

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028665.D
 Acq On : 13 May 2022 02:11
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 05:07:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	5.556	168	192238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	329191	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	302265	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	152087	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	132701	50.358	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 100.720%			
35) Dibromofluoromethane	5.391	113	108199	50.166	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.340%			
50) Toluene-d8	8.653	98	403869	49.667	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.340%			
62) 4-Bromofluorobenzene	11.085	95	149723	49.296	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 98.600%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	129108	51.291	ug/l	99
3) Chloromethane	1.288	50	117795	49.691	ug/l	100
4) Vinyl Chloride	1.374	62	130529	51.094	ug/l	99
5) Bromomethane	1.605	94	95883	53.460	ug/l	99
6) Chloroethane	1.685	64	84970	52.930	ug/l	99
7) Trichlorofluoromethane	1.886	101	204153	50.124	ug/l	98
8) Diethyl Ether	2.136	74	76005	51.213	ug/l	96
9) 1,1,2-Trichlorotrifluo...	2.331	101	104123	48.580	ug/l	95
10) Methyl Iodide	2.453	142	119152	46.434	ug/l	94
11) Tert butyl alcohol	2.989	59	137027	244.863	ug/l	99
12) 1,1-Dichloroethene	2.319	96	99510	50.016	ug/l	99
13) Acrolein	2.233	56	111730	258.319	ug/l	100
14) Allyl chloride	2.666	41	160557	50.315	ug/l	91
15) Acrylonitrile	3.062	53	325366	256.270	ug/l	98
16) Acetone	2.380	43	278187	245.979	ug/l	94
17) Carbon Disulfide	2.514	76	255297	49.501	ug/l	100
18) Methyl Acetate	2.703	43	145266	51.284	ug/l	95
19) Methyl tert-butyl Ether	3.117	73	368660	52.216	ug/l	98
20) Methylene Chloride	2.788	84	115992	48.887	ug/l	91
21) trans-1,2-Dichloroethene	3.093	96	113846	50.800	ug/l	99
22) Diisopropyl ether	3.763	45	354751	52.023	ug/l	91
23) Vinyl Acetate	3.721	43	1566201	266.422	ug/l	95
24) 1,1-Dichloroethane	3.611	63	203343	51.293	ug/l	99
25) 2-Butanone	4.556	43	456796	257.320	ug/l	96
26) 2,2-Dichloropropane	4.477	77	124638	40.098	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	131034	50.062	ug/l	98
28) Bromochloromethane	4.903	49	84758	50.794	ug/l	93
29) Tetrahydrofuran	5.007	42	300004	259.990	ug/l	92
30) Chloroform	5.099	83	218813	51.000	ug/l	99
31) Cyclohexane	5.470	56	182979	50.026	ug/l	99
32) 1,1,1-Trichloroethane	5.391	97	191509	51.129	ug/l	99
36) 1,1-Dichloropropene	5.696	75	160857	49.655	ug/l	99
37) Ethyl Acetate	4.714	43	179991	53.195	ug/l	97
38) Carbon Tetrachloride	5.684	117	164999	50.611	ug/l	100
39) Methylcyclohexane	7.385	83	183924	49.507	ug/l	96
40) Benzene	6.043	78	472163	50.714	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	93860	51.736	ug/l	93
42) 1,2-Dichloroethane	6.086	62	174173	50.718	ug/l	98
43) Isopropyl Acetate	6.342	43	276415	52.218	ug/l	95
44) Trichloroethene	7.129	130	125612	49.747	ug/l	97
45) 1,2-Dichloropropane	7.433	63	118727	51.112	ug/l	96
46) Dibromomethane	7.580	93	88288	50.895	ug/l	92
47) Bromodichloromethane	7.824	83	165818	51.486	ug/l	99
48) Methyl methacrylate	7.696	41	133944	52.381	ug/l	86
49) 1,4-Dioxane	7.671	88	62413	977.007	ug/l	96
51) 4-Methyl-2-Pentanone	8.574	43	905567	259.717	ug/l	93
52) Toluene	8.720	92	303995	50.758	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	167713	45.395	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	184582	50.935	ug/l #	88
55) 1,1,2-Trichloroethane	9.153	97	124181	50.849	ug/l	98
56) Ethyl methacrylate	9.116	69	193761	52.392	ug/l #	85
57) 1,3-Dichloropropane	9.311	76	210277	51.050	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	466719	257.768	ug/l	100
59) 2-Hexanone	9.433	43	713569	263.411	ug/l	90
60) Dibromochloromethane	9.525	129	125357	52.632	ug/l	96
61) 1,2-Dibromoethane	9.610	107	132561	51.680	ug/l	100
64) Tetrachloroethene	9.275	164	107596	47.138	ug/l	97
65) Chlorobenzene	10.079	112	324080	50.540	ug/l	98
66) 1,1,1,2-Tetrachloroethane	10.165	131	118893	52.341	ug/l	99
67) Ethyl Benzene	10.195	91	590722	51.396	ug/l	99
68) m/p-Xylenes	10.305	106	457130	102.158	ug/l	99
69) o-Xylene	10.646	106	222212	50.438	ug/l	97
70) Styrene	10.659	104	377741	52.798	ug/l	98
71) Bromoform	10.799	173	86698	46.203	ug/l	99
73) Isopropylbenzene	10.963	105	583192	50.565	ug/l	99
74) N-amyl acetate	10.848	43	245628	54.178	ug/l	91
75) 1,1,2,2-Tetrachloroethane	11.213	83	203805	51.509	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	179322m	50.347	ug/l	
77) Bromobenzene	11.201	156	135616	49.695	ug/l	96
78) n-propylbenzene	11.305	91	677895	50.812	ug/l	100
79) 2-Chlorotoluene	11.366	91	405983	49.650	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	496449	51.658	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.024	75	50613	42.981	ug/l #	85
82) 4-Chlorotoluene	11.457	91	472650	50.000	ug/l	100
83) tert-Butylbenzene	11.719	119	480777	51.670	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	495784	51.445	ug/l	100
85) sec-Butylbenzene	11.890	105	580794	50.603	ug/l	99
86) p-Isopropyltoluene	12.012	119	490885	50.969	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	262643	49.068	ug/l	97
88) 1,4-Dichlorobenzene	12.042	146	269103	48.469	ug/l	99
89) n-Butylbenzene	12.335	91	421015	50.453	ug/l	97
90) Hexachloroethane	12.542	117	81811	52.528	ug/l	87
91) 1,2-Dichlorobenzene	12.335	146	267028	50.782	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	45740	54.139	ug/l	90
93) 1,2,4-Trichlorobenzene	13.591	180	153871	50.665	ug/l	99
94) Hexachlorobutadiene	13.725	225	58972	47.797	ug/l	95
95) Naphthalene	13.774	128	584315	54.067	ug/l	99
96) 1,2,3-Trichlorobenzene	13.963	180	155968	51.132	ug/l	95

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

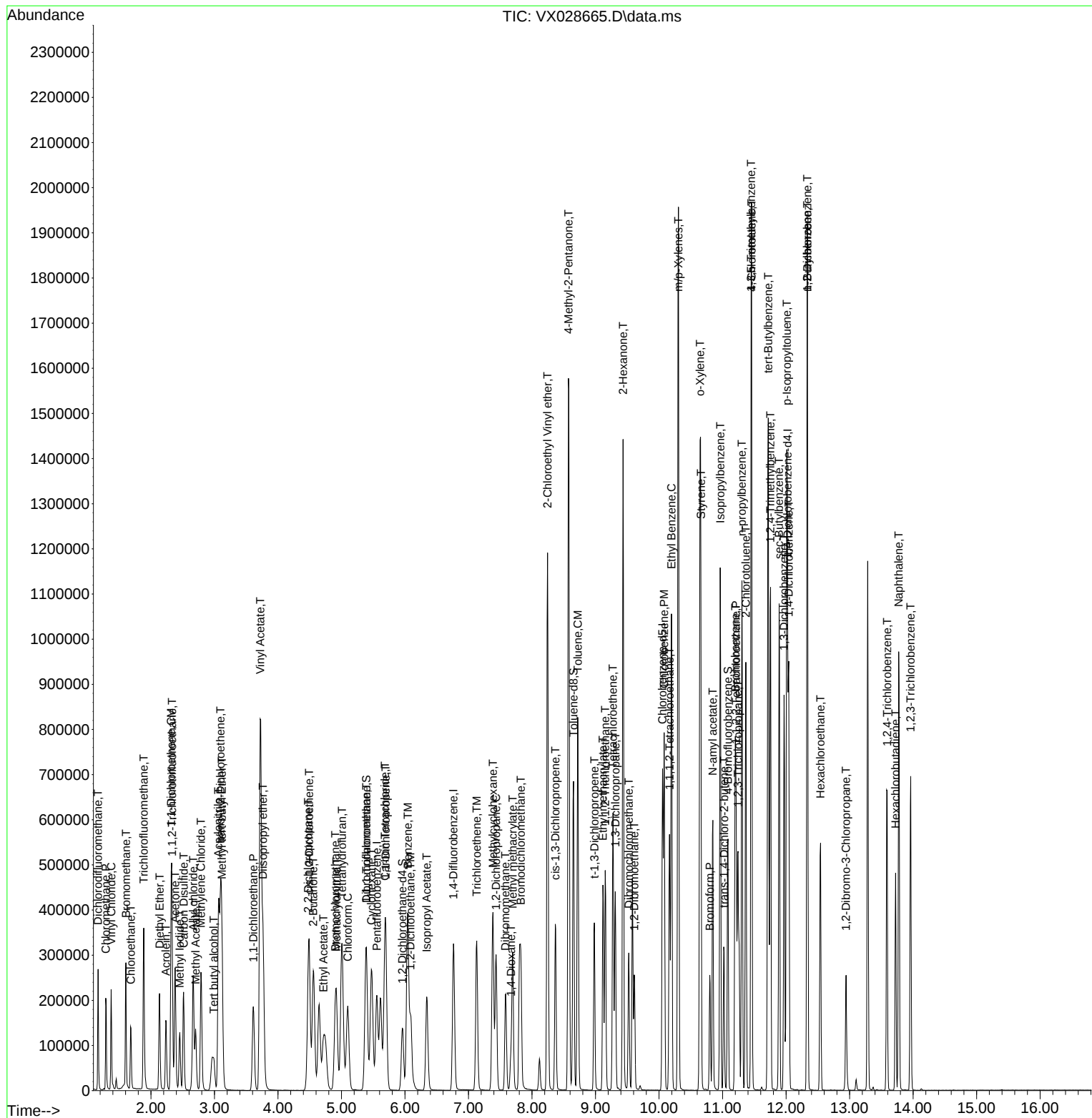
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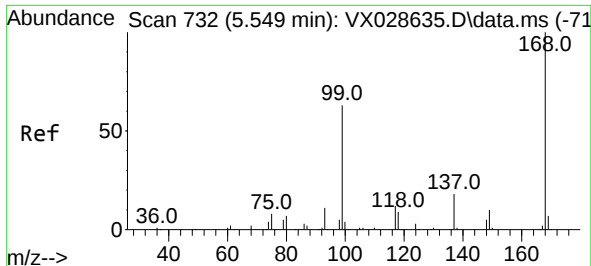
Instrument :
 MSVOA_X
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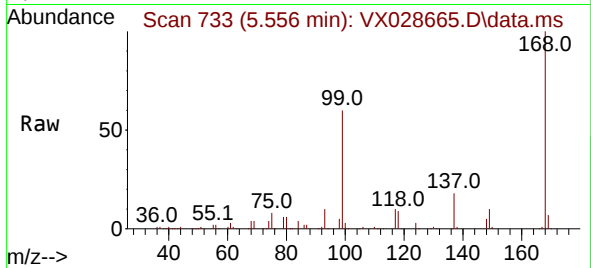
Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028665.D
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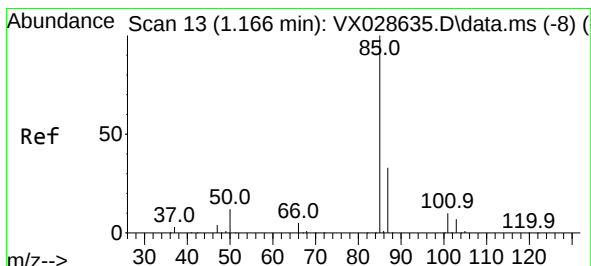
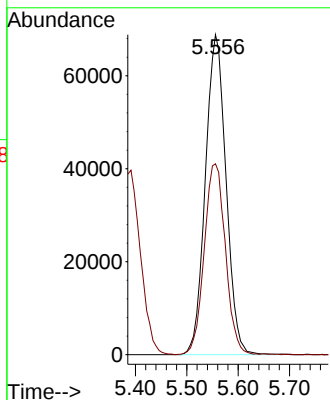
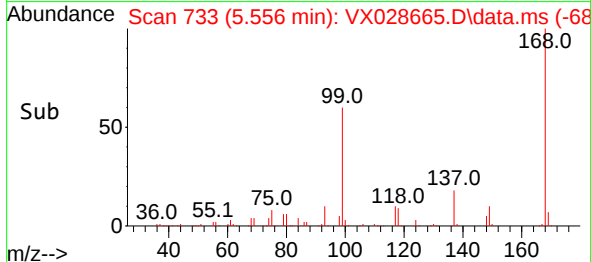
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:168 Resp: 192238
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5

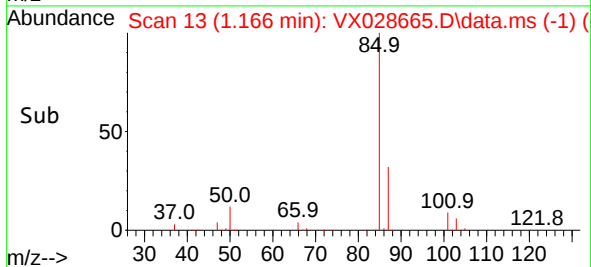
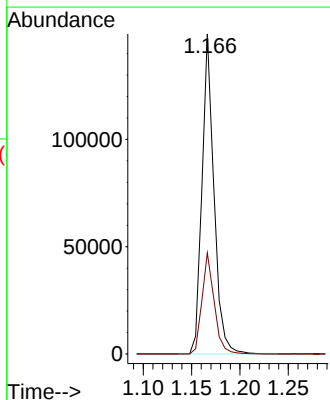
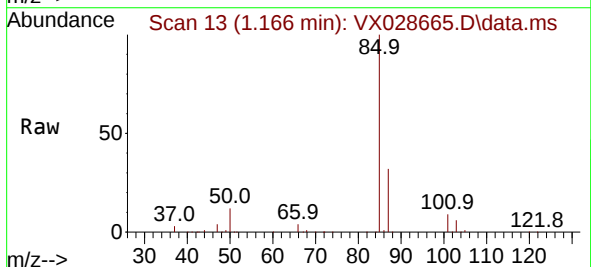
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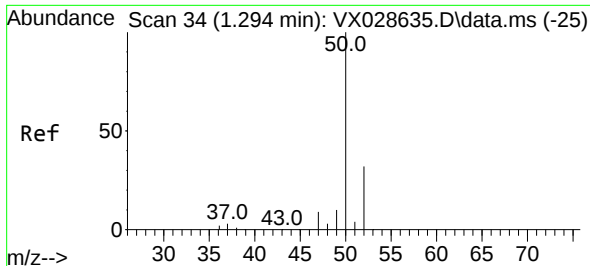
Reviewed By :John Carlone 05/13/2022
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#2
Dichlorodifluoromethane
Concen: 51.291 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 85 Resp: 129108
Ion Ratio Lower Upper
85 100
87 31.6 16.2 48.6





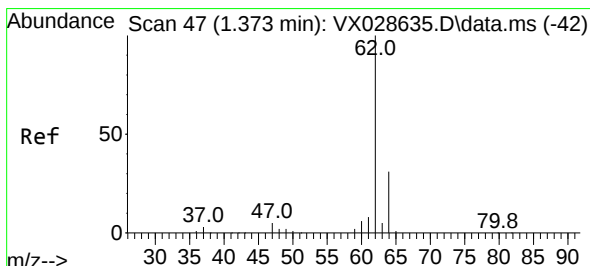
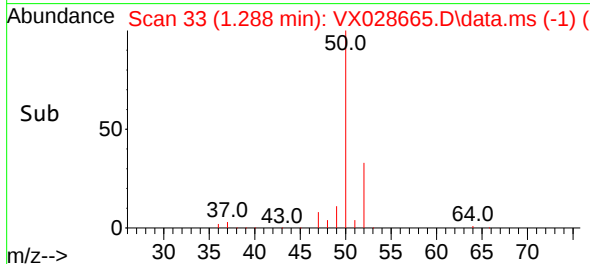
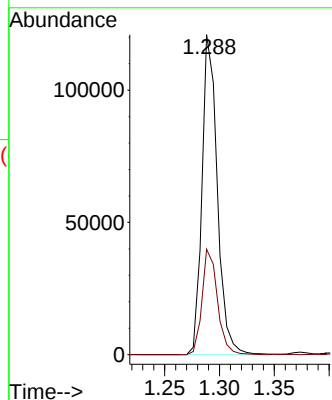
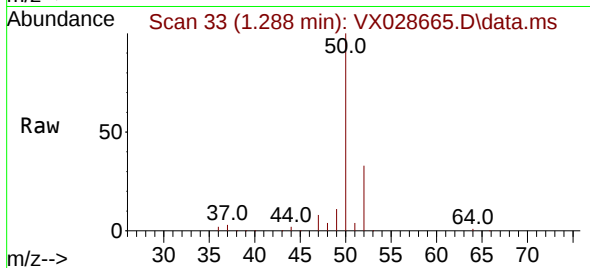
#3
Chloromethane
Concen: 49.691 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

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Tgt Ion: 50 Resp: 11779
Ion Ratio Lower Upper
50 100
52 32.9 26.4 39.6

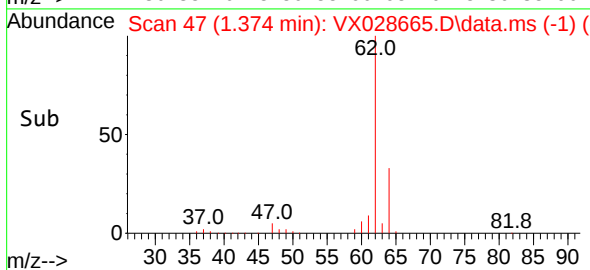
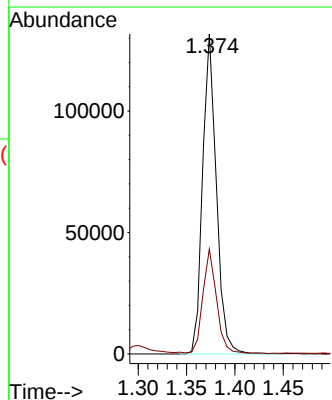
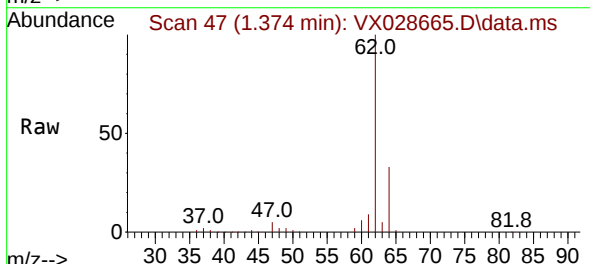
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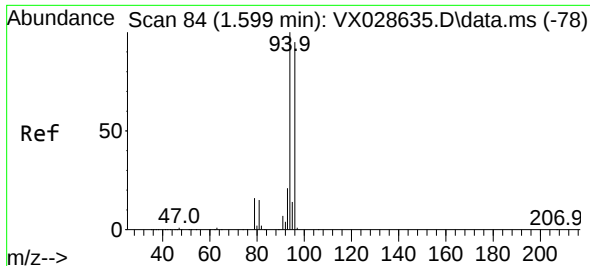
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#4
Vinyl Chloride
Concen: 51.094 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

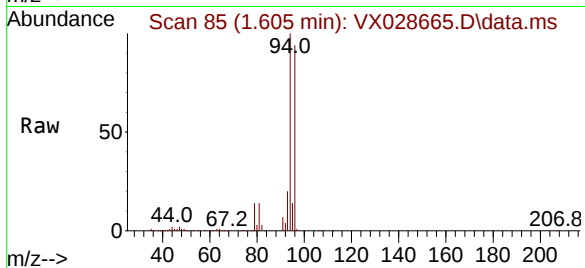
Tgt Ion: 62 Resp: 130529
Ion Ratio Lower Upper
62 100
64 32.5 25.5 38.3





#5
Bromomethane
Concen: 53.460 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

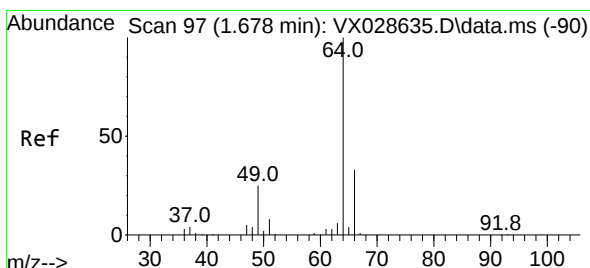
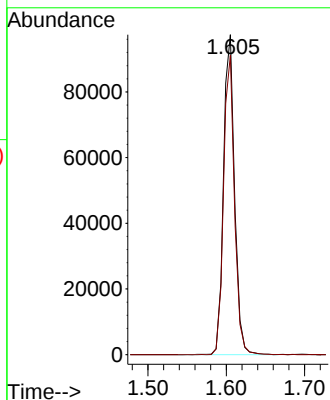
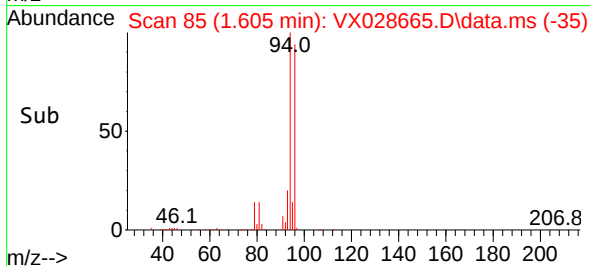
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Tgt Ion: 94 Resp: 9588
Ion Ratio Lower Upper
94 100
96 93.5 75.3 112.9

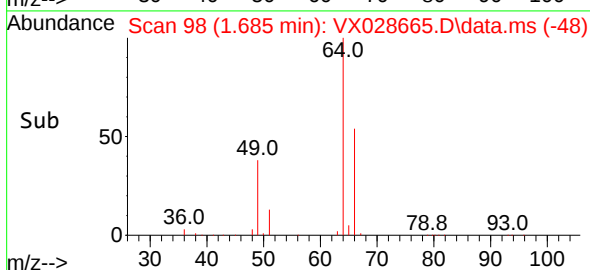
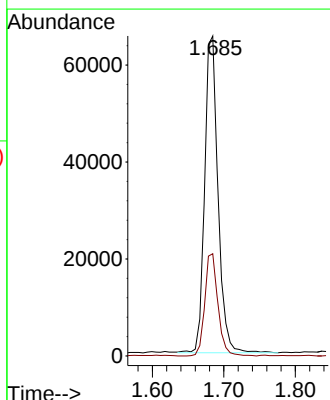
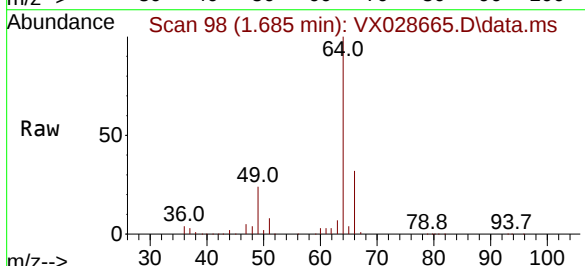
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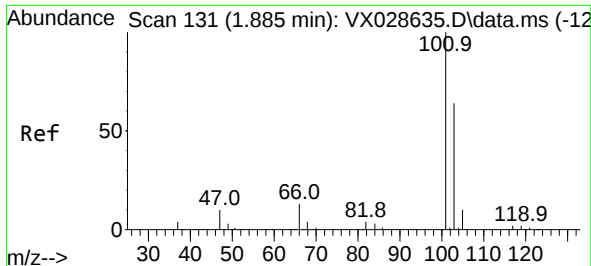
Reviewed By :John Carlone 05/13/2022
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#6
Chloroethane
Concen: 52.930 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

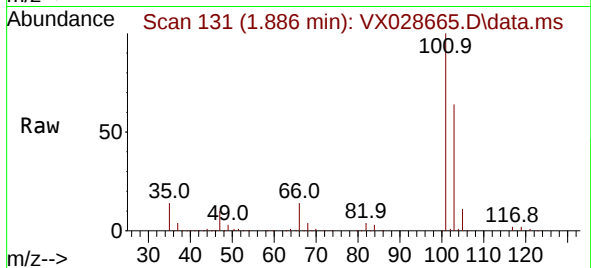
Tgt Ion: 64 Resp: 84970
Ion Ratio Lower Upper
64 100
66 32.3 25.3 37.9





#7
Trichlorofluoromethane
Concen: 50.124 ug/l
RT: 1.886 min Scan# 111
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

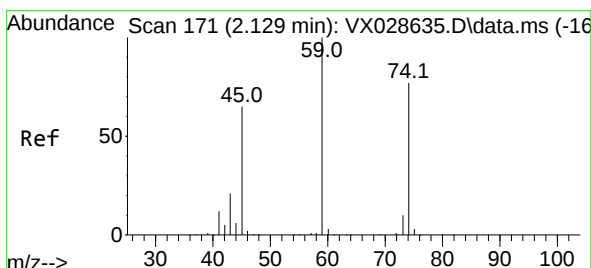
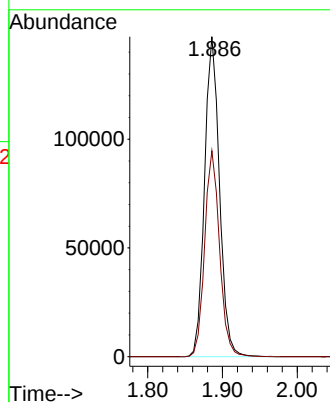
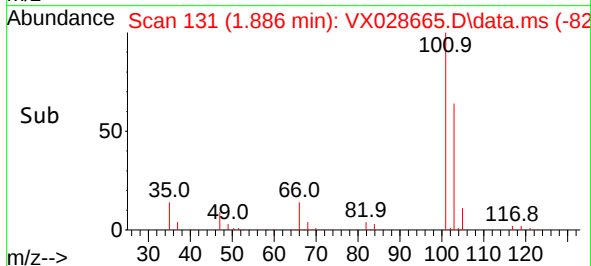
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Tgt Ion:101 Resp: 20415
Ion Ratio Lower Upper
101 100
103 64.3 50.5 75.7

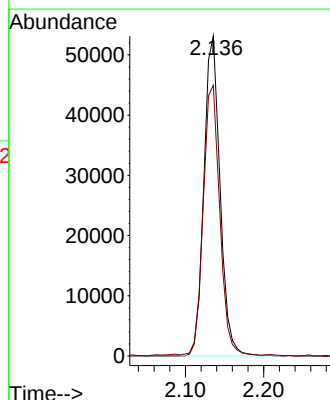
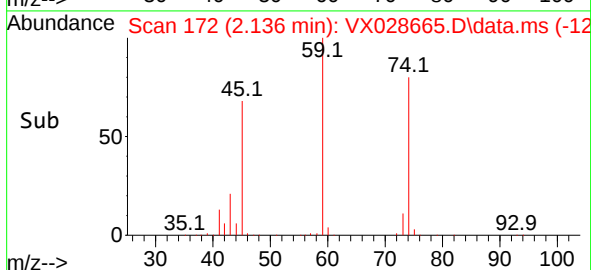
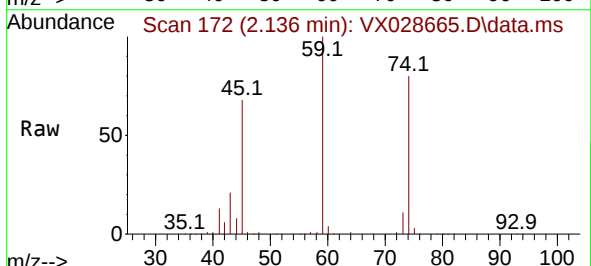
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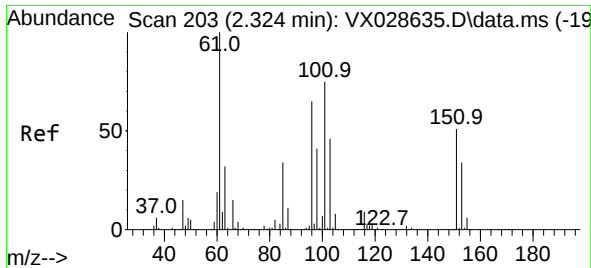
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#8
Diethyl Ether
Concen: 51.213 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 74 Resp: 76005
Ion Ratio Lower Upper
74 100
45 87.8 42.0 126.0





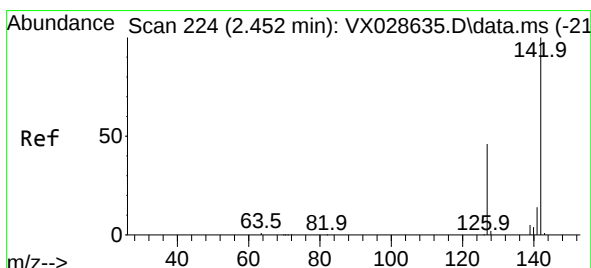
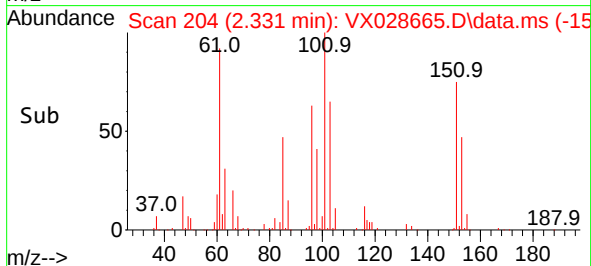
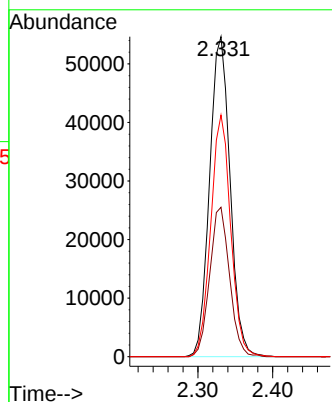
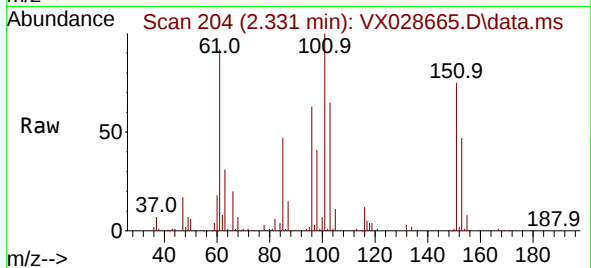
#9
1,1,2-Trichlorotrifluoroethane
Concen: 48.580 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:101 Resp: 10412
Ion Ratio Lower Upper
101 100
85 45.2 33.5 50.3
151 73.6 61.8 92.6

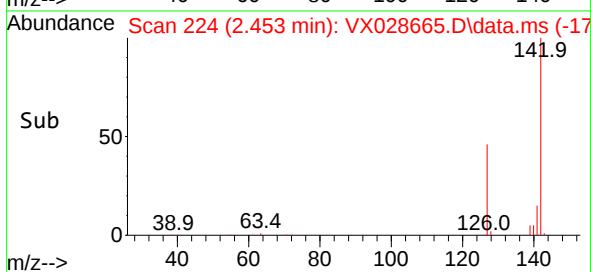
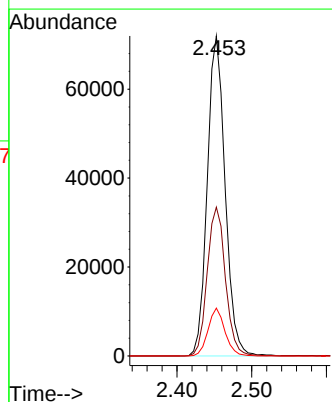
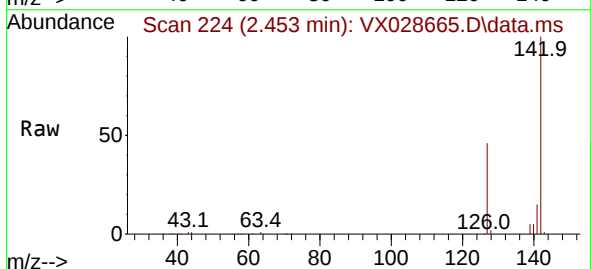
Manual Integrations
APPROVED

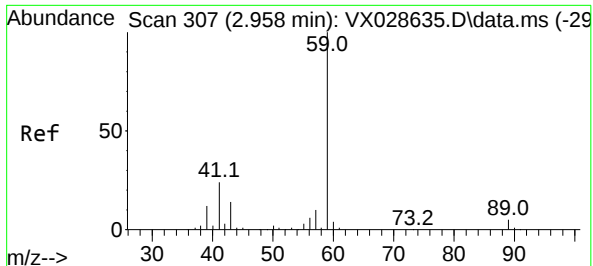
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 46.434 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

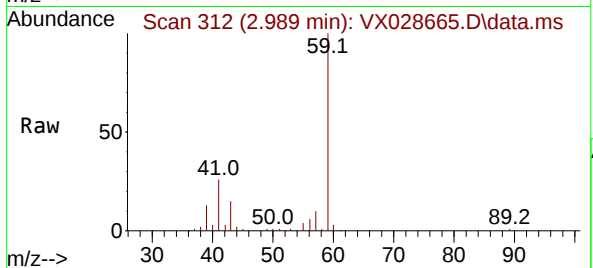
Tgt Ion:142 Resp: 119152
Ion Ratio Lower Upper
142 100
127 47.5 33.9 50.9
141 14.2 11.4 17.2





#11
Tert butyl alcohol
Concen: 244.863 ug/l
RT: 2.989 min Scan# 311
Delta R.T. 0.031 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

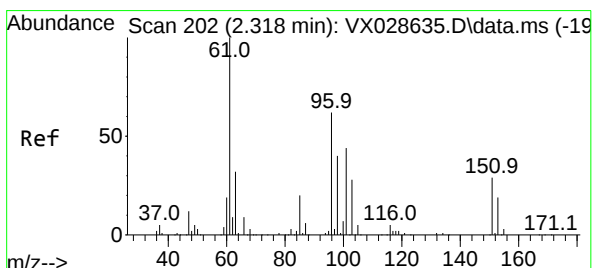
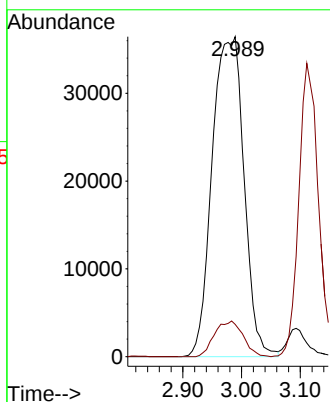
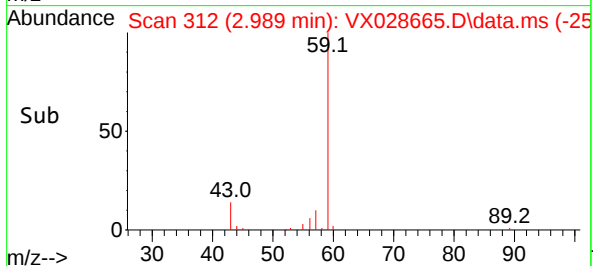
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 59 Resp: 13702
Ion Ratio Lower Upper
59 100
57 10.1 8.3 12.5

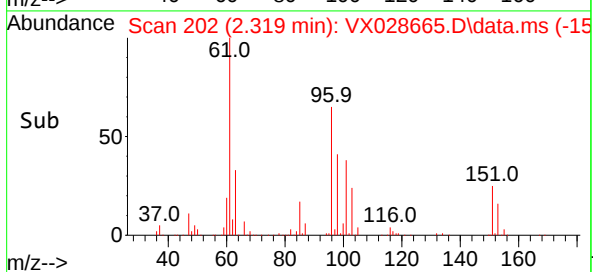
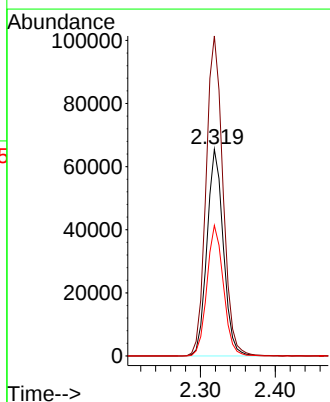
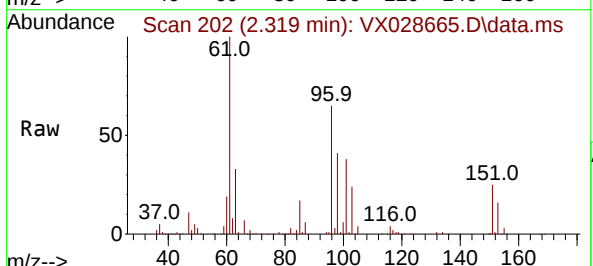
Manual Integrations
APPROVED

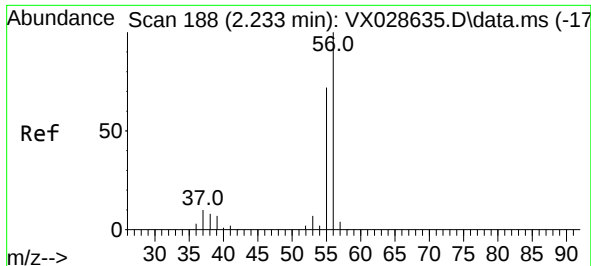
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#12
1,1-Dichloroethene
Concen: 50.016 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

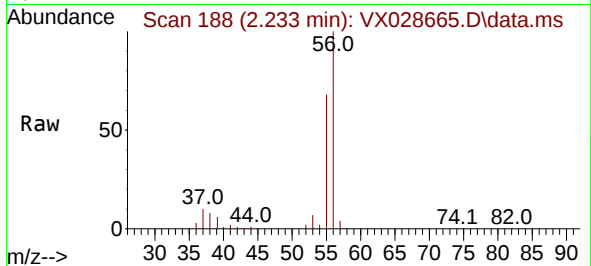
Tgt Ion: 96 Resp: 99510
Ion Ratio Lower Upper
96 100
61 154.8 124.6 187.0
98 63.1 51.0 76.4





#13
Acrolein
Concen: 258.319 ug/l
RT: 2.233 min Scan# 11730
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

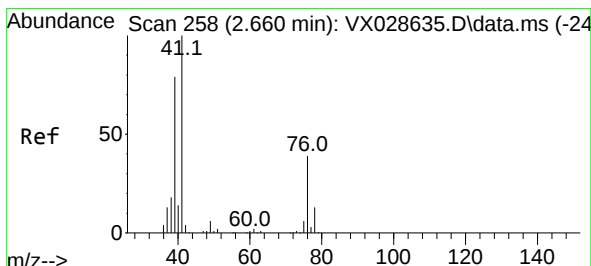
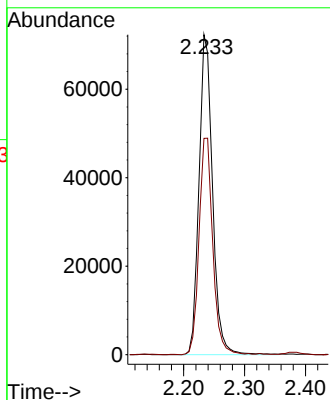
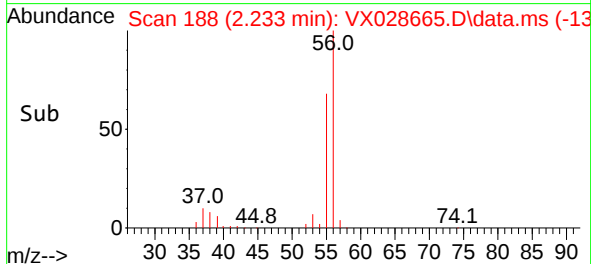
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 111730
Ion Ratio Lower Upper
56 100
55 68.8 55.0 82.6

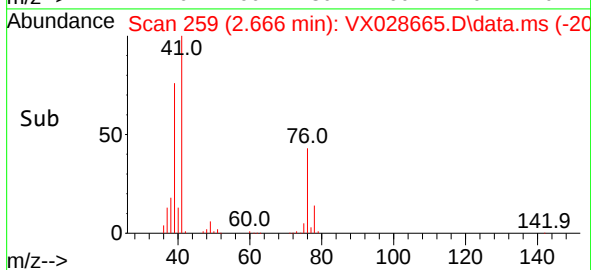
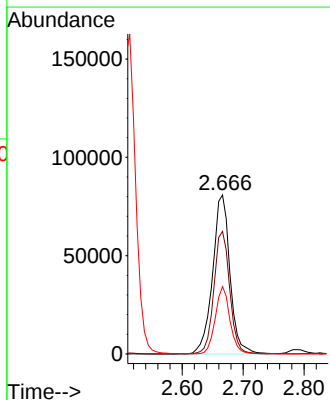
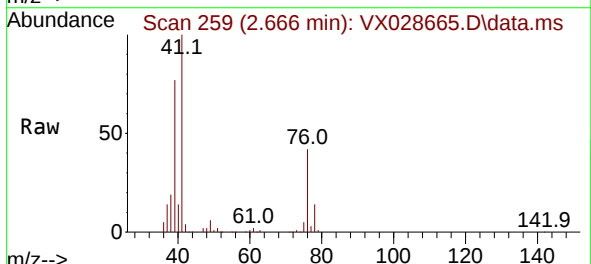
Manual Integrations
APPROVED

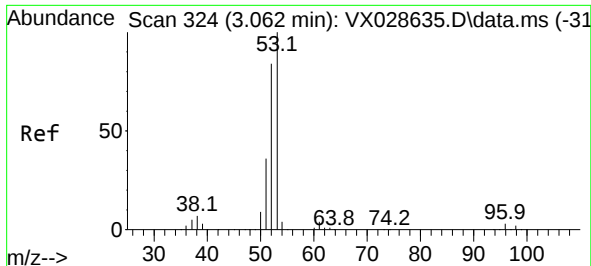
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 50.315 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

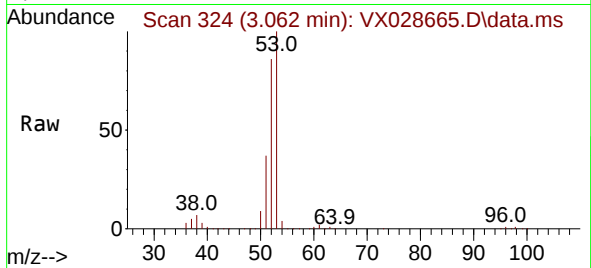
Tgt Ion: 41 Resp: 160557
Ion Ratio Lower Upper
41 100
39 70.2 50.4 75.6
76 35.5 32.7 49.1





#15
Acrylonitrile
Concen: 256.270 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

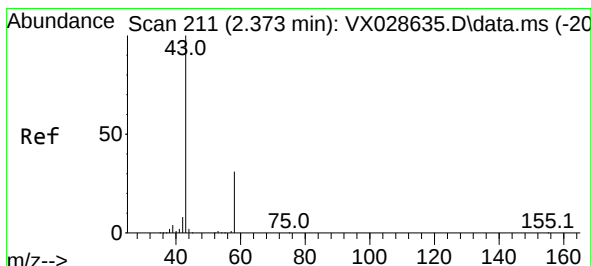
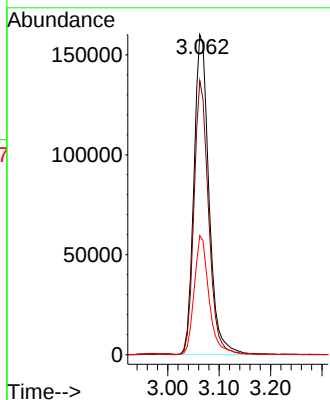
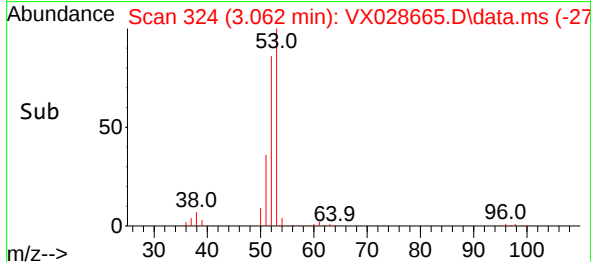
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



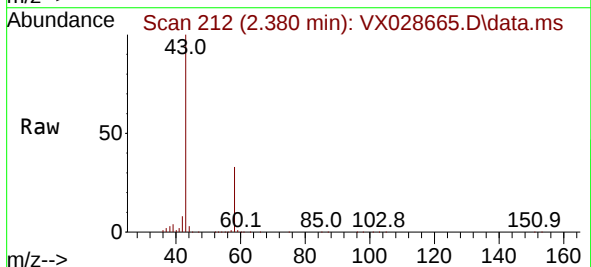
Tgt Ion: 53 Resp: 325360
Ion Ratio Lower Upper
53 100
52 83.5 65.7 98.5
51 36.8 28.4 42.6

Manual Integrations
APPROVED

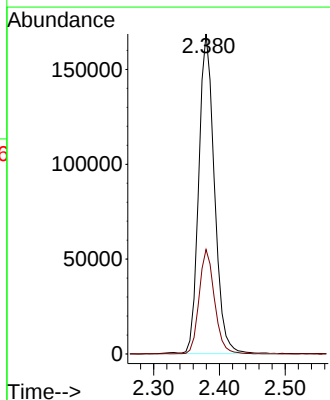
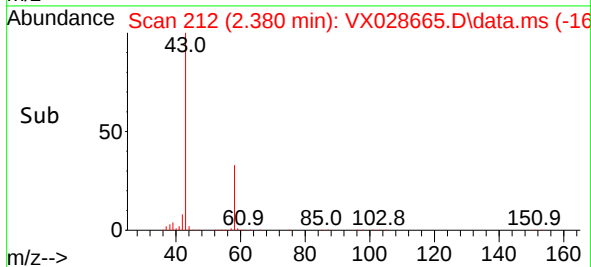
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

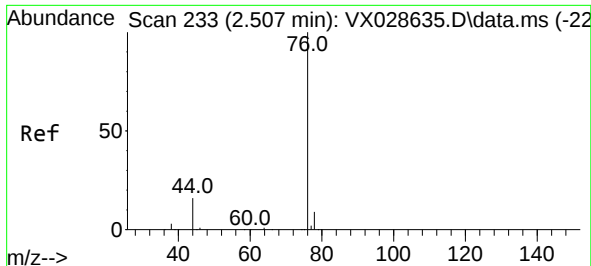


#16
Acetone
Concen: 245.979 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



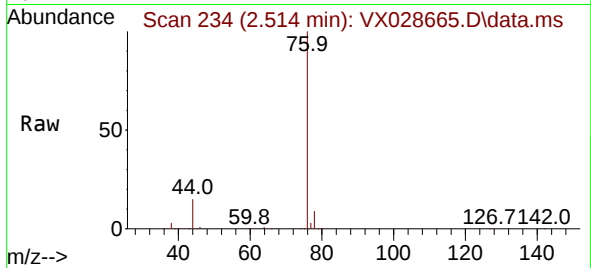
Tgt Ion: 43 Resp: 278187
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2





#17
Carbon Disulfide
Concen: 49.501 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

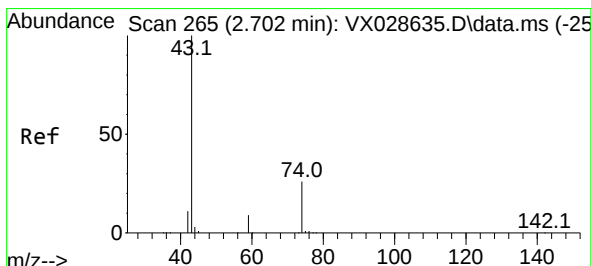
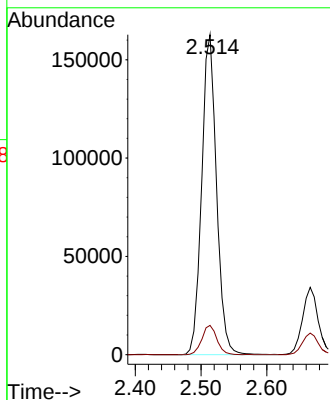
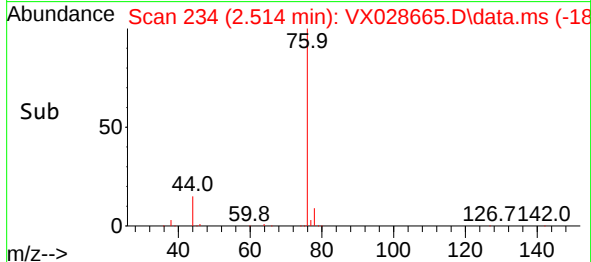
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 76 Resp: 25529
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8

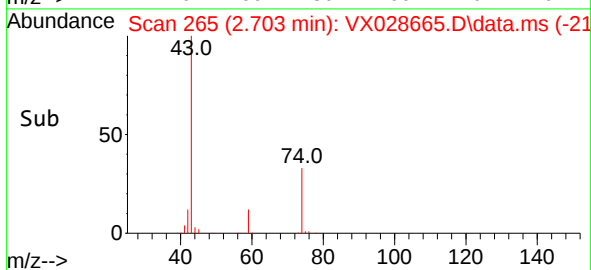
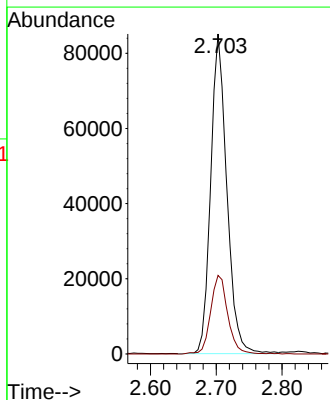
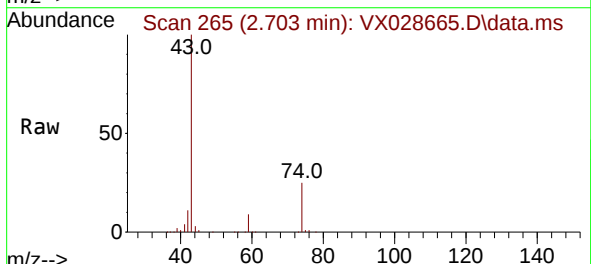
Manual Integrations
APPROVED

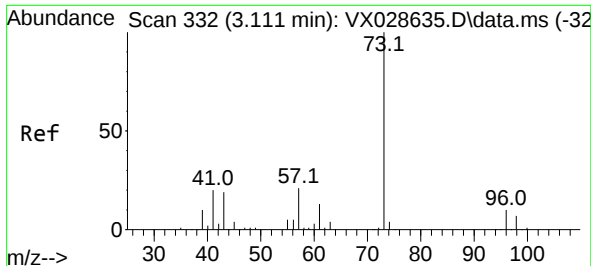
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 51.284 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

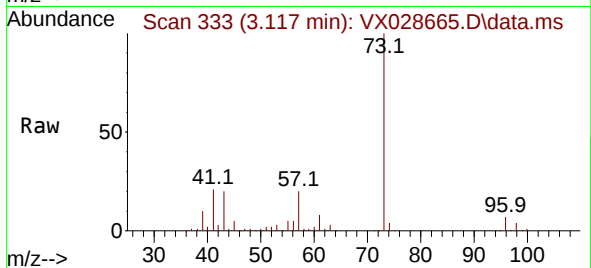
Tgt Ion: 43 Resp: 145266
Ion Ratio Lower Upper
43 100
74 26.0 22.8 34.2





#19
Methyl tert-butyl Ether
Concen: 52.216 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

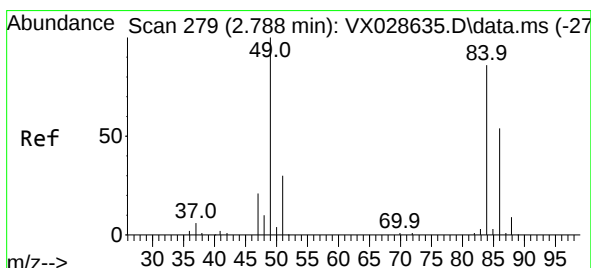
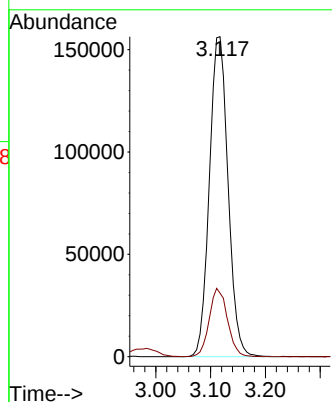
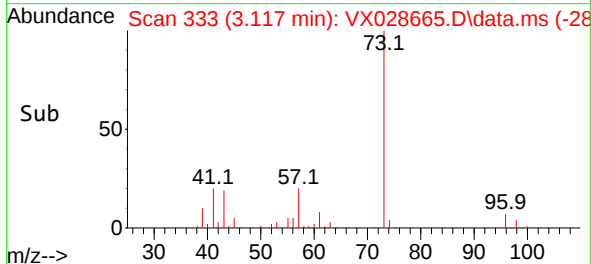
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 73 Resp: 368660
Ion Ratio Lower Upper
73 100
57 19.8 16.8 25.2

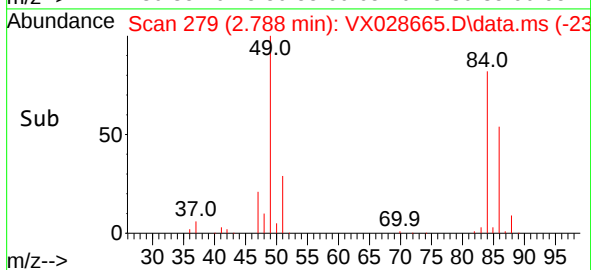
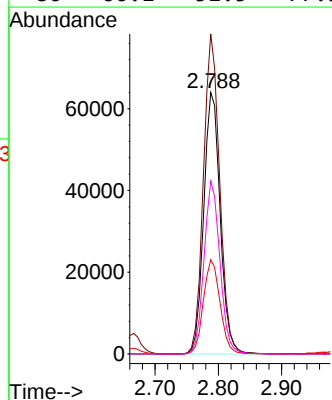
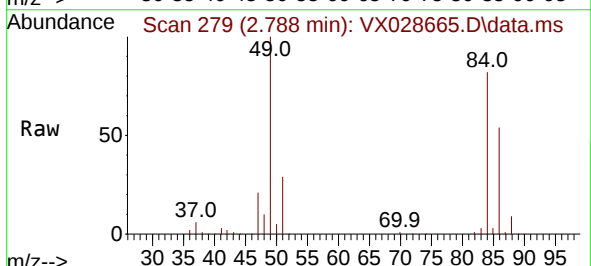
Manual Integrations
APPROVED

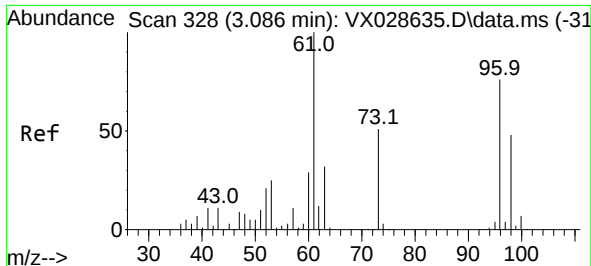
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 48.887 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

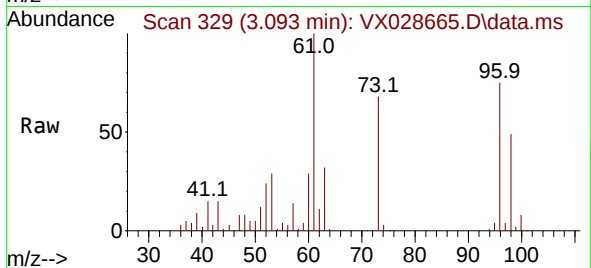
Tgt Ion: 84 Resp: 115992
Ion Ratio Lower Upper
84 100
49 122.4 85.5 128.3
51 36.0 26.6 39.8
86 66.1 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 50.800 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

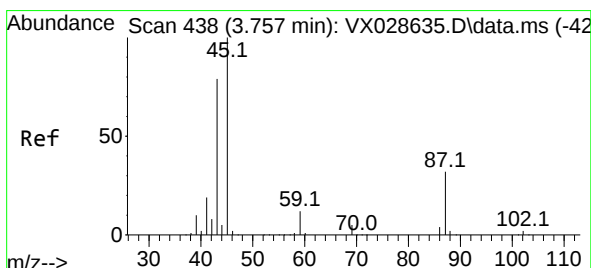
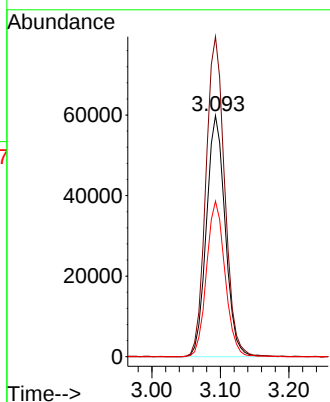
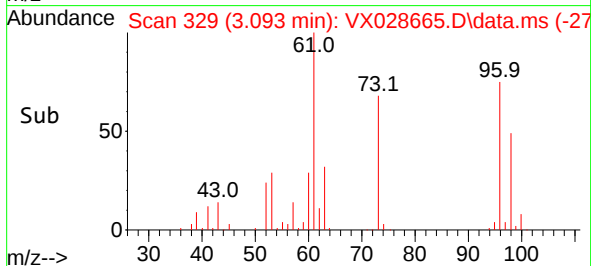
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



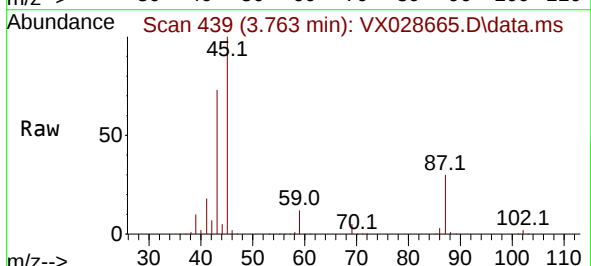
Tgt Ion: 96 Resp: 113840
Ion Ratio Lower Upper
96 100
61 132.7 105.4 158.2
98 64.5 50.0 75.0

Manual Integrations
APPROVED

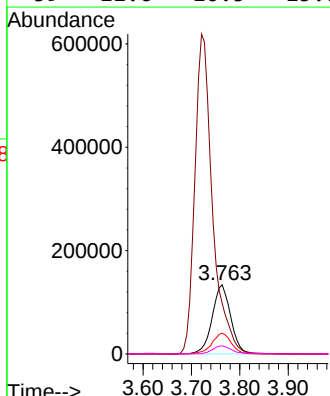
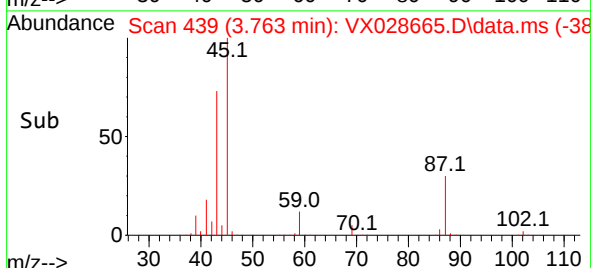
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

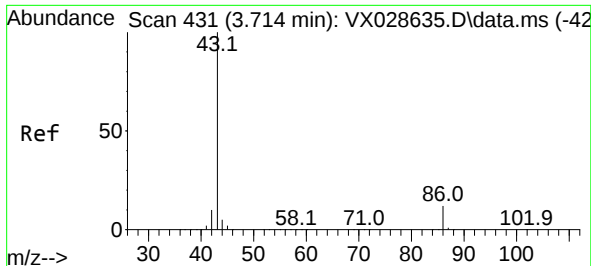


#22
Diisopropyl ether
Concen: 52.023 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



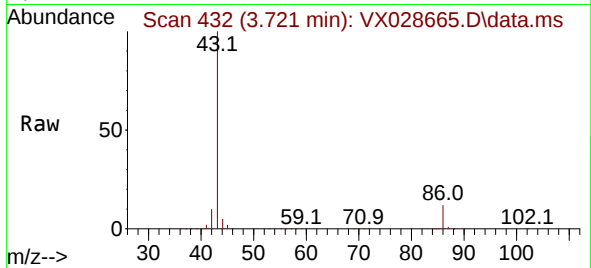
Tgt Ion: 45 Resp: 354751
Ion Ratio Lower Upper
45 100
43 72.9 50.8 76.2
87 30.1 26.6 39.8
59 11.6 10.5 15.7





#23
 Vinyl Acetate
 Concen: 266.422 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028665.D
 Acq: 13 May 2022 02:11

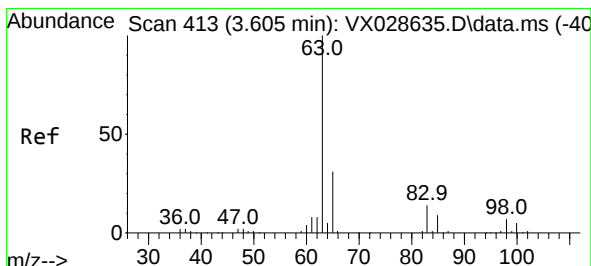
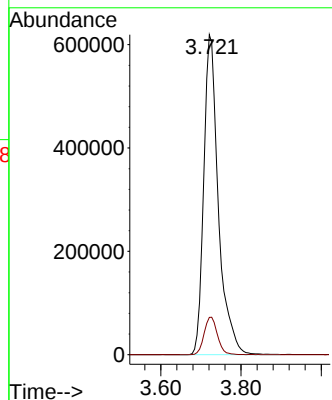
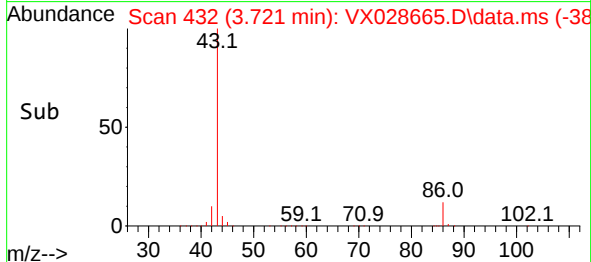
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



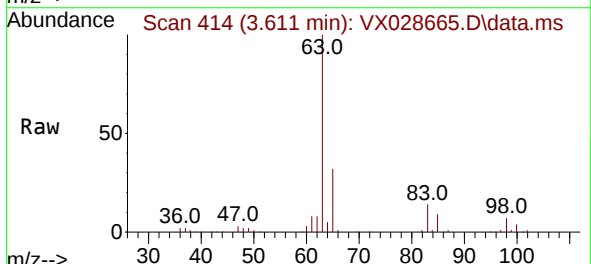
Tgt Ion: 43 Resp: 156620
 Ion Ratio Lower Upper
 43 100
 86 11.7 10.8 16.2

Manual Integrations
 APPROVED

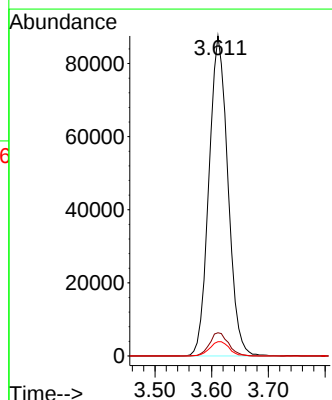
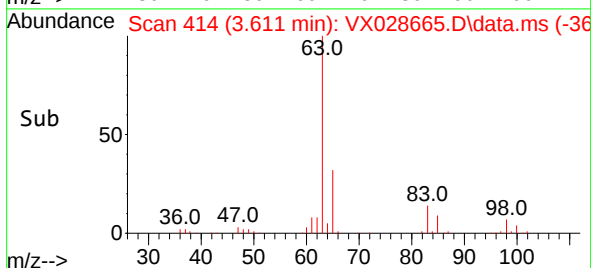
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

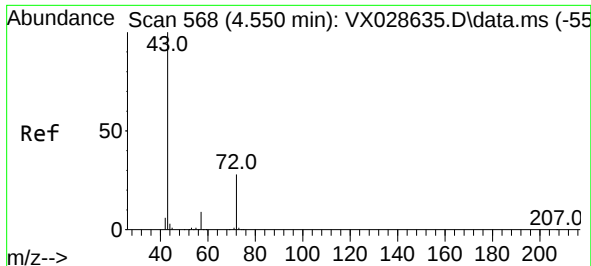


#24
 1,1-Dichloroethane
 Concen: 51.293 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028665.D
 Acq: 13 May 2022 02:11



Tgt Ion: 63 Resp: 203343
 Ion Ratio Lower Upper
 63 100
 98 7.2 3.9 11.7
 100 4.4 2.4 7.2





#25

2-Butanone

Concen: 257.320 ug/l

RT: 4.556 min Scan# 5

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 456790

Ion Ratio Lower Upper

43 100

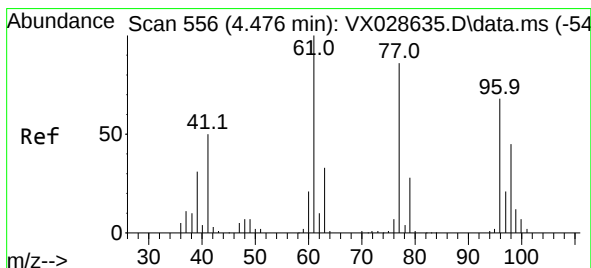
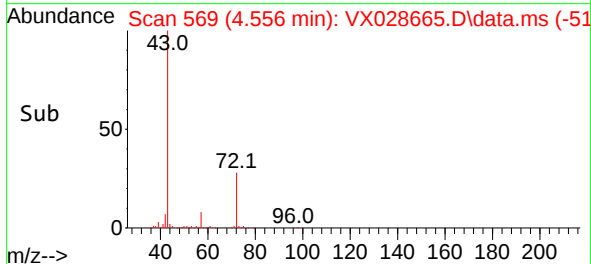
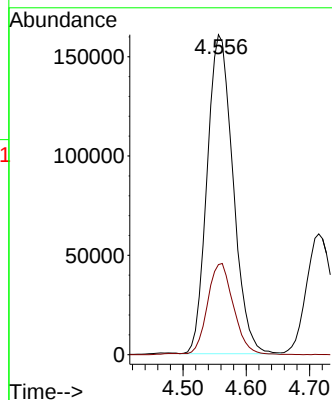
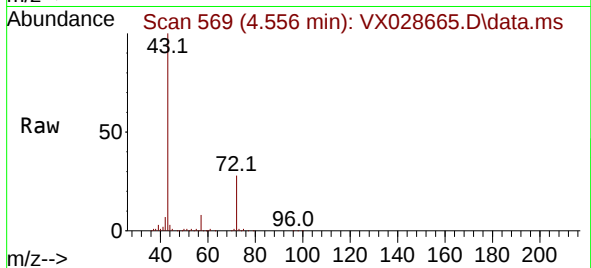
72 28.1 24.4 36.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#26

2,2-Dichloropropane

Concen: 40.098 ug/l

RT: 4.477 min Scan# 556

Delta R.T. 0.001 min

Lab File: VX028665.D

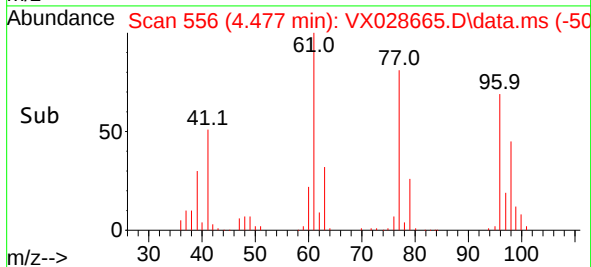
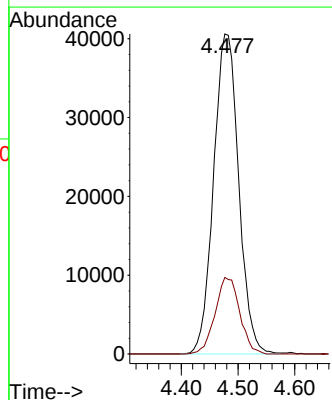
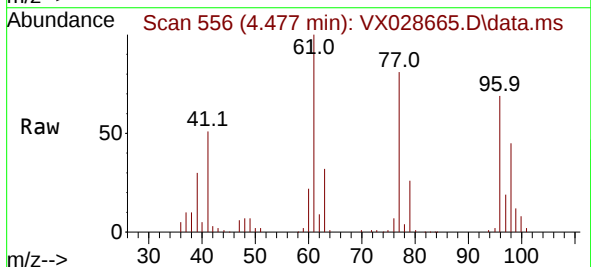
Acq: 13 May 2022 02:11

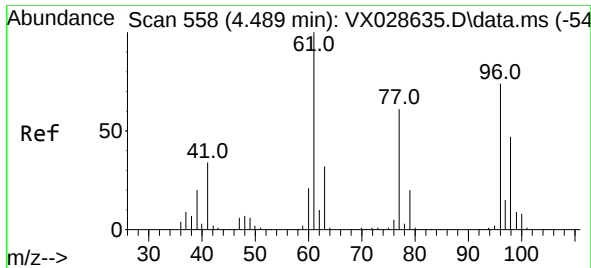
Tgt Ion: 77 Resp: 124638

Ion Ratio Lower Upper

77 100

97 23.5 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 50.062 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 96 Resp: 131034

Ion Ratio Lower Upper

96 100

61 138.5 0.0 283.8

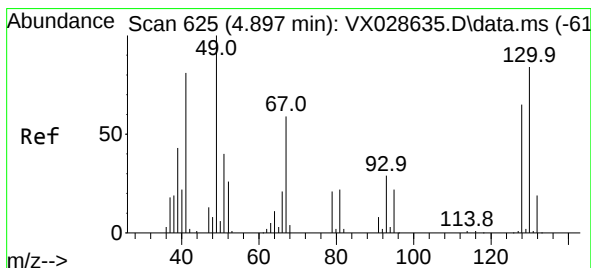
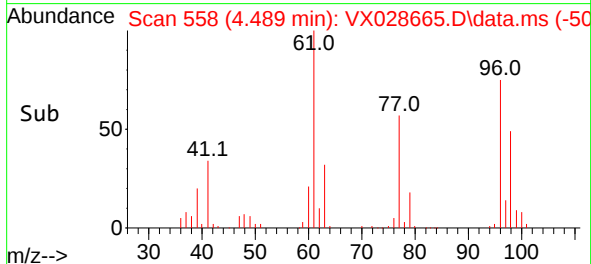
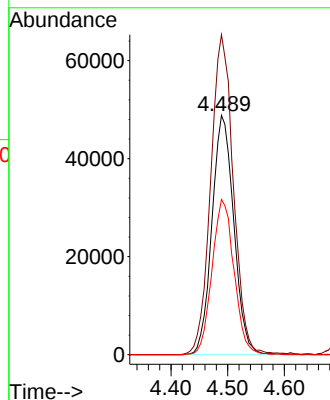
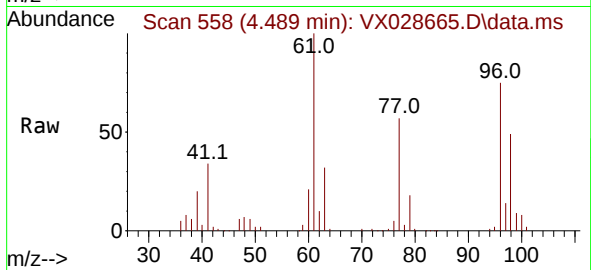
98 65.1 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 50.794 ug/l

RT: 4.903 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

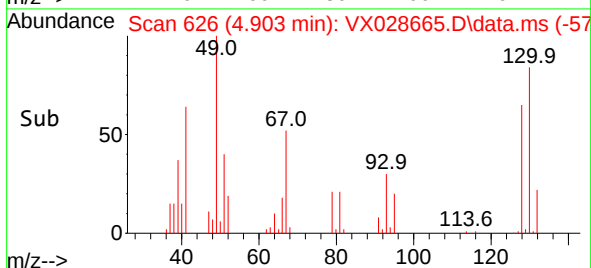
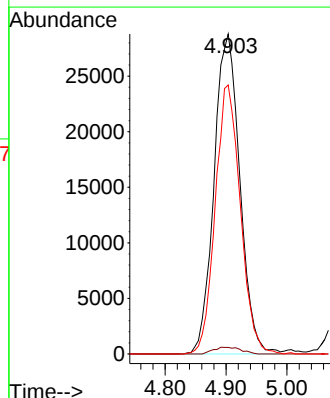
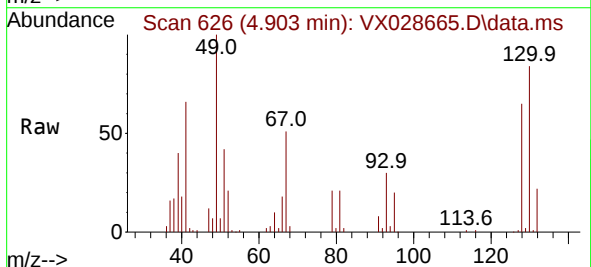
Tgt Ion: 49 Resp: 84758

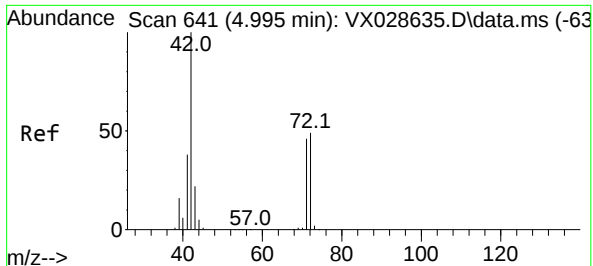
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 81.8 70.7 106.1





#29

Tetrahydrofuran

Concen: 259.990 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 42 Resp: 300004

Ion Ratio Lower Upper

42 100

72 48.8 44.1 66.1

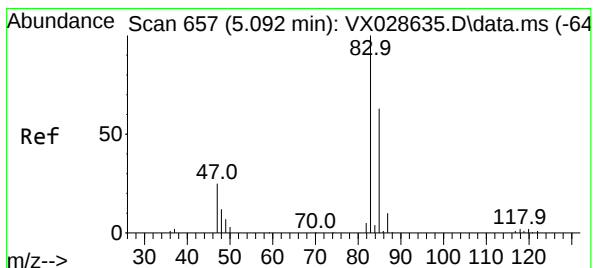
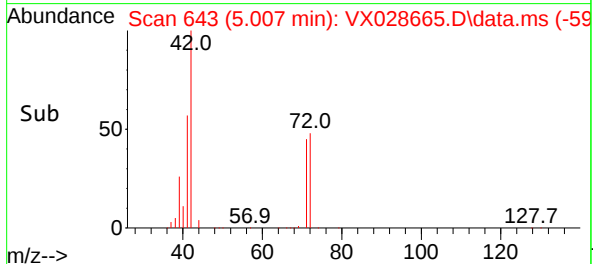
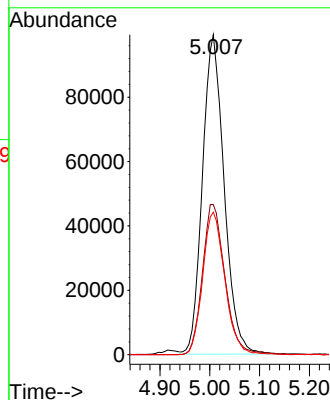
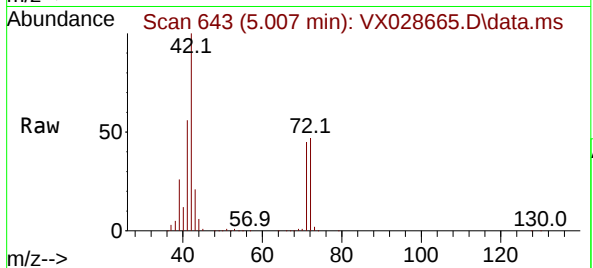
71 45.6 40.5 60.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 51.000 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028665.D

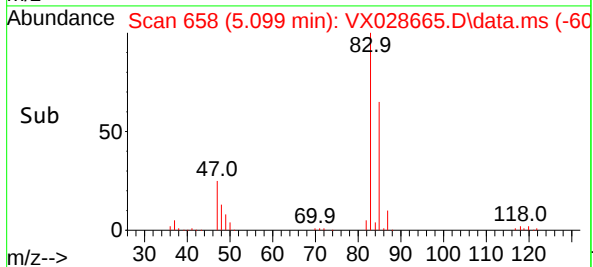
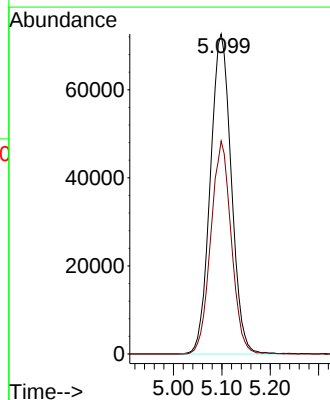
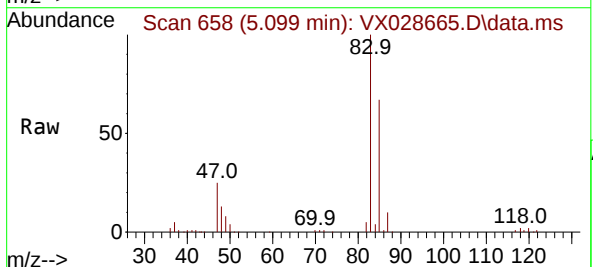
Acq: 13 May 2022 02:11

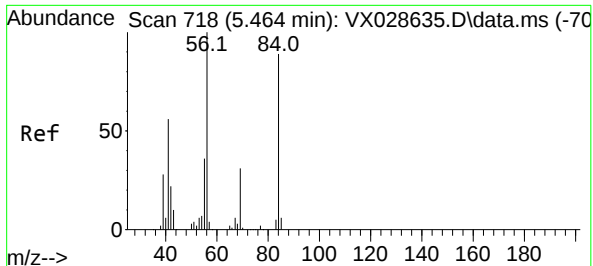
Tgt Ion: 83 Resp: 218813

Ion Ratio Lower Upper

83 100

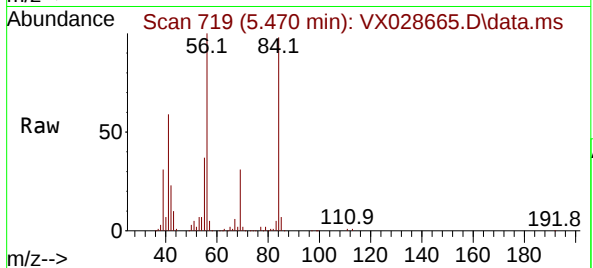
85 66.5 52.7 79.1





#31
Cyclohexane
Concen: 50.026 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

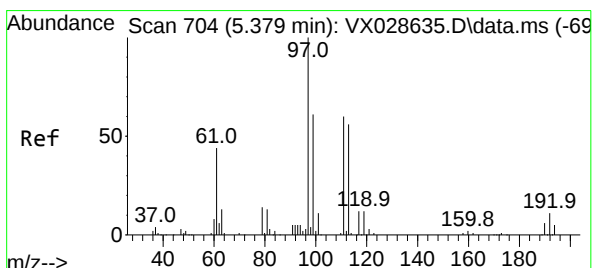
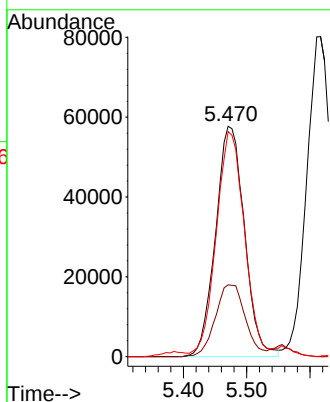
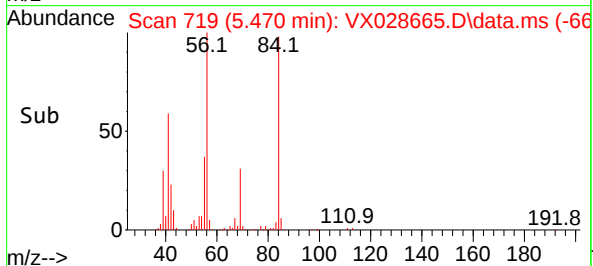
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 56 Resp: 182979
Ion Ratio Lower Upper
56 100
69 31.2 26.7 40.1
84 95.9 77.2 115.8

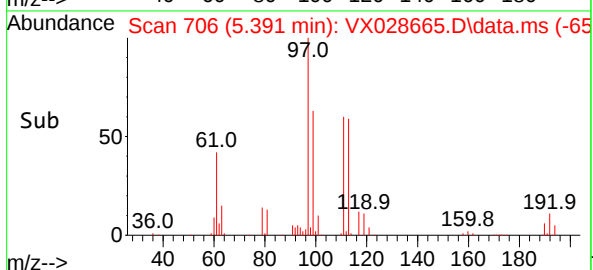
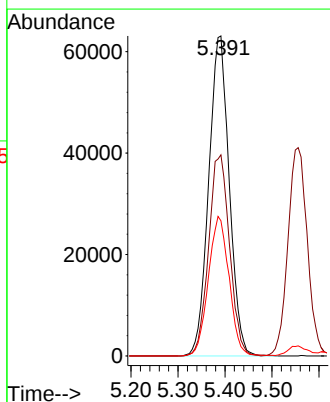
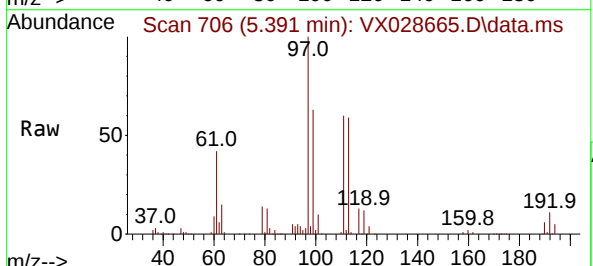
Manual Integrations
APPROVED

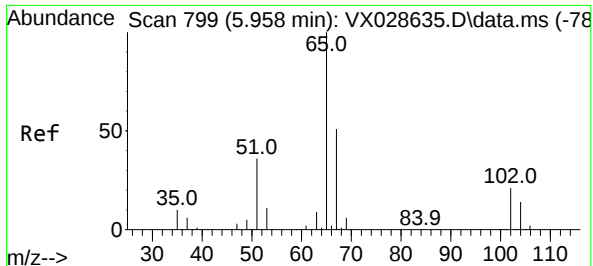
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#32
1,1,1-Trichloroethane
Concen: 51.129 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.012 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 97 Resp: 191509
Ion Ratio Lower Upper
97 100
99 64.1 51.8 77.6
61 44.1 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 50.358 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 65 Resp: 13270

Ion Ratio Lower Upper

65 100

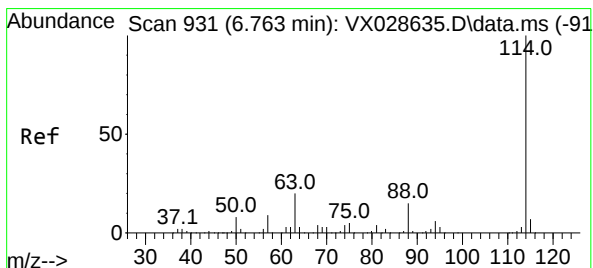
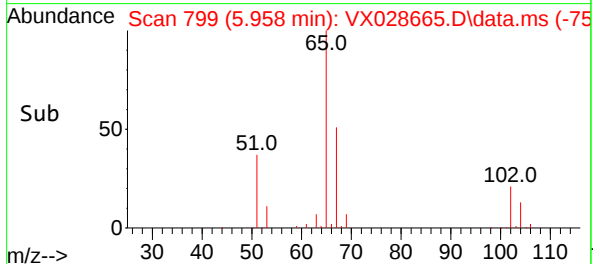
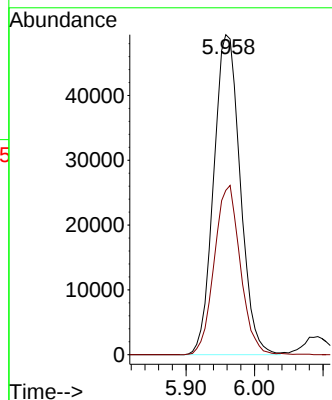
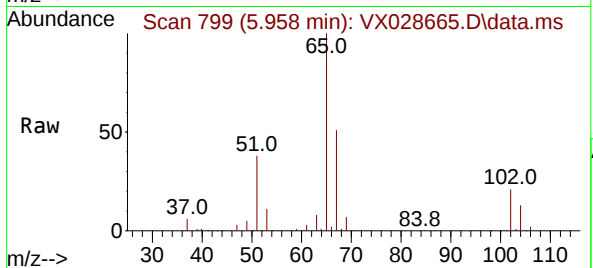
67 51.9 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

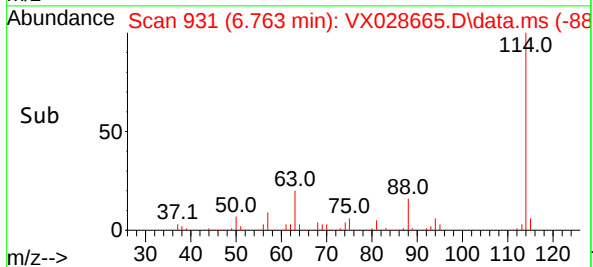
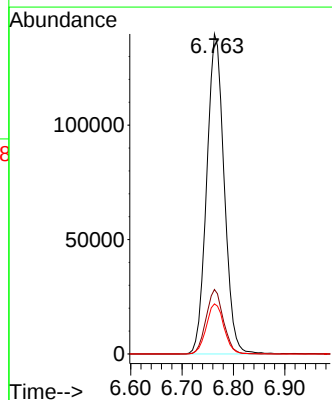
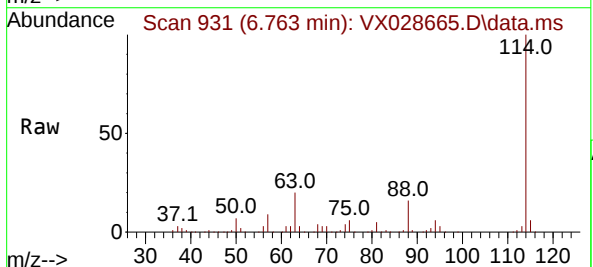
Tgt Ion:114 Resp: 329191

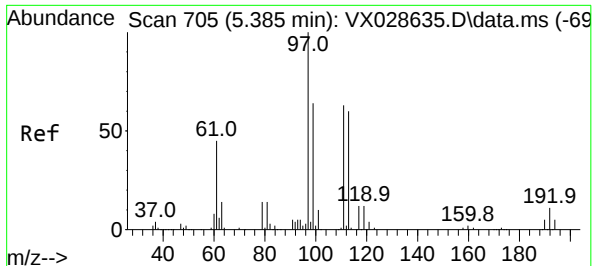
Ion Ratio Lower Upper

114 100

63 20.2 0.0 36.8

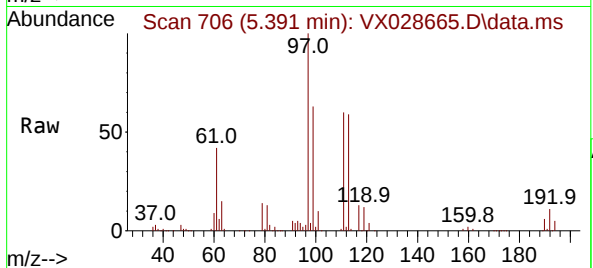
88 15.6 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.166 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

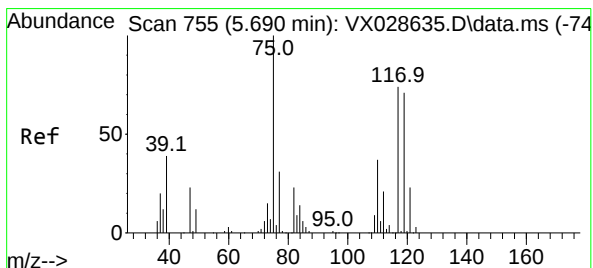
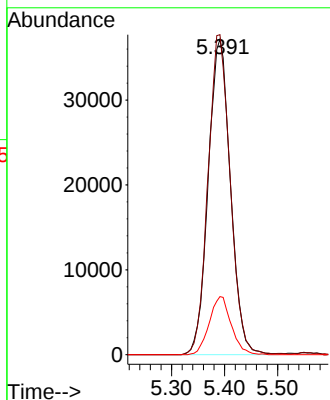
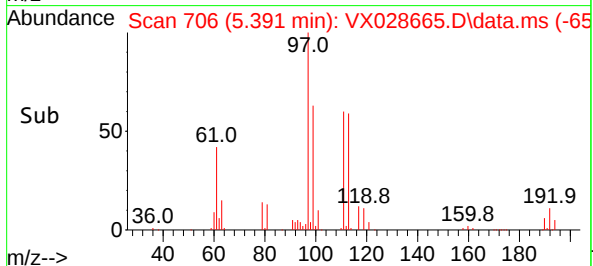
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 113 Resp: 108199
Ion Ratio Lower Upper
113 100
111 101.1 82.8 124.2
192 18.2 16.9 25.3

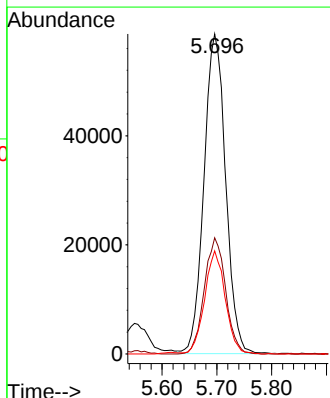
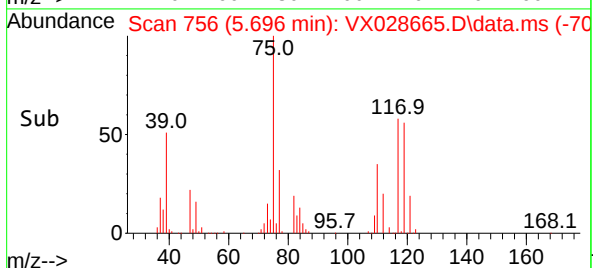
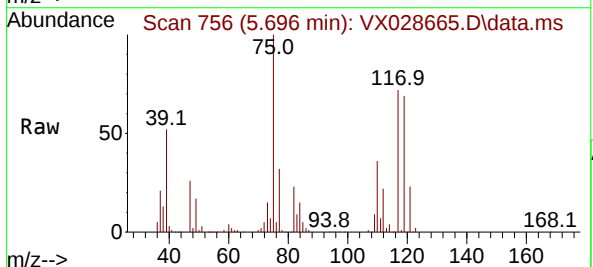
Manual Integrations
APPROVED

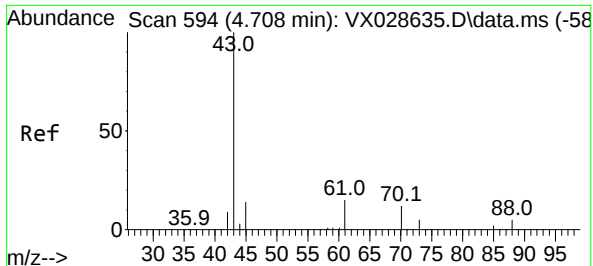
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 49.655 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 75 Resp: 160857
Ion Ratio Lower Upper
75 100
110 35.7 18.3 54.8
77 30.7 24.8 37.2





#37

Ethyl Acetate

Concen: 53.195 ug/l

RT: 4.714 min Scan# 594

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 43 Resp: 17999

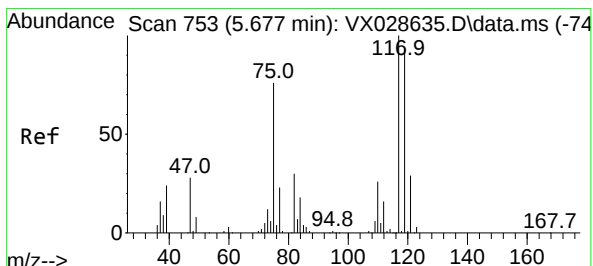
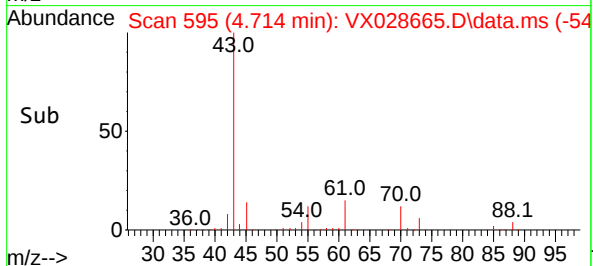
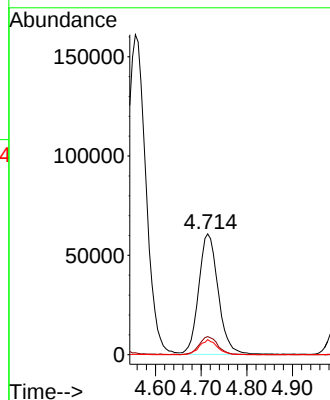
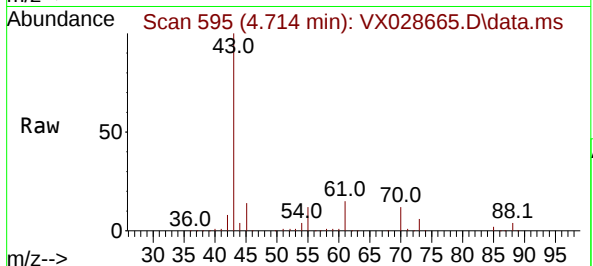
Ion	Ratio	Lower	Upper
43	100		
61	14.5	12.6	19.0
70	11.3	10.2	15.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#38

Carbon Tetrachloride

Concen: 50.611 ug/l

RT: 5.684 min Scan# 754

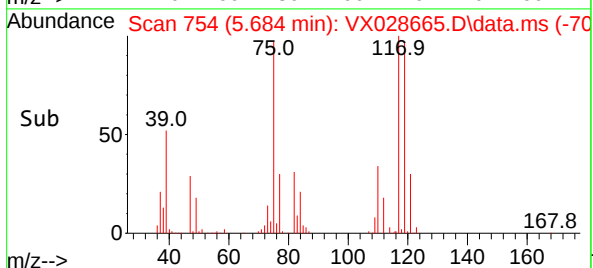
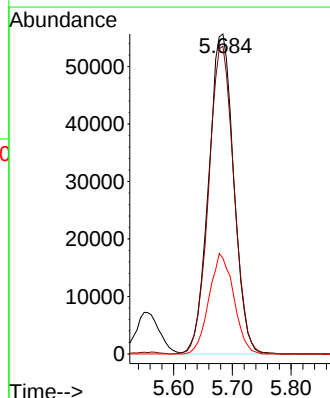
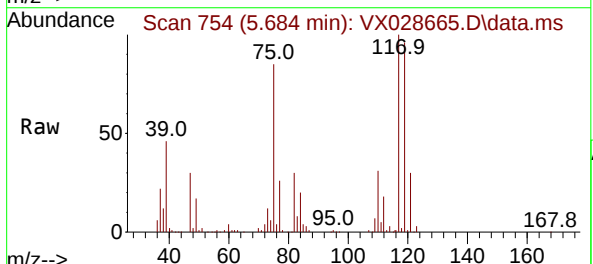
Delta R.T. 0.007 min

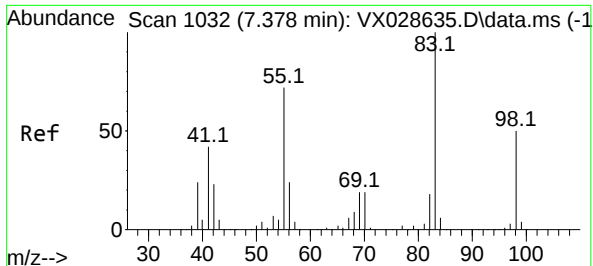
Lab File: VX028665.D

Acq: 13 May 2022 02:11

Tgt Ion:117 Resp: 164999

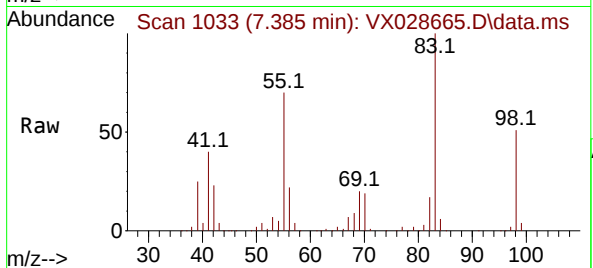
Ion	Ratio	Lower	Upper
117	100		
119	96.2	77.3	115.9
121	29.9	24.2	36.2





#39
Methylcyclohexane
Concen: 49.507 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

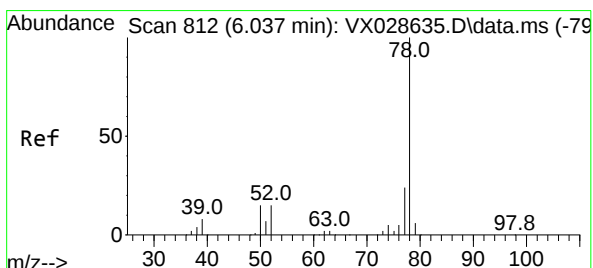
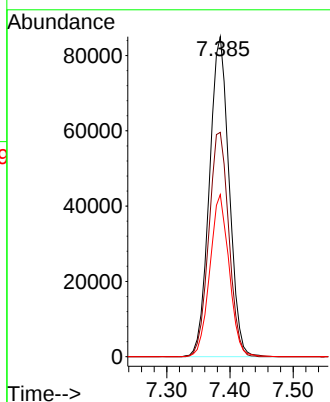
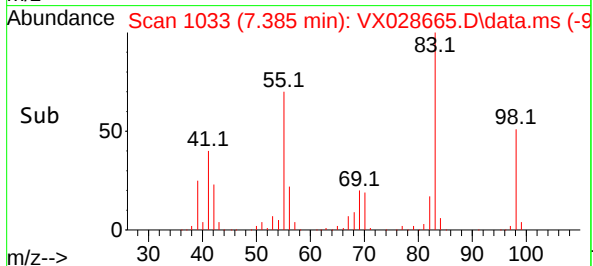
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 83 Resp: 183924
Ion Ratio Lower Upper
83 100
55 70.1 54.6 81.8
98 50.6 37.4 56.2

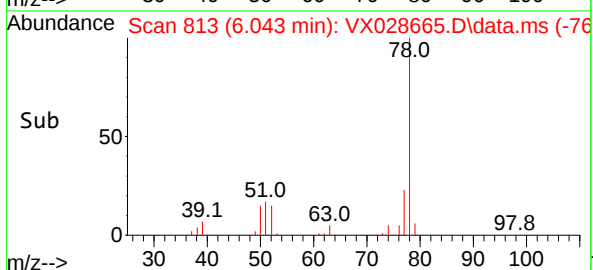
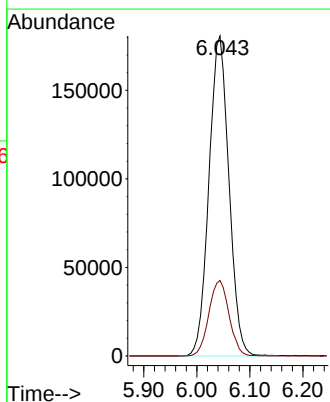
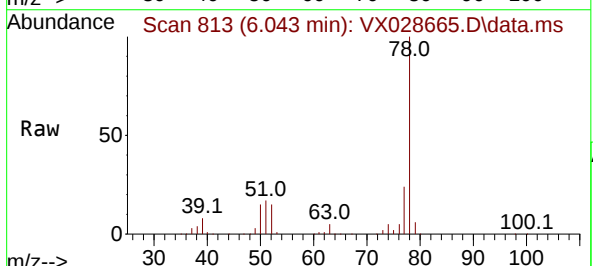
Manual Integrations
APPROVED

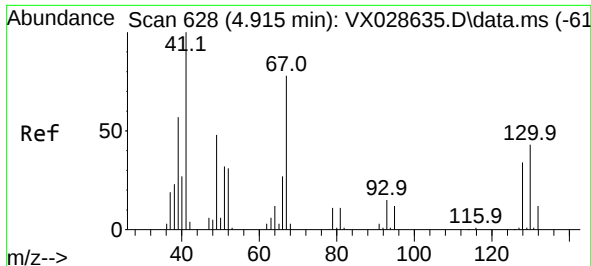
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#40
Benzene
Concen: 50.714 ug/l
RT: 6.043 min Scan# 813
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 78 Resp: 472163
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





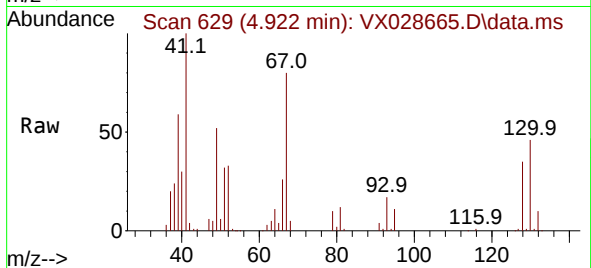
#41
Methacrylonitrile
Concen: 51.736 ug/l
RT: 4.922 min Scan# 61
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC



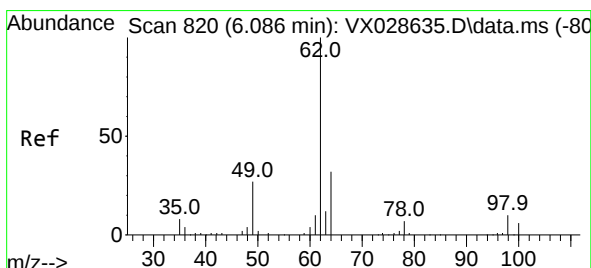
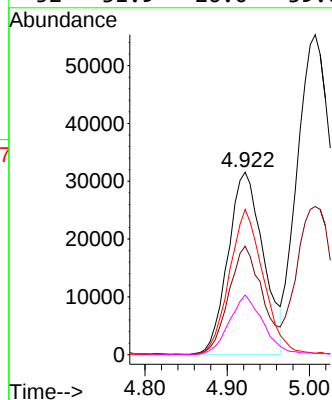
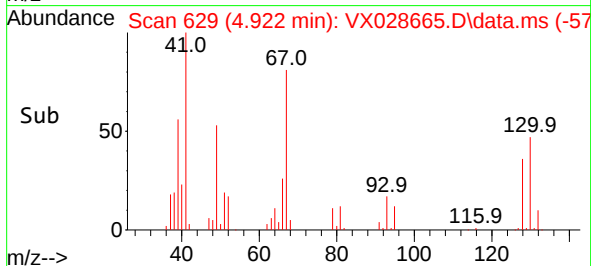
Tgt Ion: 41 Resp: 93860
Ion Ratio Lower Upper
41 100
39 57.6 43.0 64.4
67 77.6 70.2 105.4
52 31.9 26.0 39.0

Manual Integrations

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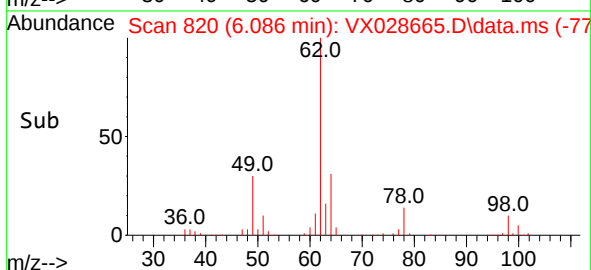
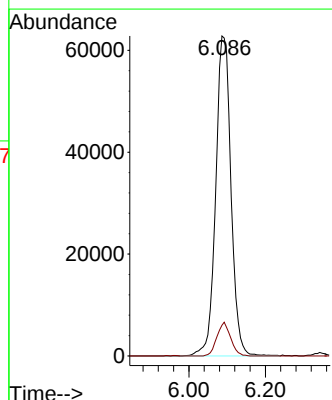
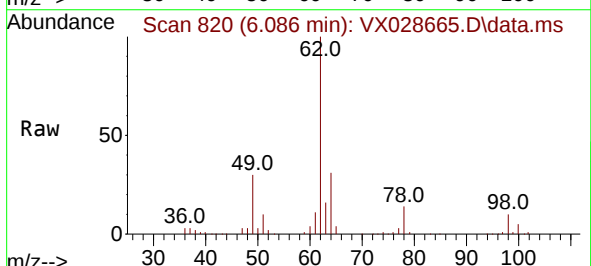
Reviewed By :John Carlone 05/13/2022

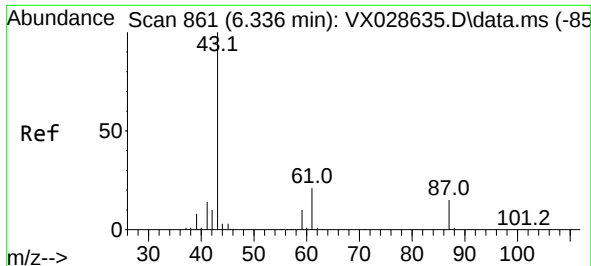
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 50.718 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 62 Resp: 174173
Ion Ratio Lower Upper
62 100
98 9.4 0.0 20.4





#43

Isopropyl Acetate

Concen: 52.218 ug/l

RT: 6.342 min Scan# 80

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

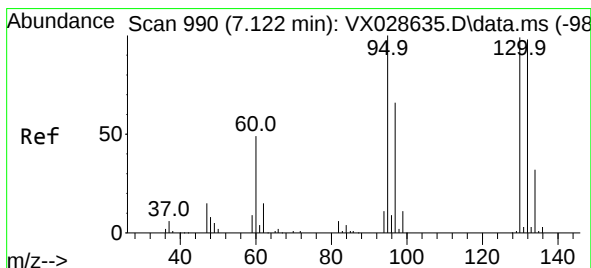
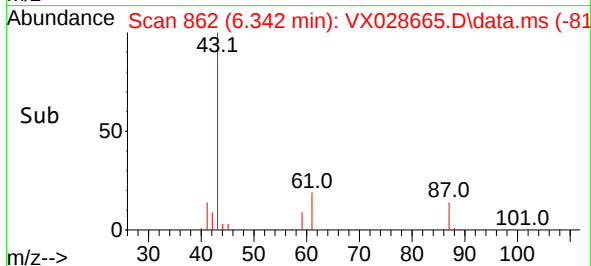
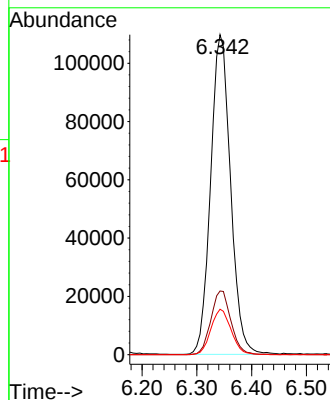
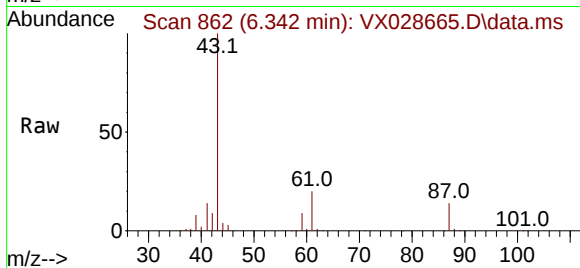
Tgt Ion: 43	Resp: 27641
Ion Ratio	Lower Upper
43	100
61	20.2 18.5 27.7
87	14.4 13.0 19.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#44

Trichloroethene

Concen: 49.747 ug/l

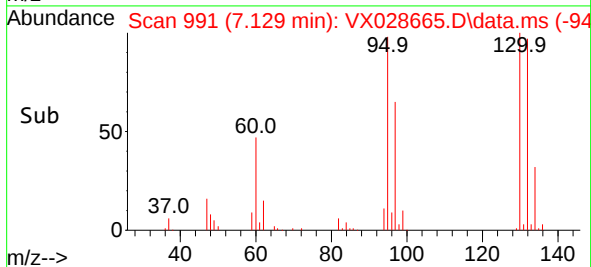
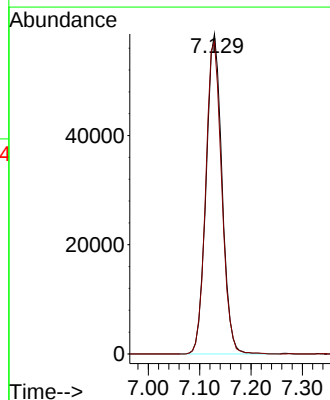
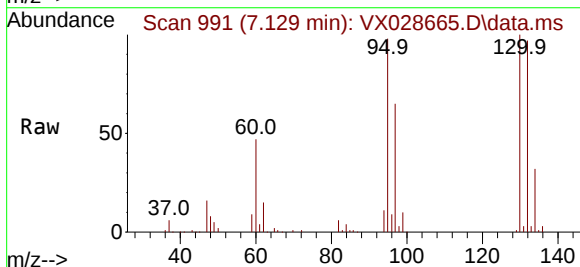
RT: 7.129 min Scan# 991

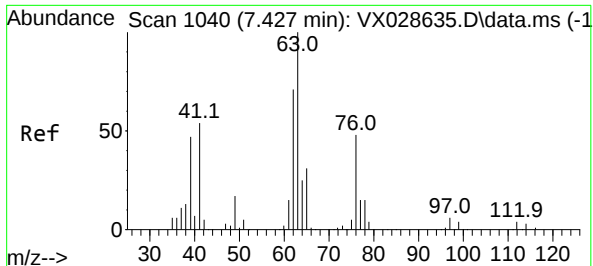
Delta R.T. 0.007 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Tgt Ion:130	Resp: 125612
Ion Ratio	Lower Upper
130	100
95	97.5 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.112 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 63 Resp: 11872

Ion Ratio Lower Upper

63 100

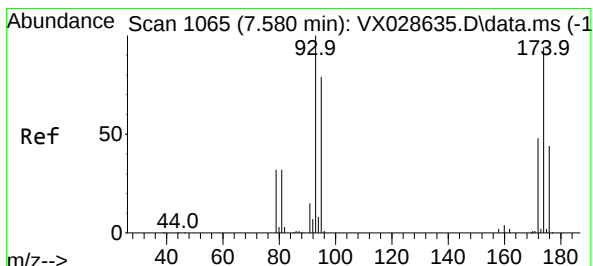
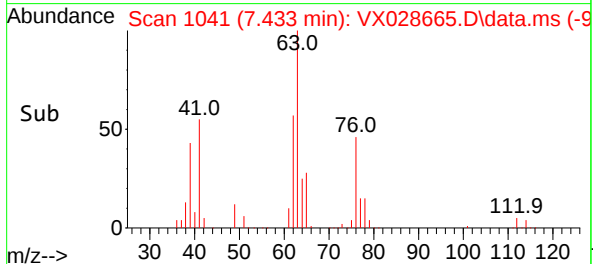
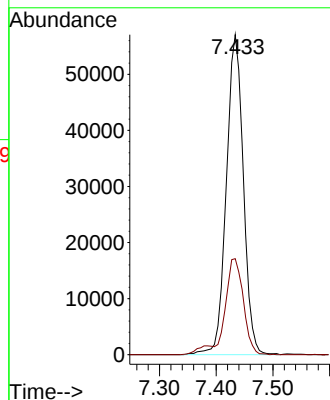
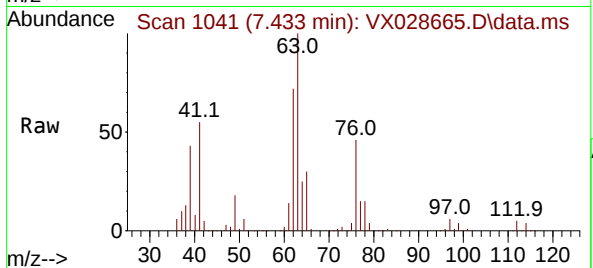
65 30.0 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 50.895 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

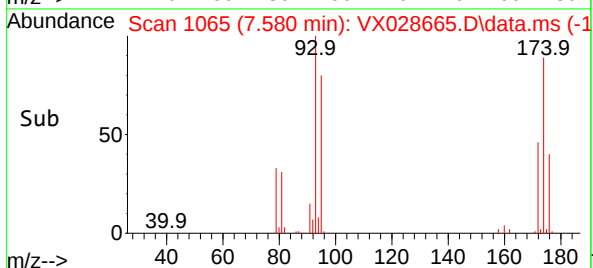
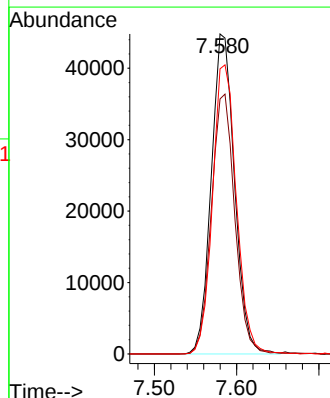
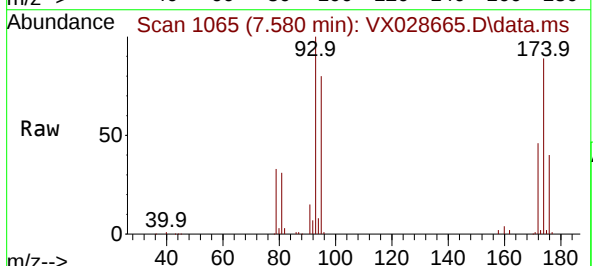
Tgt Ion: 93 Resp: 88288

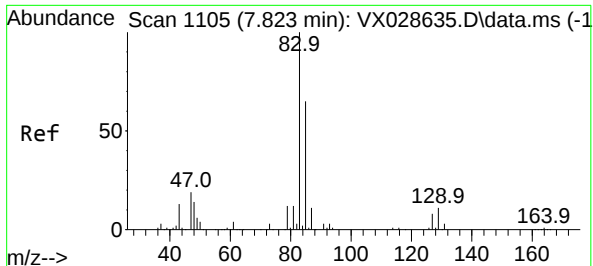
Ion Ratio Lower Upper

93 100

95 81.6 65.8 98.6

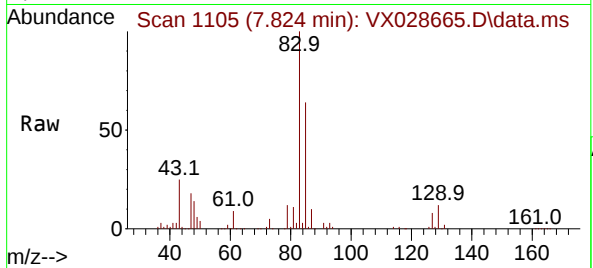
174 92.6 85.4 128.2





#47
Bromodichloromethane
Concen: 51.486 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

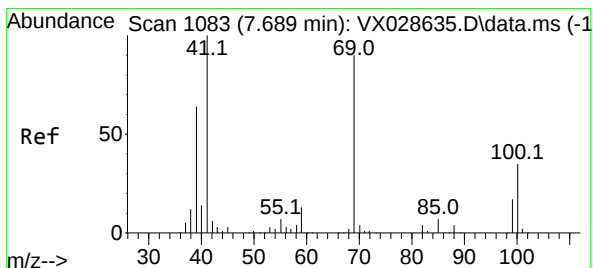
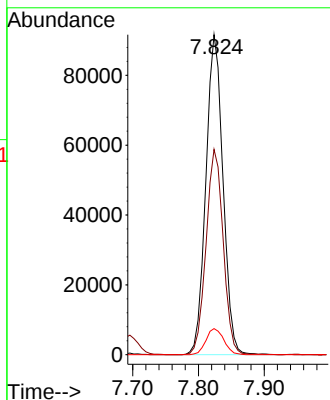
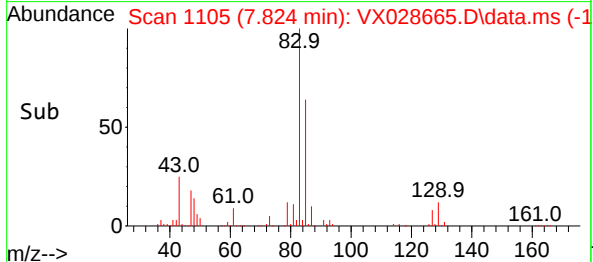
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



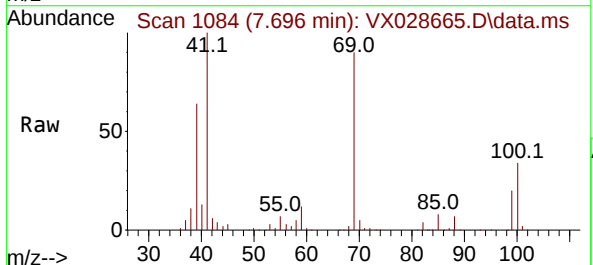
Tgt Ion: 83 Resp: 165818
Ion Ratio Lower Upper
83 100
85 64.2 52.2 78.2
127 8.2 6.8 10.2

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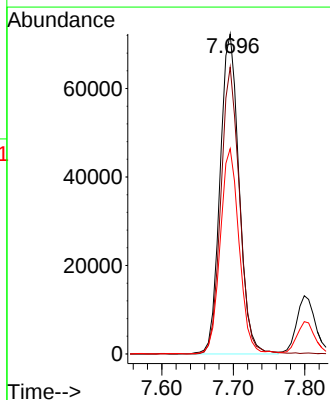
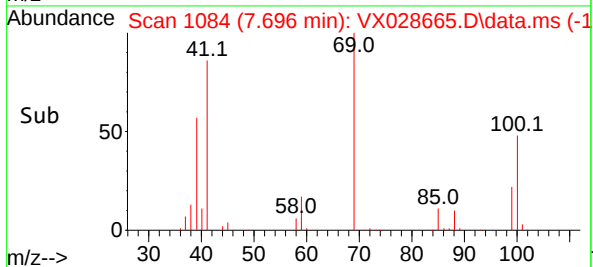
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

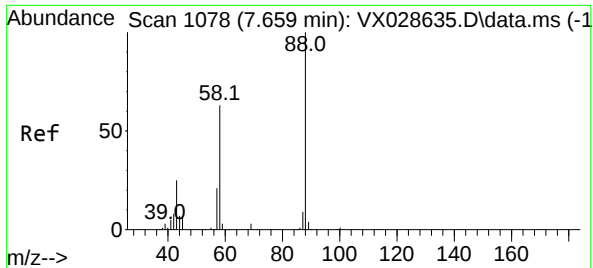


#48
Methyl methacrylate
Concen: 52.381 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



Tgt Ion: 41 Resp: 133944
Ion Ratio Lower Upper
41 100
69 87.8 82.5 123.7
39 64.0 43.8 65.8





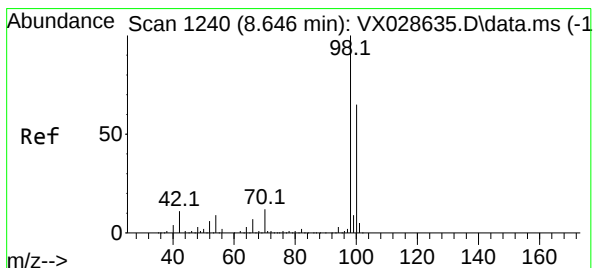
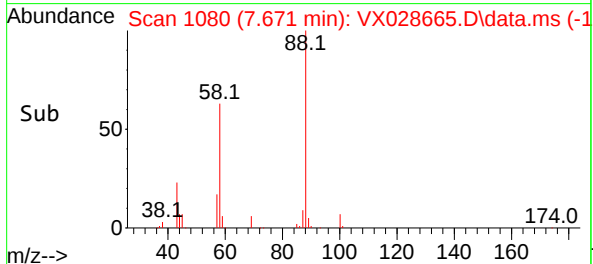
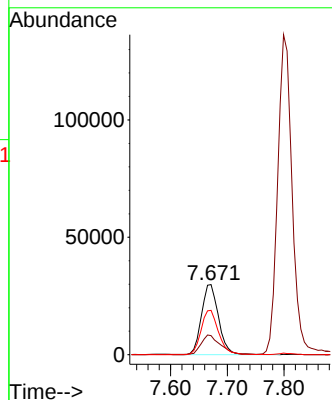
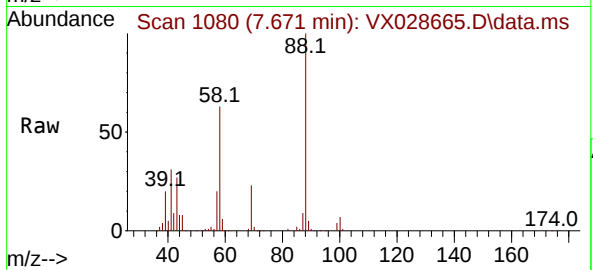
#49
1,4-Dioxane
Concen: 977.007 ug/l
RT: 7.671 min Scan# 1078
Delta R.T. 0.012 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 88 Resp: 6241
Ion Ratio Lower Upper
88 100
43 30.9 21.9 32.9
58 64.6 53.7 80.5

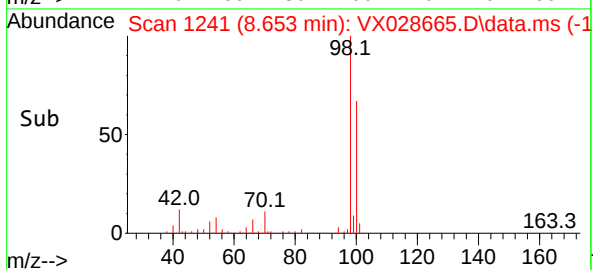
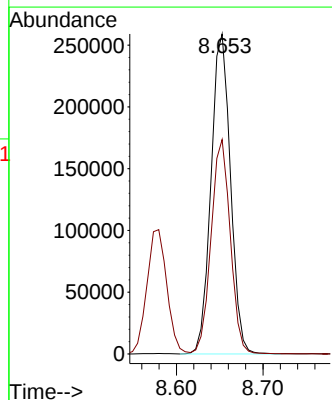
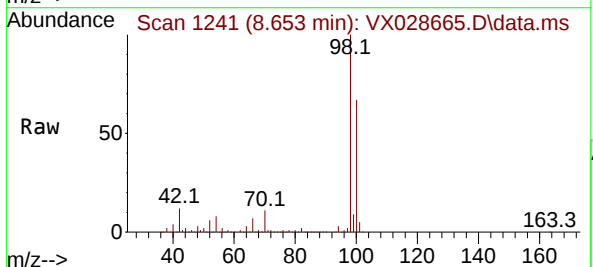
Manual Integrations
APPROVED

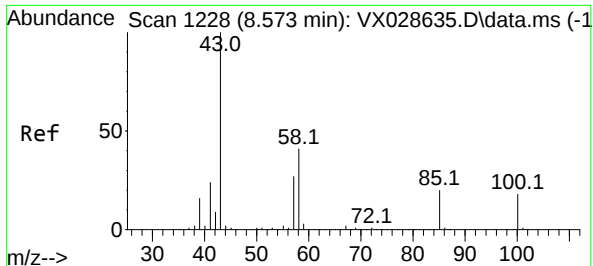
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 49.667 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

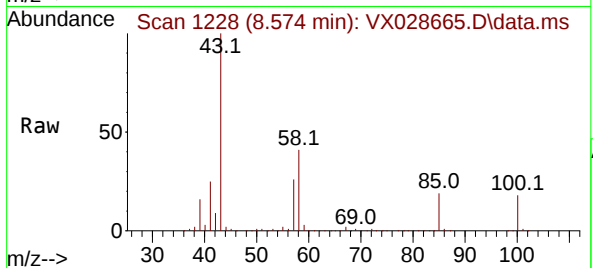
Tgt Ion: 98 Resp: 403869
Ion Ratio Lower Upper
98 100
100 66.3 52.6 78.8





#51
4-Methyl-2-Pentanone
Concen: 259.717 ug/l
RT: 8.574 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

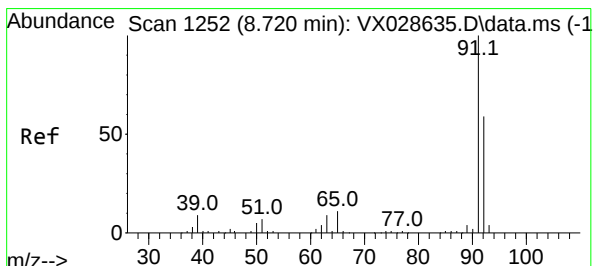
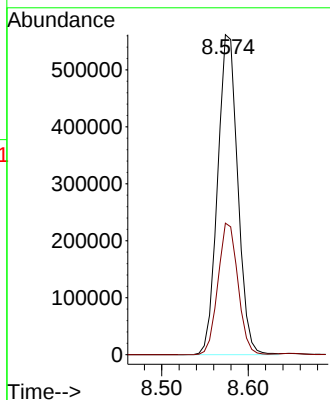
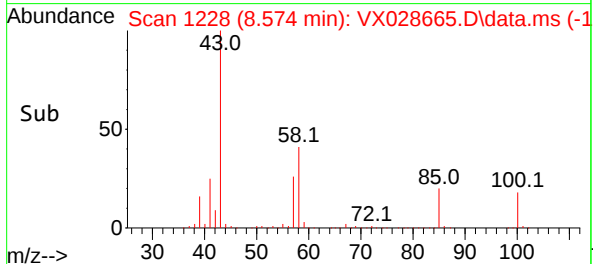
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 90556
Ion Ratio Lower Upper
43 100
58 40.8 36.1 54.1

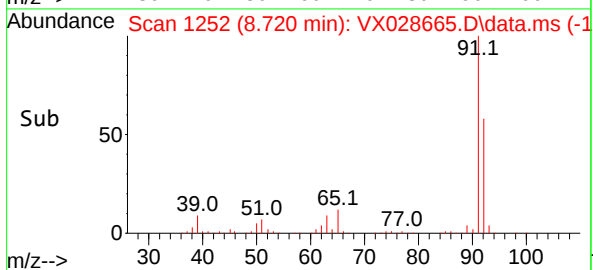
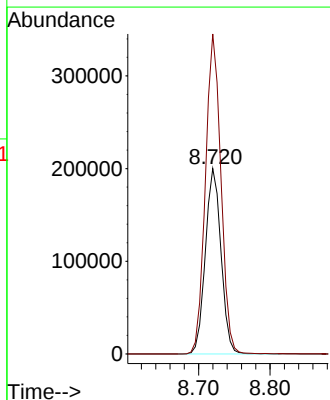
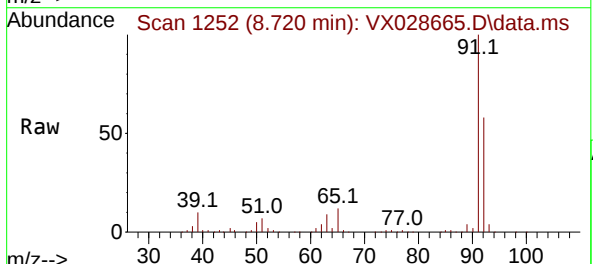
Manual Integrations
APPROVED

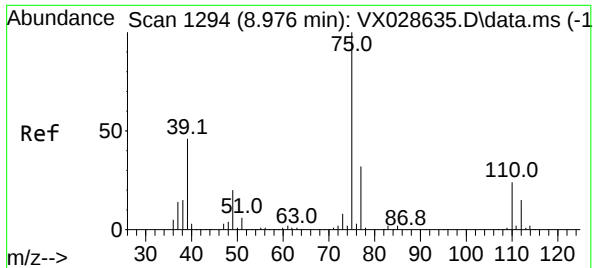
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 50.758 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Tgt Ion: 92 Resp: 303995
Ion Ratio Lower Upper
92 100
91 170.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 45.395 ug/l

RT: 8.982 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 75 Resp: 16771

Ion Ratio Lower Upper

75 100

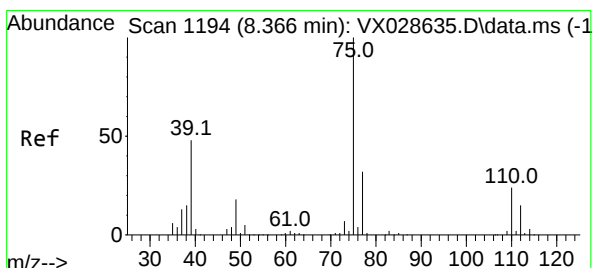
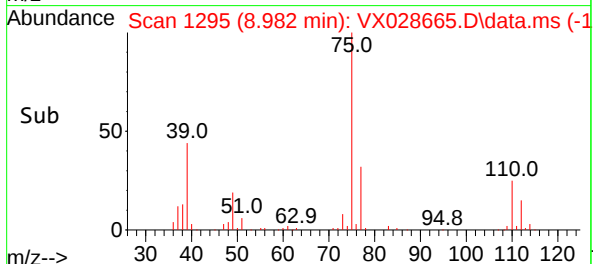
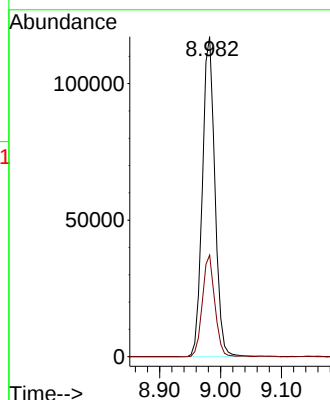
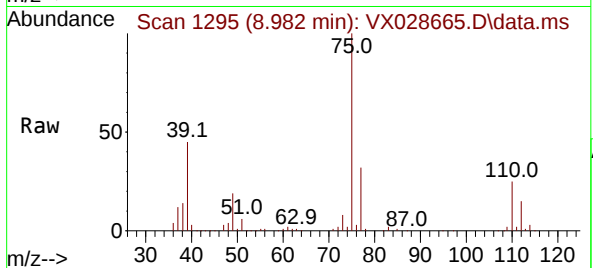
77 31.8 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 50.935 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

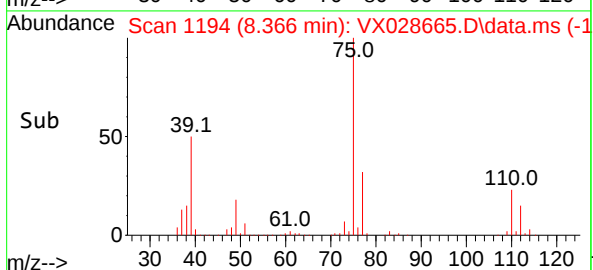
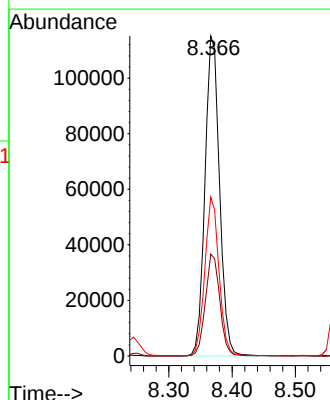
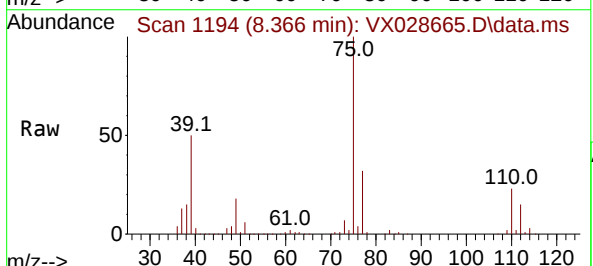
Tgt Ion: 75 Resp: 184582

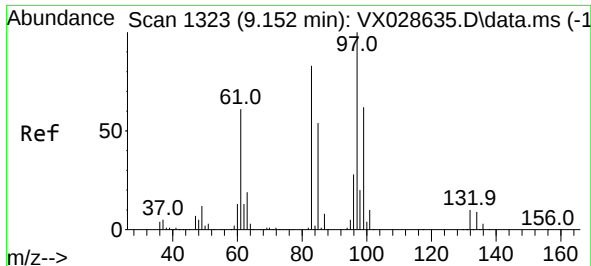
Ion Ratio Lower Upper

75 100

77 31.8 24.8 37.2

39 49.6 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 50.849 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. 0.001 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 97 Resp: 12418

Ion Ratio Lower Upper

97 100

83 85.5 66.2 99.4

85 55.2 42.9 64.3

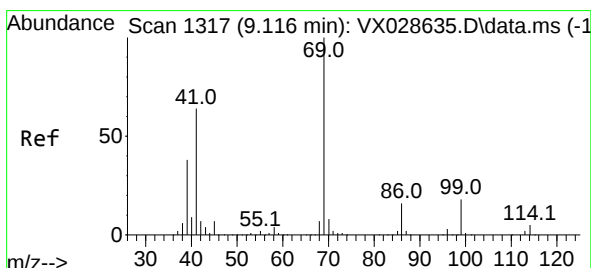
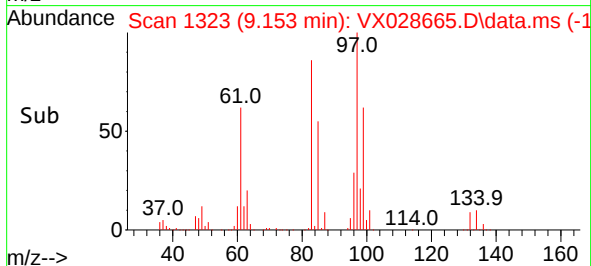
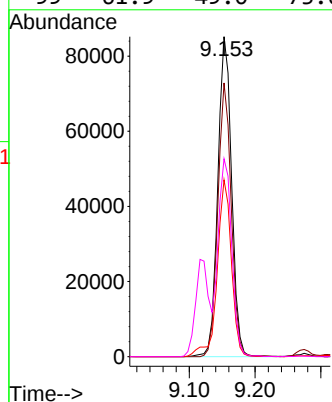
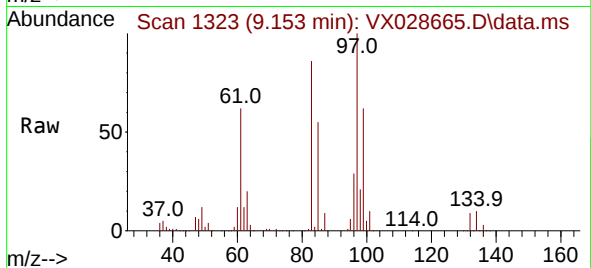
99 61.9 49.0 73.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 52.392 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

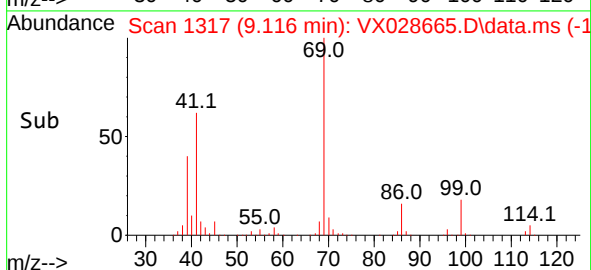
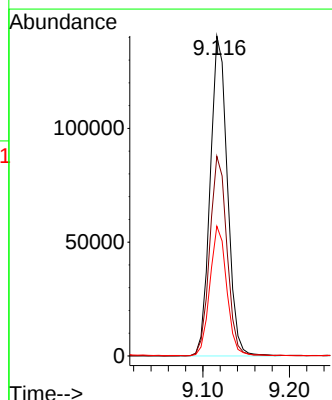
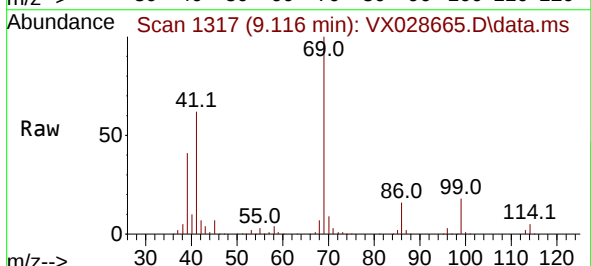
Tgt Ion: 69 Resp: 193761

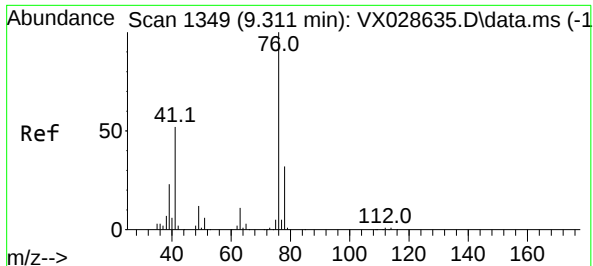
Ion Ratio Lower Upper

69 100

41 62.8 43.8 65.6

39 39.6 22.2 33.2





#57

1,3-Dichloropropane

Concen: 51.050 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 76 Resp: 21027

Ion Ratio Lower Upper

76 100

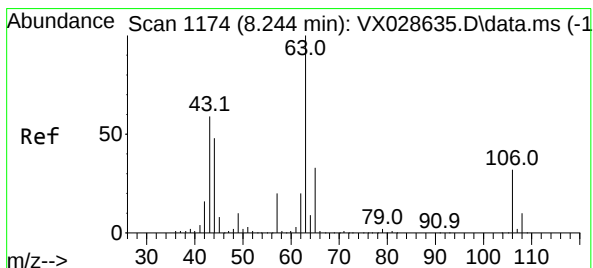
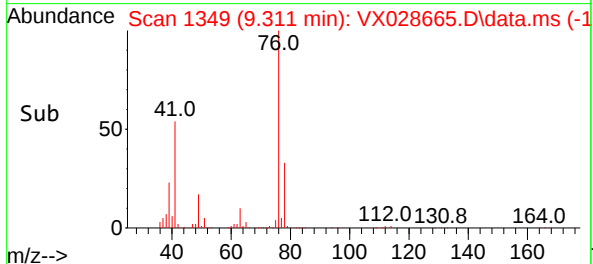
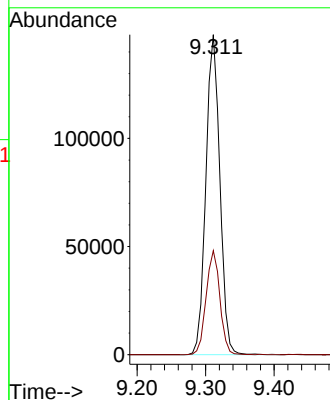
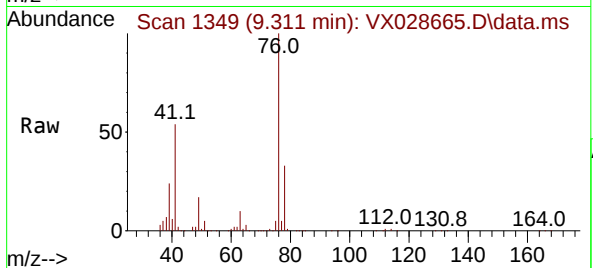
78 32.0 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 257.768 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028665.D

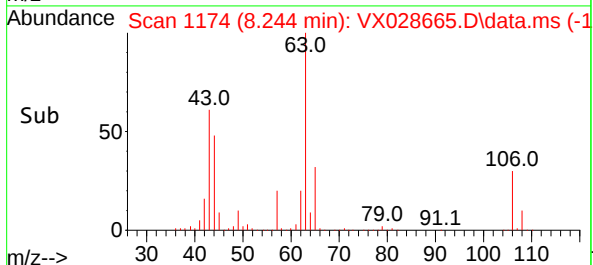
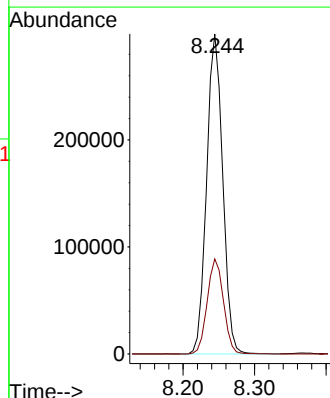
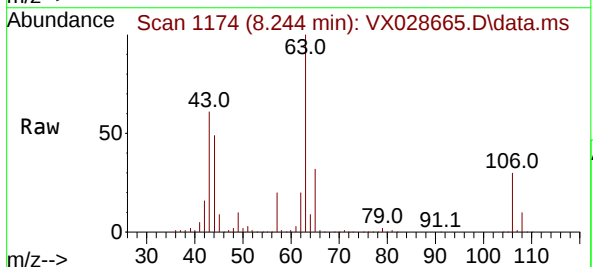
Acq: 13 May 2022 02:11

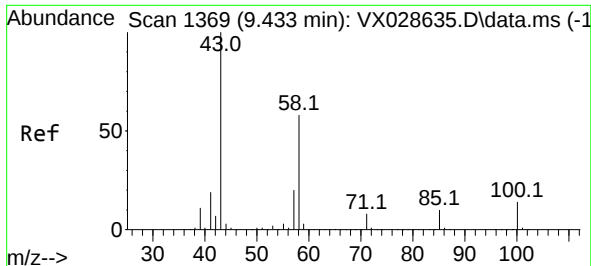
Tgt Ion: 63 Resp: 466719

Ion Ratio Lower Upper

63 100

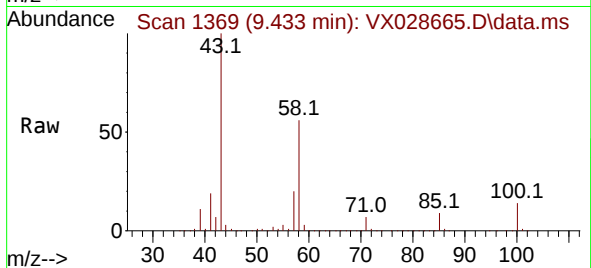
106 30.0 23.9 35.9





#59
2-Hexanone
Concen: 263.411 ug/l
RT: 9.433 min Scan# 1369
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

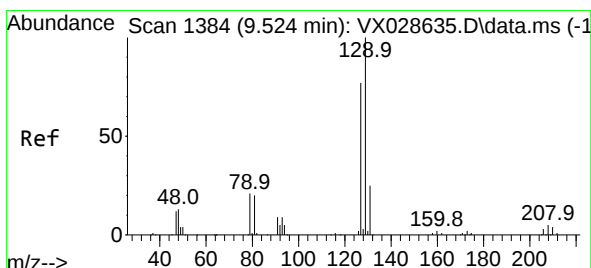
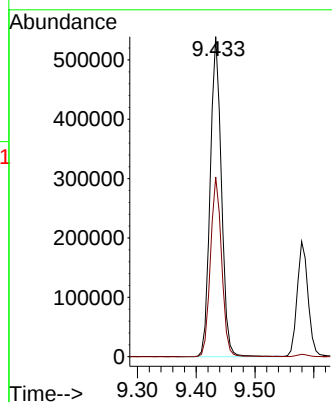
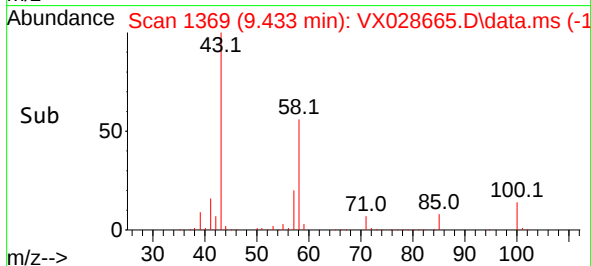
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion: 43 Resp: 713569
Ion Ratio Lower Upper
43 100
58 56.2 31.9 95.7

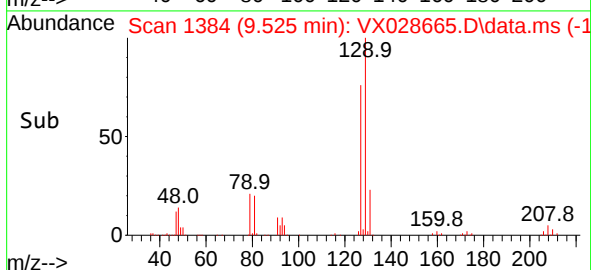
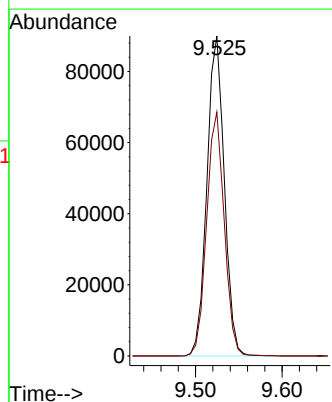
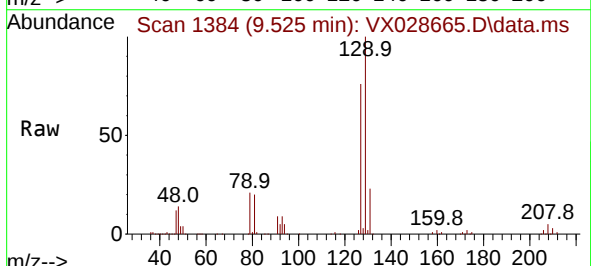
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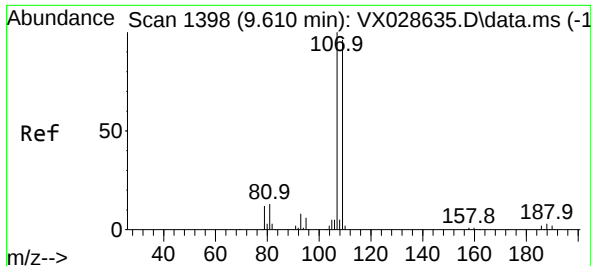
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#60
Dibromochloromethane
Concen: 52.632 ug/l
RT: 9.525 min Scan# 1384
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

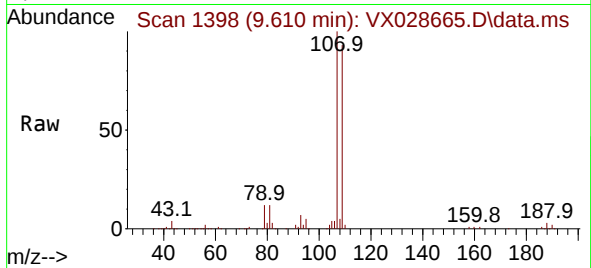
Tgt Ion:129 Resp: 125357
Ion Ratio Lower Upper
129 100
127 77.2 40.3 120.8





#61
1,2-Dibromoethane
Concen: 51.680 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

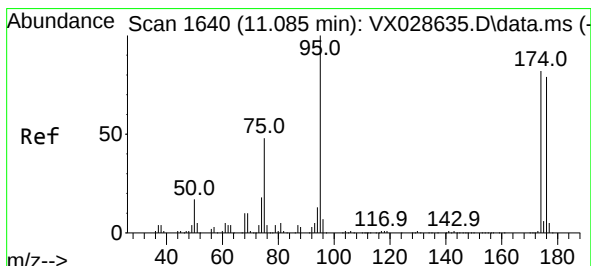
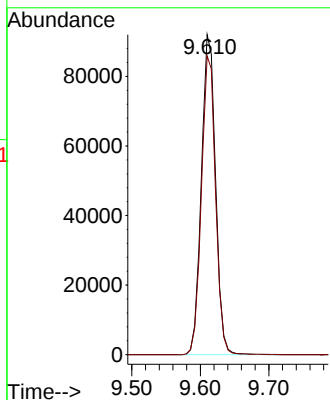
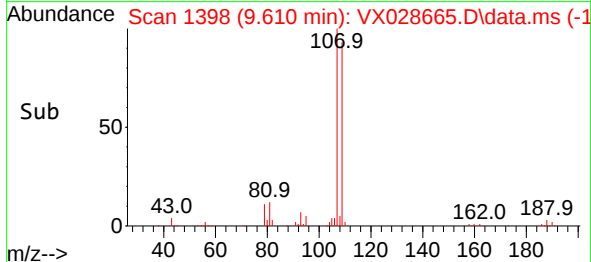
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:107 Resp: 13256
Ion Ratio Lower Upper
107 100
109 93.1 74.4 111.6

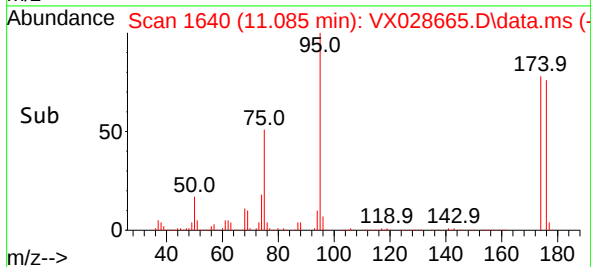
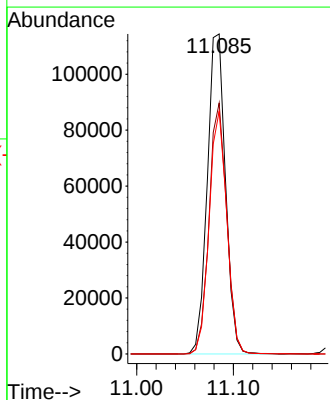
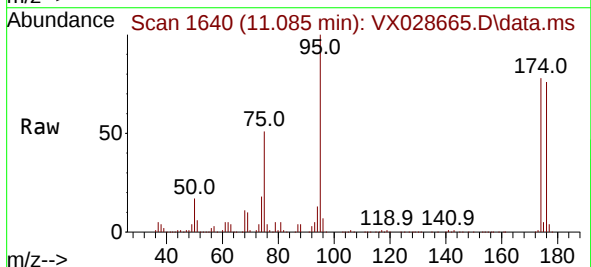
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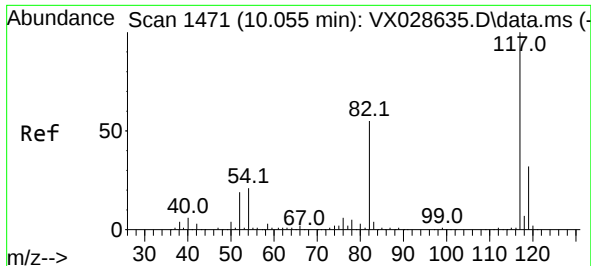
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#62
4-Bromofluorobenzene
Concen: 49.296 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

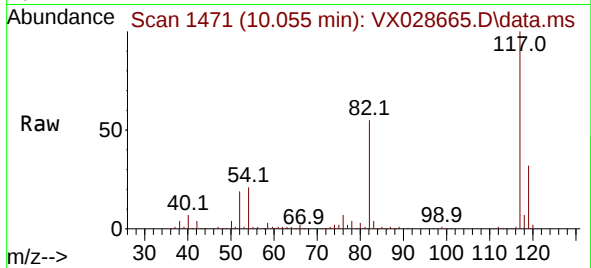
Tgt Ion: 95 Resp: 149723
Ion Ratio Lower Upper
95 100
174 76.0 0.0 163.0
176 73.7 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

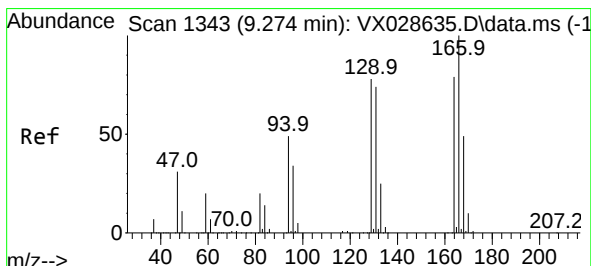
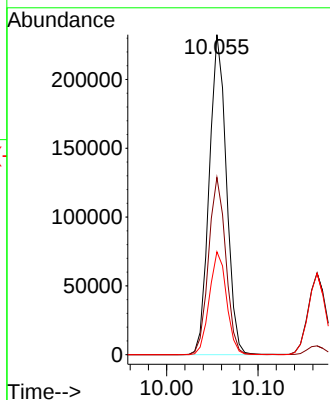
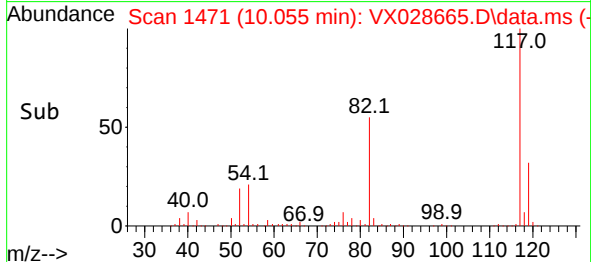
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:117 Resp: 30226
Ion Ratio Lower Upper
117 100
82 55.4 41.8 62.8
119 32.2 24.8 37.2

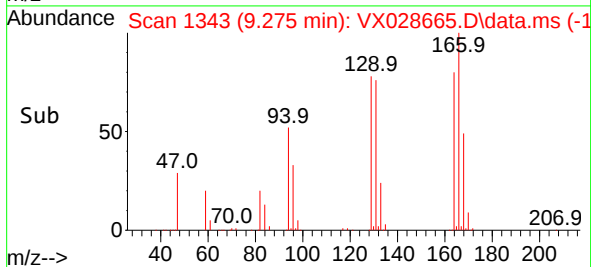
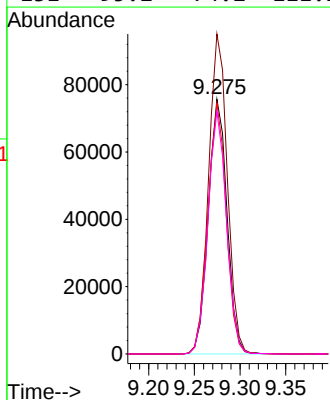
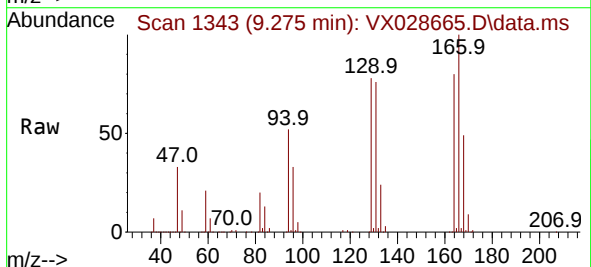
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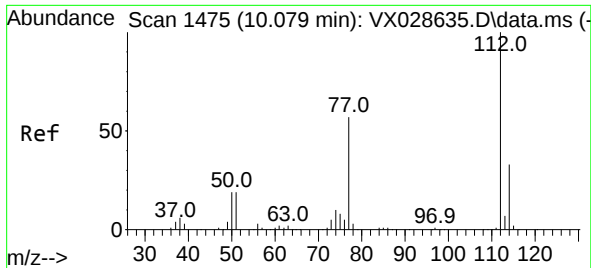
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 47.138 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

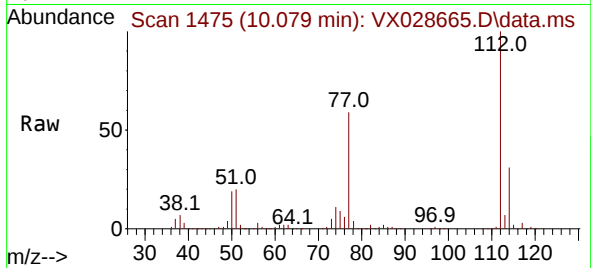
Tgt Ion:164 Resp: 107596
Ion Ratio Lower Upper
164 100
166 125.6 101.2 151.8
129 98.4 73.0 109.4
131 95.2 74.2 111.2





#65
Chlorobenzene
Concen: 50.540 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

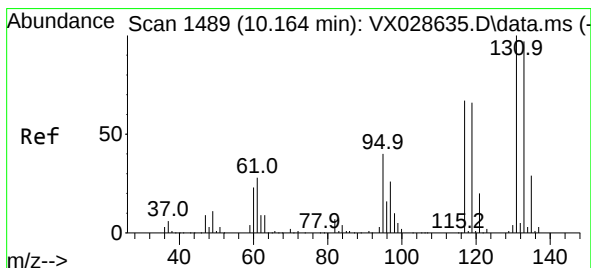
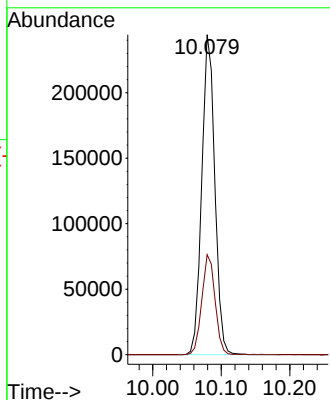
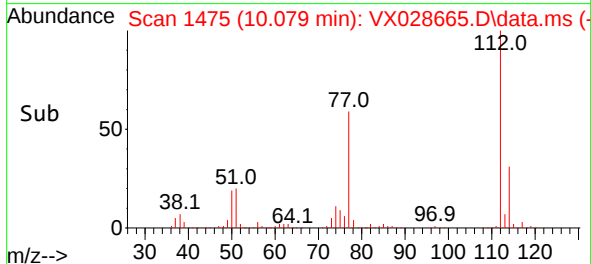
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



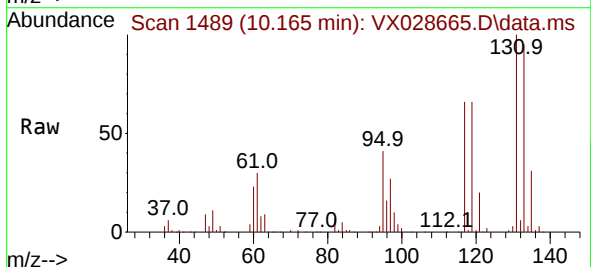
Tgt Ion:112 Resp: 324080
Ion Ratio Lower Upper
112 100
114 31.3 25.8 38.8

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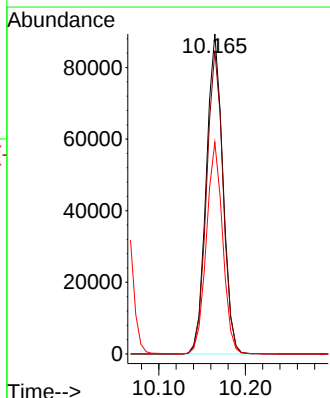
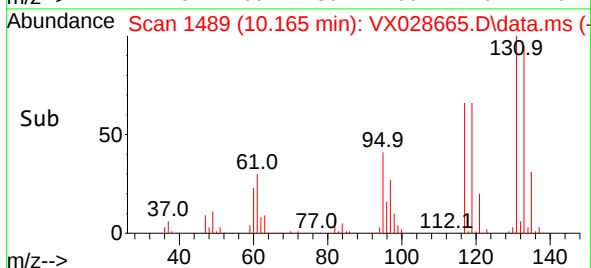
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

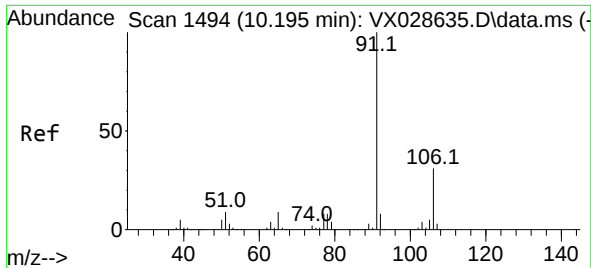


#66
1,1,1,2-Tetrachloroethane
Concen: 52.341 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



Tgt Ion:131 Resp: 118893
Ion Ratio Lower Upper
131 100
133 94.3 48.3 144.8
119 65.0 32.6 98.0





#67

Ethyl Benzene

Concen: 51.396 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 59072

Ion Ratio Lower Upper

91 100

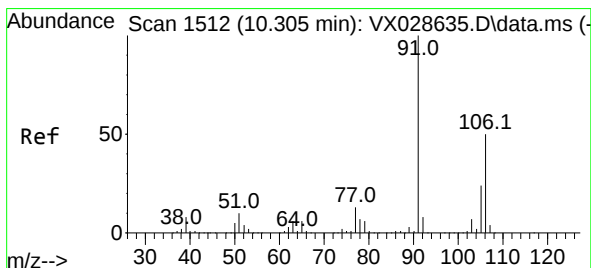
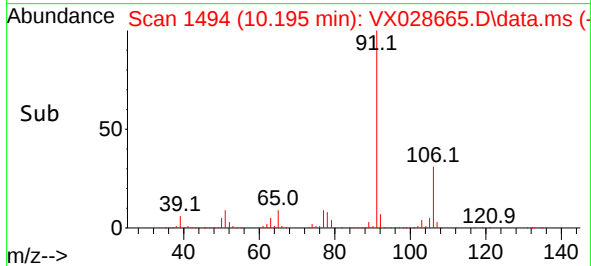
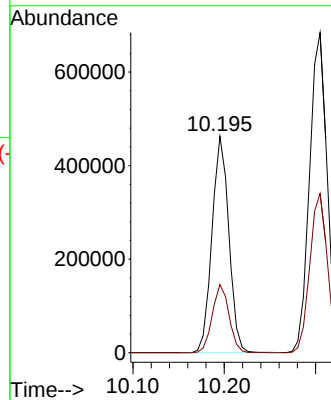
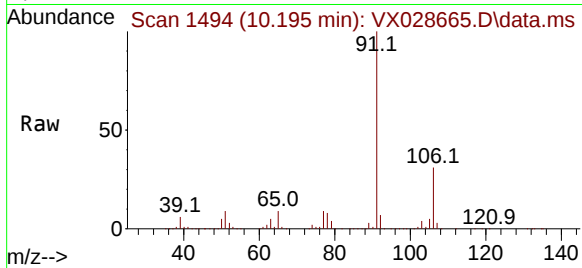
106 31.5 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#68

m/p-Xylenes

Concen: 102.158 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028665.D

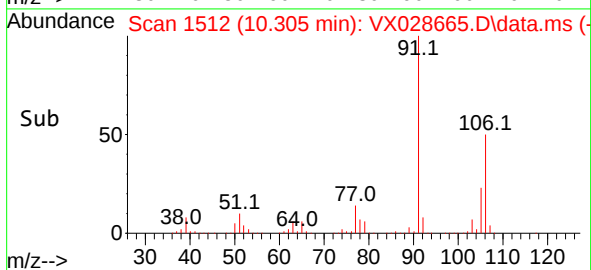
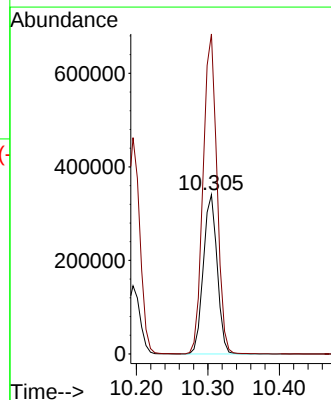
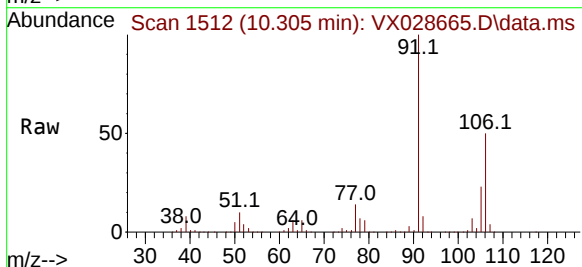
Acq: 13 May 2022 02:11

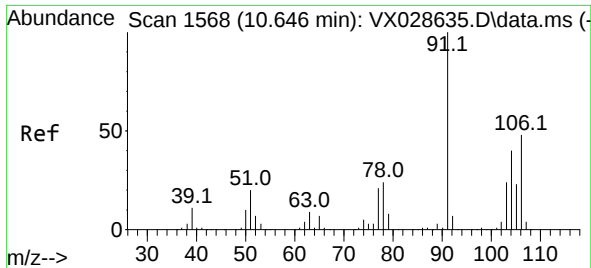
Tgt Ion:106 Resp: 457130

Ion Ratio Lower Upper

106 100

91 201.4 160.4 240.6





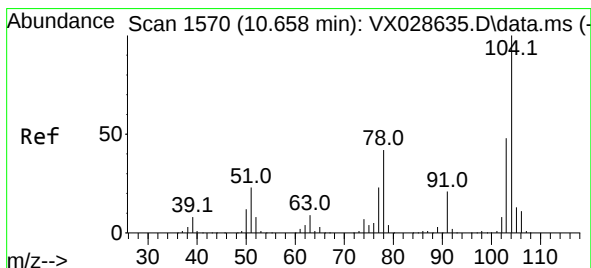
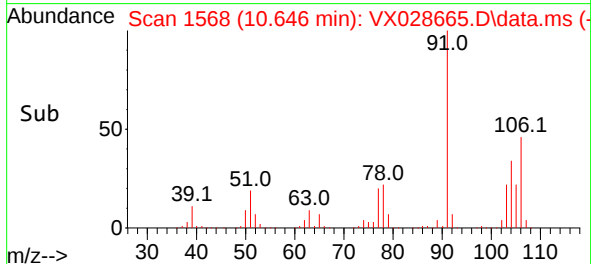
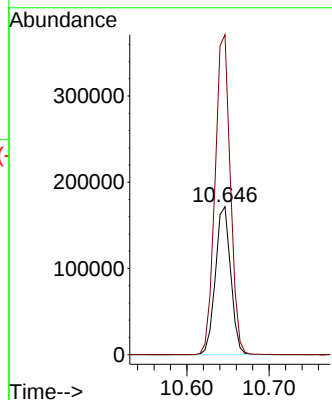
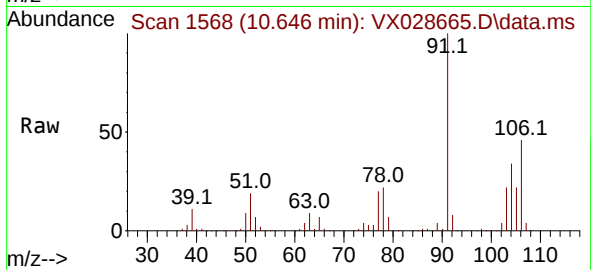
#69
o-Xylene
Concen: 50.438 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion:106 Resp: 22221
Ion Ratio Lower Upper
106 100
91 216.6 106.1 318.1

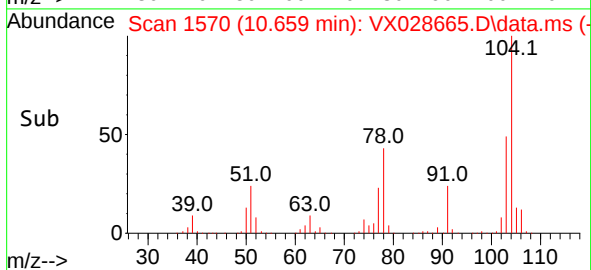
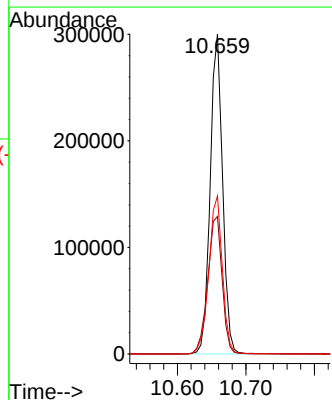
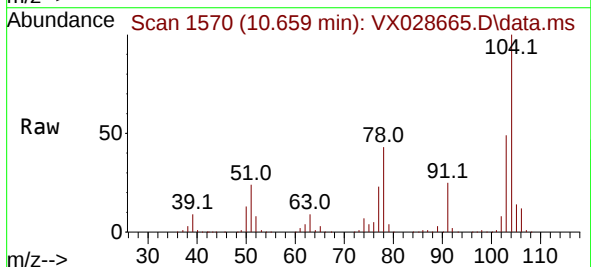
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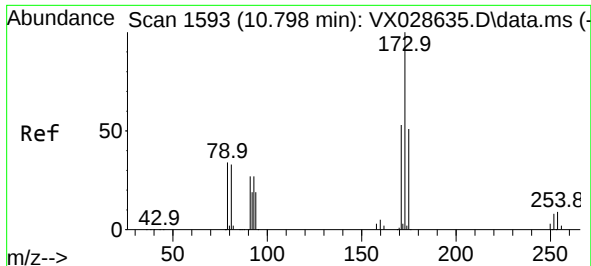
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 52.798 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

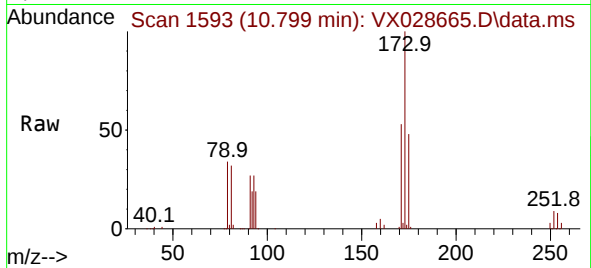
Tgt Ion:104 Resp: 377741
Ion Ratio Lower Upper
104 100
78 50.1 38.6 57.8
103 54.2 43.8 65.8





#71
Bromoform
Concen: 46.203 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

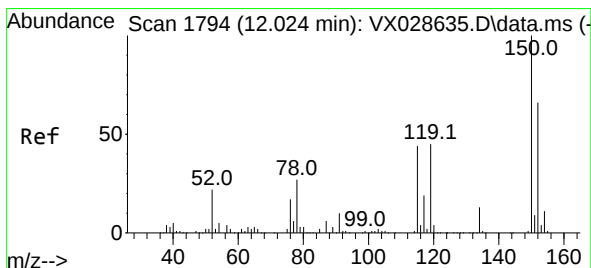
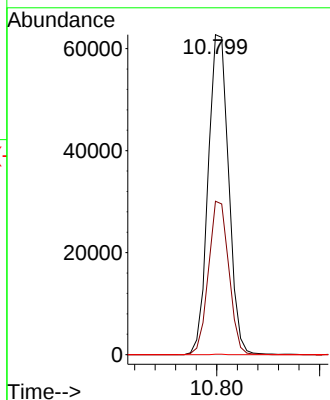
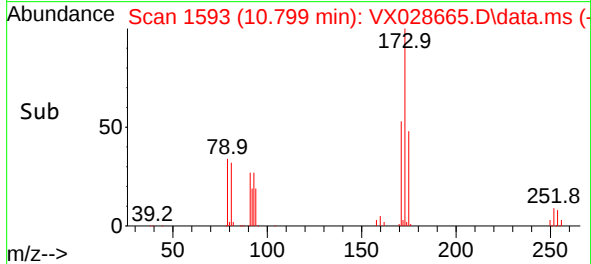
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



Tgt Ion:173 Resp: 86698
Ion Ratio Lower Upper
173 100
175 47.6 24.1 72.2
254 0.1 0.1 0.1

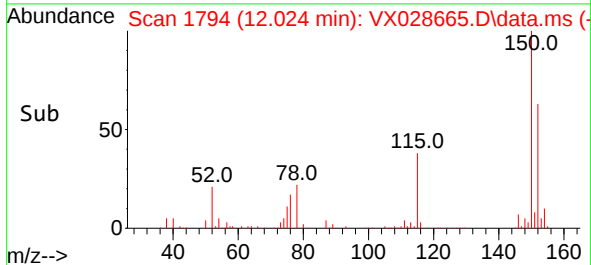
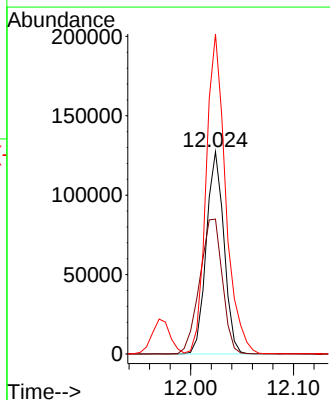
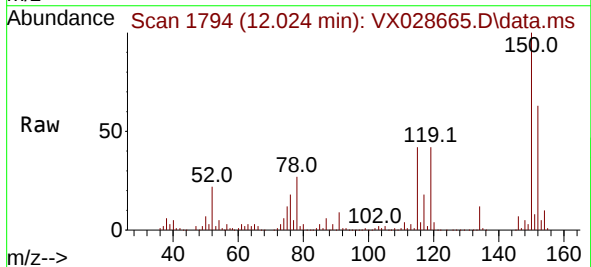
Manual Integrations
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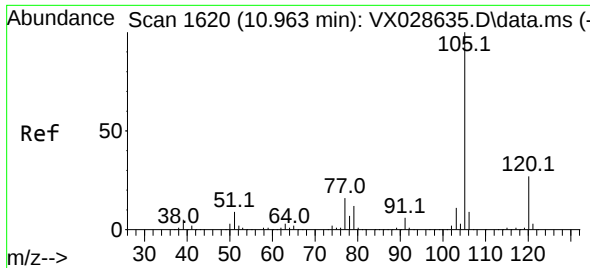
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

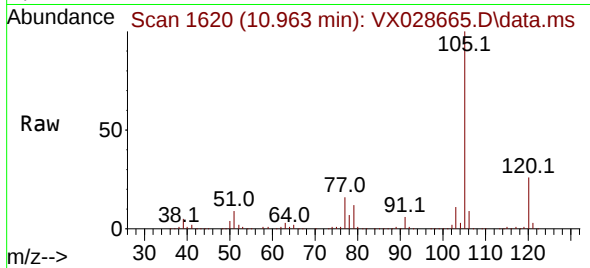
Tgt Ion:152 Resp: 152087
Ion Ratio Lower Upper
152 100
115 85.9 37.5 112.7
150 175.2 0.0 338.2





#73
Isopropylbenzene
Concen: 50.565 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

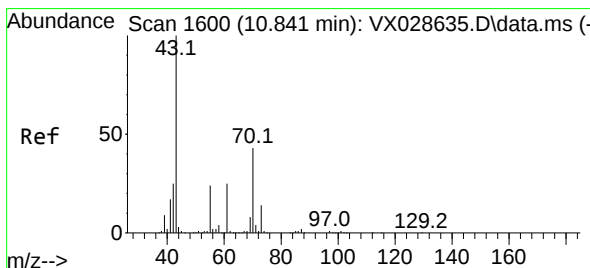
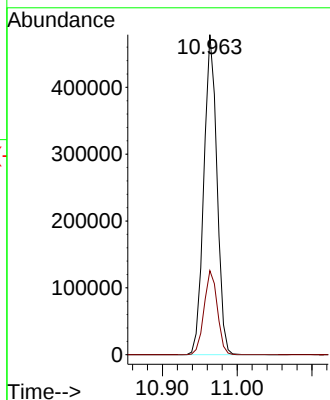
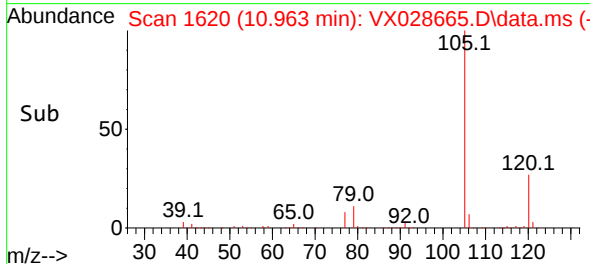
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



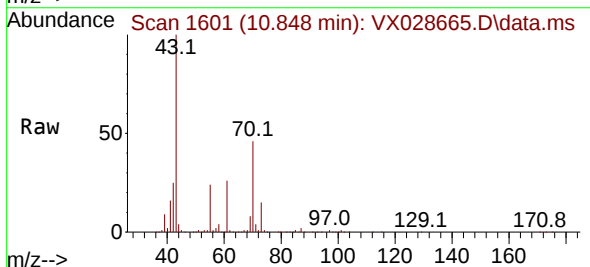
Tgt Ion:105 Resp: 583192
Ion Ratio Lower Upper
105 100
120 26.5 13.5 40.5

Manual Integrations
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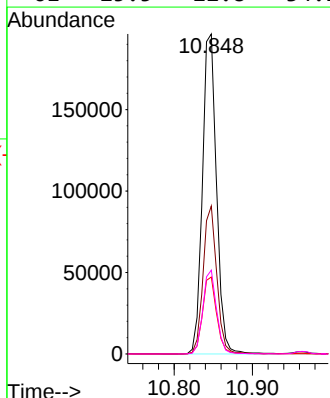
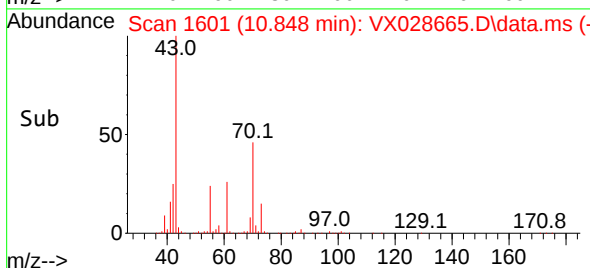
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

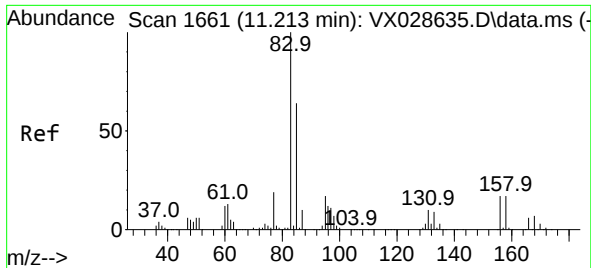


#74
N-ethyl acetate
Concen: 54.178 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



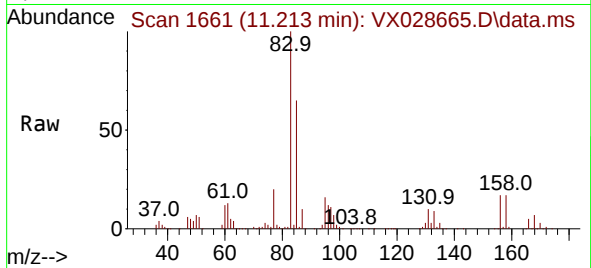
Tgt Ion: 43 Resp: 245628
Ion Ratio Lower Upper
43 100
70 45.0 42.5 63.7
55 24.2 23.1 34.7
61 25.5 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 51.509 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

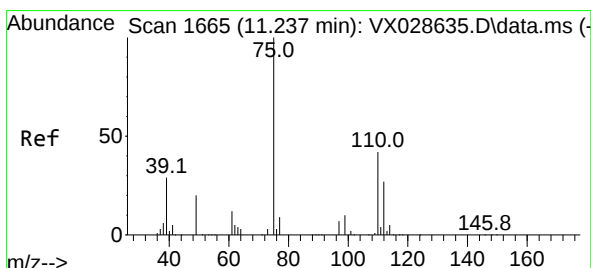
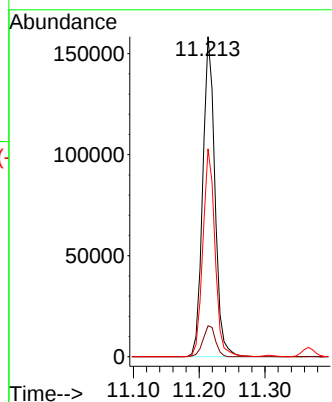
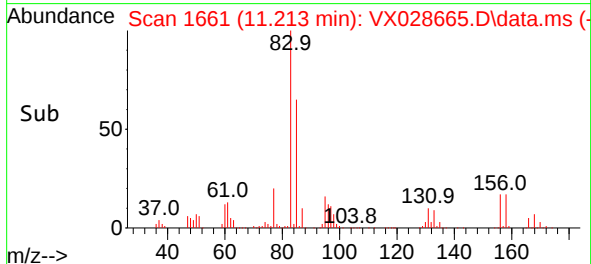
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



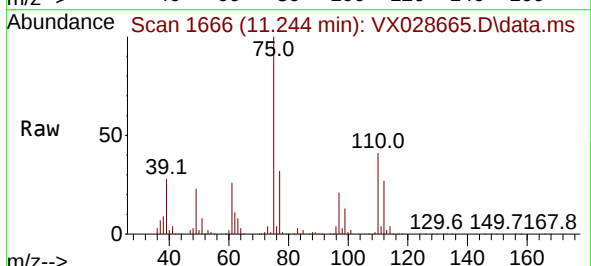
Tgt Ion: 83 Resp: 20380
Ion Ratio Lower Upper
83 100
131 9.9 5.1 15.3
85 64.4 32.6 97.7

Manual Integrations
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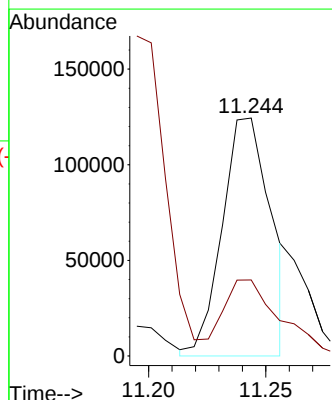
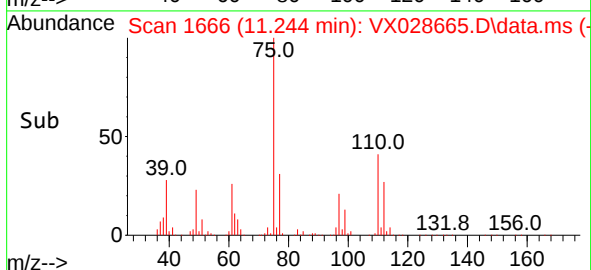
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

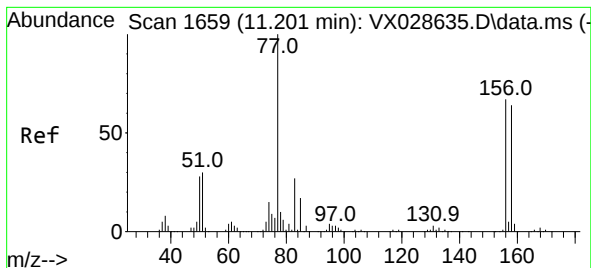


#76
1,2,3-Trichloropropane
Concen: 50.347 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.007 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



Tgt Ion: 75 Resp: 179322
Ion Ratio Lower Upper
75 100
77 38.8 19.4 58.2





#77

Bromobenzene

Concen: 49.695 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:156 Resp: 135610

Ion Ratio Lower Upper

156 100

77 163.0 78.5 235.3

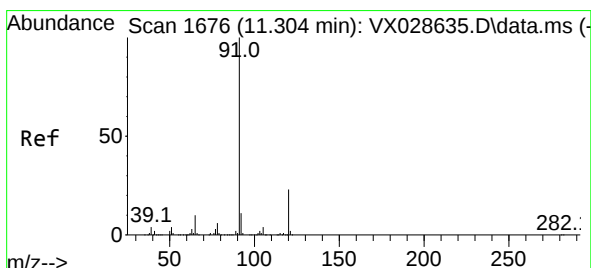
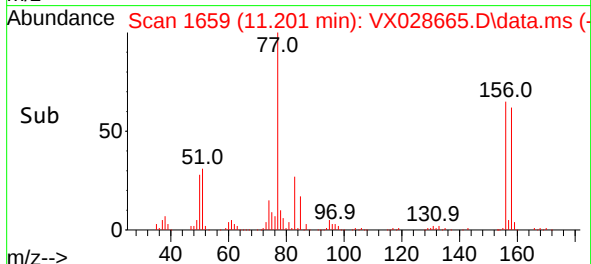
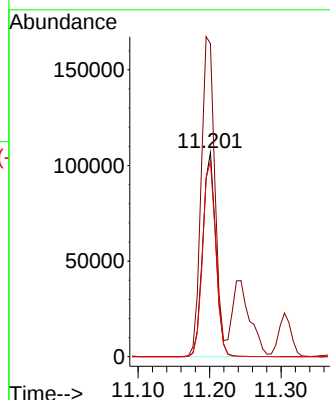
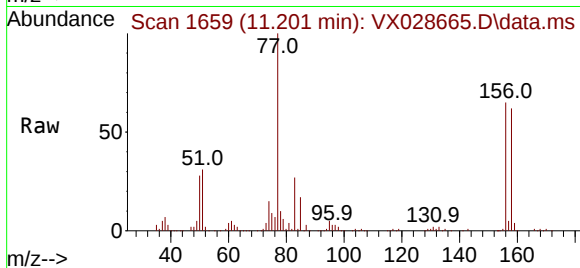
158 96.9 50.2 150.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 50.812 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX028665.D

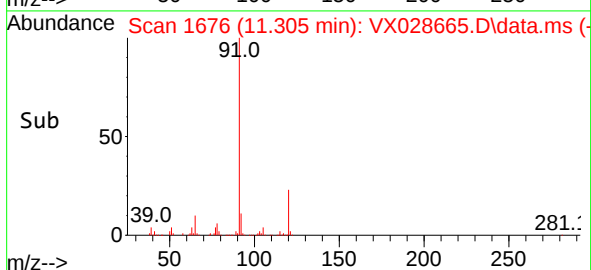
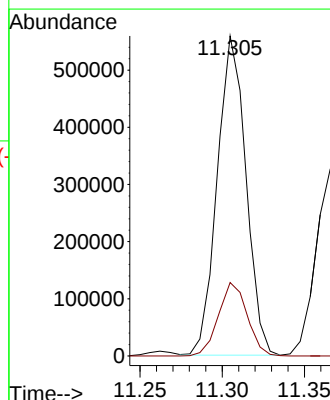
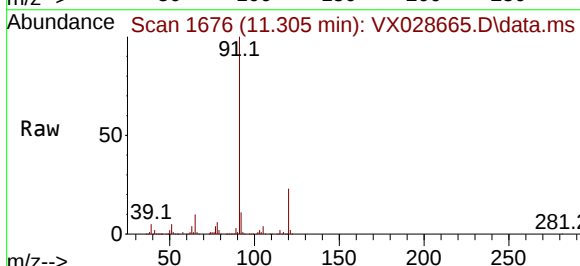
Acq: 13 May 2022 02:11

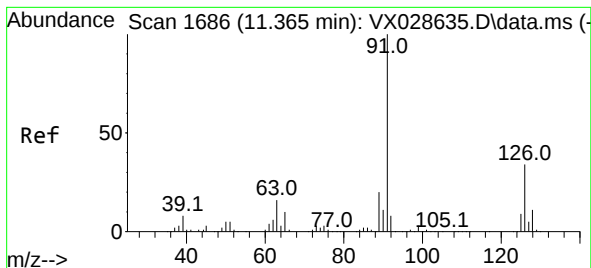
Tgt Ion: 91 Resp: 677895

Ion Ratio Lower Upper

91 100

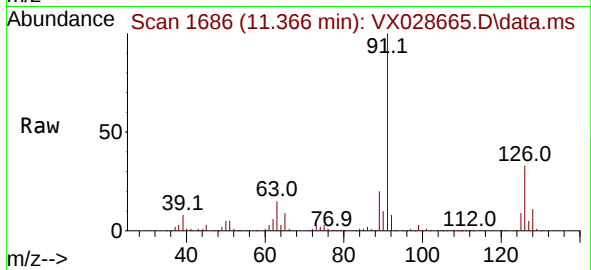
120 23.0 11.6 34.8





#79
2-Chlorotoluene
Concen: 49.650 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

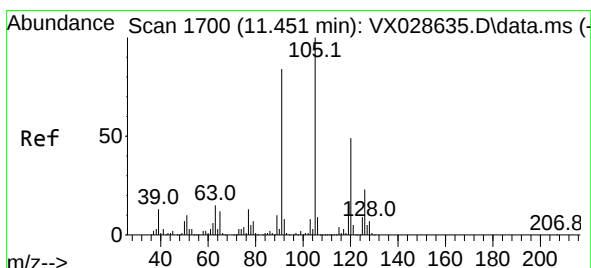
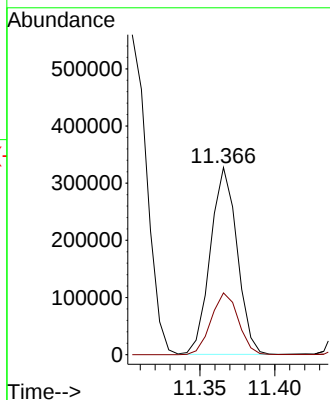
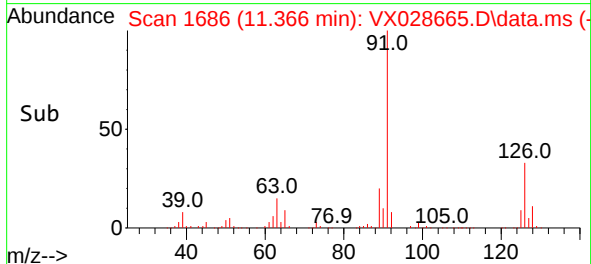
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



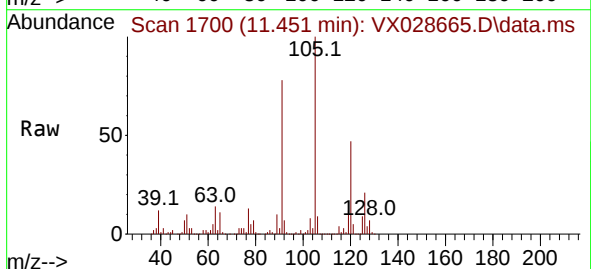
Tgt Ion: 91 Resp: 40598
Ion Ratio Lower Upper
91 100
126 33.7 17.3 51.9

Manual Integrations
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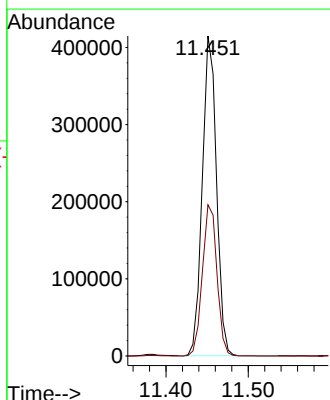
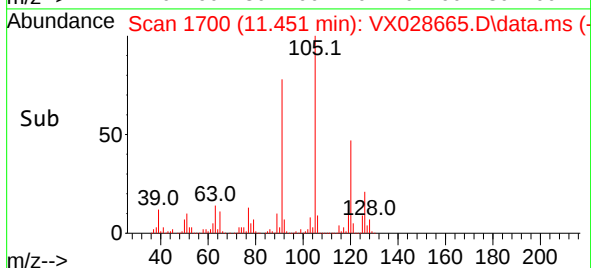
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

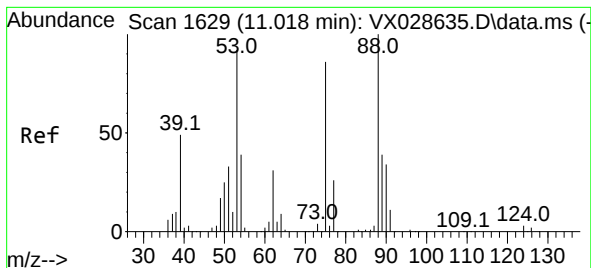


#80
1,3,5-Trimethylbenzene
Concen: 51.658 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



Tgt Ion:105 Resp: 496449
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9





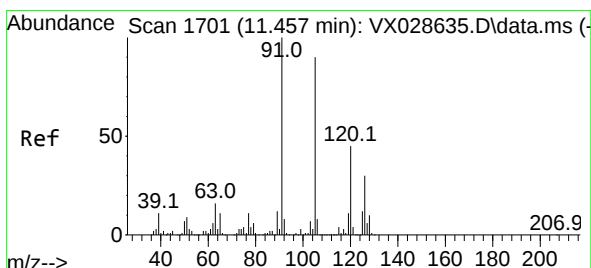
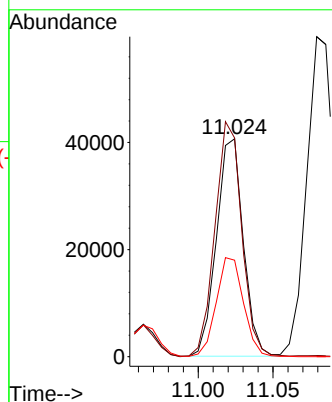
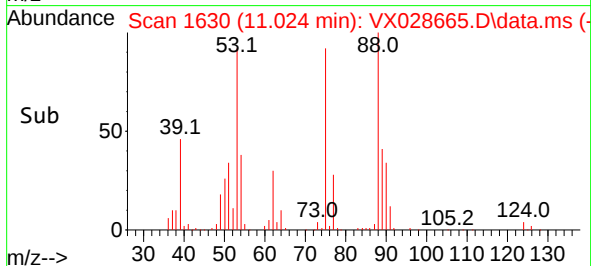
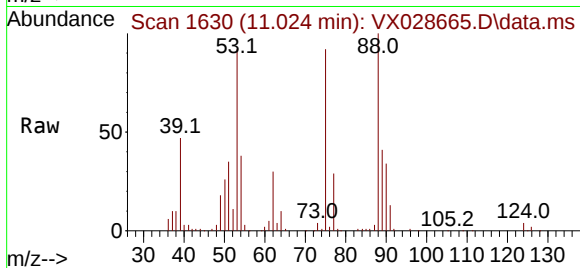
#81
trans-1,4-Dichloro-2-butene
Concen: 42.981 ug/l
RT: 11.024 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC

Tgt Ion: 75 Resp: 5061
Ion Ratio Lower Upper
75 100
53 108.0 69.0 103.4
89 46.4 37.0 55.6

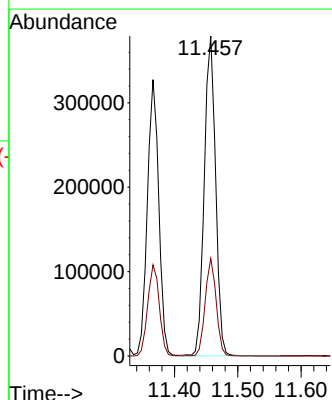
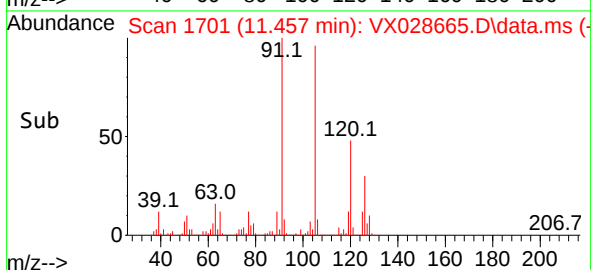
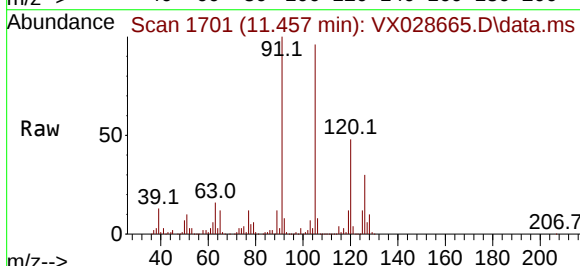
Manual Integrations
APPROVED

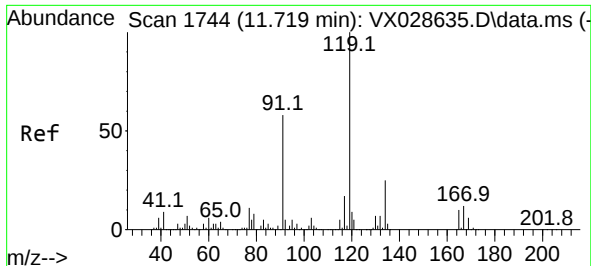
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 50.000 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

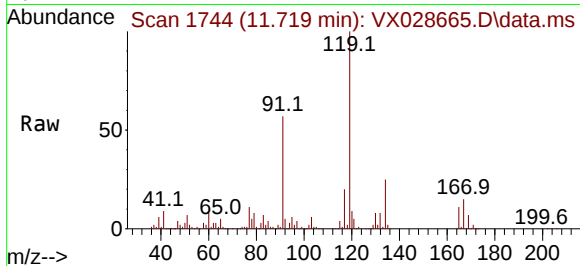
Tgt Ion: 91 Resp: 472650
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





#83
tert-Butylbenzene
Concen: 51.670 ug/l
RT: 11.719 min Scan# 1174
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

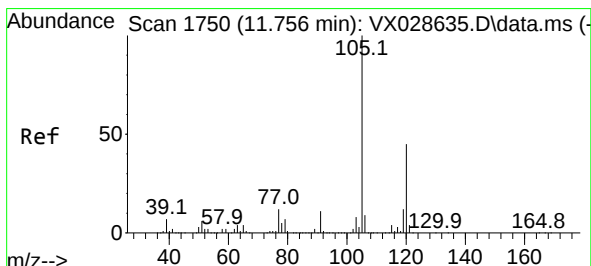
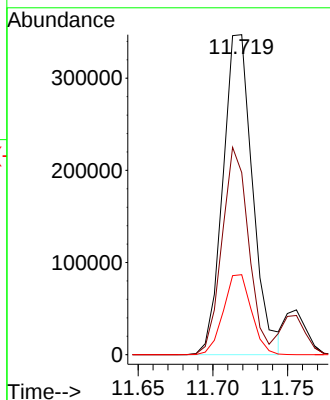
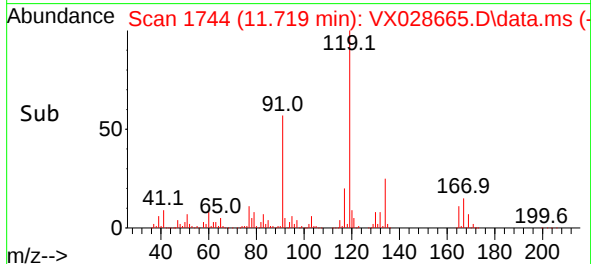
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



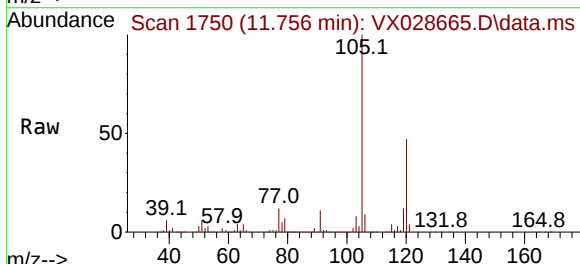
Tgt Ion:119 Resp: 480777
Ion Ratio Lower Upper
119 100
91 57.9 26.9 80.6
134 23.7 11.4 34.2

Manual Integrations
APPROVED

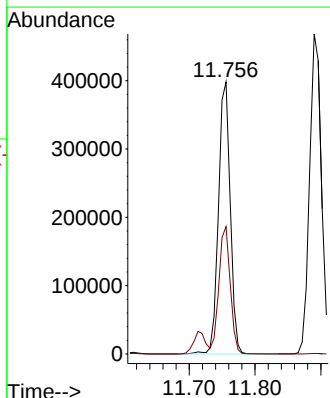
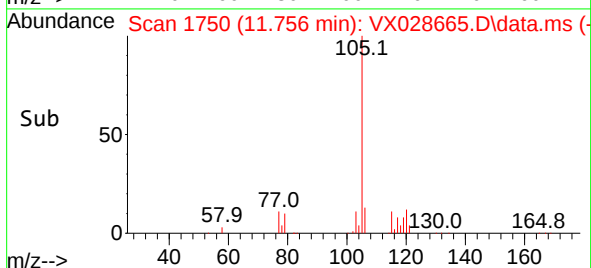
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

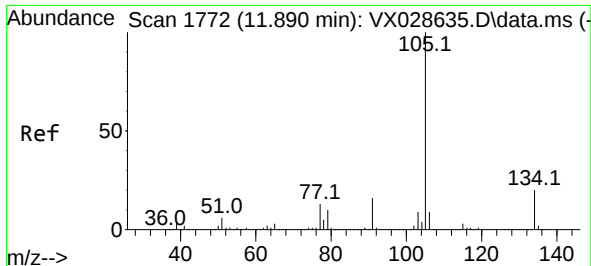


#84
1,2,4-Trimethylbenzene
Concen: 51.445 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



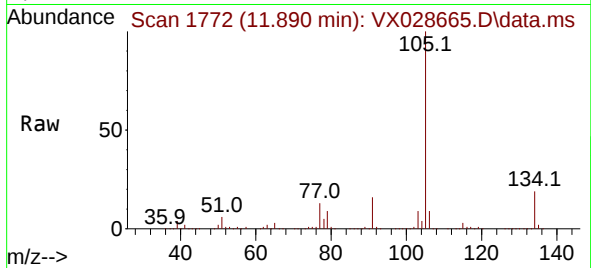
Tgt Ion:105 Resp: 495784
Ion Ratio Lower Upper
105 100
120 45.3 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 50.603 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028665.D
 Acq: 13 May 2022 02:11

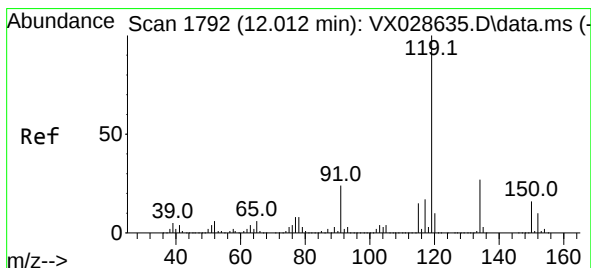
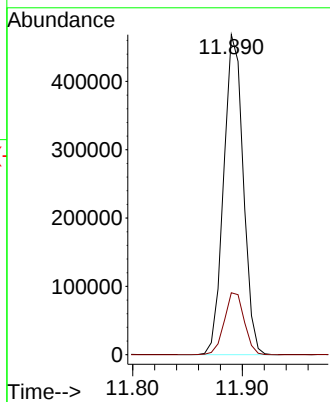
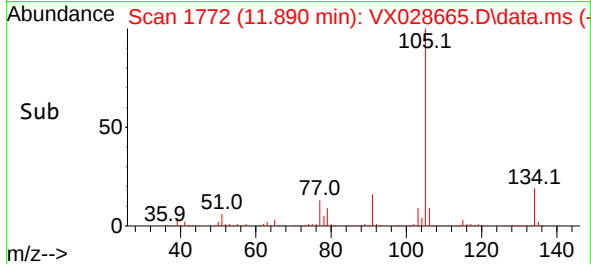
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050EC



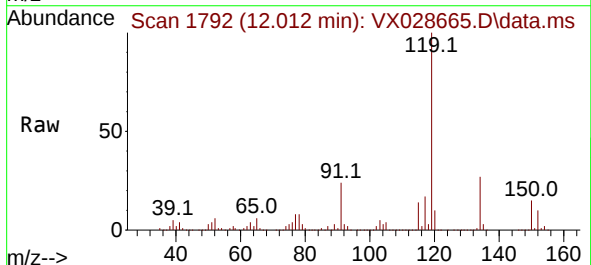
Tgt Ion:105 Resp: 580794
 Ion Ratio Lower Upper
 105 100
 134 19.7 10.2 30.4

Manual Integrations
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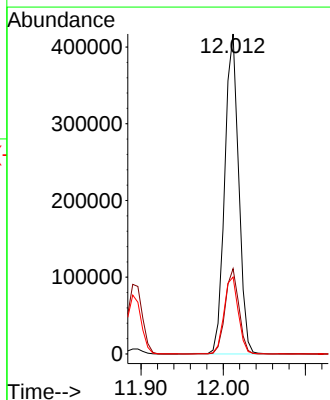
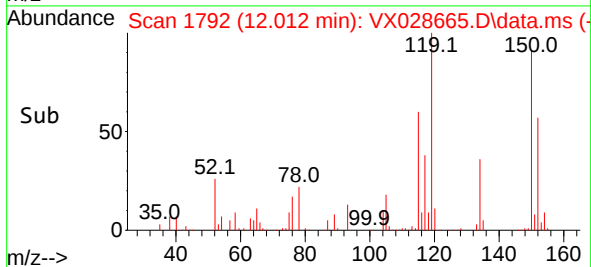
Reviewed By :John Carlone 05/13/2022
 Supervised By :Mahesh Dadoda 05/13/2022

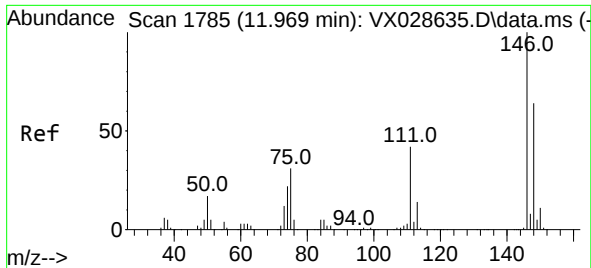


#86
 p-Isopropyltoluene
 Concen: 50.969 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028665.D
 Acq: 13 May 2022 02:11



Tgt Ion:119 Resp: 490885
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.6 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 49.068 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion:146 Resp: 26264

Ion Ratio Lower Upper

146 100

111 41.7 19.7 59.1

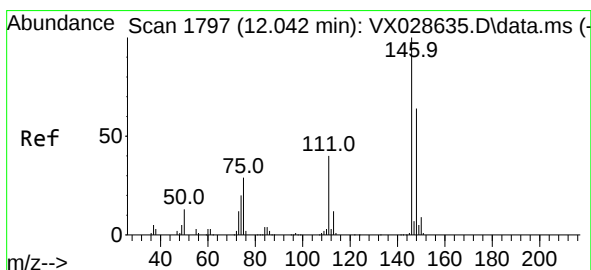
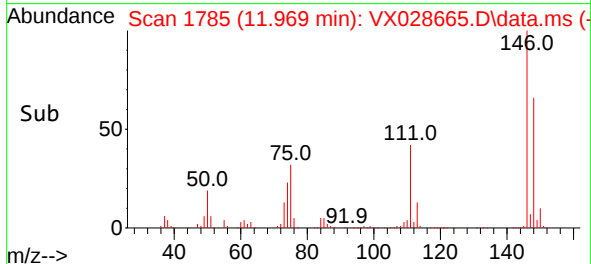
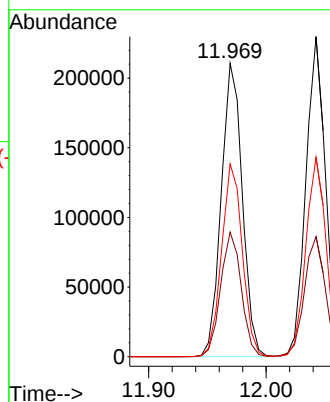
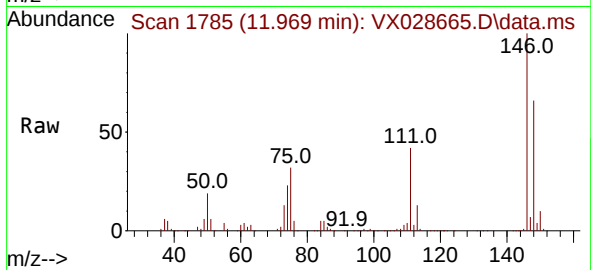
148 64.8 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#88

1,4-Dichlorobenzene

Concen: 48.469 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

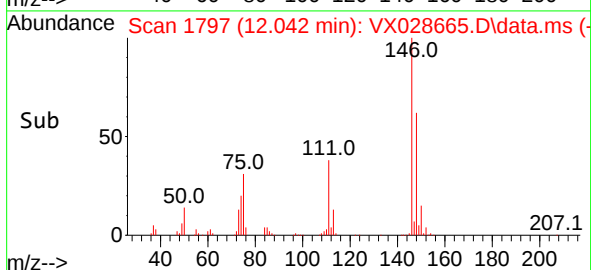
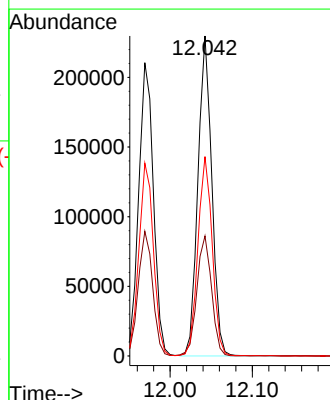
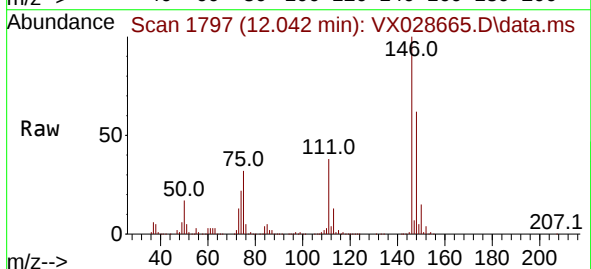
Tgt Ion:146 Resp: 269103

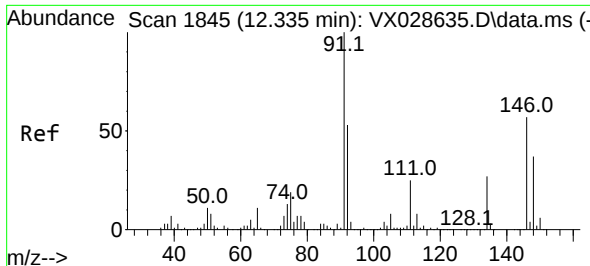
Ion Ratio Lower Upper

146 100

111 39.8 19.2 57.6

148 64.0 32.3 96.9





#89

n-Butylbenzene

Concen: 50.453 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028665.D

Acq: 13 May 2022 02:11

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050EC

Tgt Ion: 91 Resp: 42101

Ion Ratio Lower Upper

91 100

92 53.5 27.8 83.3

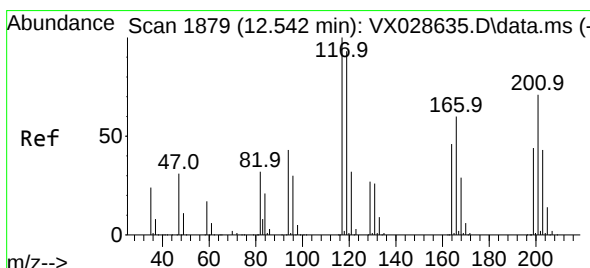
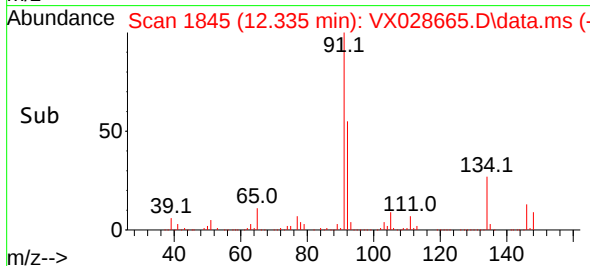
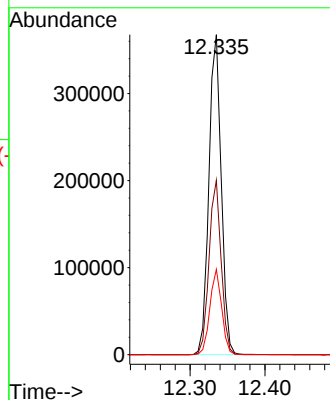
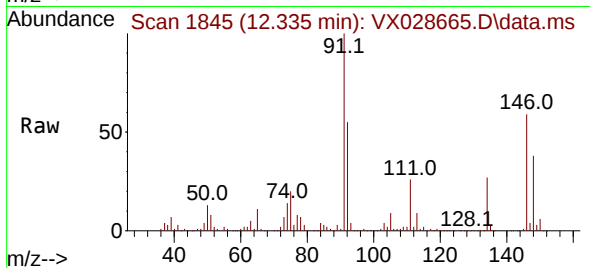
134 25.5 13.3 39.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 52.528 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. 0.000 min

Lab File: VX028665.D

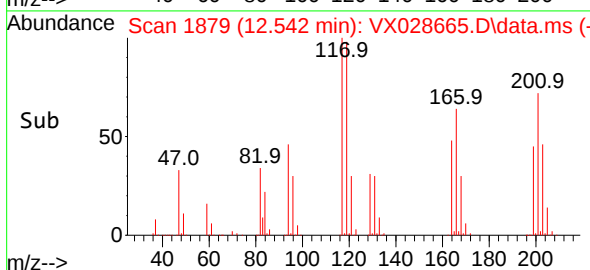
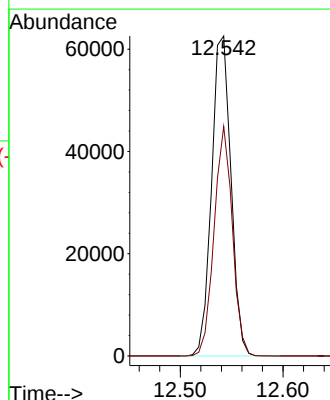
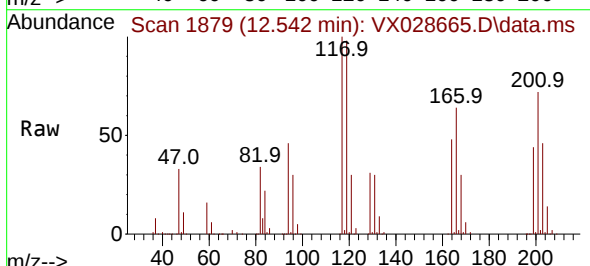
Acq: 13 May 2022 02:11

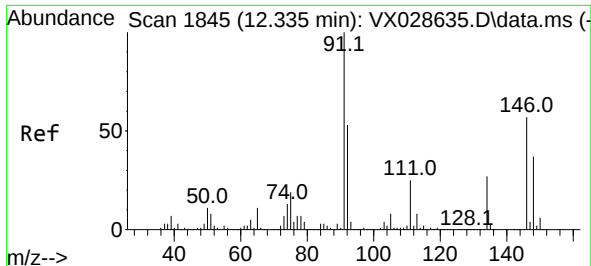
Tgt Ion:117 Resp: 81811

Ion Ratio Lower Upper

117 100

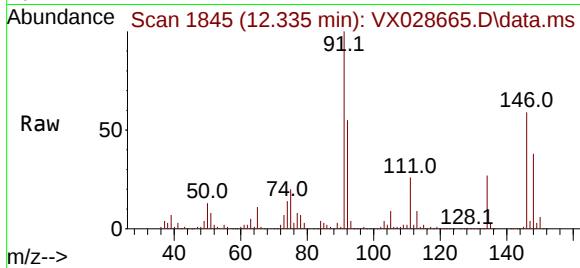
201 67.6 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 50.782 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

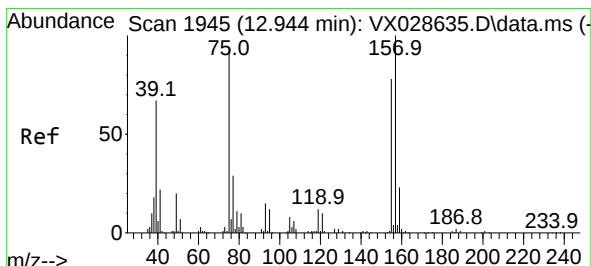
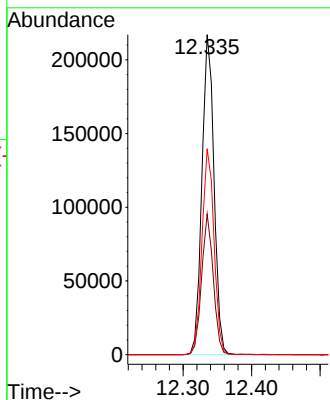
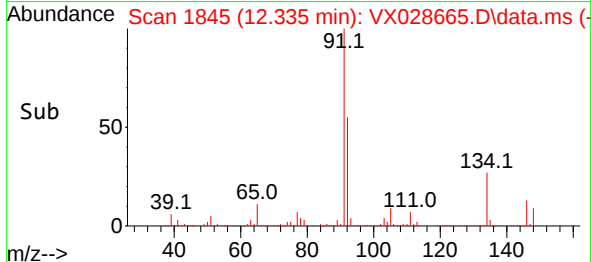
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



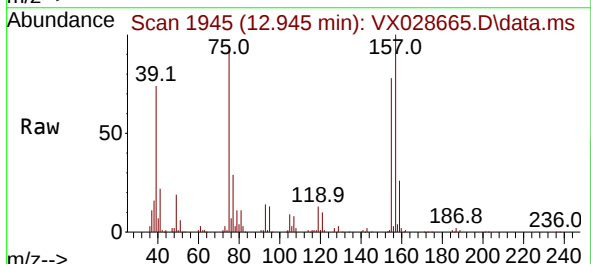
Tgt Ion:146 Resp: 267028
Ion Ratio Lower Upper
146 100
111 42.5 21.0 63.0
148 64.2 32.6 97.7

Manual Integrations
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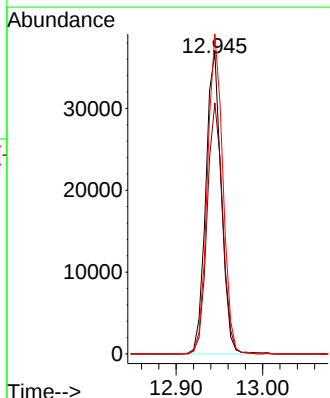
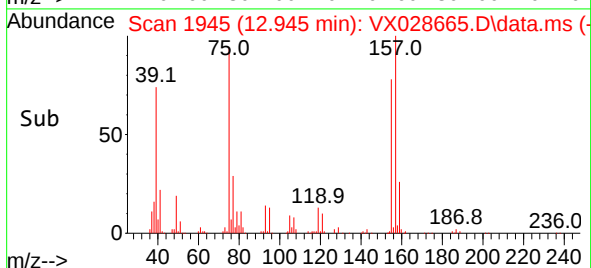
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

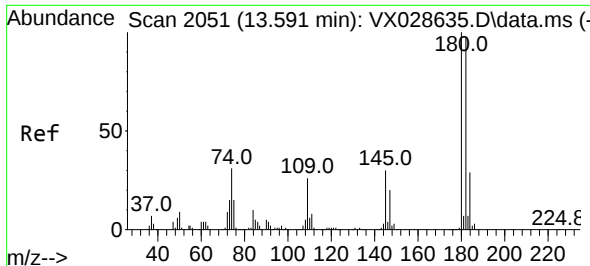


#92
1,2-Dibromo-3-Chloropropane
Concen: 54.139 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



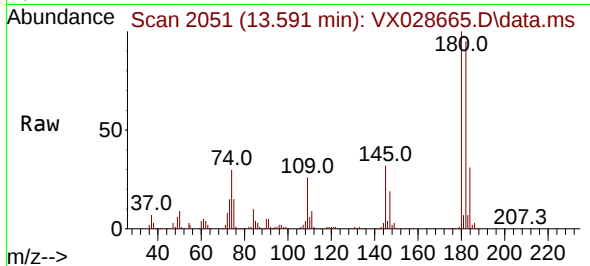
Tgt Ion: 75 Resp: 45740
Ion Ratio Lower Upper
75 100
155 83.5 47.0 141.2
157 106.0 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 50.665 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

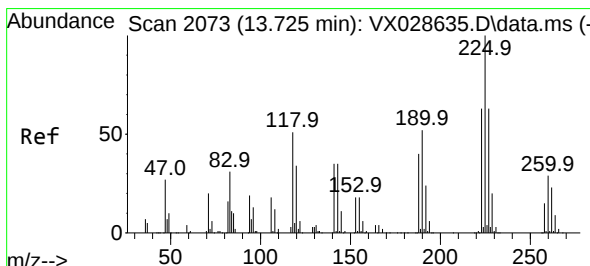
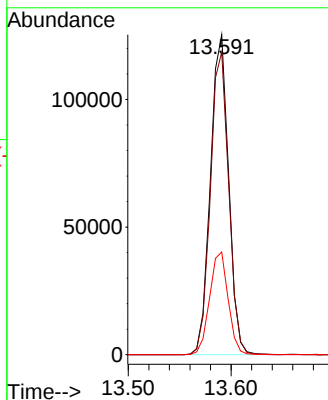
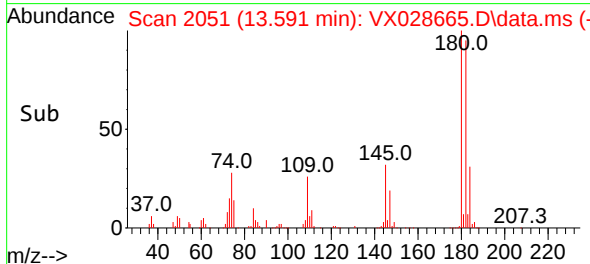
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



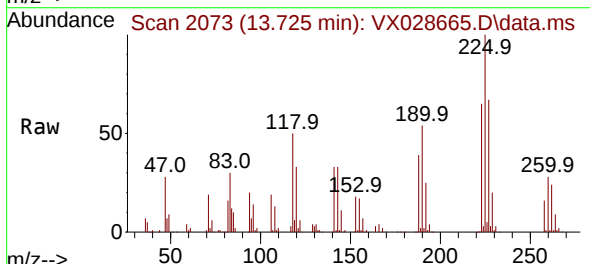
Tgt Ion:180 Resp: 15387
Ion Ratio Lower Upper
180 100
182 95.2 47.7 143.1
145 32.7 15.2 45.5

Manual Integrations
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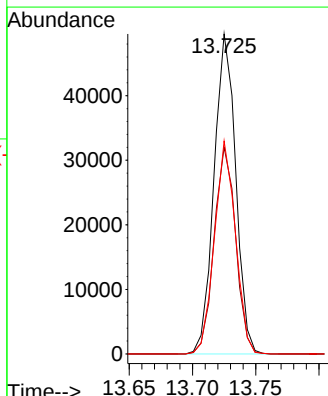
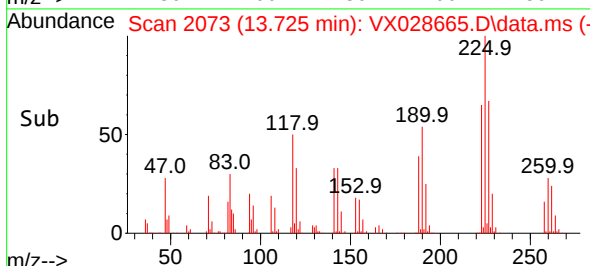
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

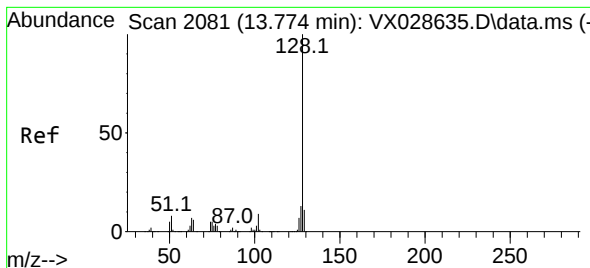


#94
Hexachlorobutadiene
Concen: 47.797 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



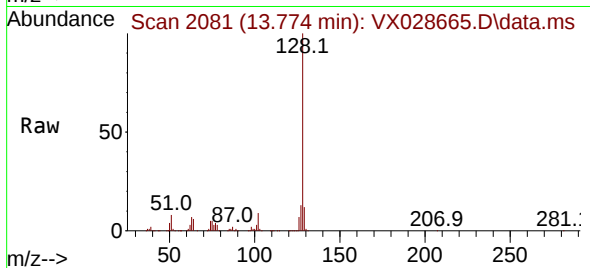
Tgt Ion:225 Resp: 58972
Ion Ratio Lower Upper
225 100
223 64.1 34.2 102.5
227 64.6 33.9 101.7





#95
Naphthalene
Concen: 54.067 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11

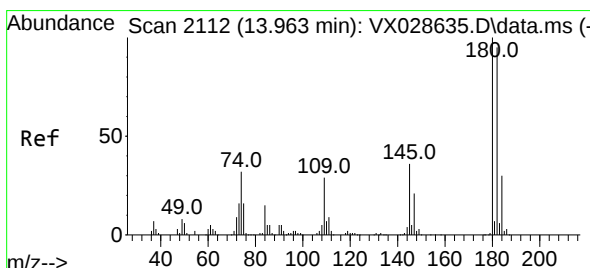
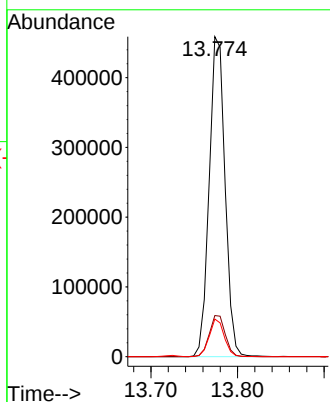
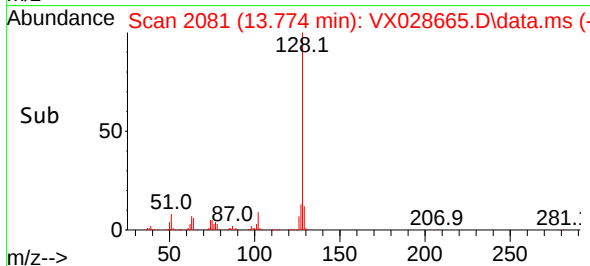
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050EC



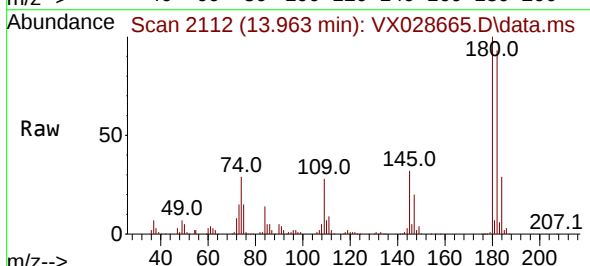
Tgt Ion:128 Resp: 584315
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 11.2 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#96
1,2,3-Trichlorobenzene
Concen: 51.132 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028665.D
Acq: 13 May 2022 02:11



Tgt Ion:180 Resp: 155968
Ion Ratio Lower Upper
180 100
182 94.1 50.0 149.8
145 34.0 16.2 48.5

