

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028667.D
 Acq On : 13 May 2022 10:49
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:17:01 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	5.550	168	206862	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	342903	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	318061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	162841	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	148045	52.209	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.420%			
35) Dibromofluoromethane	5.385	113	120104	53.459	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.920%			
50) Toluene-d8	8.647	98	456096	53.847	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 107.700%			
62) 4-Bromofluorobenzene	11.079	95	167141	52.831	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 105.660%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.166	85	130269	48.094	ug/l	99
3) Chloromethane	1.294	50	119539	46.861	ug/l	100
4) Vinyl Chloride	1.374	62	129948	47.271	ug/l	98
5) Bromomethane	1.605	94	101528	52.506	ug/l	99
6) Chloroethane	1.685	64	86196	49.766	ug/l	99
7) Trichlorofluoromethane	1.886	101	210625	48.057	ug/l	99
8) Diethyl Ether	2.136	74	74798	46.837	ug/l	93
9) 1,1,2-Trichlorotrifluo...	2.331	101	107574	46.642	ug/l	95
10) Methyl Iodide	2.453	142	124501	45.089	ug/l	93
11) Tert butyl alcohol	2.971	59	129723	214.432	ug/l	100
12) 1,1-Dichloroethene	2.319	96	99880	46.653	ug/l	95
13) Acrolein	2.233	56	112265	241.207	ug/l	99
14) Allyl chloride	2.666	41	164762	47.983	ug/l	90
15) Acrylonitrile	3.062	53	320806	234.816	ug/l	99
16) Acetone	2.380	43	304580	250.277	ug/l	92
17) Carbon Disulfide	2.514	76	261134	47.053	ug/l	100
18) Methyl Acetate	2.703	43	141586	46.451	ug/l	95
19) Methyl tert-butyl Ether	3.111	73	363977	47.908	ug/l	99
20) Methylene Chloride	2.788	84	115790	45.352	ug/l	92
21) trans-1,2-Dichloroethene	3.093	96	114892	47.643	ug/l	99
22) Diisopropyl ether	3.757	45	355011	48.380	ug/l #	85
23) Vinyl Acetate	3.721	43	1580275	249.812	ug/l	96
24) 1,1-Dichloroethane	3.611	63	204832	48.016	ug/l	99
25) 2-Butanone	4.550	43	461990	241.848	ug/l	95
26) 2,2-Dichloropropane	4.477	77	164779	49.265	ug/l	99
27) cis-1,2-Dichloroethene	4.489	96	132257	46.957	ug/l	99
28) Bromochloromethane	4.897	49	88297	49.174	ug/l	93
29) Tetrahydrofuran	5.001	42	291792	234.996	ug/l	93
30) Chloroform	5.092	83	221515	47.980	ug/l	95
31) Cyclohexane	5.470	56	188967	48.010	ug/l	93
32) 1,1,1-Trichloroethane	5.385	97	195199	48.430	ug/l	99
36) 1,1-Dichloropropene	5.696	75	165908	49.166	ug/l	99
37) Ethyl Acetate	4.708	43	176020	49.941	ug/l	97
38) Carbon Tetrachloride	5.678	117	171272	50.434	ug/l	98
39) Methylcyclohexane	7.379	83	194861	50.354	ug/l	96
40) Benzene	6.037	78	477255	49.211	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	92469	48.931	ug/l	93
42) 1,2-Dichloroethane	6.086	62	177432	49.601	ug/l	98
43) Isopropyl Acetate	6.342	43	271334	49.209	ug/l	95
44) Trichloroethene	7.123	130	128989	49.042	ug/l	94
45) 1,2-Dichloropropane	7.433	63	118912	49.145	ug/l	97
46) Dibromomethane	7.580	93	88342	48.889	ug/l	92
47) Bromodichloromethane	7.824	83	170324	50.770	ug/l	99
48) Methyl methacrylate	7.690	41	133185	50.001	ug/l	87
49) 1,4-Dioxane	7.665	88	63323	951.614	ug/l	96
51) 4-Methyl-2-Pentanone	8.573	43	892898	245.843	ug/l	93
52) Toluene	8.720	92	312062	50.022	ug/l	99
53) t-1,3-Dichloropropene	8.976	75	177694	46.145	ug/l	100
54) cis-1,3-Dichloropropene	8.366	75	196911	52.164	ug/l #	90
55) 1,1,2-Trichloroethane	9.153	97	124776	49.049	ug/l	98
56) Ethyl methacrylate	9.116	69	193737	50.291	ug/l #	84
57) 1,3-Dichloropropane	9.311	76	210754	49.119	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	454693	241.084	ug/l	99
59) 2-Hexanone	9.433	43	695348	246.421	ug/l	90
60) Dibromochloromethane	9.525	129	130111	52.444	ug/l	95
61) 1,2-Dibromoethane	9.610	107	133822	50.086	ug/l	100
64) Tetrachloroethene	9.275	164	121003	50.379	ug/l	98
65) Chlorobenzene	10.079	112	330765	49.021	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	121375	50.780	ug/l	99
67) Ethyl Benzene	10.195	91	603645	49.912	ug/l	99
68) m/p-Xylenes	10.305	106	470341	99.890	ug/l	99
69) o-Xylene	10.640	106	228181	49.221	ug/l	98
70) Styrene	10.659	104	383103	50.888	ug/l	98
71) Bromoform	10.799	173	89304	45.268	ug/l #	99
73) Isopropylbenzene	10.963	105	598628	48.476	ug/l	99
74) N-amyl acetate	10.841	43	239091	49.253	ug/l	92
75) 1,1,2,2-Tetrachloroethane	11.213	83	198419	46.836	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	183692m	48.168	ug/l	
77) Bromobenzene	11.201	156	141204	48.326	ug/l	96
78) n-propylbenzene	11.305	91	706574	49.465	ug/l	100
79) 2-Chlorotoluene	11.366	91	415739	47.486	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	510840	49.645	ug/l	100
81) trans-1,4-Dichloro-2-b...	11.018	75	55547	43.959	ug/l #	86
82) 4-Chlorotoluene	11.457	91	489743	48.387	ug/l	100
83) tert-Butylbenzene	11.713	119	485638	48.746	ug/l	94
84) 1,2,4-Trimethylbenzene	11.756	105	510466	49.471	ug/l	100
85) sec-Butylbenzene	11.890	105	612523	49.843	ug/l	99
86) p-Isopropyltoluene	12.012	119	520072	50.433	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	276138	48.182	ug/l	99
88) 1,4-Dichlorobenzene	12.042	146	282208	47.473	ug/l	98
89) n-Butylbenzene	12.335	91	461232	51.622	ug/l	97
90) Hexachloroethane	12.542	117	84457	50.646	ug/l	88
91) 1,2-Dichlorobenzene	12.335	146	273840	48.639	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	12.945	75	44635	49.342	ug/l	93
93) 1,2,4-Trichlorobenzene	13.591	180	166767	51.285	ug/l	98
94) Hexachlorobutadiene	13.725	225	66658	50.459	ug/l	95
95) Naphthalene	13.774	128	608830	52.615	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	165764	50.755	ug/l	96

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Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

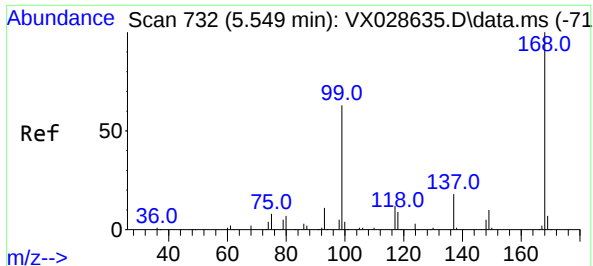
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations APPROVED

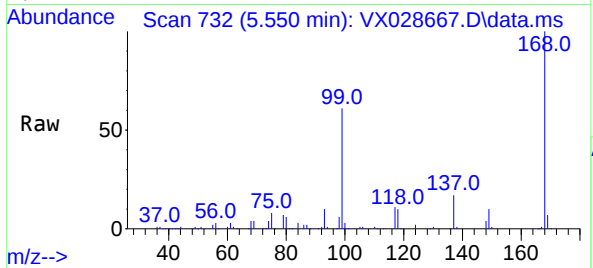
Quant Time: May 16 02:17:01 2022
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX028667.D
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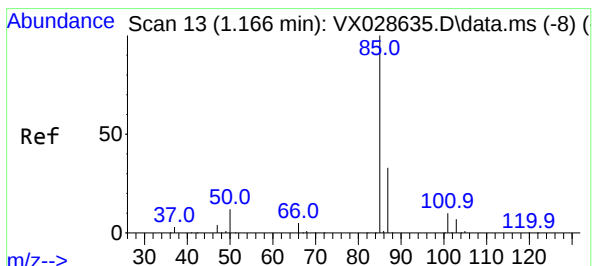
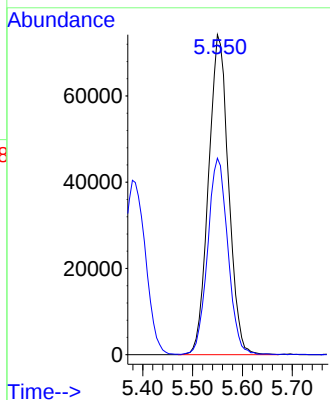
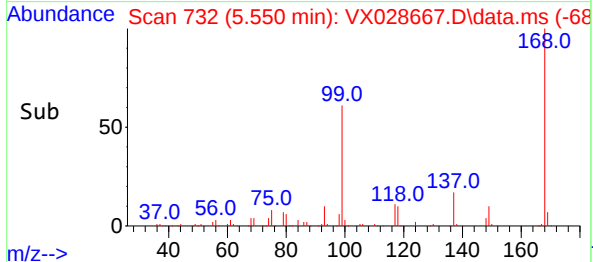
Instrument :
MSVOA_X
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VSTDCCC050



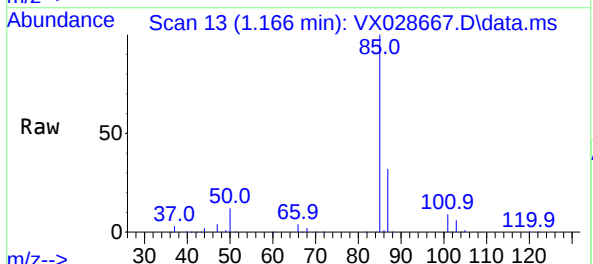
Tgt Ion:168 Resp: 206862
Ion Ratio Lower Upper
168 100
99 61.3 41.7 62.5

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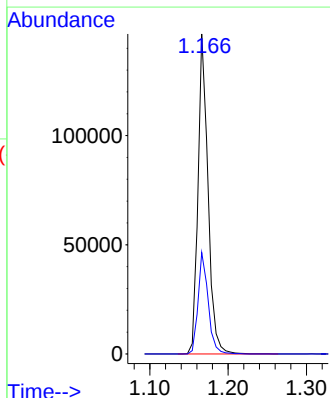
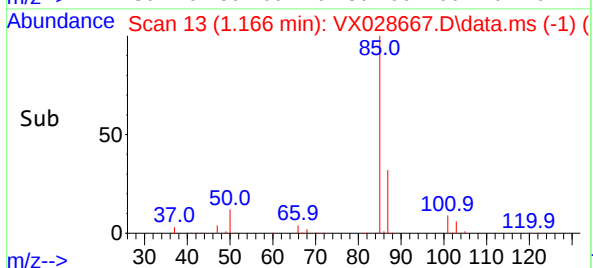
Reviewed By :John Carlone 05/16/2022
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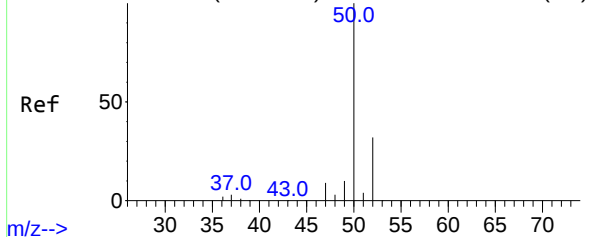
#2
Dichlorodifluoromethane
Concen: 48.094 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 85 Resp: 130269
Ion Ratio Lower Upper
85 100
87 31.7 16.2 48.6



Abundance Scan 34 (1.294 min): VX028635.D\data.ms (-25)



#3

Chloromethane

Concen: 46.861 ug/l

RT: 1.294 min Scan# 34

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 50 Resp: 119539

Ion Ratio Lower Upper

50 100

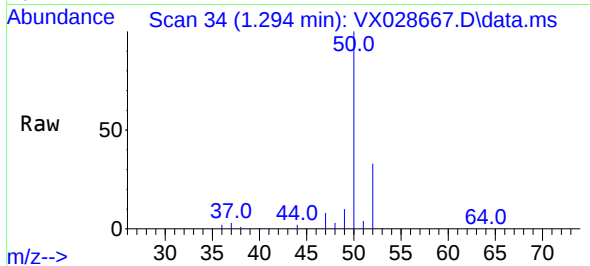
52 32.9 26.4 39.6

Manual Integrations

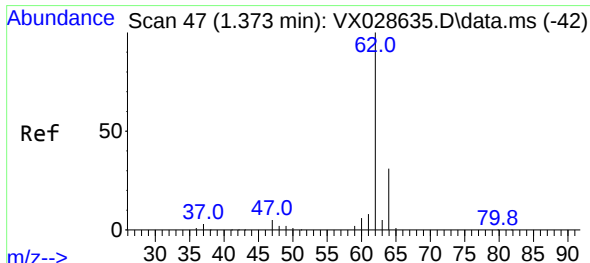
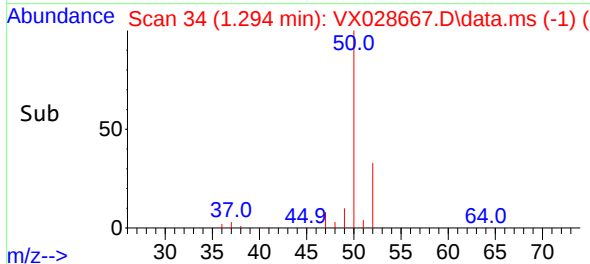
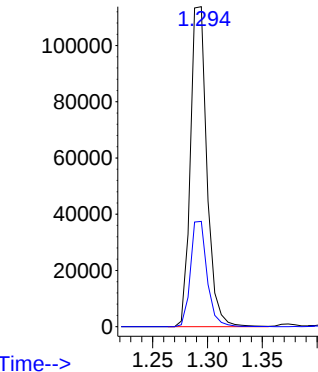
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Abundance



#4

Vinyl Chloride

Concen: 47.271 ug/l

RT: 1.374 min Scan# 47

Delta R.T. 0.001 min

Lab File: VX028667.D

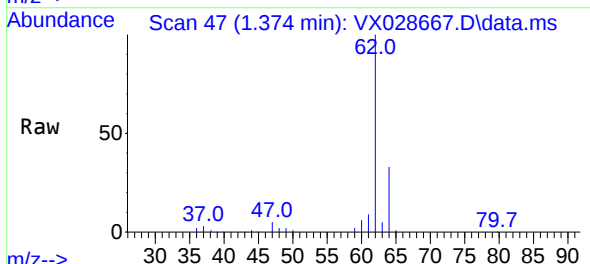
Acq: 13 May 2022 10:49

Tgt Ion: 62 Resp: 129948

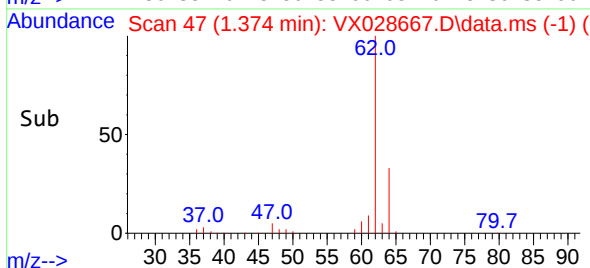
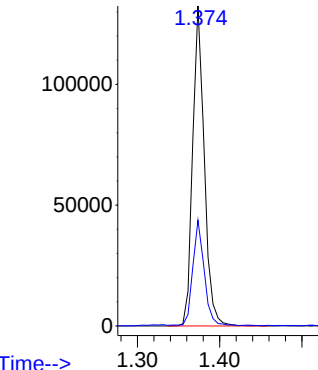
Ion Ratio Lower Upper

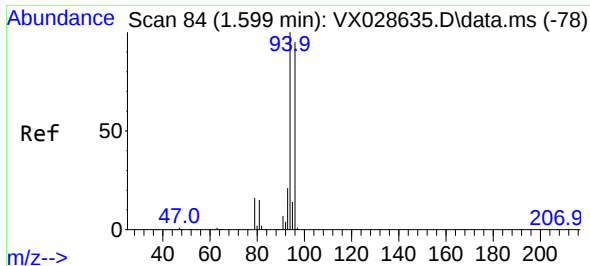
62 100

64 32.8 25.5 38.3



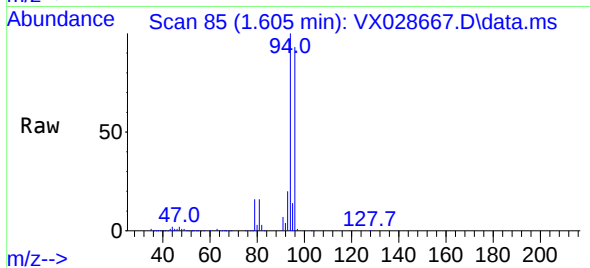
Abundance





#5
Bromomethane
Concen: 52.506 ug/l
RT: 1.605 min Scan# 84
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

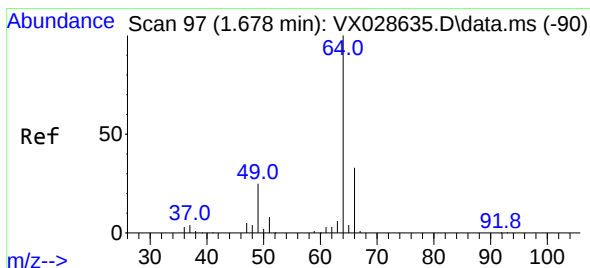
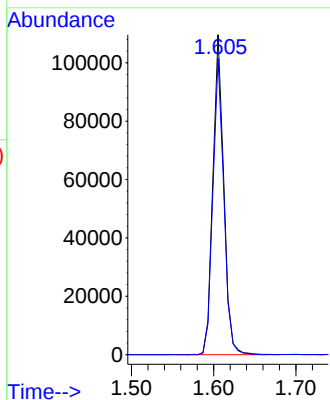
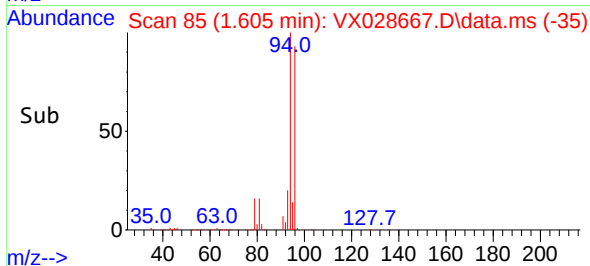
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Tgt Ion: 94 Resp: 101528
Ion Ratio Lower Upper
94 100
96 92.7 75.3 112.9

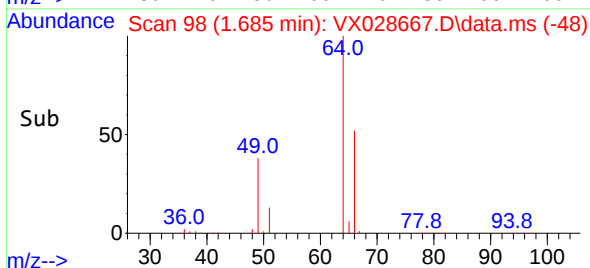
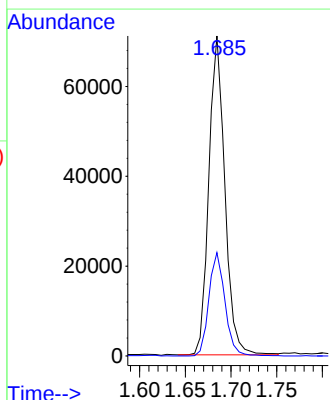
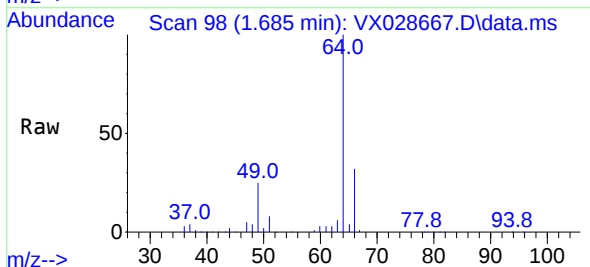
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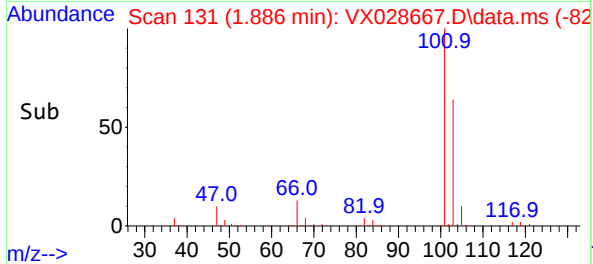
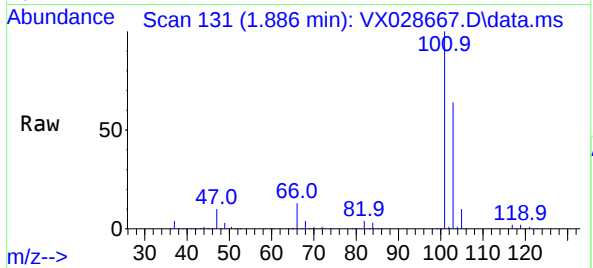
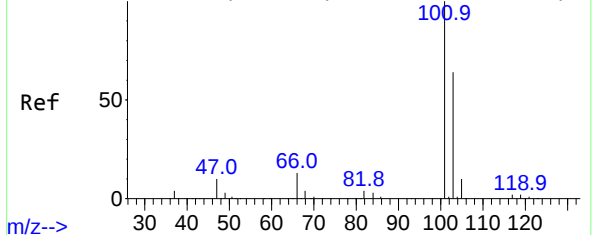


#6
Chloroethane
Concen: 49.766 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Tgt Ion: 64 Resp: 86196
Ion Ratio Lower Upper
64 100
66 32.4 25.3 37.9



Abundance Scan 131 (1.885 min): VX028635.D\data.ms (-12



#7
Trichlorofluoromethane
Concen: 48.057 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

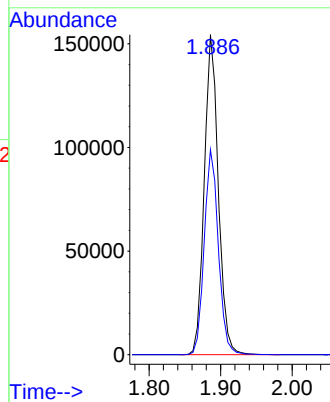
Tgt Ion:101 Resp: 21062
Ion Ratio Lower Upper
101 100
103 64.0 50.5 75.7

Manual Integrations

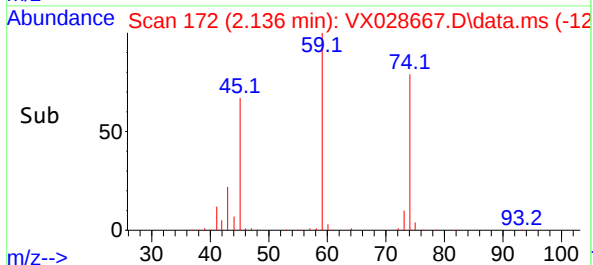
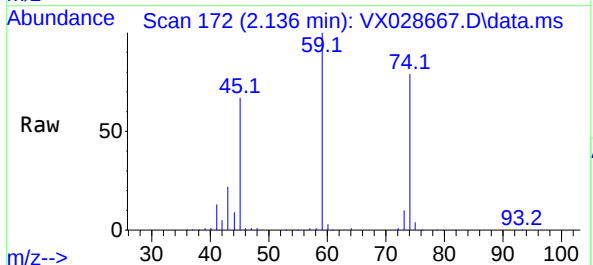
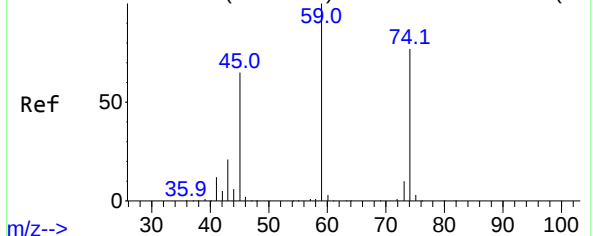
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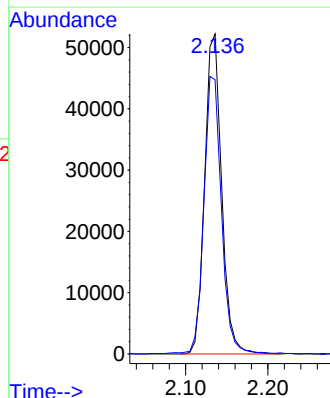


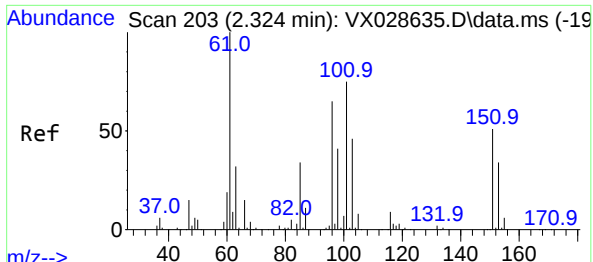
Abundance Scan 171 (2.129 min): VX028635.D\data.ms (-16



#8
Diethyl Ether
Concen: 46.837 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX028667.D
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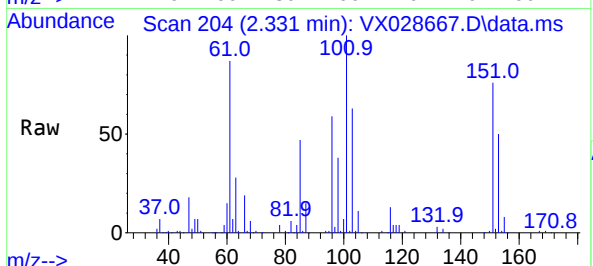
Tgt Ion: 74 Resp: 74798
Ion Ratio Lower Upper
74 100
45 90.0 42.0 126.0





#9
1,1,2-Trichlorotrifluoroethane
Concen: 46.642 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

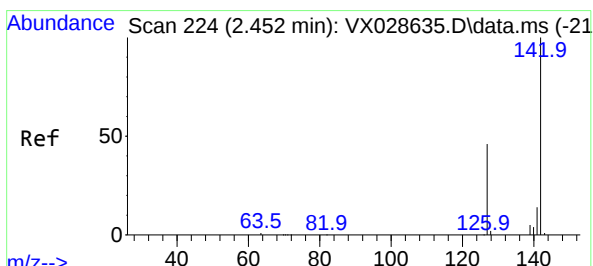
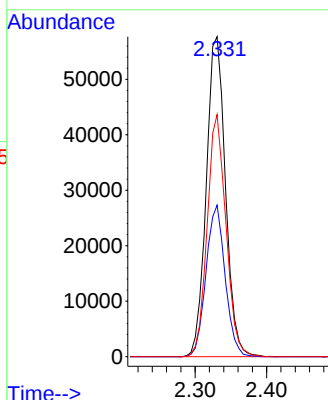
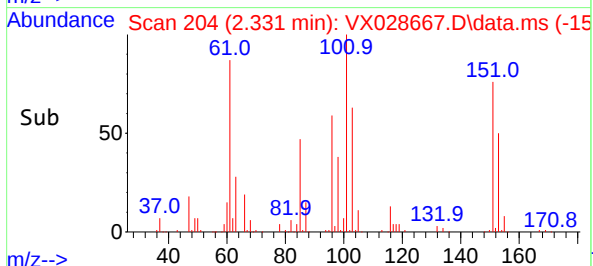
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



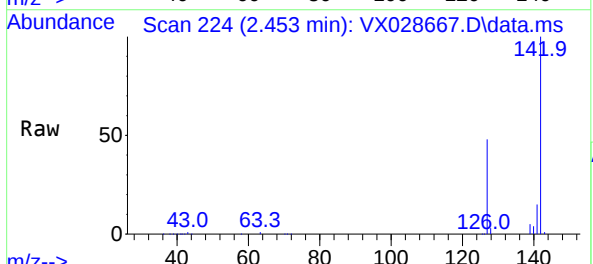
Tgt Ion:101 Resp: 107574
Ion Ratio Lower Upper
101 100
85 47.1 33.5 50.3
151 74.1 61.8 92.6

Manual Integrations
APPROVED

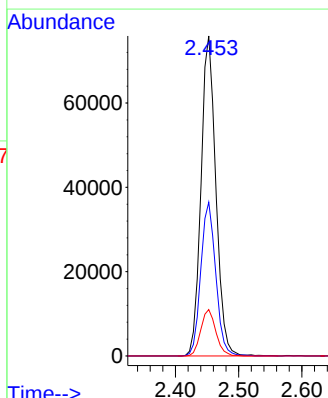
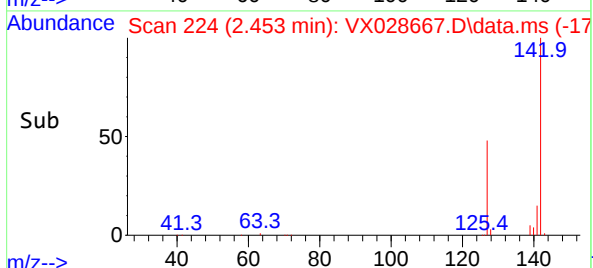
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

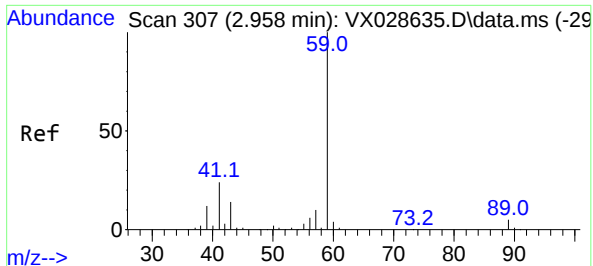


#10
Methyl Iodide
Concen: 45.089 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:142 Resp: 124501
Ion Ratio Lower Upper
142 100
127 48.2 33.9 50.9
141 14.7 11.4 17.2





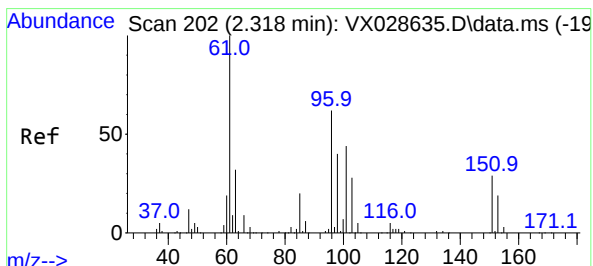
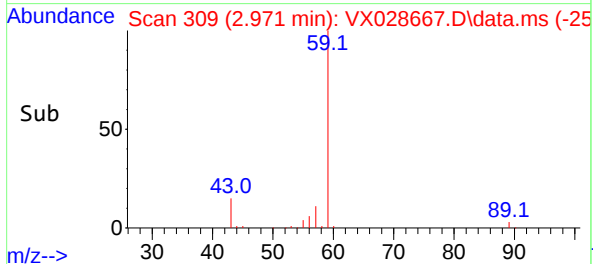
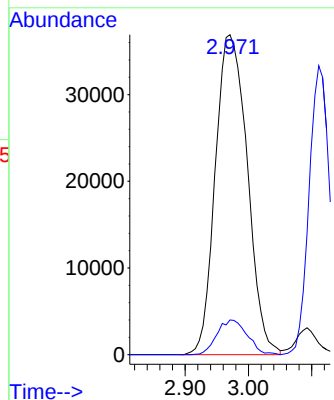
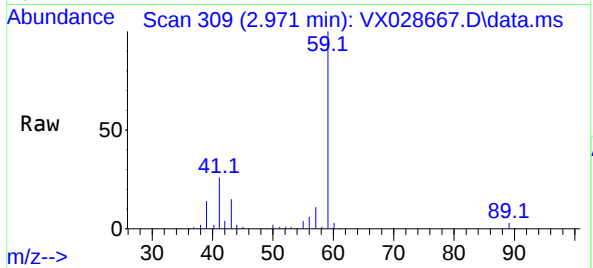
#11
Tert butyl alcohol
Concen: 214.432 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.013 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 59 Resp: 12972
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

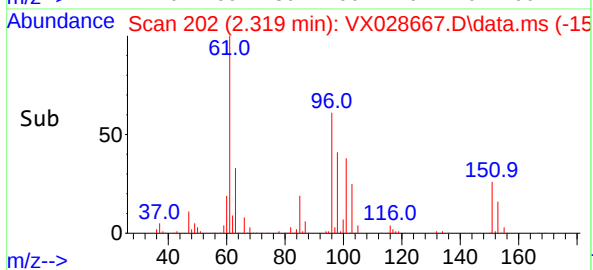
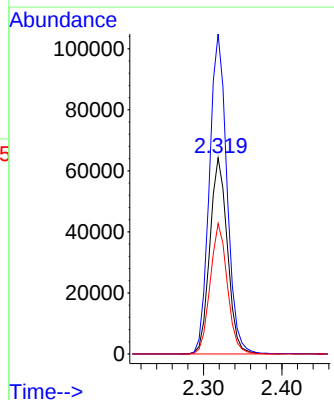
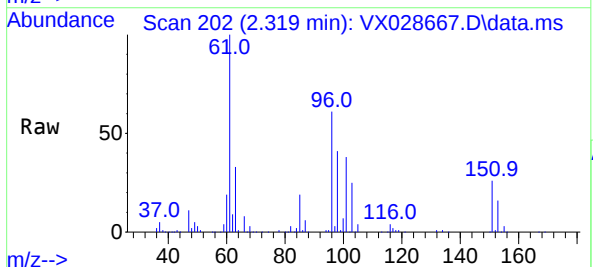
Manual Integrations
APPROVED

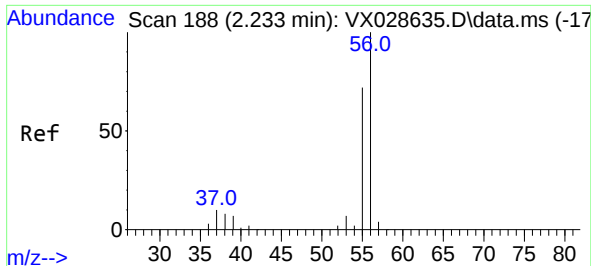
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#12
1,1-Dichloroethene
Concen: 46.653 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

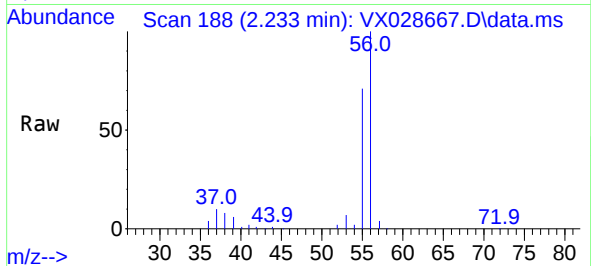
Tgt Ion: 96 Resp: 99880
Ion Ratio Lower Upper
96 100
61 163.1 124.6 187.0
98 66.5 51.0 76.4





#13
Acrolein
Concen: 241.207 ug/l
RT: 2.233 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

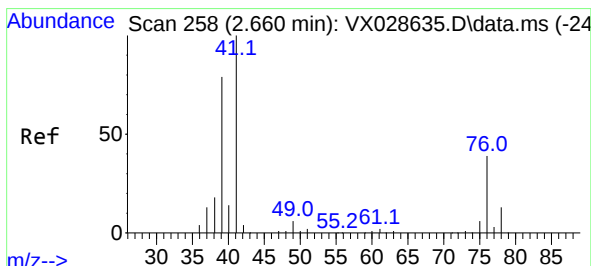
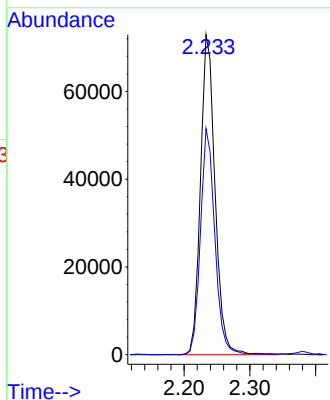
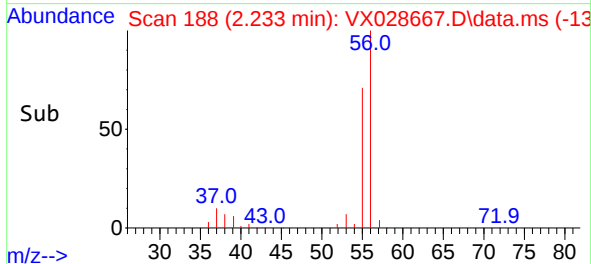
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



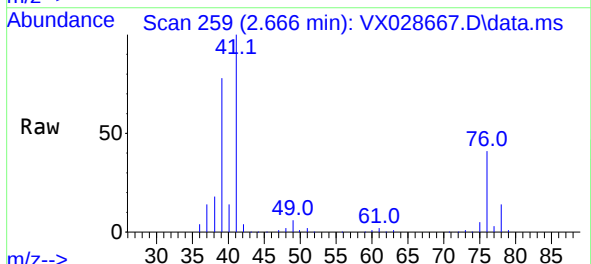
Tgt Ion: 56 Resp: 11226
Ion Ratio Lower Upper
56 100
55 70.0 55.0 82.6

Manual Integrations
APPROVED

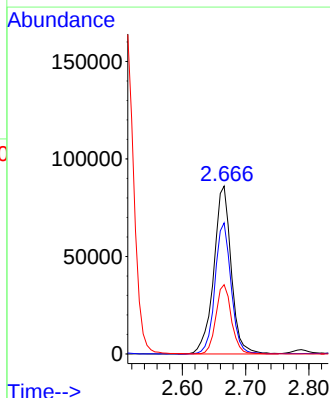
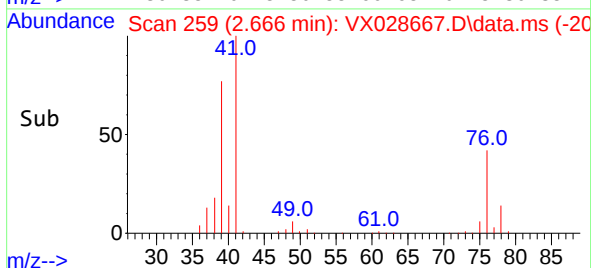
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

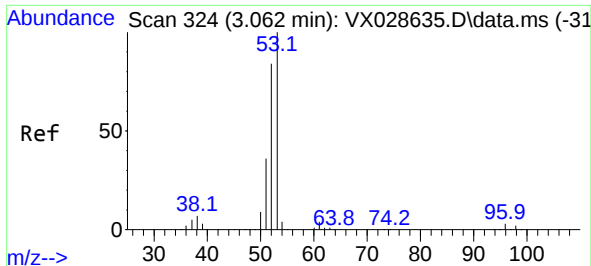


#14
Allyl chloride
Concen: 47.983 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



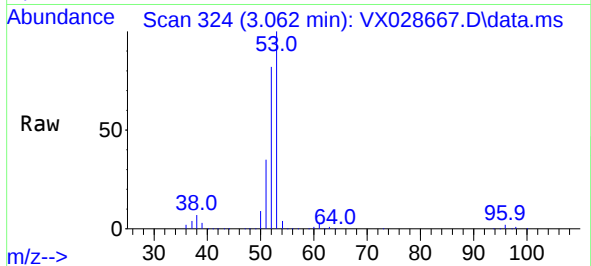
Tgt Ion: 41 Resp: 164762
Ion Ratio Lower Upper
41 100
39 71.9 50.4 75.6
76 36.6 32.7 49.1





#15
Acrylonitrile
Concen: 234.816 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

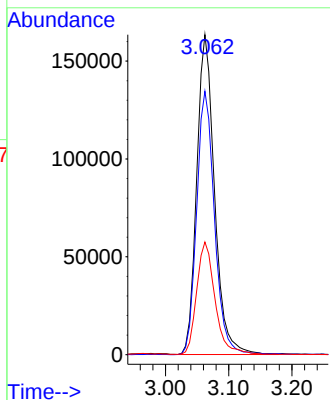
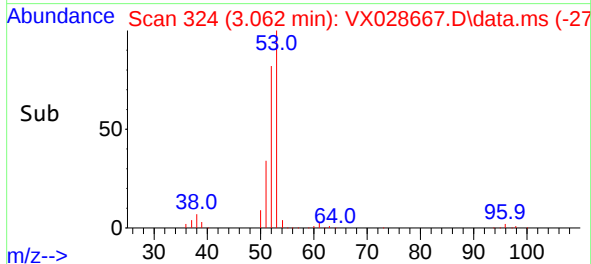
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



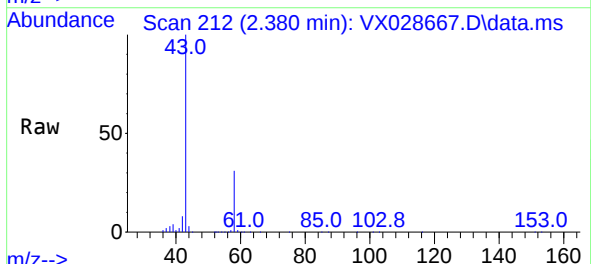
Tgt Ion: 53 Resp: 320800
Ion Ratio Lower Upper
53 100
52 82.8 65.7 98.5
51 36.2 28.4 42.6

Manual Integrations
APPROVED

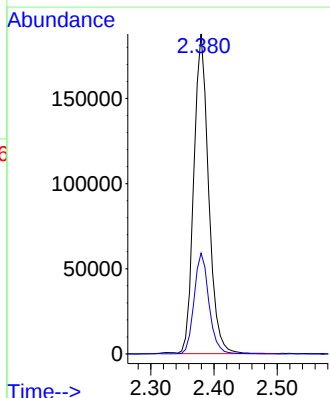
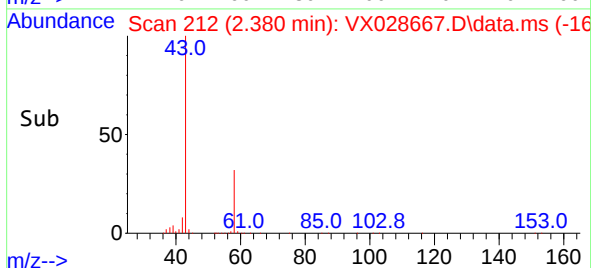
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

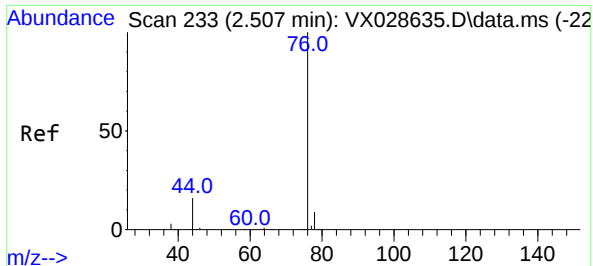


#16
Acetone
Concen: 250.277 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 43 Resp: 304580
Ion Ratio Lower Upper
43 100
58 31.5 28.8 43.2





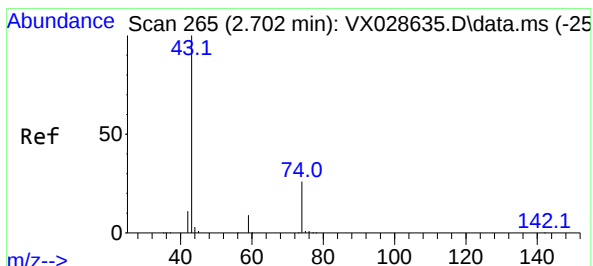
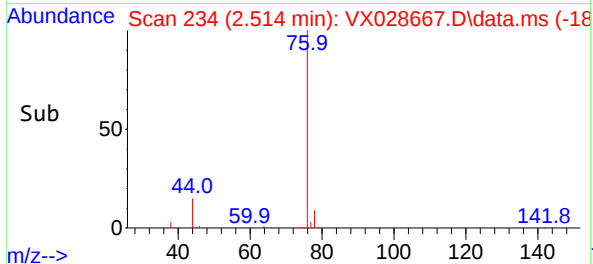
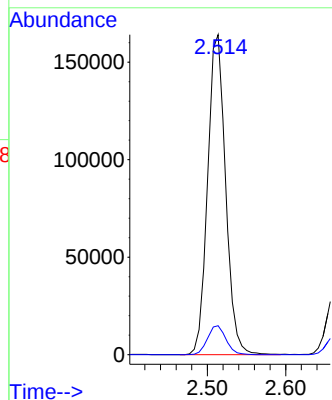
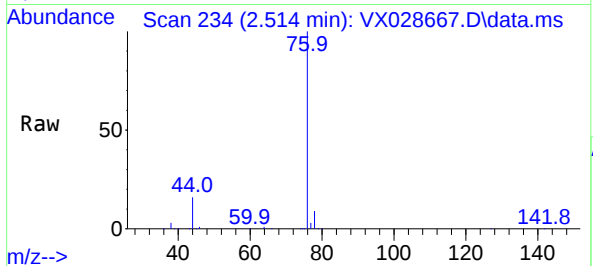
#17
Carbon Disulfide
Concen: 47.053 ug/l
RT: 2.514 min Scan# 211
Delta R.T. 0.007 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 76 Resp: 261134
Ion Ratio Lower Upper
76 100
78 9.1 7.2 10.8

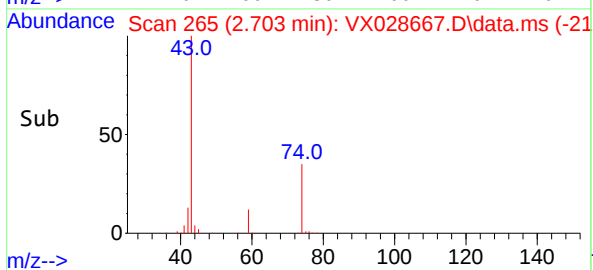
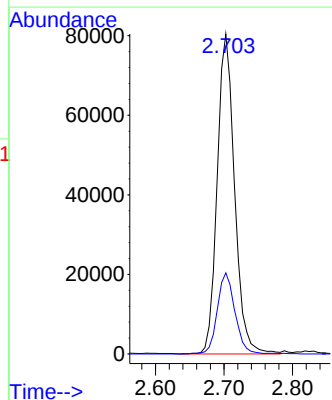
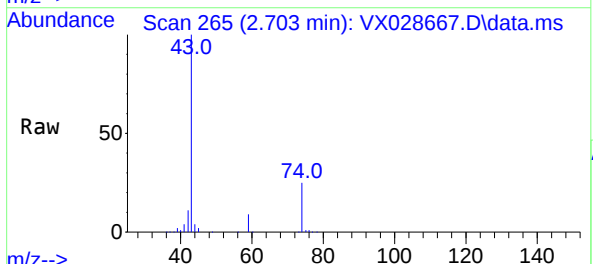
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#18
Methyl Acetate
Concen: 46.451 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Tgt Ion: 43 Resp: 141586
Ion Ratio Lower Upper
43 100
74 25.9 22.8 34.2





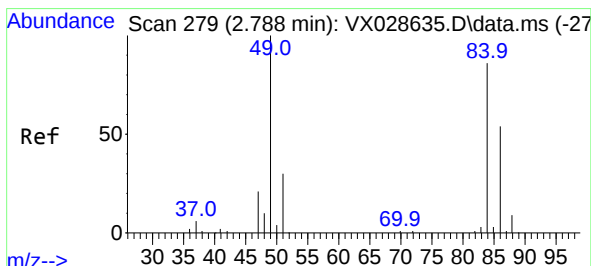
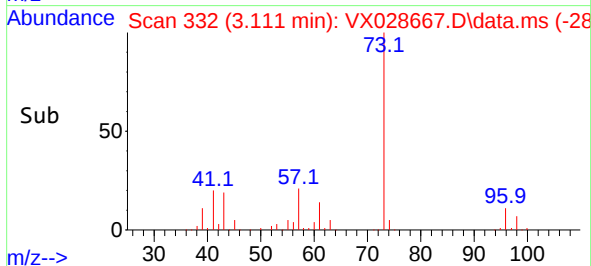
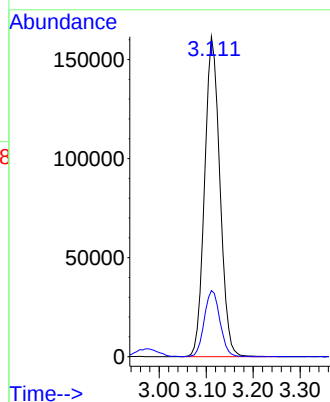
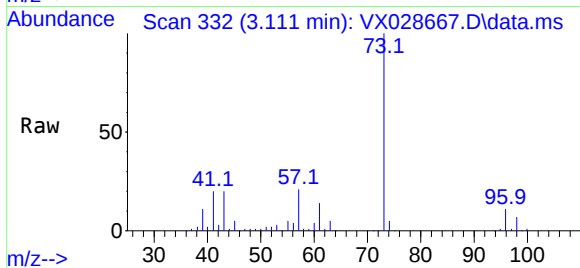
#19
Methyl tert-butyl Ether
Concen: 47.908 ug/l
RT: 3.111 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 73 Resp: 36397
Ion Ratio Lower Upper
73 100
57 20.6 16.8 25.2

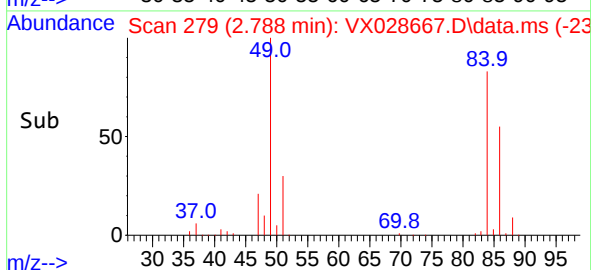
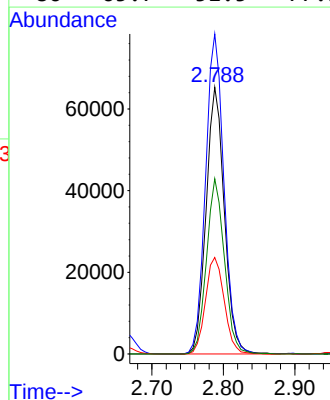
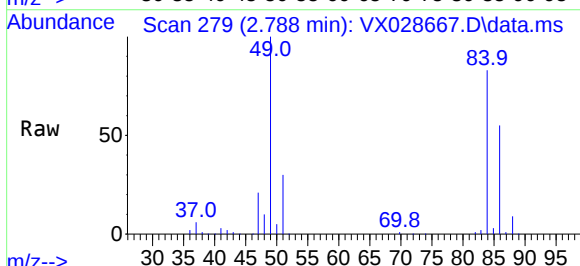
Manual Integrations
APPROVED

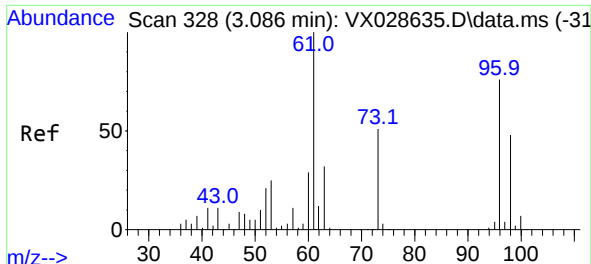
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#20
Methylene Chloride
Concen: 45.352 ug/l
RT: 2.788 min Scan# 279
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

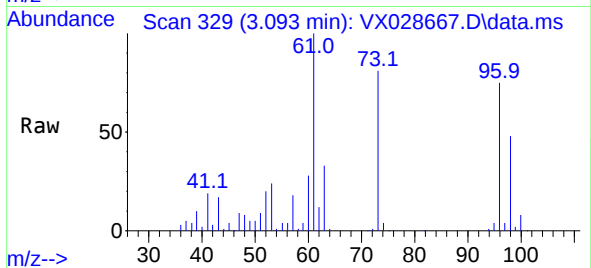
Tgt Ion: 84 Resp: 115790
Ion Ratio Lower Upper
84 100
49 120.0 85.5 128.3
51 36.2 26.6 39.8
86 65.7 51.5 77.3





#21
trans-1,2-Dichloroethene
Concen: 47.643 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

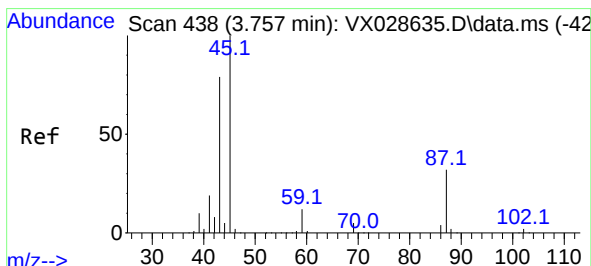
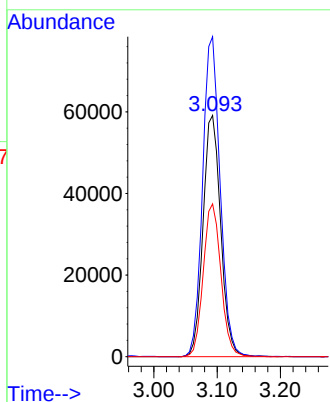
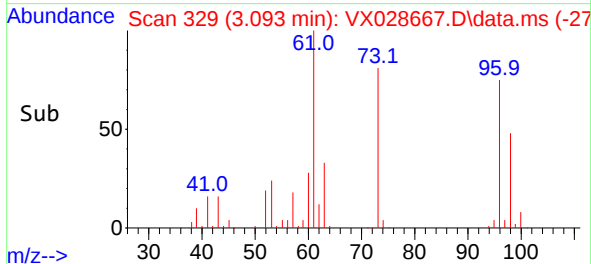
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



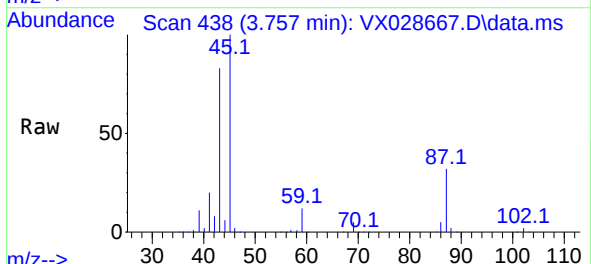
Tgt Ion: 96 Resp: 114892
Ion Ratio Lower Upper
96 100
61 132.6 105.4 158.2
98 63.3 50.0 75.0

Manual Integrations
APPROVED

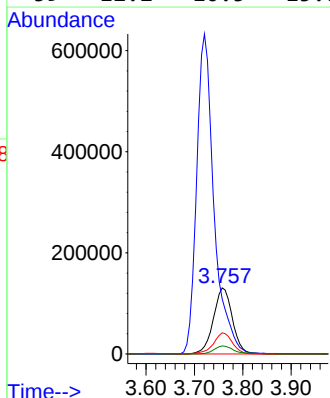
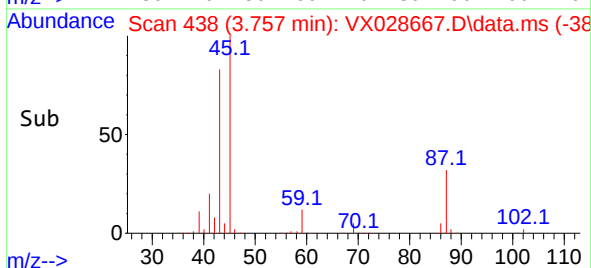
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

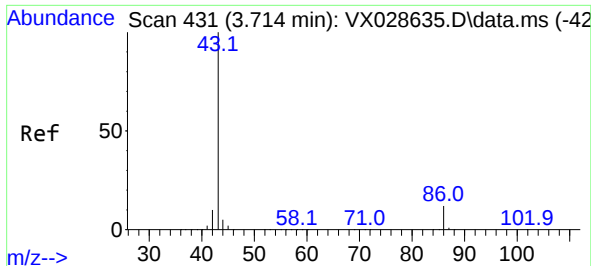


#22
Diisopropyl ether
Concen: 48.380 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 45 Resp: 355011
Ion Ratio Lower Upper
45 100
43 83.1 50.8 76.2#
87 32.0 26.6 39.8
59 12.2 10.5 15.7





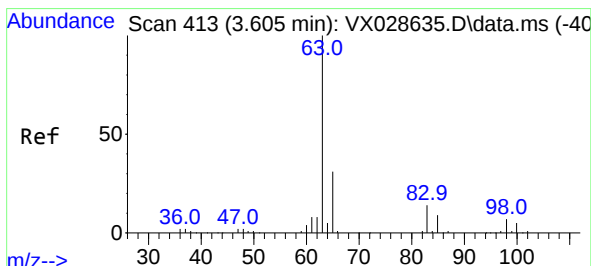
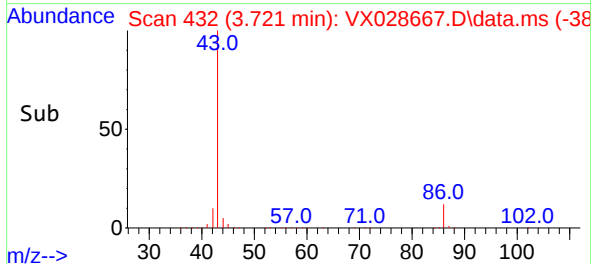
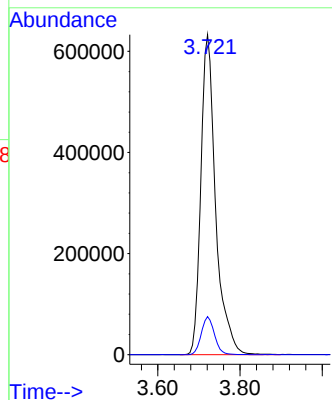
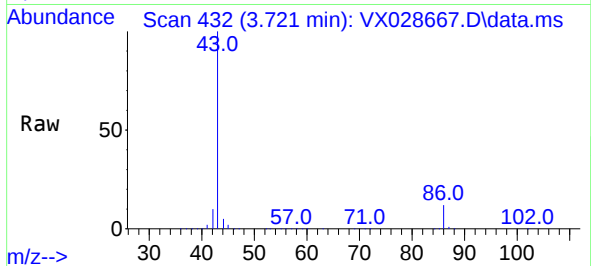
#23
Vinyl Acetate
Concen: 249.812 ug/l
RT: 3.721 min Scan# 411
Delta R.T. 0.007 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 1580275
Ion Ratio Lower Upper
43 100
86 11.9 10.8 16.2

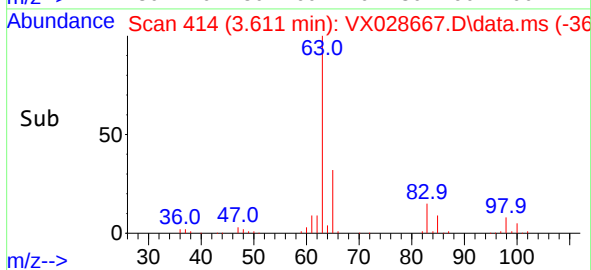
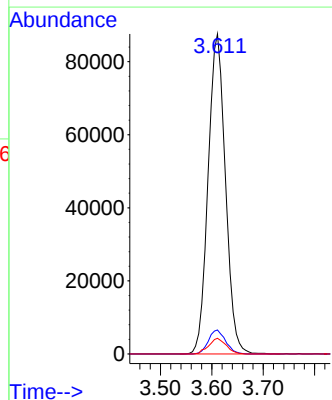
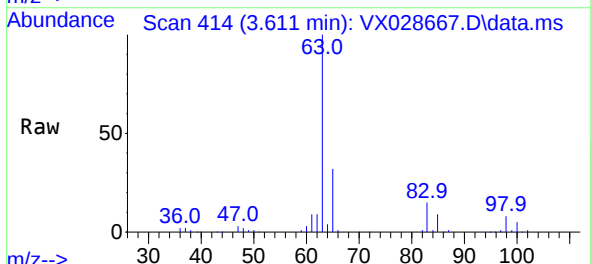
Manual Integrations
APPROVED

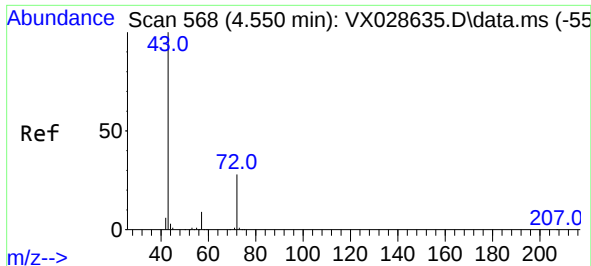
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#24
1,1-Dichloroethane
Concen: 48.016 ug/l
RT: 3.611 min Scan# 414
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

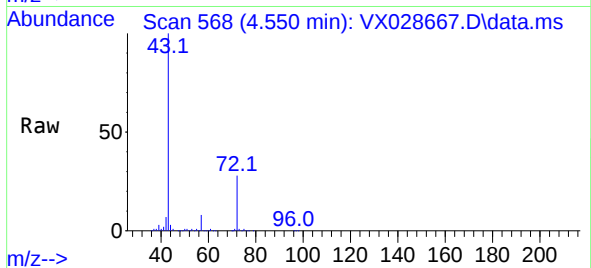
Tgt Ion: 63 Resp: 204832
Ion Ratio Lower Upper
63 100
98 7.5 3.9 11.7
100 4.9 2.4 7.2





#25
2-Butanone
Concen: 241.848 ug/l
RT: 4.550 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

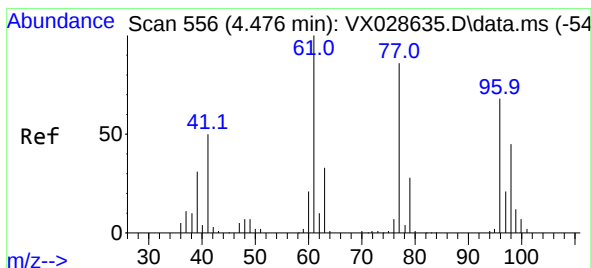
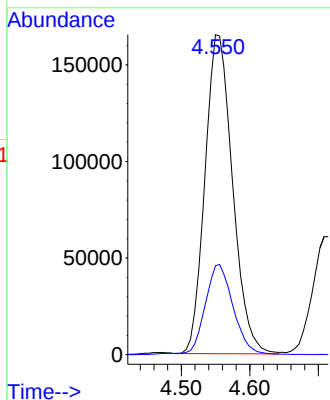
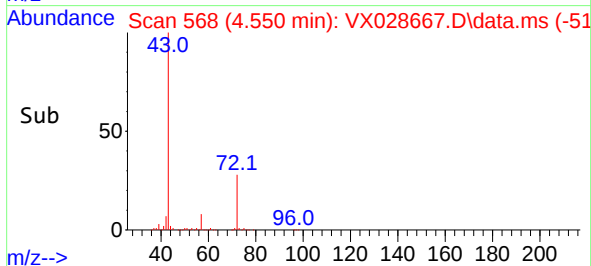
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



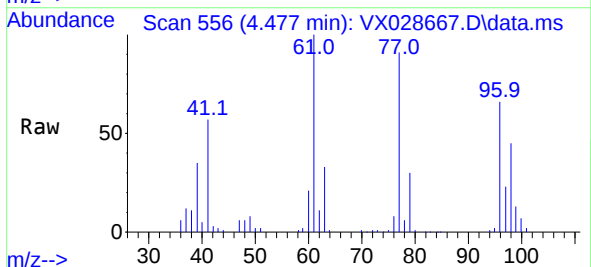
Tgt Ion: 43 Resp: 461990
Ion Ratio Lower Upper
43 100
72 27.7 24.4 36.6

Manual Integrations
APPROVED

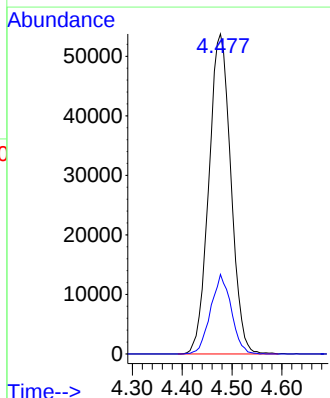
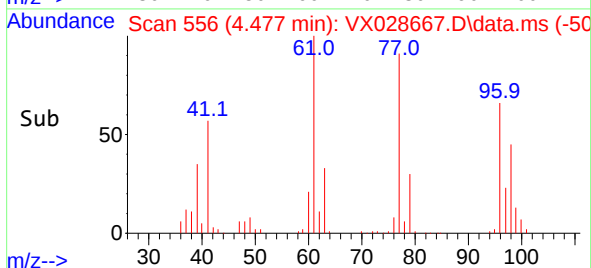
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#26
2,2-Dichloropropane
Concen: 49.265 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 77 Resp: 164779
Ion Ratio Lower Upper
77 100
97 23.3 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 46.957 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 96 Resp: 13225

Ion Ratio Lower Upper

96 100

61 141.9 0.0 283.8

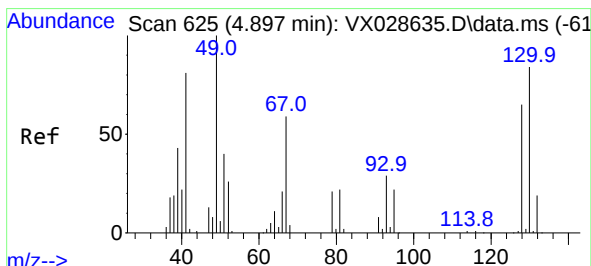
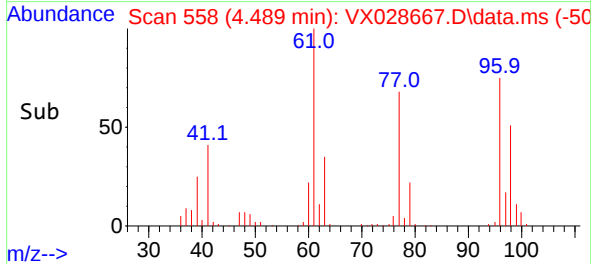
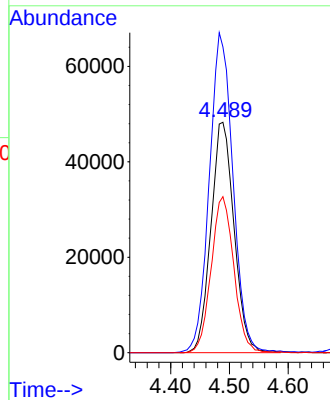
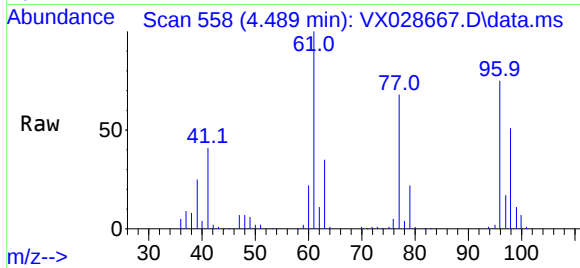
98 66.4 0.0 129.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#28

Bromochloromethane

Concen: 49.174 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

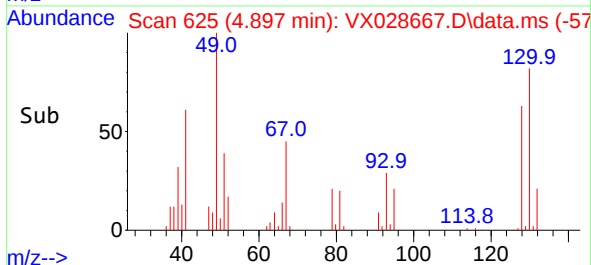
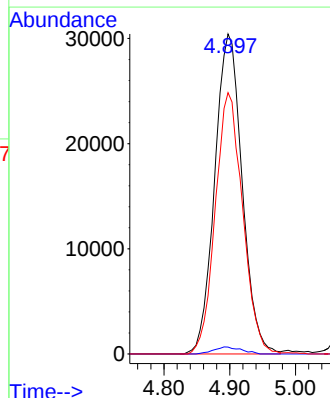
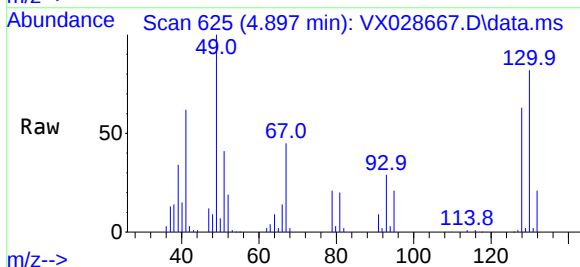
Tgt Ion: 49 Resp: 88297

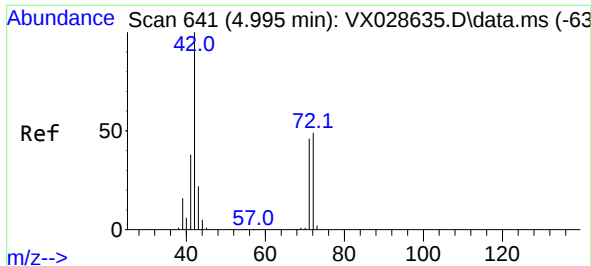
Ion Ratio Lower Upper

49 100

129 2.2 0.0 4.4

130 81.7 70.7 106.1





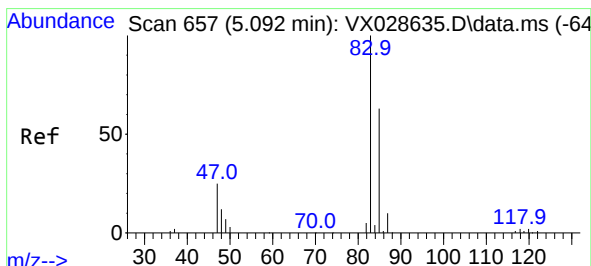
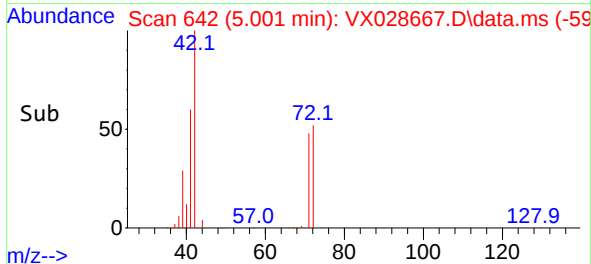
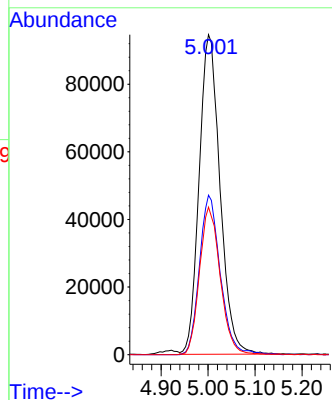
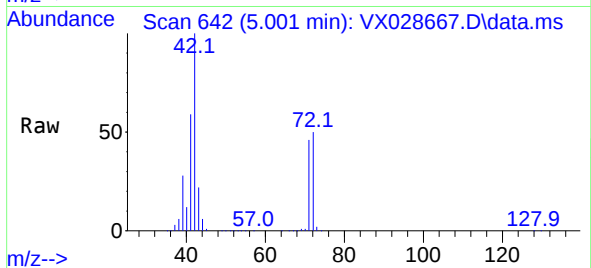
#29
Tetrahydrofuran
Concen: 234.996 ug/l
RT: 5.001 min Scan# 641
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 42 Resp: 291792
Ion Ratio Lower Upper
42 100
72 50.0 44.1 66.1
71 45.8 40.5 60.7

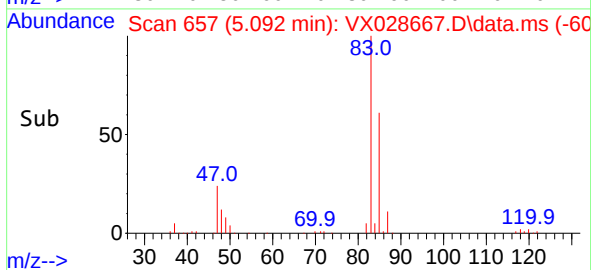
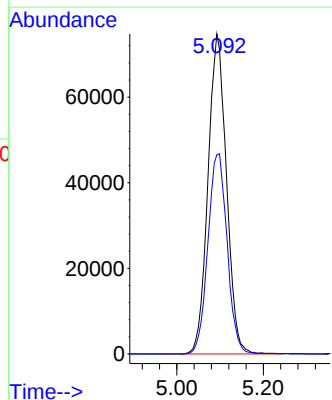
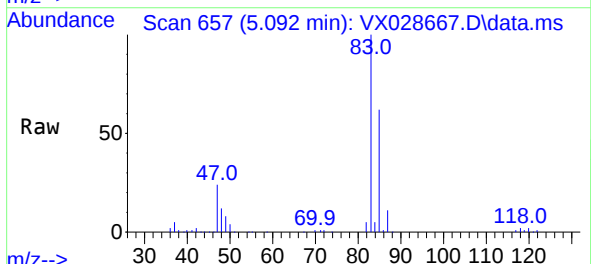
Manual Integrations
APPROVED

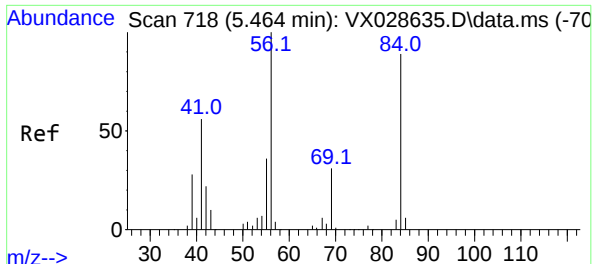
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#30
Chloroform
Concen: 47.980 ug/l
RT: 5.092 min Scan# 657
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

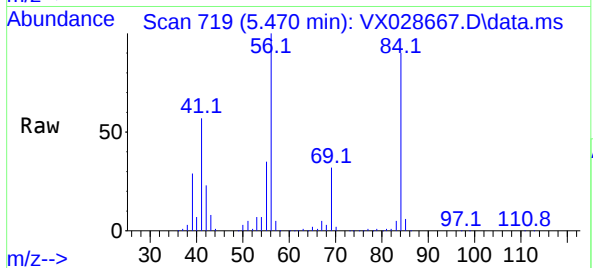
Tgt Ion: 83 Resp: 221515
Ion Ratio Lower Upper
83 100
85 62.2 52.7 79.1





#31
Cyclohexane
Concen: 48.010 ug/l
RT: 5.470 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

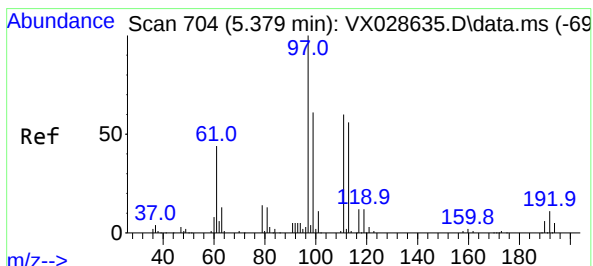
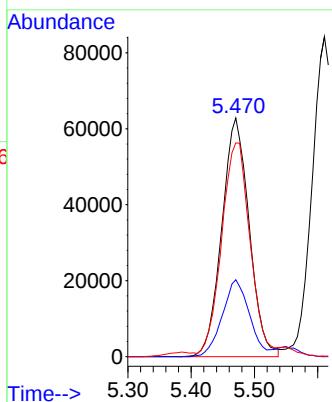
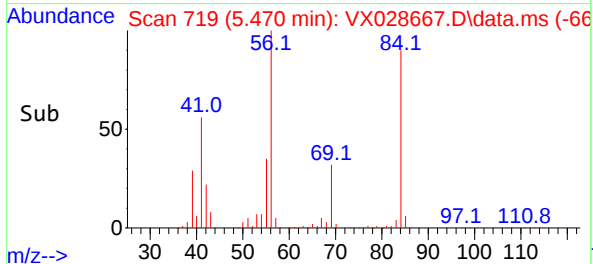
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



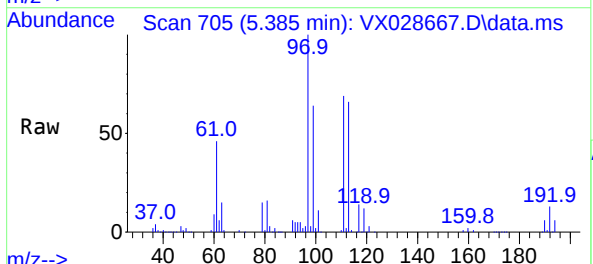
Tgt Ion: 56 Resp: 18896
Ion Ratio Lower Upper
56 100
69 32.2 26.7 40.1
84 87.9 77.2 115.8

Manual Integrations
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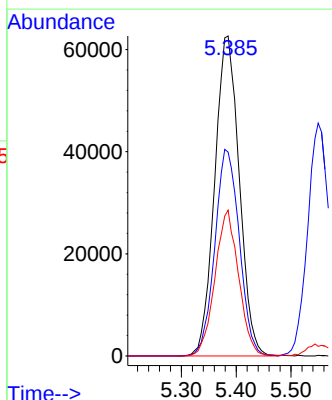
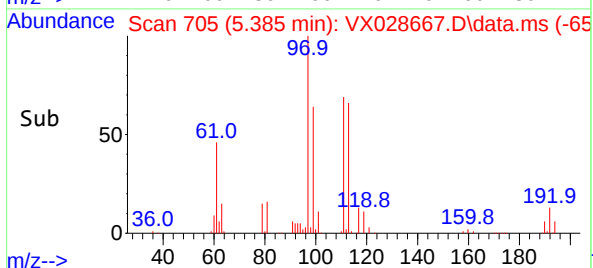
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#32
1,1,1-Trichloroethane
Concen: 48.430 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 97 Resp: 195199
Ion Ratio Lower Upper
97 100
99 64.3 51.8 77.6
61 43.9 34.0 51.0





#33

1,2-Dichloroethane-d4

Concen: 52.209 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 65 Resp: 14804

Ion Ratio Lower Upper

65 100

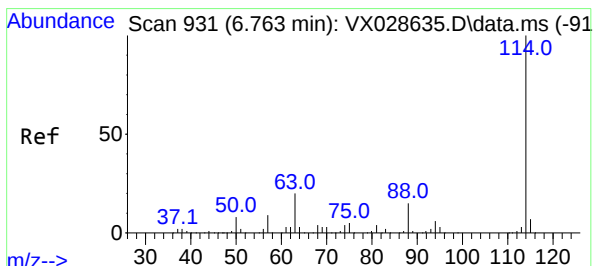
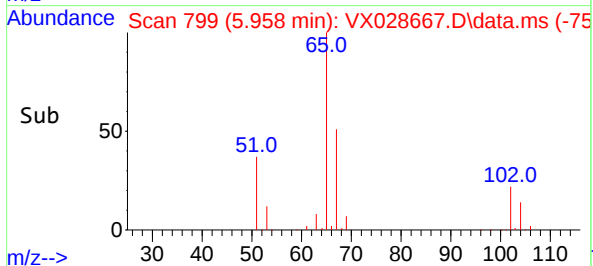
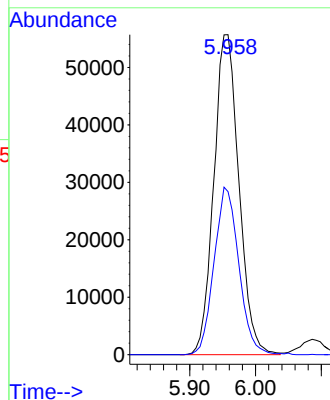
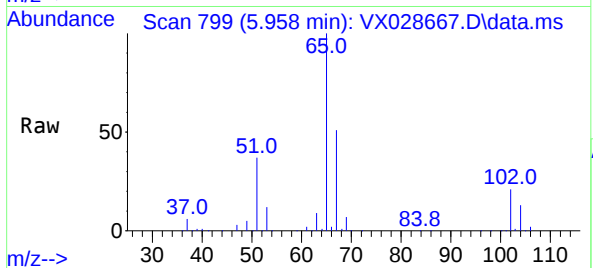
67 51.6 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

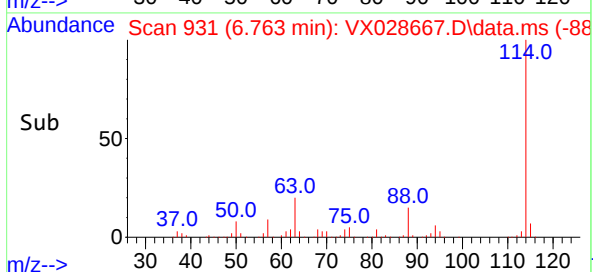
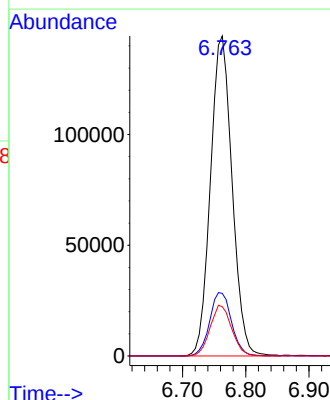
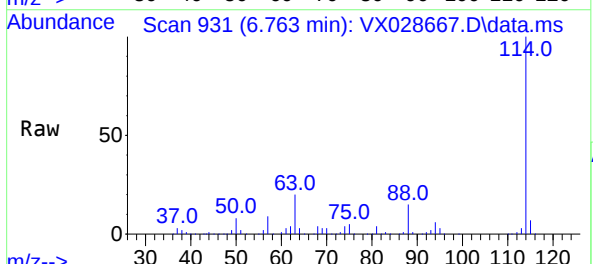
Tgt Ion:114 Resp: 342903

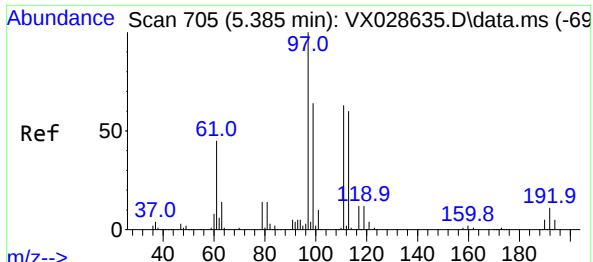
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.8

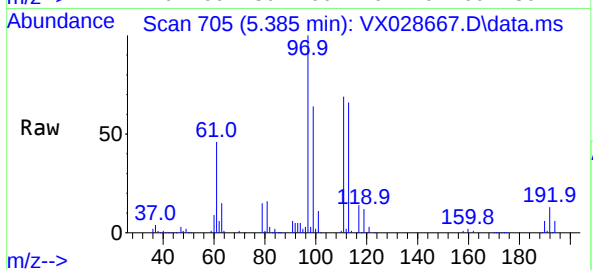
88 15.4 0.0 32.4





#35
Dibromofluoromethane
Concen: 53.459 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

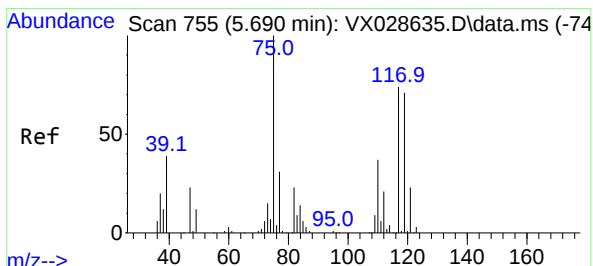
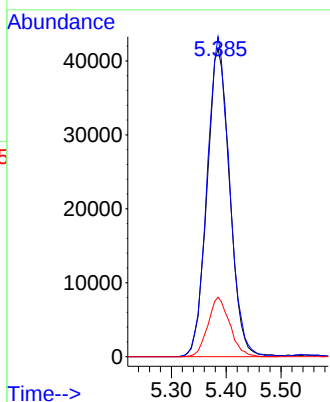
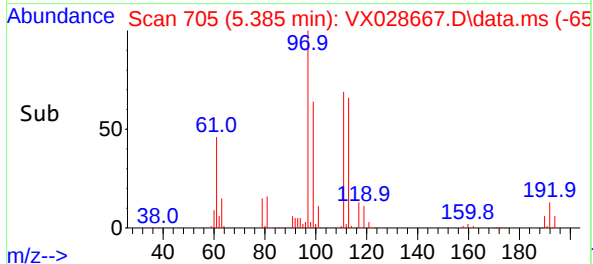
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



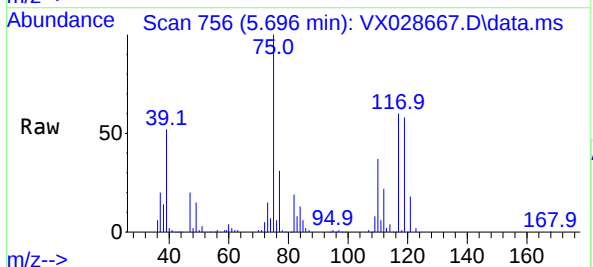
Tgt Ion: 113 Resp: 120104
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 18.5 16.9 25.3

Manual Integrations
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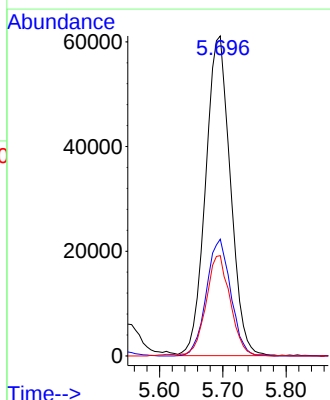
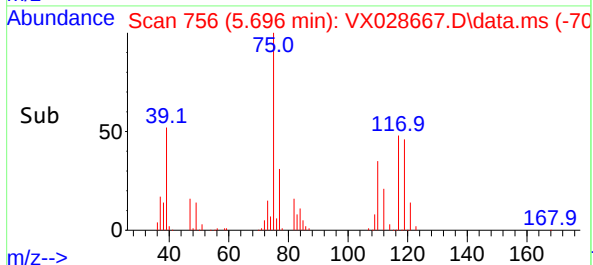
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

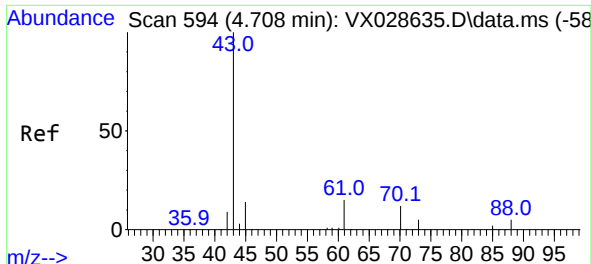


#36
1,1-Dichloropropene
Concen: 49.166 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



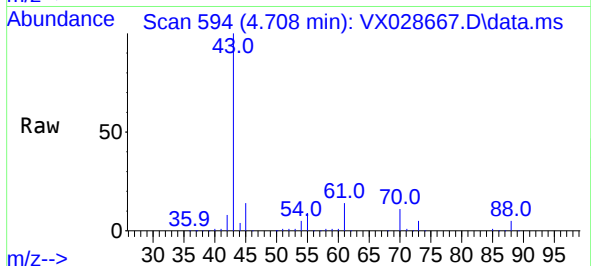
Tgt Ion: 75 Resp: 165908
Ion Ratio Lower Upper
75 100
110 36.0 18.3 54.8
77 30.8 24.8 37.2





#37
Ethyl Acetate
Concen: 49.941 ug/l
RT: 4.708 min Scan# 594
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

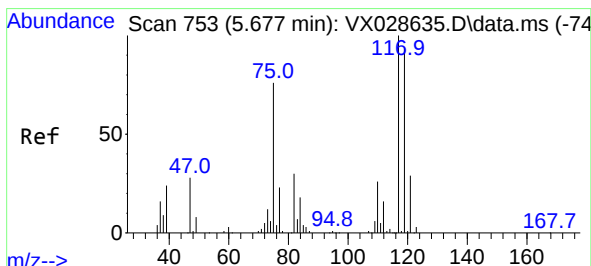
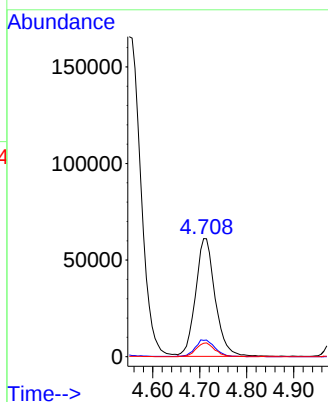
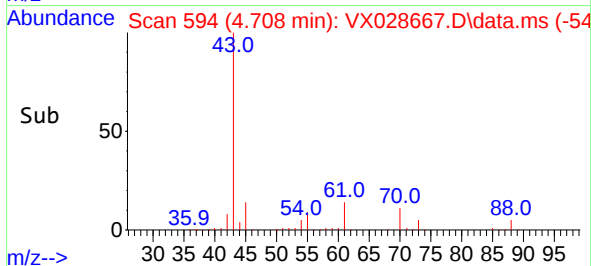
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



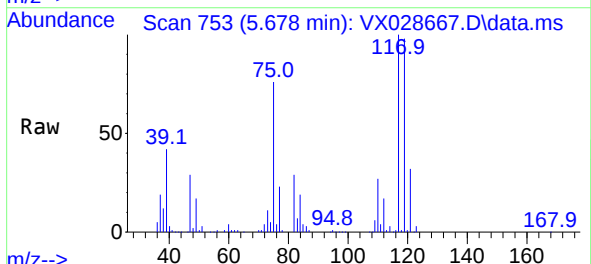
Tgt Ion: 43 Resp: 176020
Ion Ratio Lower Upper
43 100
61 14.5 12.6 19.0
70 11.2 10.2 15.2

Manual Integrations
APPROVED

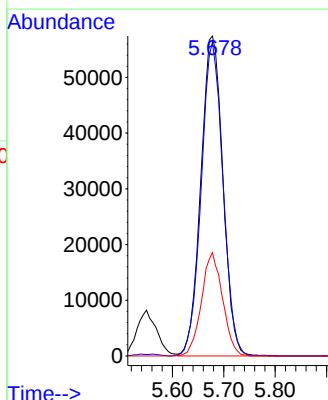
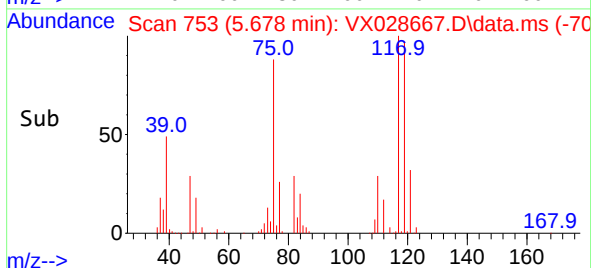
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

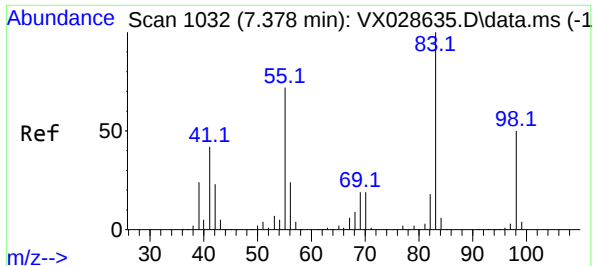


#38
Carbon Tetrachloride
Concen: 50.434 ug/l
RT: 5.678 min Scan# 753
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:117 Resp: 171272
Ion Ratio Lower Upper
117 100
119 98.1 77.3 115.9
121 32.3 24.2 36.2





#39
Methylcyclohexane
Concen: 50.354 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

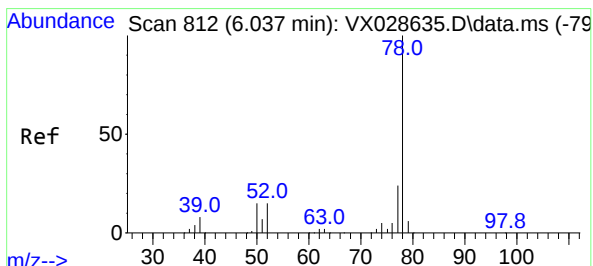
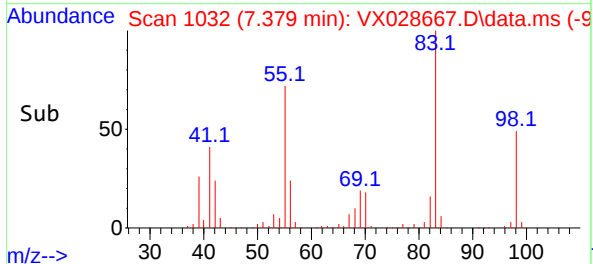
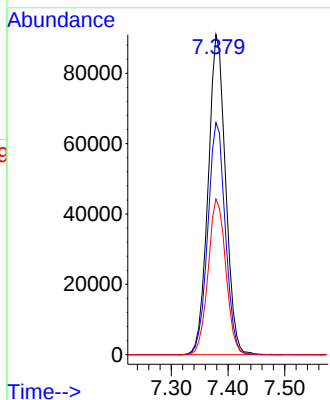
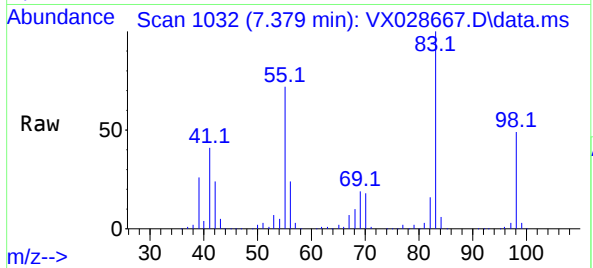
Tgt Ion: 83 Resp: 19486
Ion Ratio Lower Upper
83 100
55 72.5 54.6 81.8
98 48.6 37.4 56.2

Manual Integrations

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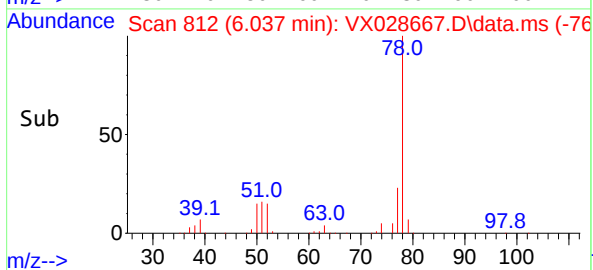
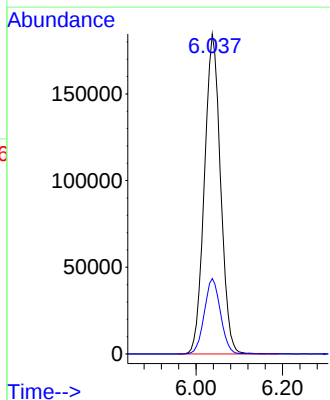
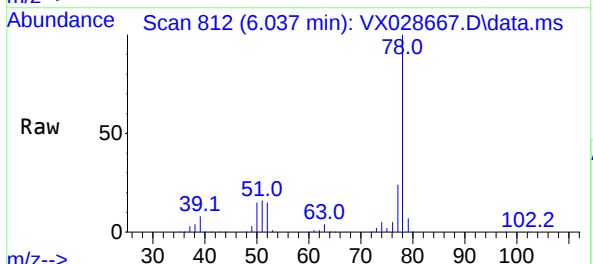
Reviewed By :John Carlone 05/16/2022

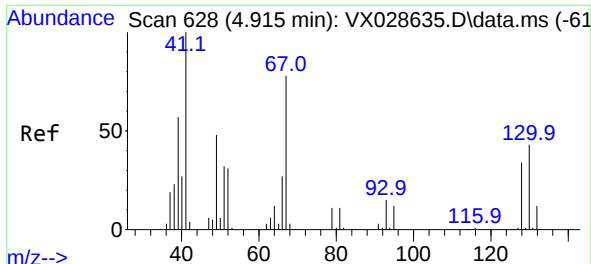
Supervised By :Mahesh Dadoda 05/16/2022



#40
Benzene
Concen: 49.211 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

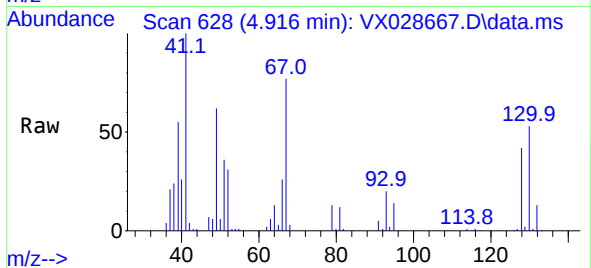
Tgt Ion: 78 Resp: 477255
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9





#41
Methacrylonitrile
Concen: 48.931 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

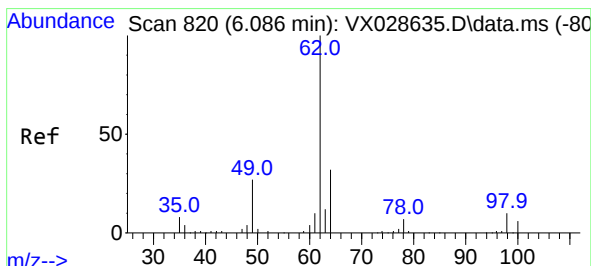
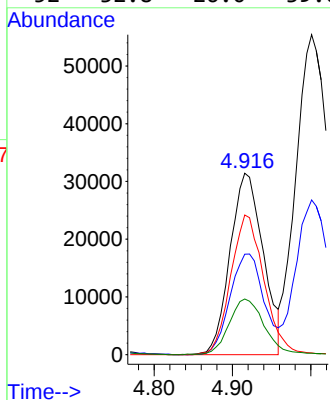
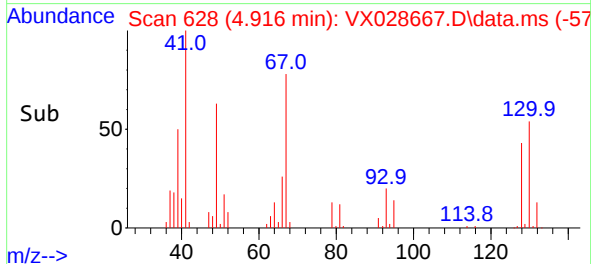
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 41 Resp: 92469
Ion Ratio Lower Upper
41 100
39 57.0 43.0 64.4
67 77.5 70.2 105.4
52 32.8 26.0 39.0

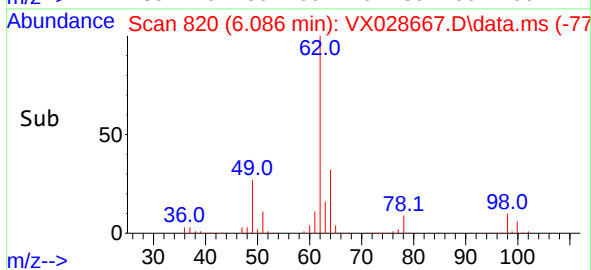
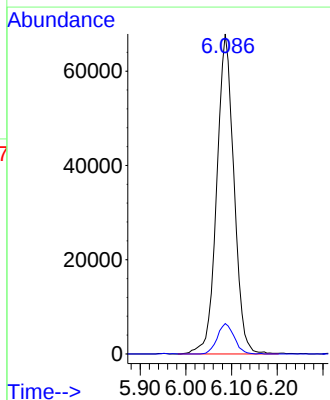
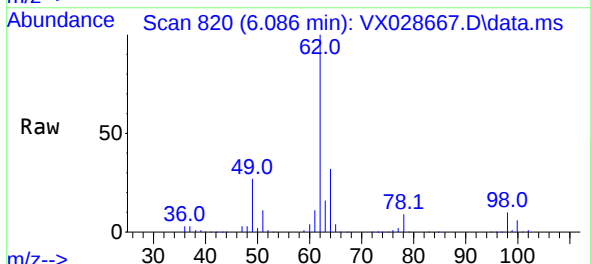
Manual Integrations
APPROVED

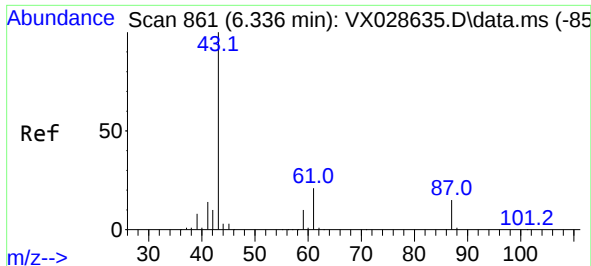
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#42
1,2-Dichloroethane
Concen: 49.601 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

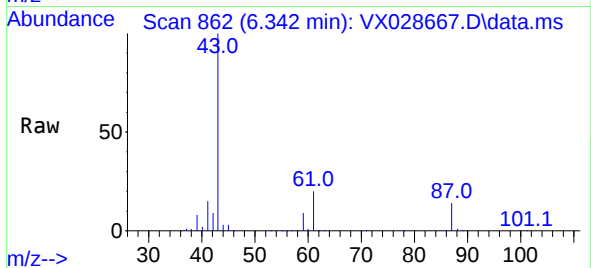
Tgt Ion: 62 Resp: 177432
Ion Ratio Lower Upper
62 100
98 9.3 0.0 20.4





#43
Isopropyl Acetate
Concen: 49.209 ug/l
RT: 6.342 min Scan# 861
Delta R.T. 0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

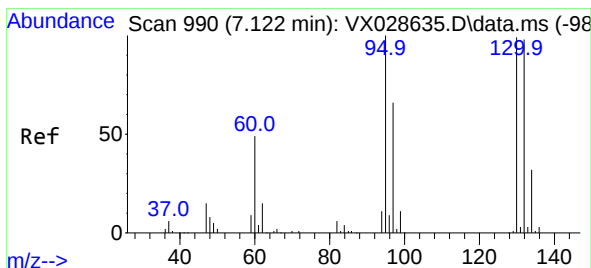
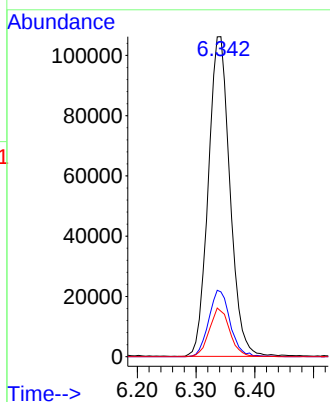
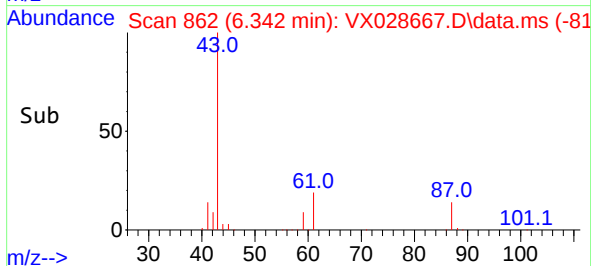
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



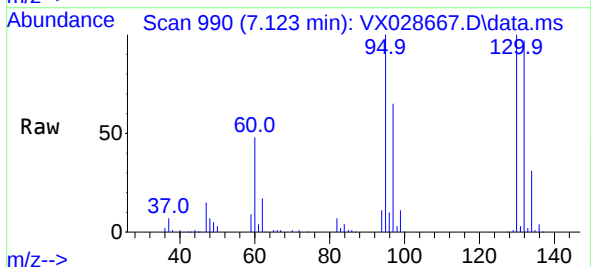
Tgt Ion: 43 Resp: 271334
Ion Ratio Lower Upper
43 100
61 20.6 18.5 27.7
87 14.3 13.0 19.6

Manual Integrations
APPROVED

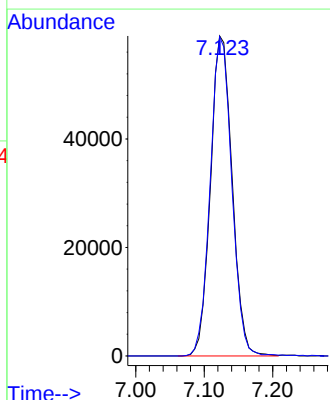
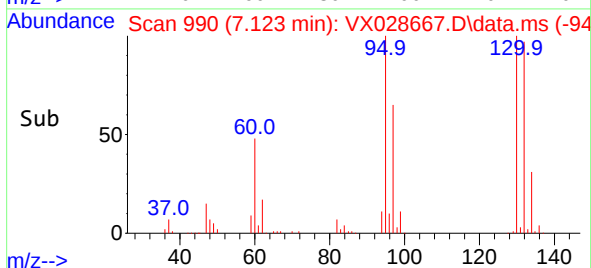
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#44
Trichloroethene
Concen: 49.042 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:130 Resp: 128989
Ion Ratio Lower Upper
130 100
95 99.8 0.0 188.8





#45

1,2-Dichloropropane

Concen: 49.145 ug/l

RT: 7.433 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 63 Resp: 11891

Ion Ratio Lower Upper

63 100

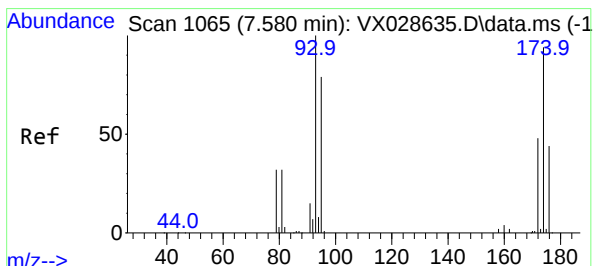
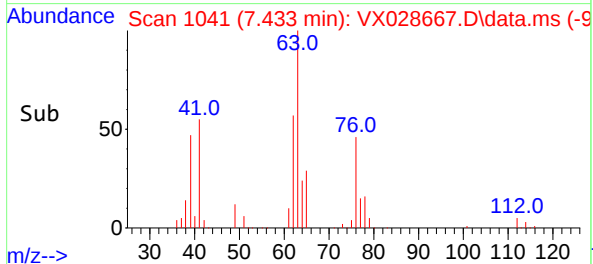
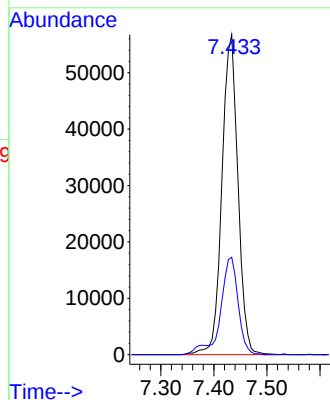
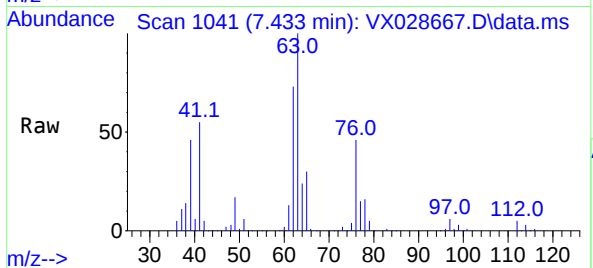
65 30.4 25.8 38.6

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#46

Dibromomethane

Concen: 48.889 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

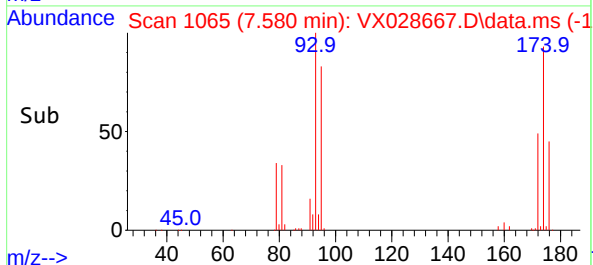
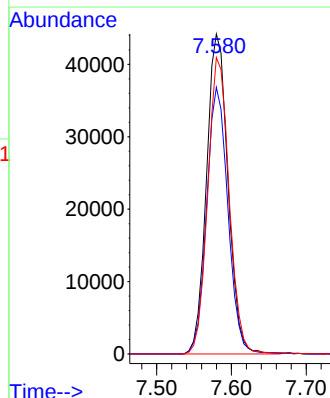
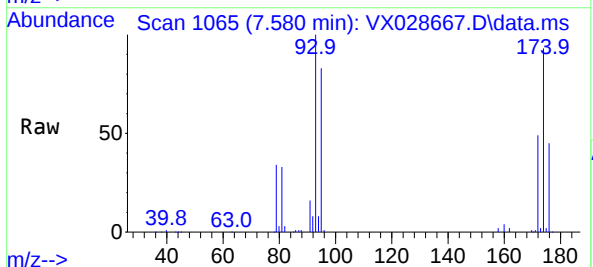
Tgt Ion: 93 Resp: 88342

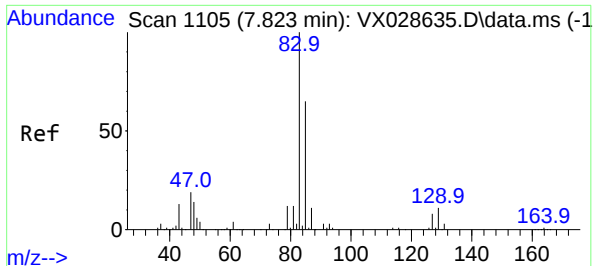
Ion Ratio Lower Upper

93 100

95 82.9 65.8 98.6

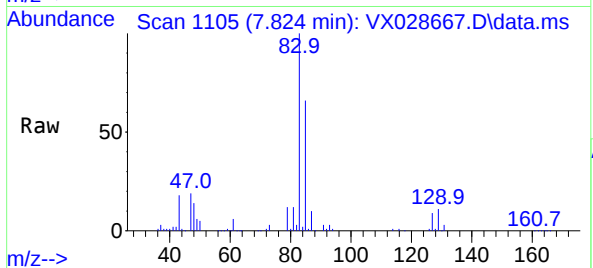
174 92.3 85.4 128.2





#47
Bromodichloromethane
Concen: 50.770 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

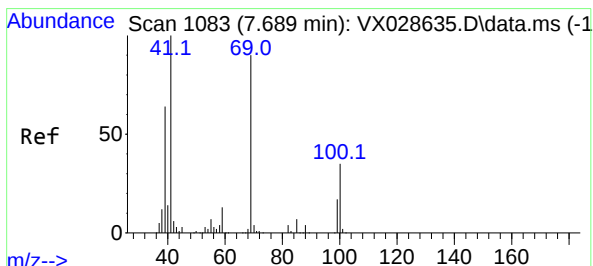
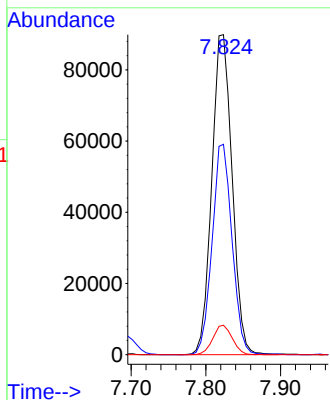
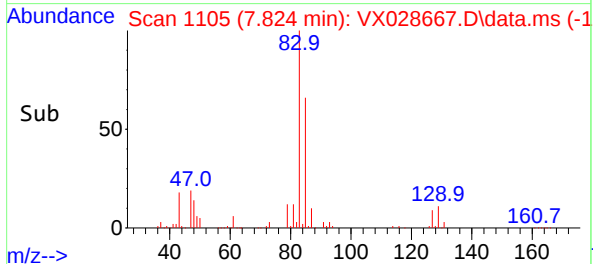
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



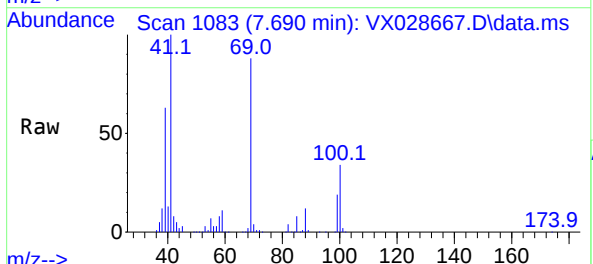
Tgt Ion: 83 Resp: 170324
Ion Ratio Lower Upper
83 100
85 65.7 52.2 78.2
127 9.2 6.8 10.2

Manual Integrations
APPROVED

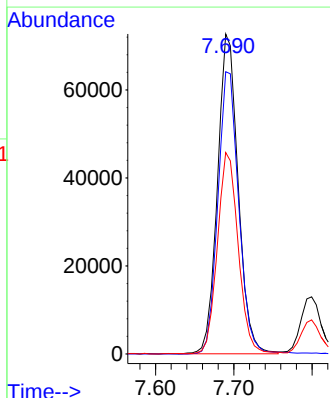
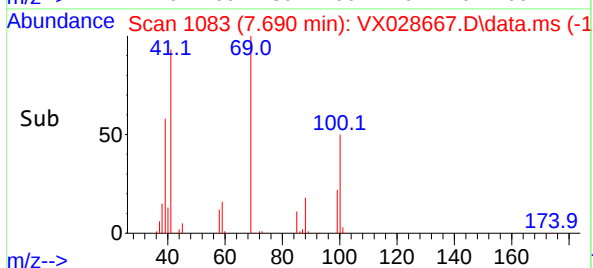
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

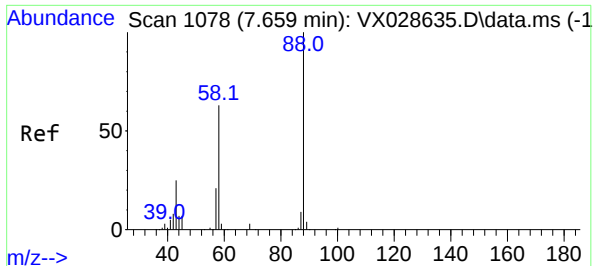


#48
Methyl methacrylate
Concen: 50.001 ug/l
RT: 7.690 min Scan# 1083
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 41 Resp: 133185
Ion Ratio Lower Upper
41 100
69 89.6 82.5 123.7
39 63.9 43.8 65.8





#49

1,4-Dioxane

Concen: 951.614 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 88 Resp: 6332

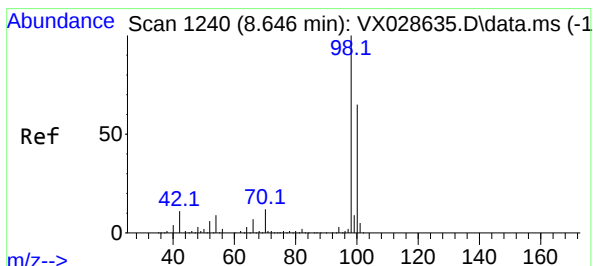
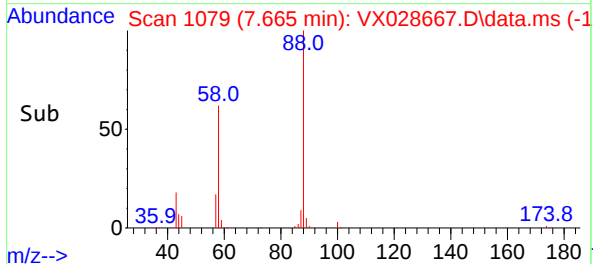
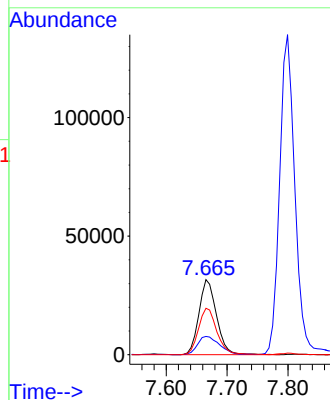
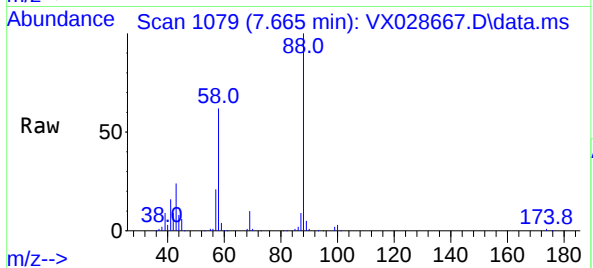
Ion	Ratio	Lower	Upper
88	100		
43	30.8	21.9	32.9
58	64.9	53.7	80.5

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#50

Toluene-d8

Concen: 53.847 ug/l

RT: 8.647 min Scan# 1240

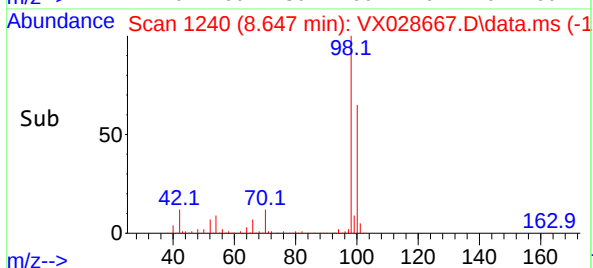
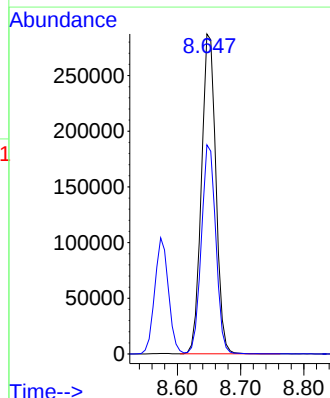
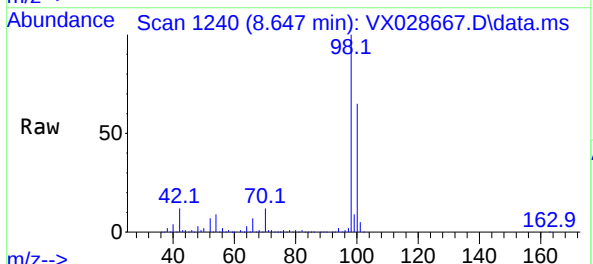
Delta R.T. 0.001 min

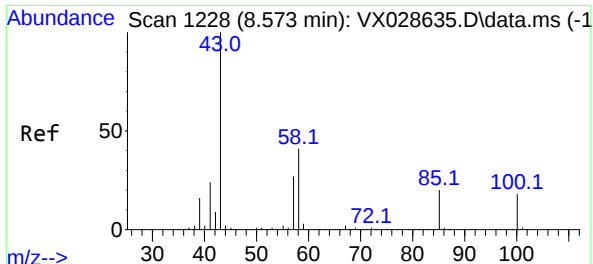
Lab File: VX028667.D

Acq: 13 May 2022 10:49

Tgt Ion: 98 Resp: 456096

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.6	78.8





#51

4-Methyl-2-Pentanone

Concen: 245.843 ug/l

RT: 8.573 min Scan# 1228

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 892898

Ion Ratio Lower Upper

43 100

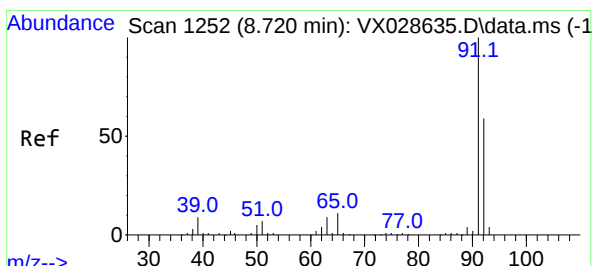
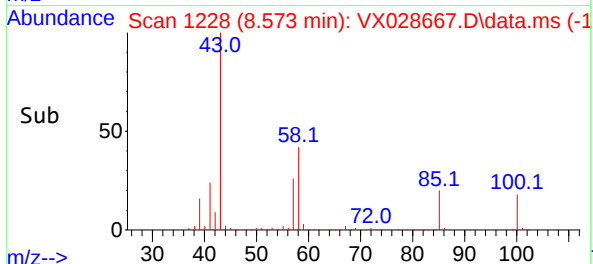
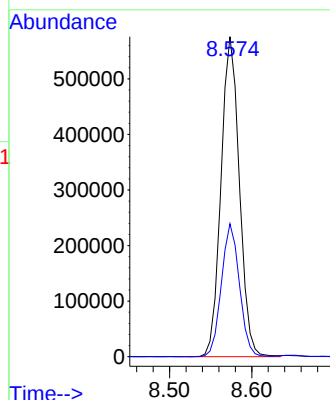
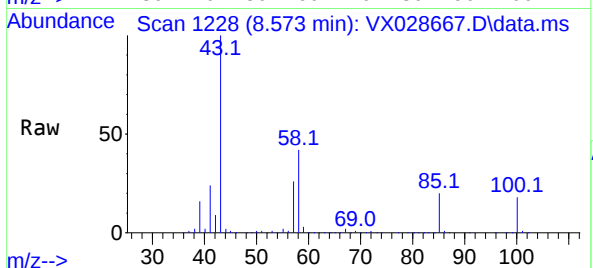
58 40.8 36.1 54.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#52

Toluene

Concen: 50.022 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. -0.000 min

Lab File: VX028667.D

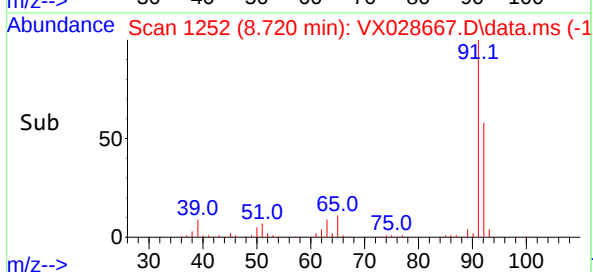
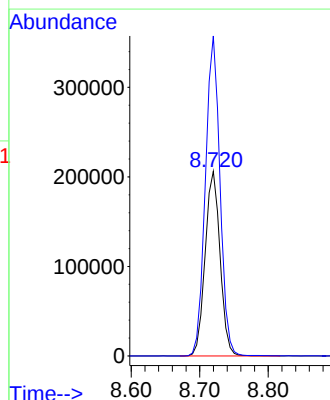
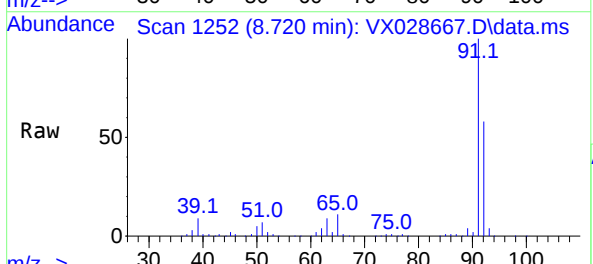
Acq: 13 May 2022 10:49

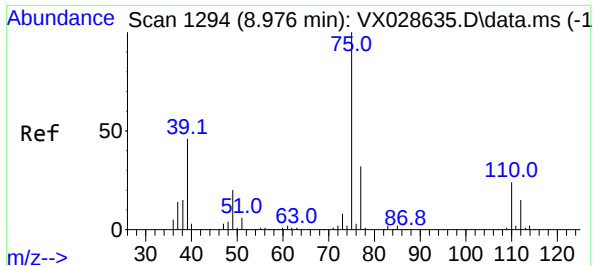
Tgt Ion: 92 Resp: 312062

Ion Ratio Lower Upper

92 100

91 169.9 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 46.145 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 75 Resp: 177694

Ion Ratio Lower Upper

75 100

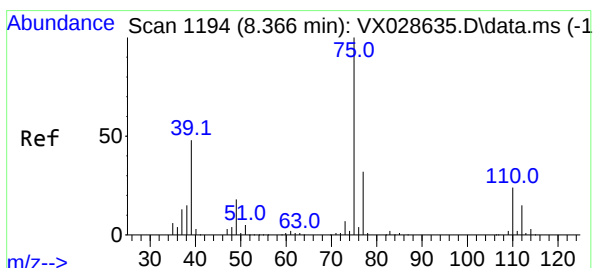
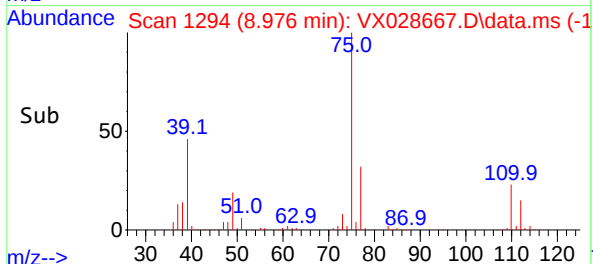
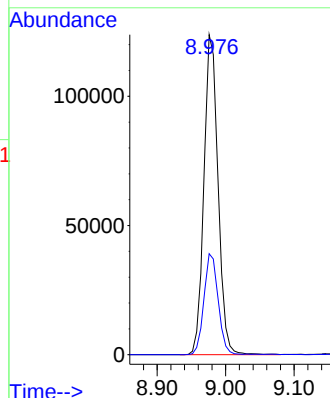
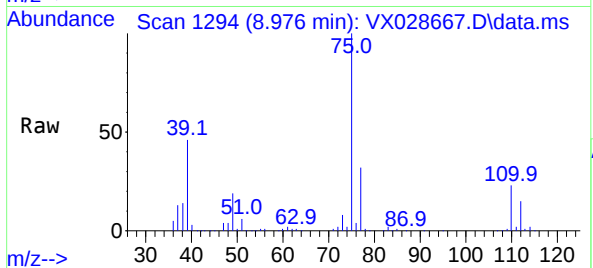
77 31.5 25.4 38.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#54

cis-1,3-Dichloropropene

Concen: 52.164 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

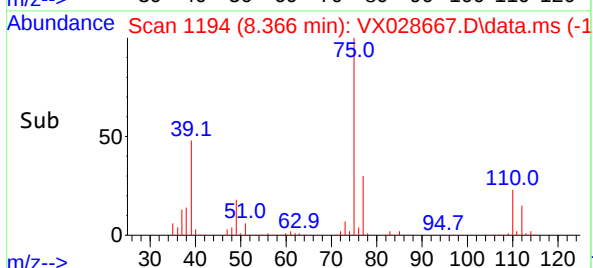
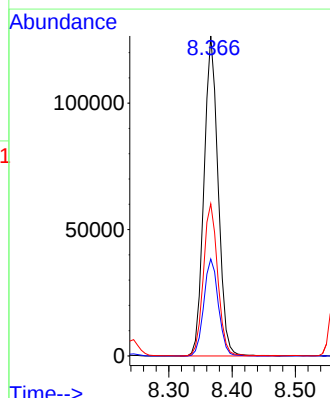
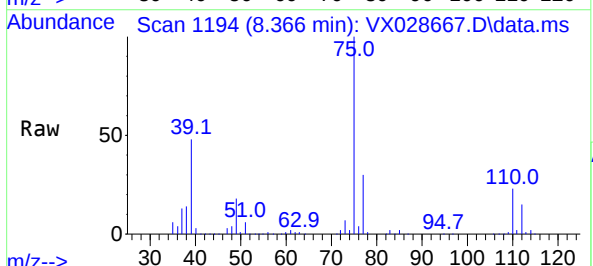
Tgt Ion: 75 Resp: 196911

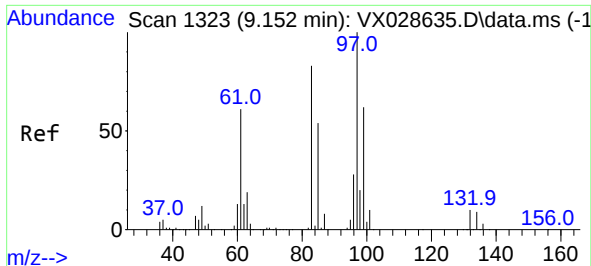
Ion Ratio Lower Upper

75 100

77 30.3 24.8 37.2

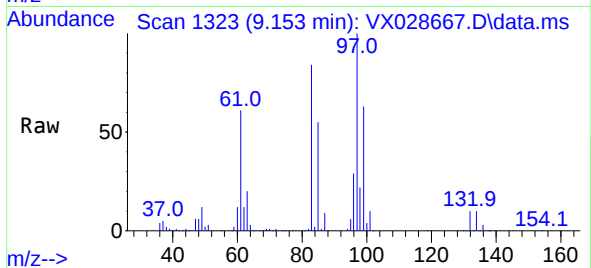
39 47.6 29.6 44.4#





#55
1,1,2-Trichloroethane
Concen: 49.049 ug/l
RT: 9.153 min Scan# 1323
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

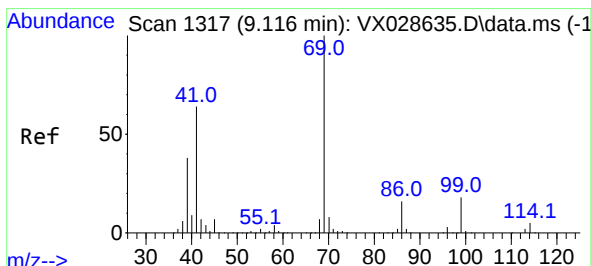
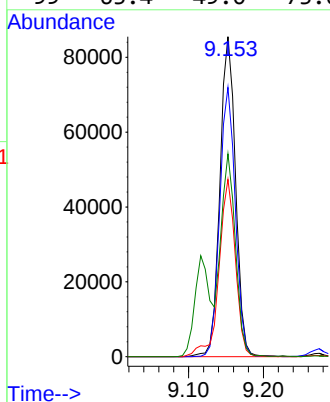
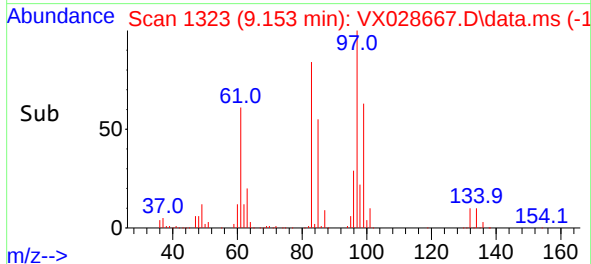
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



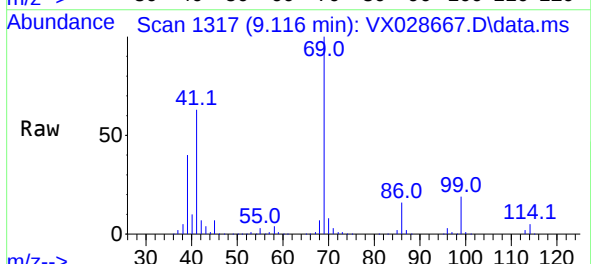
Tgt Ion: 97 Resp: 124770
Ion Ratio Lower Upper
97 100
83 84.1 66.2 99.4
85 55.4 42.9 64.3
99 63.4 49.0 73.6

Manual Integrations
APPROVED

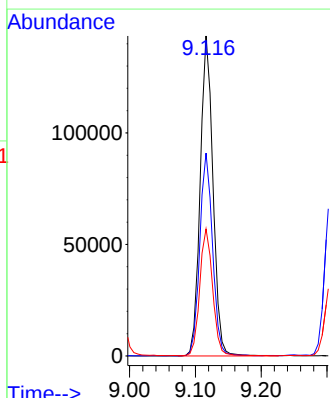
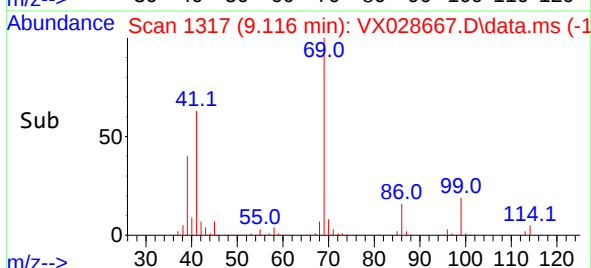
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

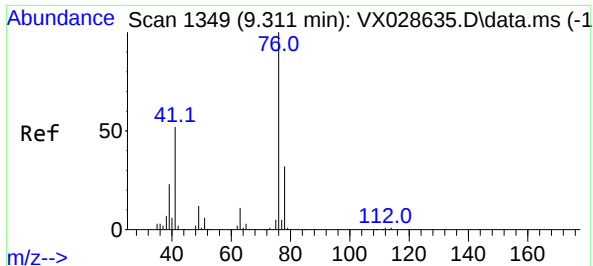


#56
Ethyl methacrylate
Concen: 50.291 ug/l
RT: 9.116 min Scan# 1317
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 69 Resp: 193737
Ion Ratio Lower Upper
69 100
41 63.4 43.8 65.6
39 39.9 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 49.119 ug/l

RT: 9.311 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 76 Resp: 210754

Ion Ratio Lower Upper

76 100

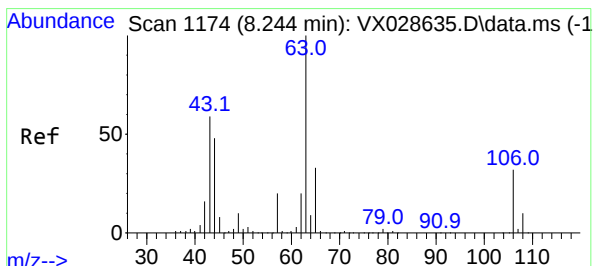
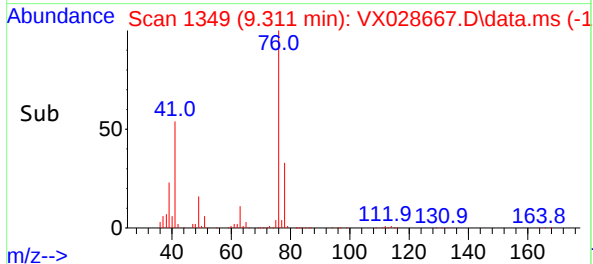
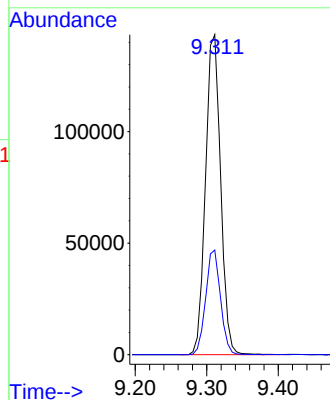
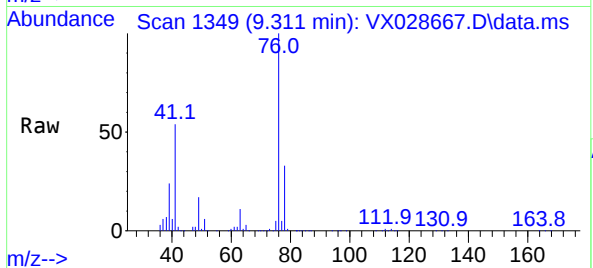
78 32.1 25.8 38.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#58

2-Chloroethyl Vinyl ether

Concen: 241.084 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028667.D

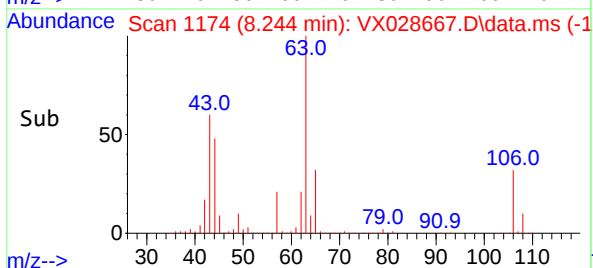
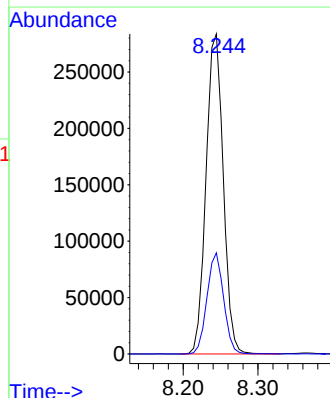
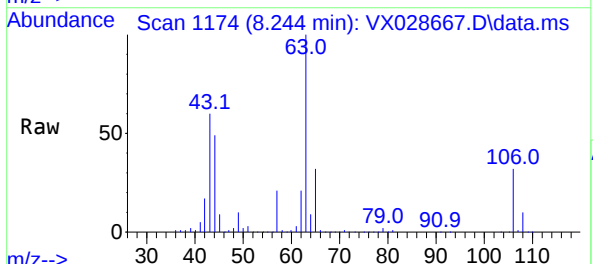
Acq: 13 May 2022 10:49

Tgt Ion: 63 Resp: 454693

Ion Ratio Lower Upper

63 100

106 30.5 23.9 35.9





#59

2-Hexanone

Concen: 246.421 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 43 Resp: 695348

Ion Ratio Lower Upper

43 100

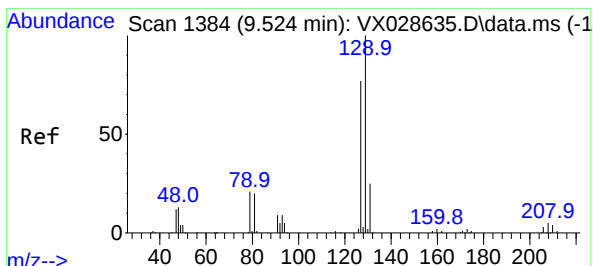
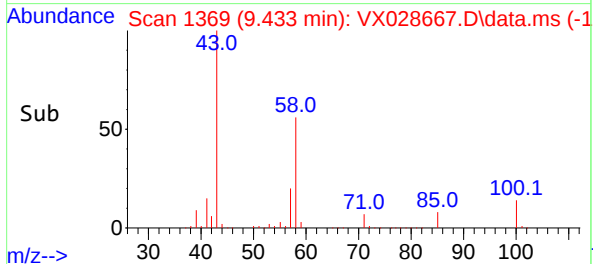
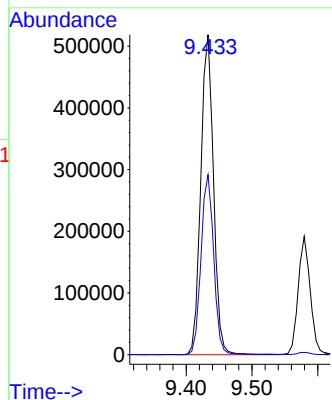
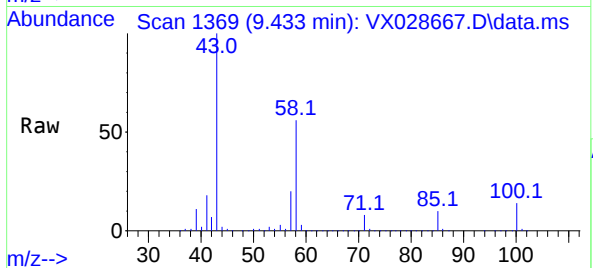
58 56.2 31.9 95.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#60

Dibromochloromethane

Concen: 52.444 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028667.D

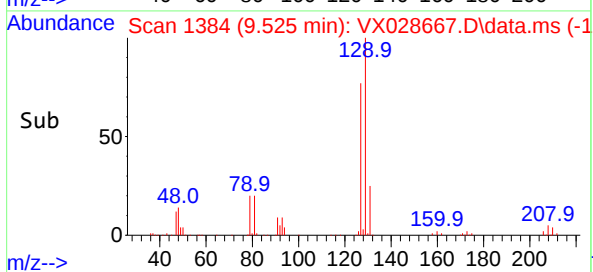
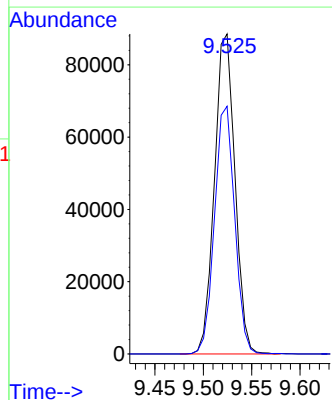
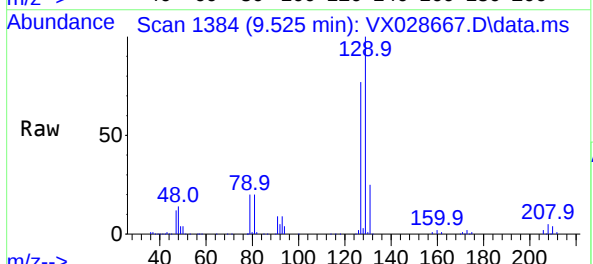
Acq: 13 May 2022 10:49

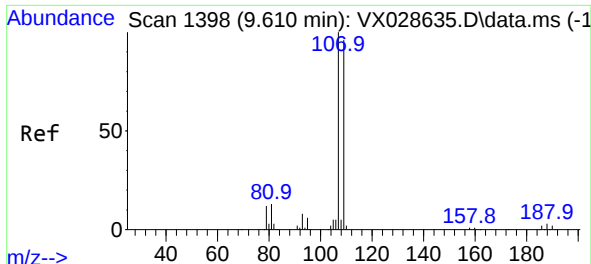
Tgt Ion:129 Resp: 130111

Ion Ratio Lower Upper

129 100

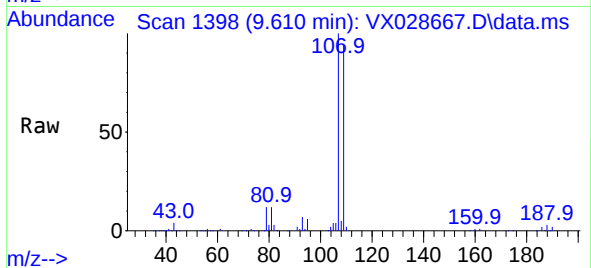
127 76.5 40.3 120.8





#61
1,2-Dibromoethane
Concen: 50.086 ug/l
RT: 9.610 min Scan# 1398
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

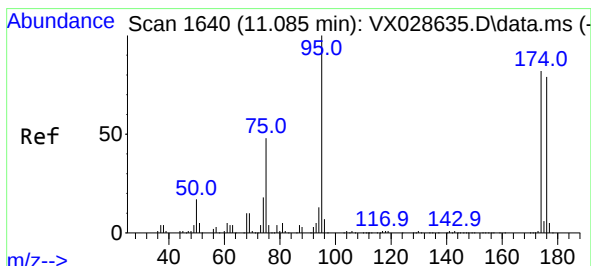
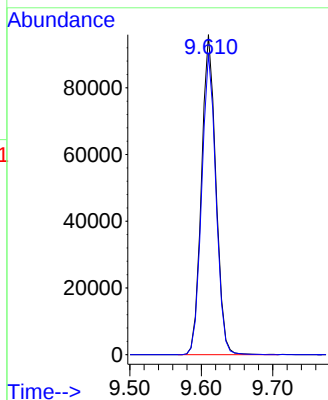
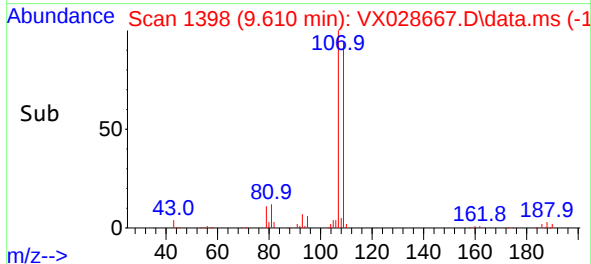
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



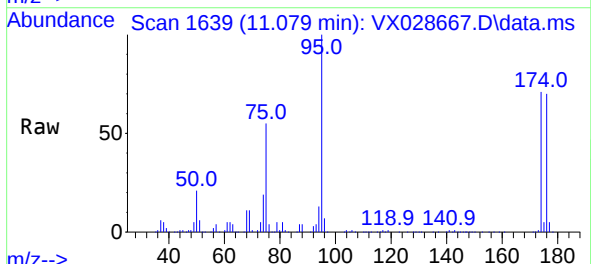
Tgt Ion:107 Resp: 13382
Ion Ratio Lower Upper
107 100
109 93.2 74.4 111.6

Manual Integrations
APPROVED

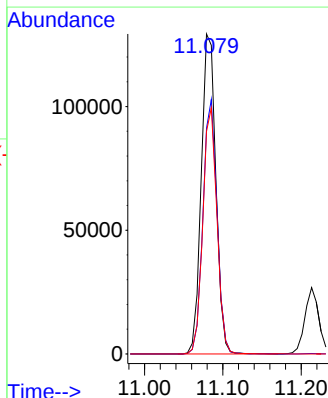
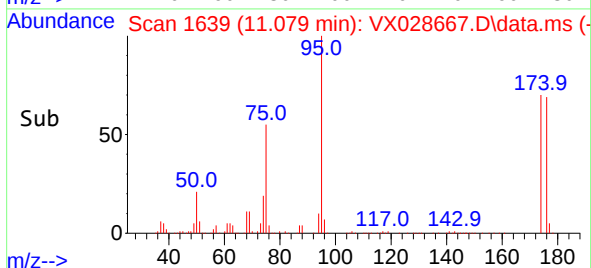
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

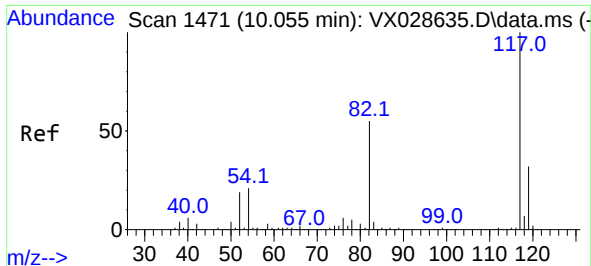


#62
4-Bromofluorobenzene
Concen: 52.831 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 95 Resp: 167141
Ion Ratio Lower Upper
95 100
174 76.3 0.0 163.0
176 74.2 0.0 155.0





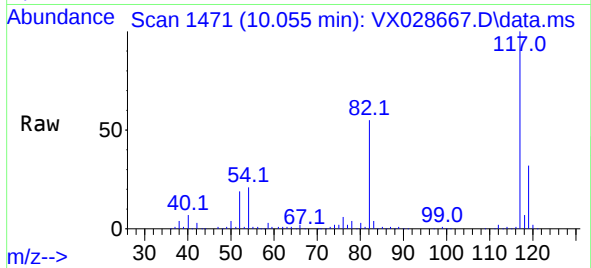
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050



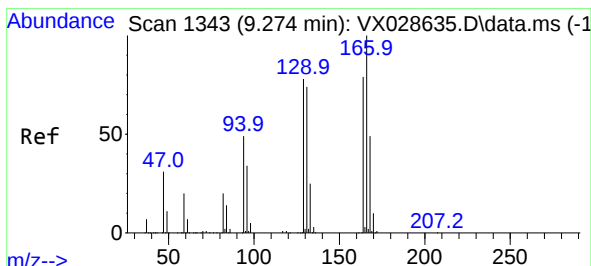
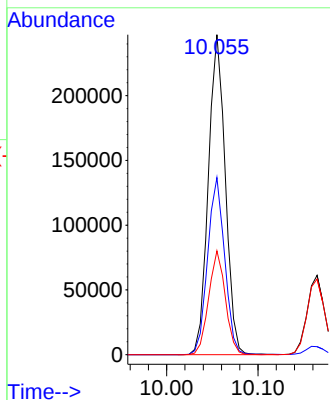
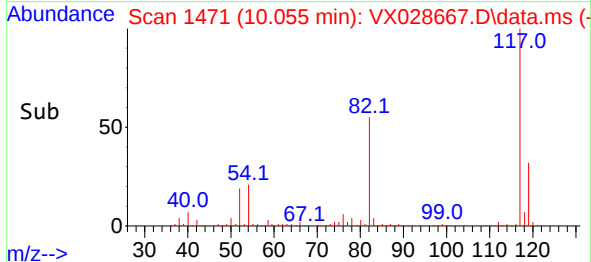
Tgt Ion:117 Resp: 31806
Ion Ratio Lower Upper
117 100
82 55.3 41.8 62.8
119 32.4 24.8 37.2

Manual Integrations

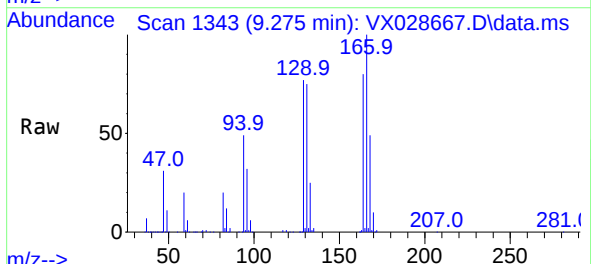
APPROVED

Reviewed By :John Carlone 05/16/2022

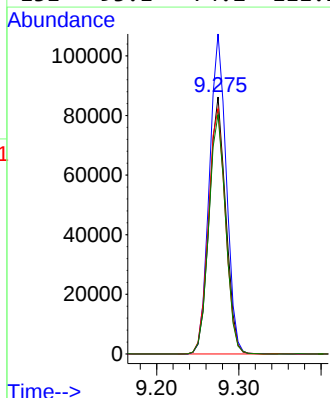
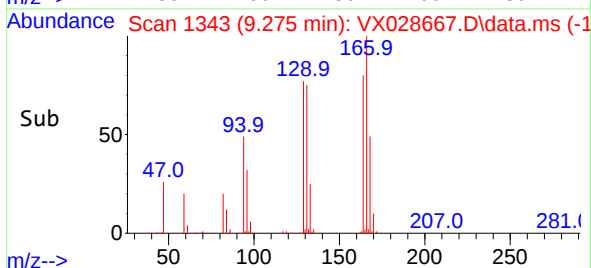
Supervised By :Mahesh Dadoda 05/16/2022



#64
Tetrachloroethene
Concen: 50.379 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:164 Resp: 121003
Ion Ratio Lower Upper
164 100
166 124.5 101.2 151.8
129 95.4 73.0 109.4
131 93.1 74.2 111.2





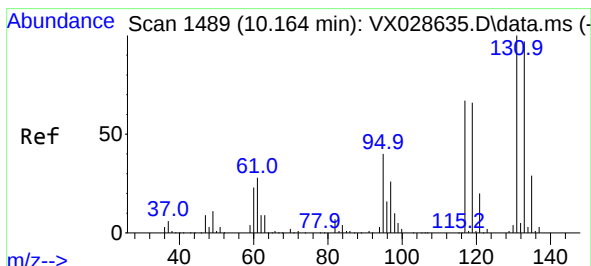
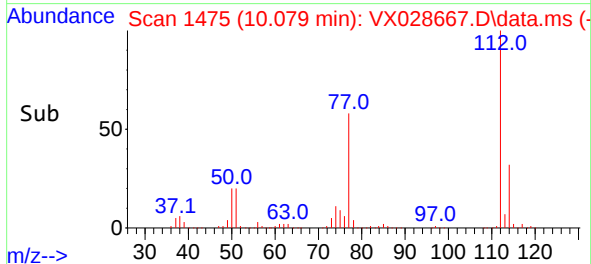
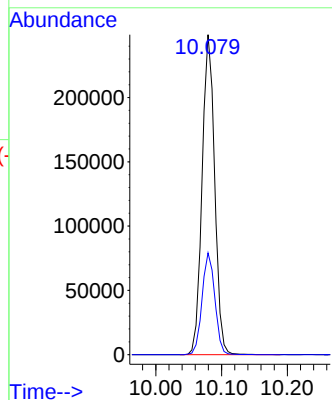
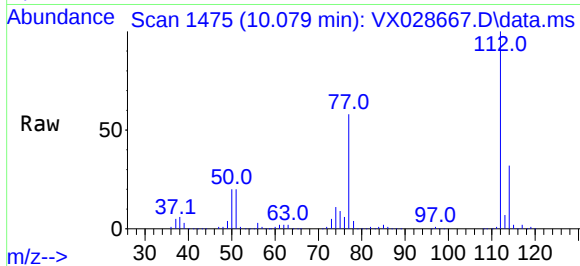
#65
Chlorobenzene
Concen: 49.021 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:112 Resp: 33076
Ion Ratio Lower Upper
112 100
114 31.8 25.8 38.8

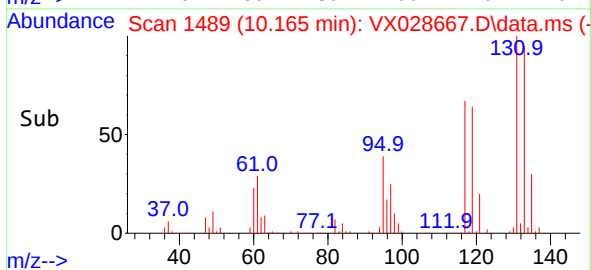
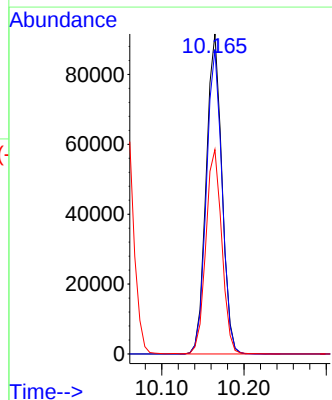
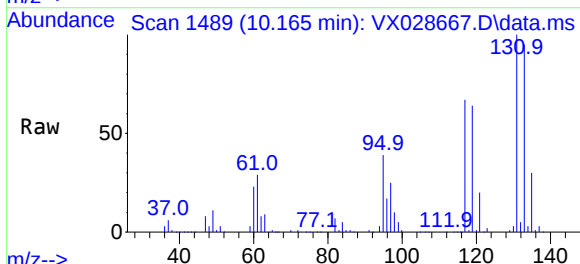
Manual Integrations
APPROVED

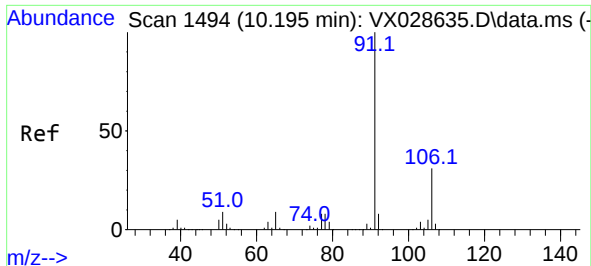
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 50.780 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

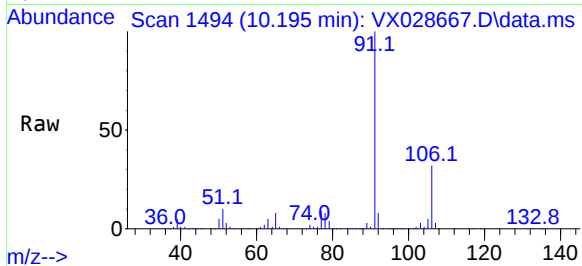
Tgt Ion:131 Resp: 121375
Ion Ratio Lower Upper
131 100
133 94.8 48.3 144.8
119 65.0 32.6 98.0





#67
Ethyl Benzene
Concen: 49.912 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

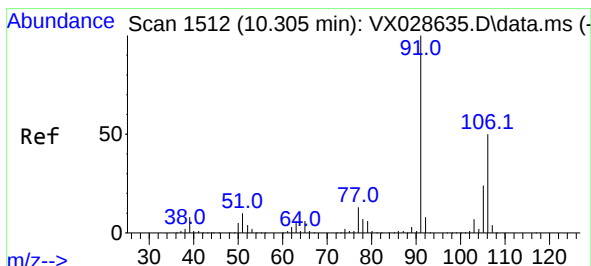
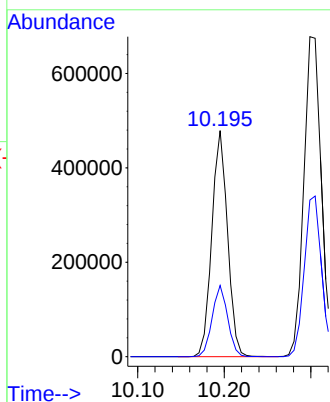
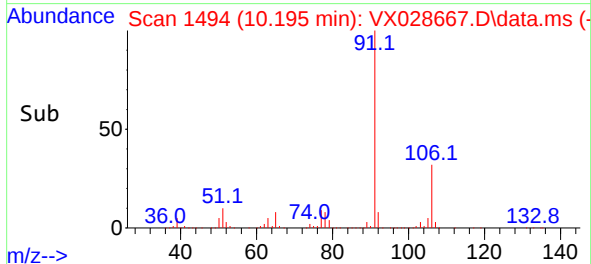
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



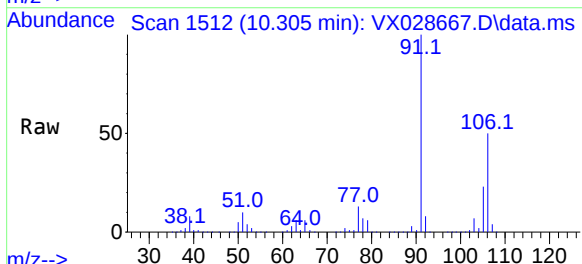
Tgt Ion: 91 Resp: 603649
Ion Ratio Lower Upper
91 100
106 31.5 24.6 36.8

Manual Integrations
APPROVED

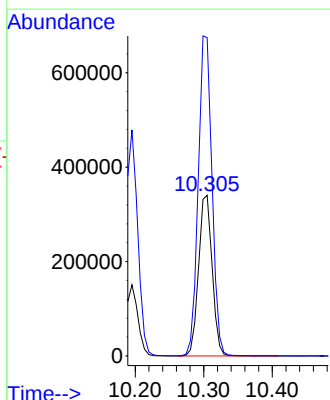
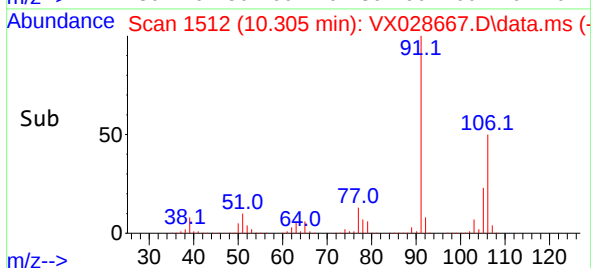
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

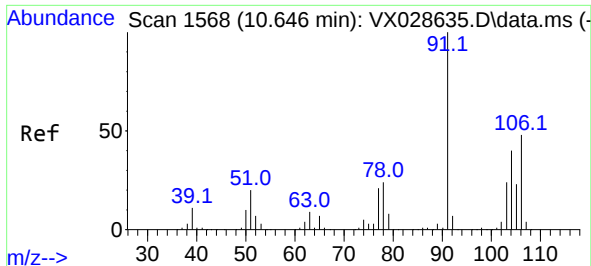


#68
m/p-Xylenes
Concen: 99.890 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:106 Resp: 470341
Ion Ratio Lower Upper
106 100
91 201.7 160.4 240.6





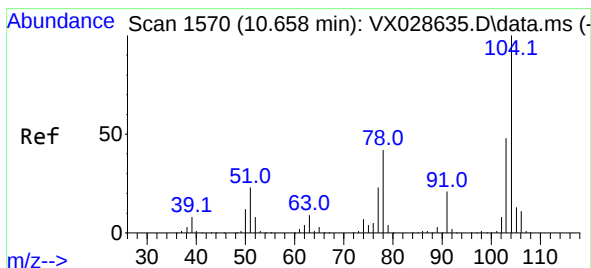
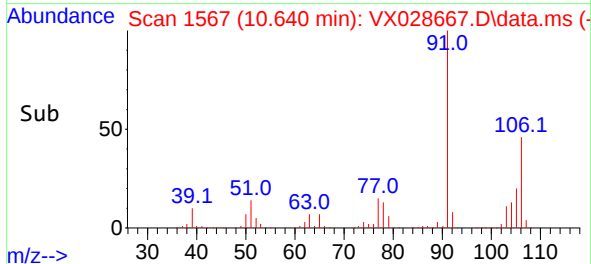
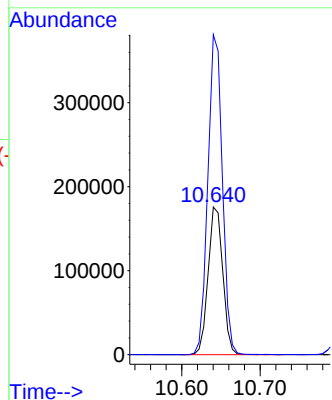
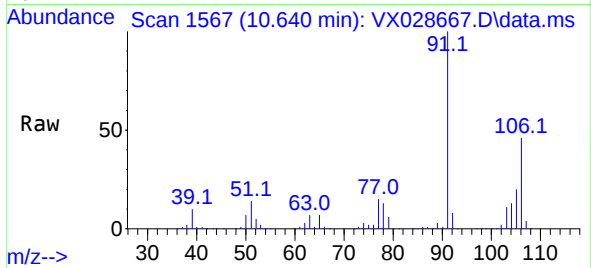
#69
o-Xylene
Concen: 49.221 ug/l
RT: 10.640 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:106 Resp: 22818
Ion Ratio Lower Upper
106 100
91 214.6 106.1 318.1

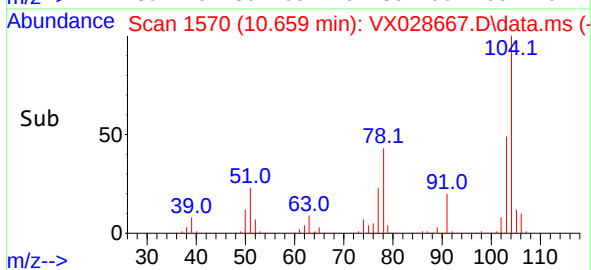
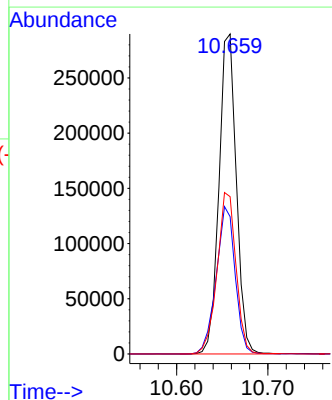
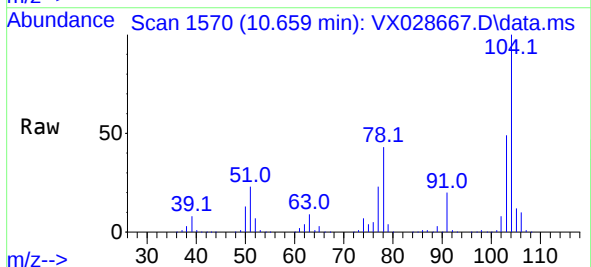
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#70
Styrene
Concen: 50.888 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

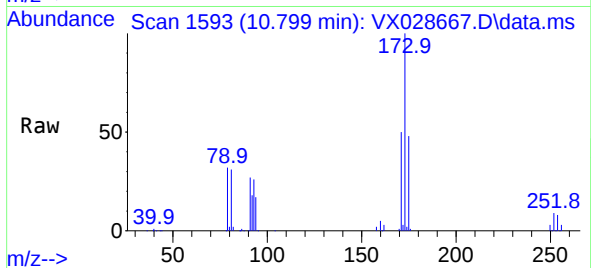
Tgt Ion:104 Resp: 383103
Ion Ratio Lower Upper
104 100
78 50.3 38.6 57.8
103 54.9 43.8 65.8





#71
Bromoform
Concen: 45.268 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

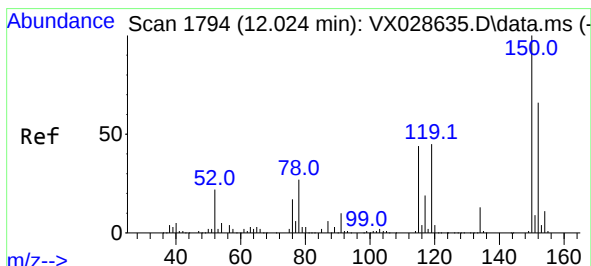
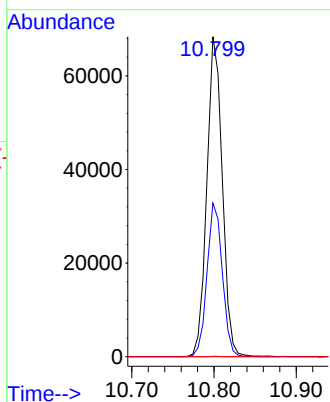
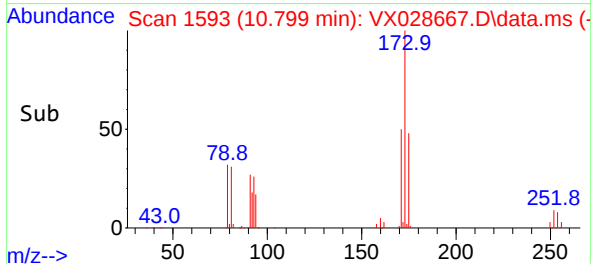
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



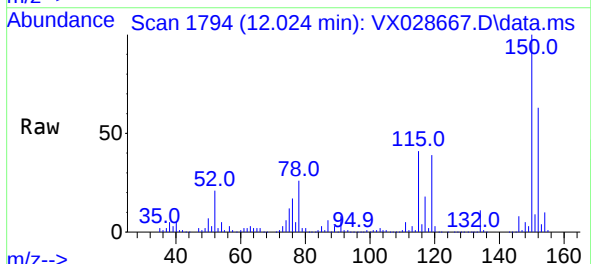
Tgt Ion:173 Resp: 89304
Ion Ratio Lower Upper
173 100
175 47.5 24.1 72.2
254 0.1 0.1 0.1

Manual Integrations
APPROVED

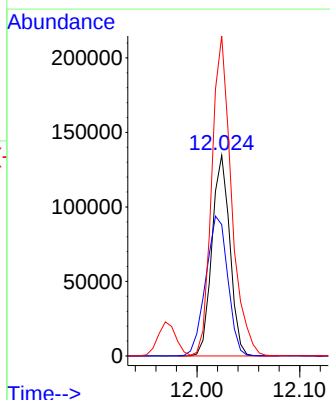
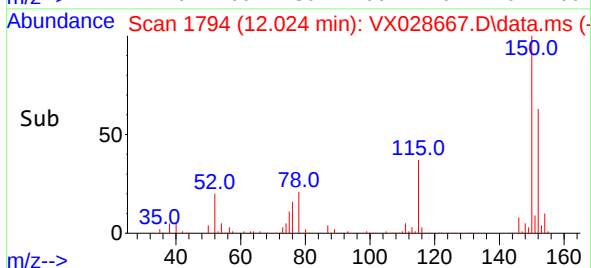
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

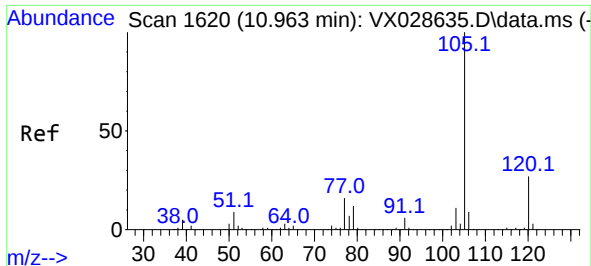


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



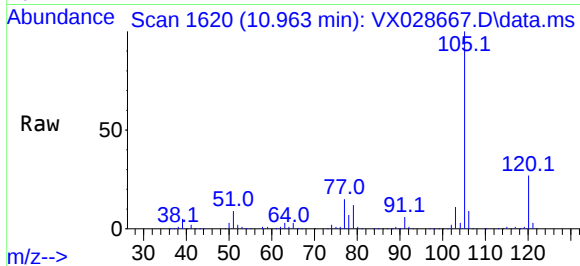
Tgt Ion:152 Resp: 162841
Ion Ratio Lower Upper
152 100
115 86.1 37.5 112.7
150 176.1 0.0 338.2





#73
Isopropylbenzene
Concen: 48.476 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

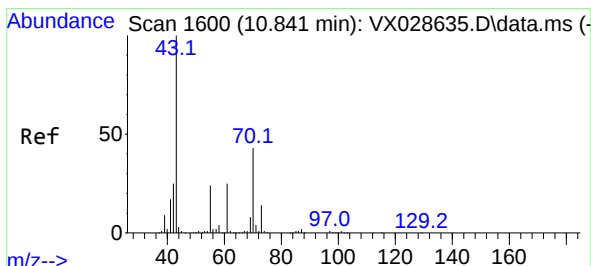
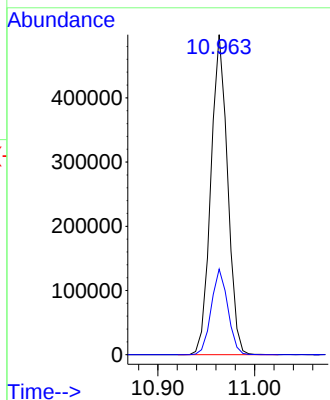
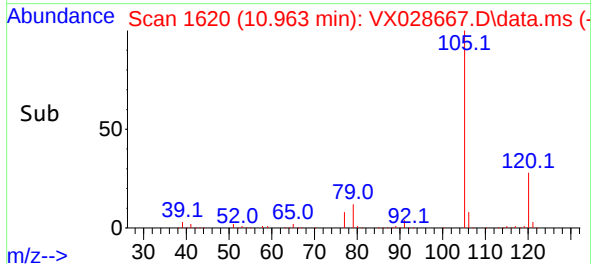
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



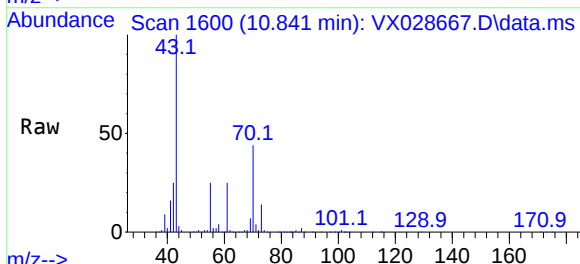
Tgt Ion:105 Resp: 598628
Ion Ratio Lower Upper
105 100
120 26.4 13.5 40.5

Manual Integrations
APPROVED

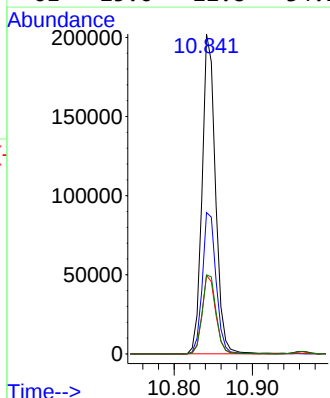
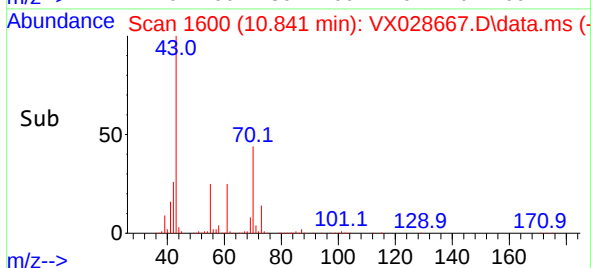
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

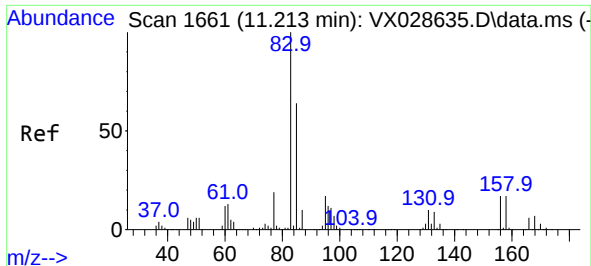


#74
N-ethyl acetate
Concen: 49.253 ug/l
RT: 10.841 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



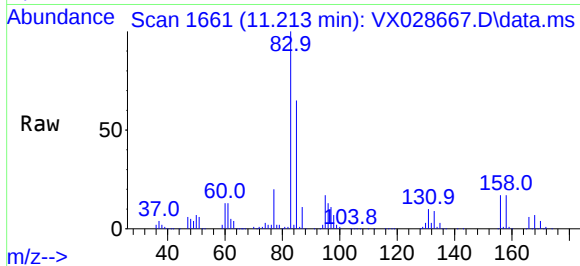
Tgt Ion: 43 Resp: 239091
Ion Ratio Lower Upper
43 100
70 45.5 42.5 63.7
55 25.1 23.1 34.7
61 25.6 22.8 34.2





#75
1,1,2,2-Tetrachloroethane
Concen: 46.836 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

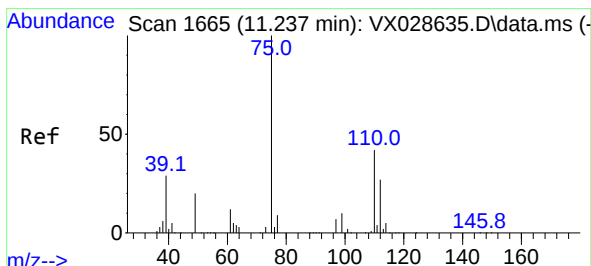
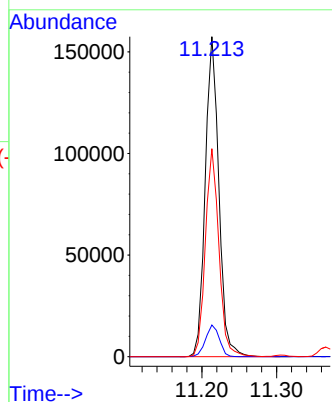
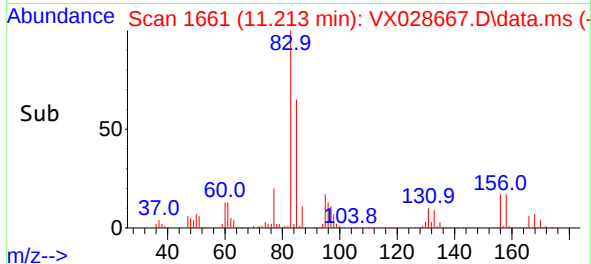
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



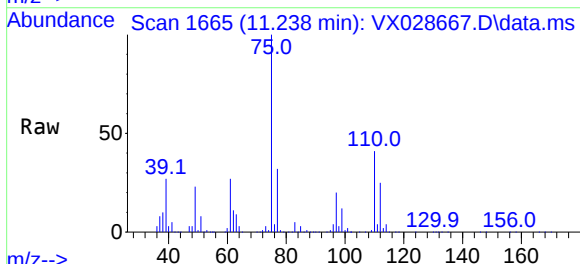
Tgt Ion: 83 Resp: 198419
Ion Ratio Lower Upper
83 100
131 10.0 5.1 15.3
85 64.8 32.6 97.7

Manual Integrations
APPROVED

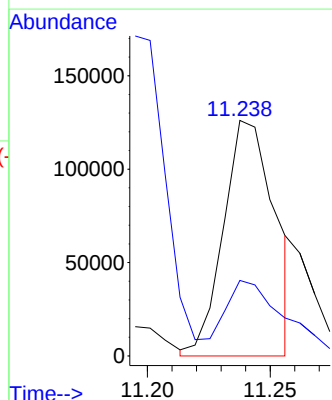
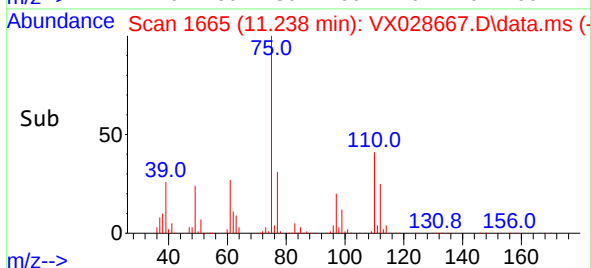
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

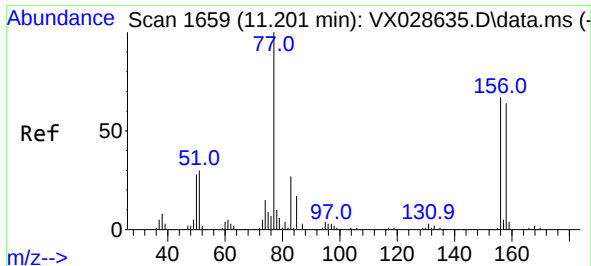


#76
1,2,3-Trichloropropane
Concen: 48.168 ug/l m
RT: 11.238 min Scan# 1665
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



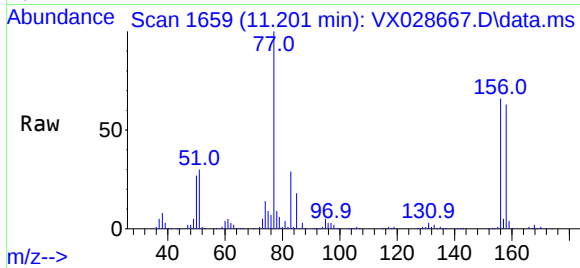
Tgt Ion: 75 Resp: 183692
Ion Ratio Lower Upper
75 100
77 38.4 19.4 58.2





#77
Bromobenzene
Concen: 48.326 ug/l
RT: 11.201 min Scan# 1659
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

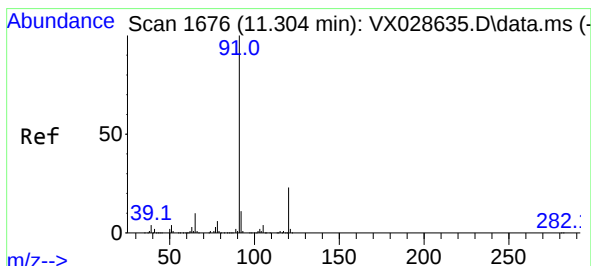
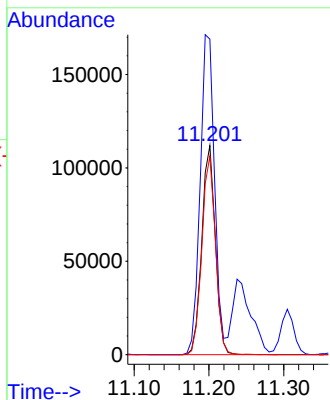
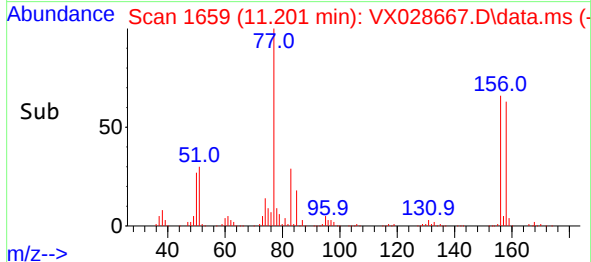
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



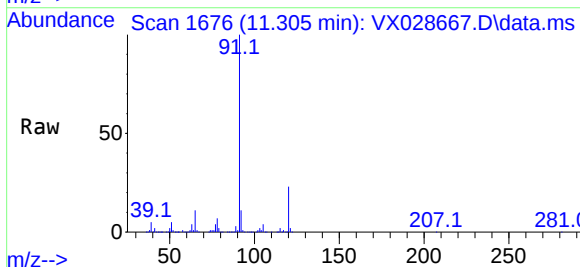
Tgt Ion:156 Resp: 141204
Ion Ratio Lower Upper
156 100
77 161.3 78.5 235.3
158 95.4 50.2 150.7

Manual Integrations
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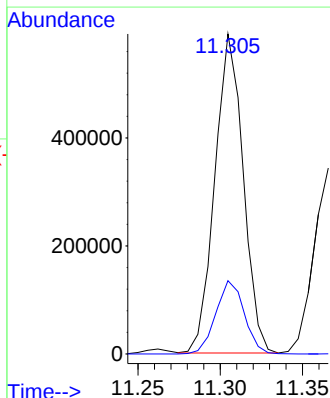
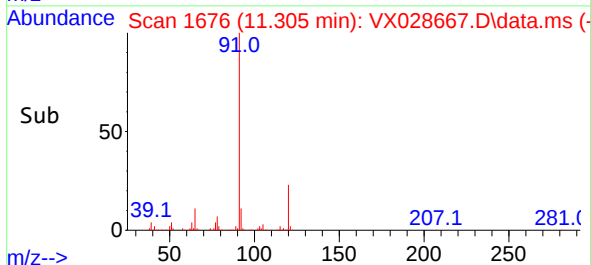
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

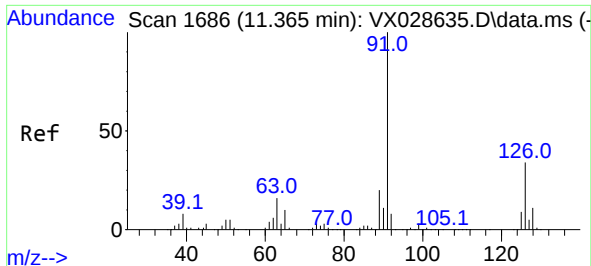


#78
n-propylbenzene
Concen: 49.465 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion: 91 Resp: 706574
Ion Ratio Lower Upper
91 100
120 23.1 11.6 34.8





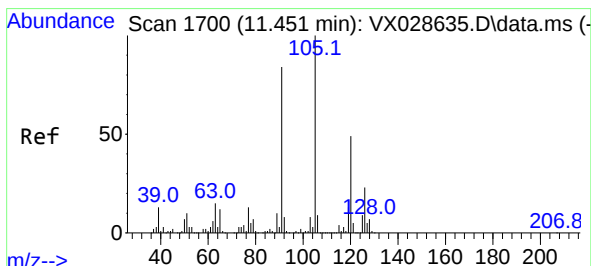
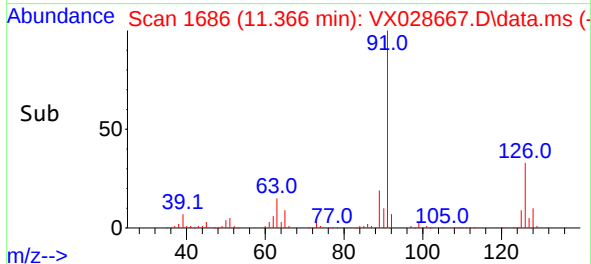
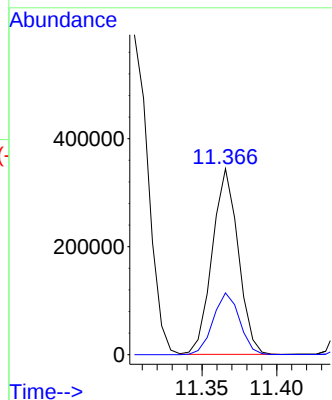
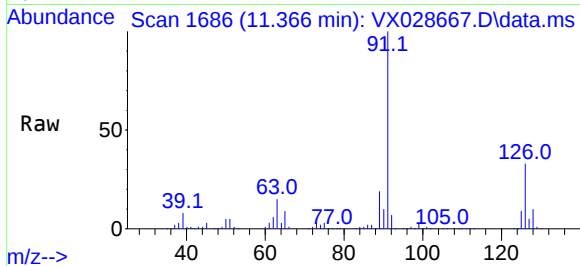
#79
2-Chlorotoluene
Concen: 47.486 ug/l
RT: 11.366 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 91 Resp: 415739
Ion Ratio Lower Upper
91 100
126 33.9 17.3 51.9

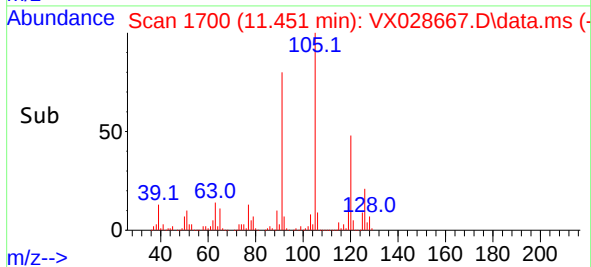
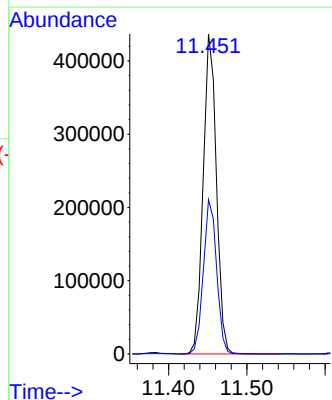
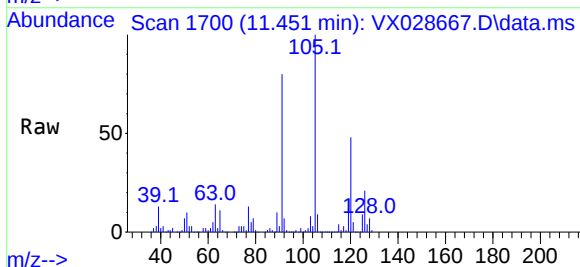
Manual Integrations
APPROVED

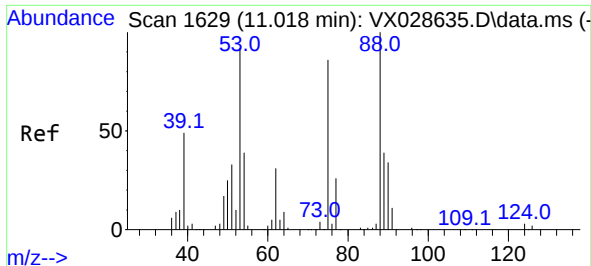
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#80
1,3,5-Trimethylbenzene
Concen: 49.645 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Tgt Ion:105 Resp: 510840
Ion Ratio Lower Upper
105 100
120 48.5 24.3 72.9





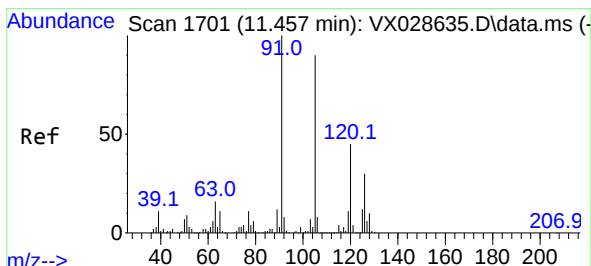
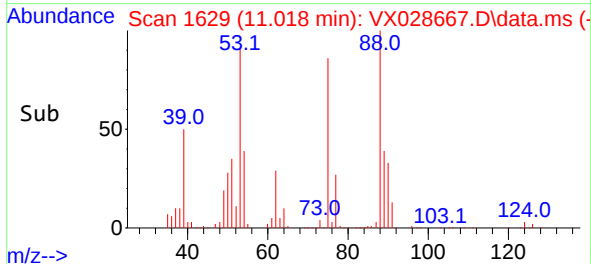
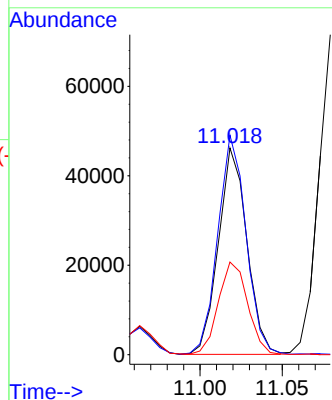
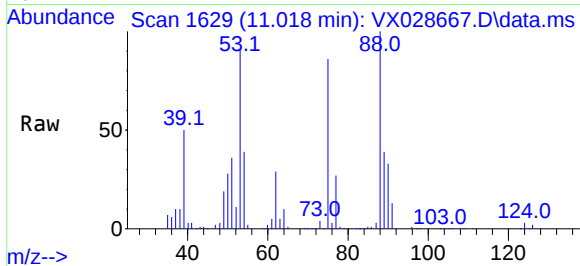
#81
trans-1,4-Dichloro-2-butene
Concen: 43.959 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 75 Resp: 5554
Ion Ratio Lower Upper
75 100
53 105.2 69.0 103.4
89 46.5 37.0 55.6

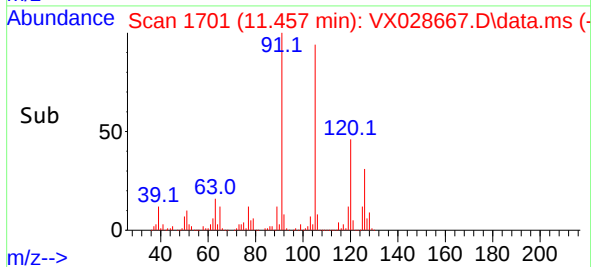
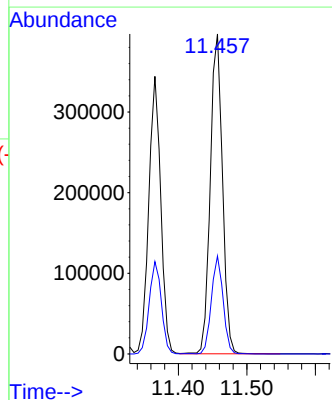
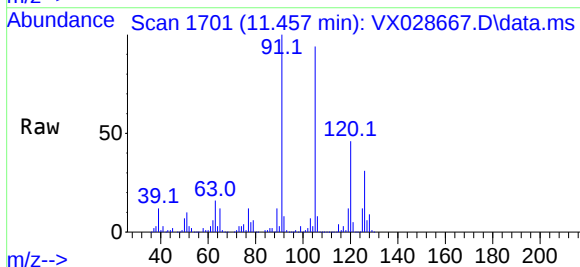
Manual Integrations
APPROVED

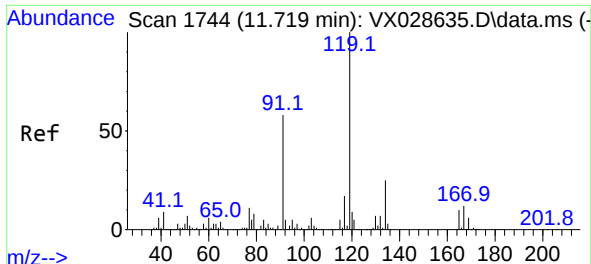
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#82
4-Chlorotoluene
Concen: 48.387 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Tgt Ion: 91 Resp: 489743
Ion Ratio Lower Upper
91 100
126 29.6 14.9 44.5





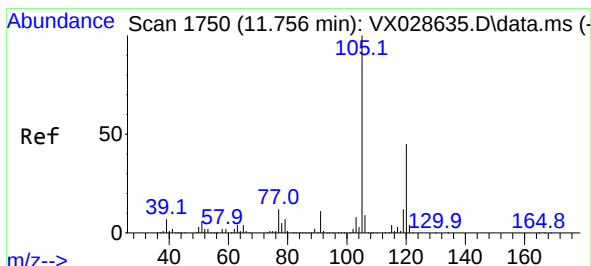
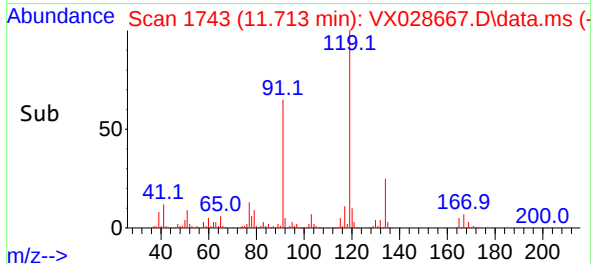
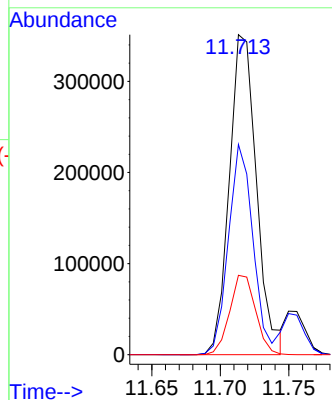
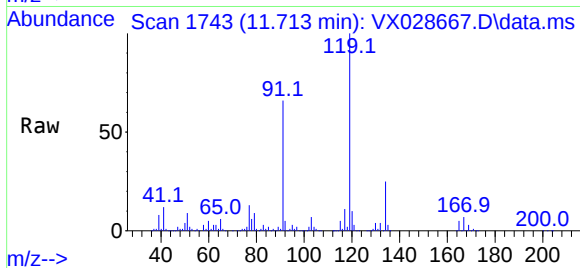
#83
tert-Butylbenzene
Concen: 48.746 ug/l
RT: 11.713 min Scan# 1174
Delta R.T. -0.006 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion:119 Resp: 485638
Ion Ratio Lower Upper
119 100
91 59.0 26.9 80.6
134 23.7 11.4 34.2

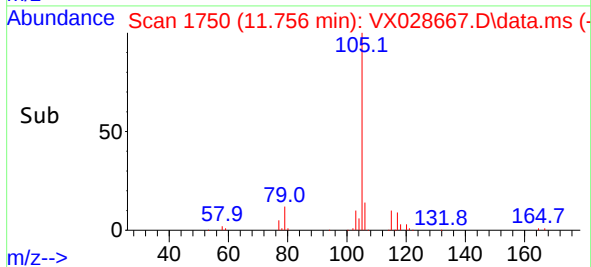
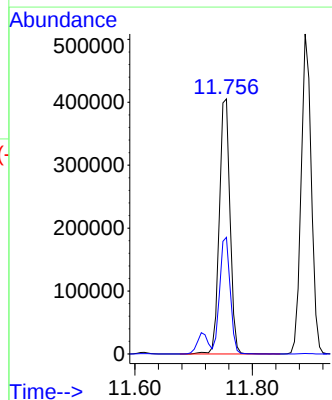
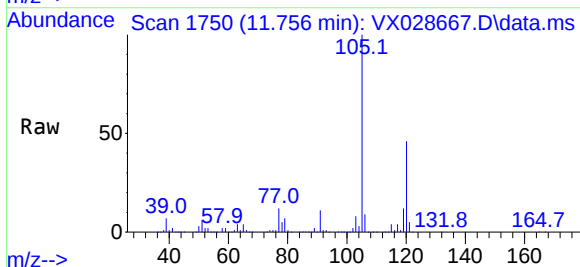
Manual Integrations
APPROVED

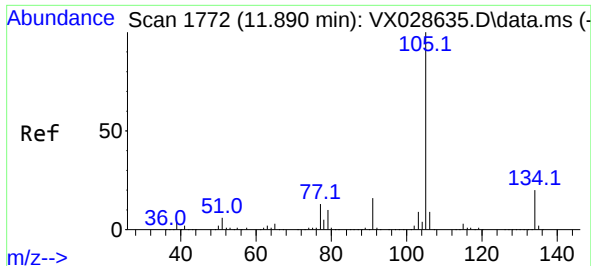
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#84
1,2,4-Trimethylbenzene
Concen: 49.471 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Tgt Ion:105 Resp: 510466
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 49.843 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028667.D
 Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

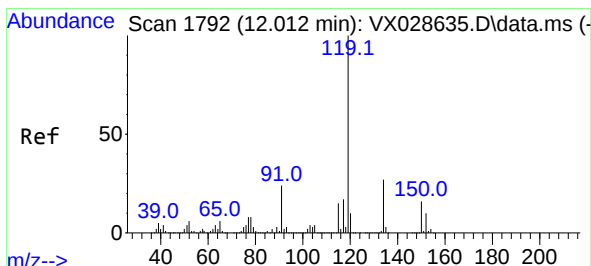
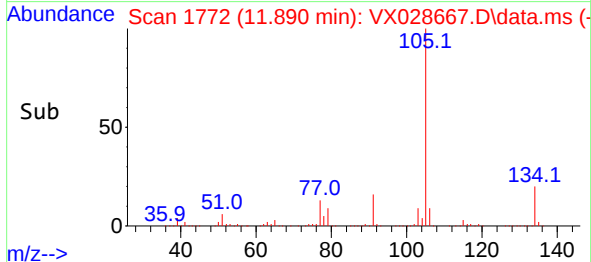
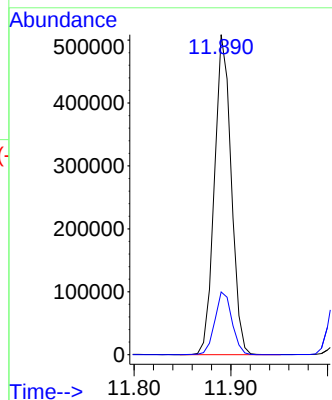
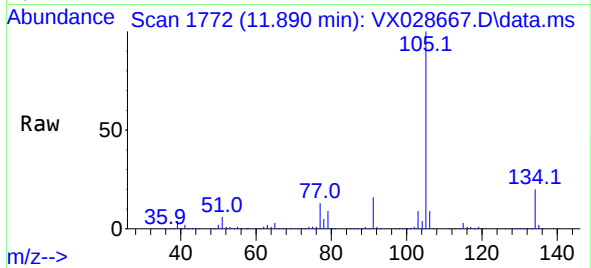
ClientSampleId :

VSTDCCC050

Tgt Ion:105 Resp: 61252
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.2 30.4

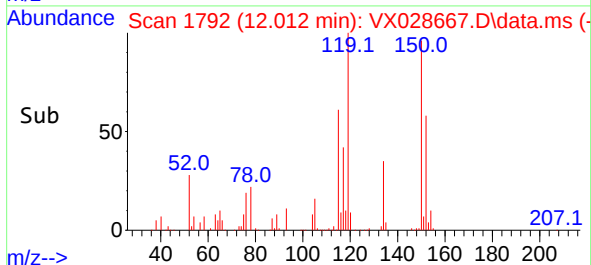
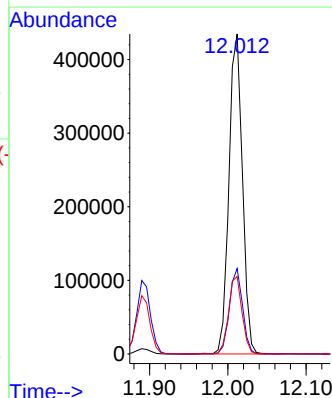
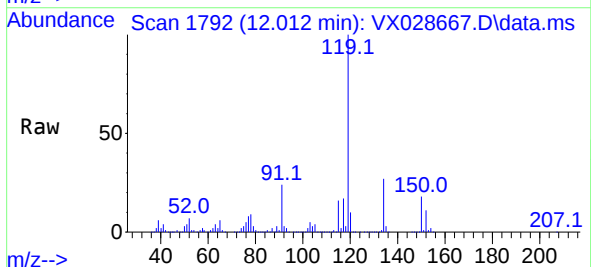
Manual Integrations
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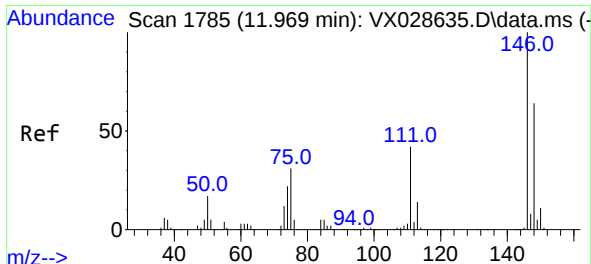
Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#86
 p-Isopropyltoluene
 Concen: 50.433 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028667.D
 Acq: 13 May 2022 10:49

Tgt Ion:119 Resp: 520072
 Ion Ratio Lower Upper
 119 100
 134 26.0 13.0 39.0
 91 24.3 11.3 33.9





#87

1,3-Dichlorobenzene

Concen: 48.182 ug/l

RT: 11.969 min Scan# 1785

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion:146 Resp: 276138

Ion Ratio Lower Upper

146 100

111 41.3 19.7 59.1

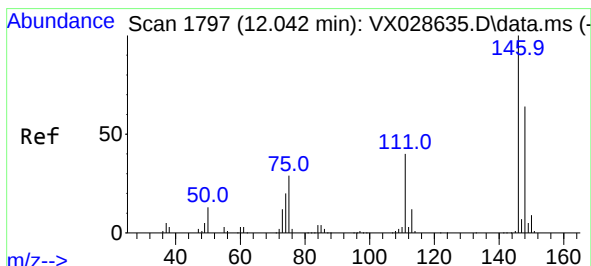
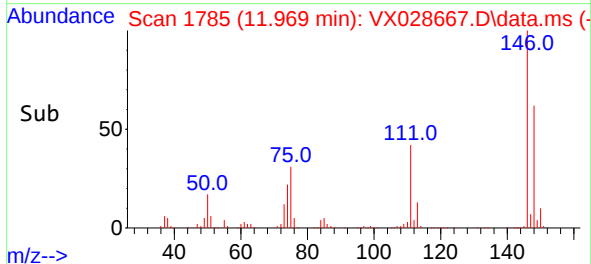
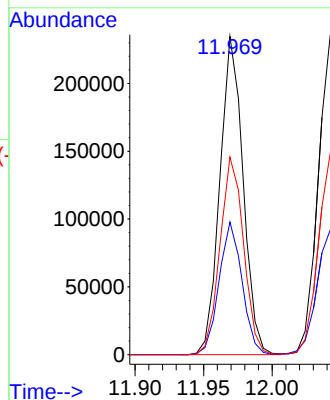
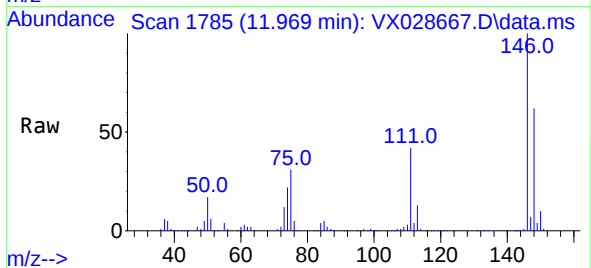
148 63.3 31.6 94.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#88

1,4-Dichlorobenzene

Concen: 47.473 ug/l

RT: 12.042 min Scan# 1797

Delta R.T. 0.000 min

Lab File: VX028667.D

Acq: 13 May 2022 10:49

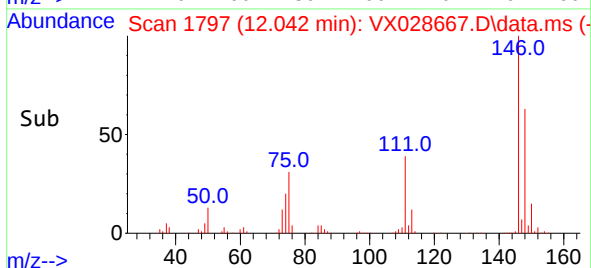
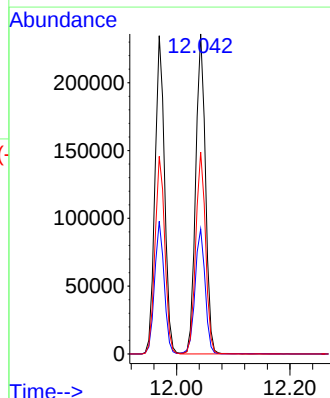
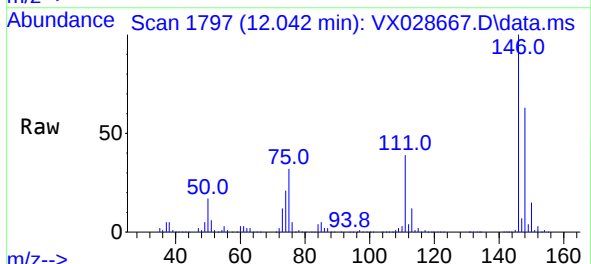
Tgt Ion:146 Resp: 282208

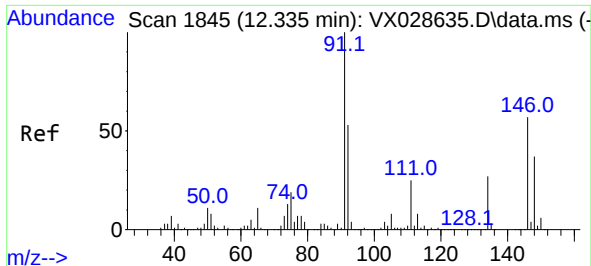
Ion Ratio Lower Upper

146 100

111 40.1 19.2 57.6

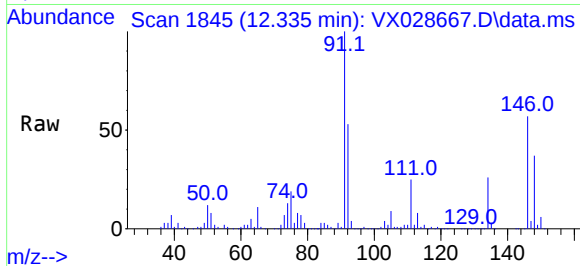
148 63.3 32.3 96.9





#89
n-Butylbenzene
Concen: 51.622 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

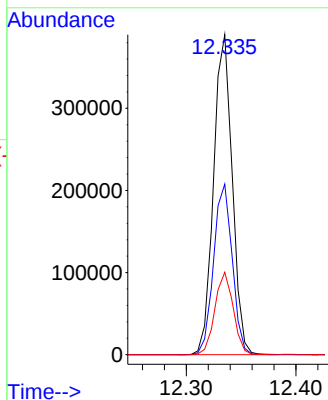
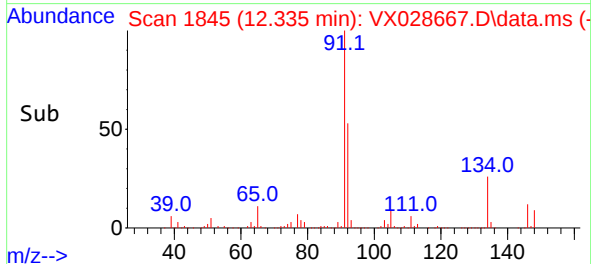
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



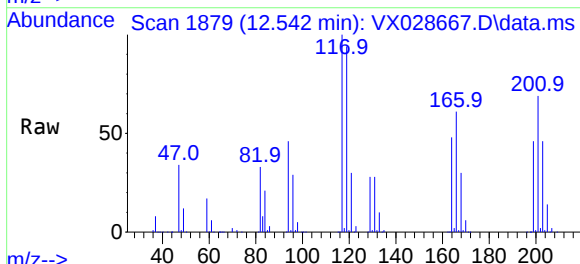
Tgt Ion: 91 Resp: 46123
Ion Ratio Lower Upper
91 100
92 53.4 27.8 83.3
134 25.3 13.3 39.8

Manual Integrations
APPROVED

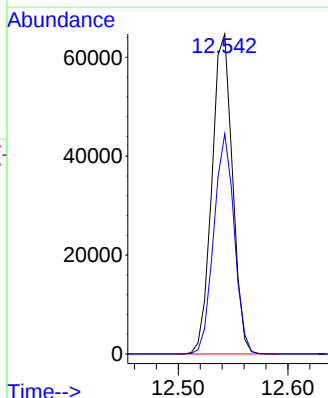
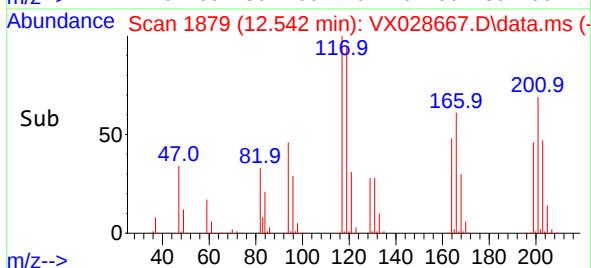
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

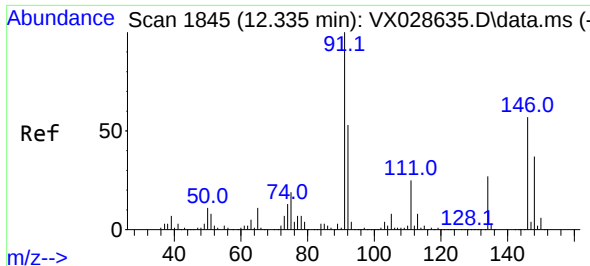


#90
Hexachloroethane
Concen: 50.646 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:117 Resp: 84457
Ion Ratio Lower Upper
117 100
201 68.3 39.5 118.5





#91
1,2-Dichlorobenzene
Concen: 48.639 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

Instrument :

MSVOA_X

ClientSampleId :

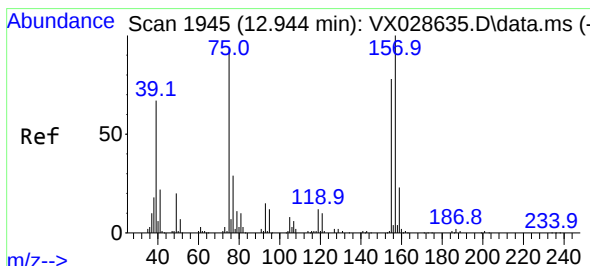
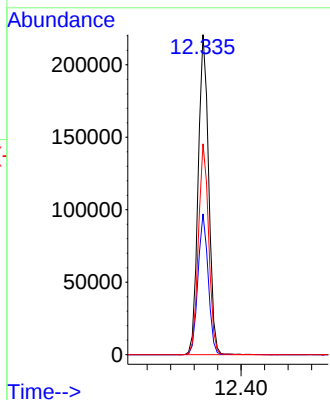
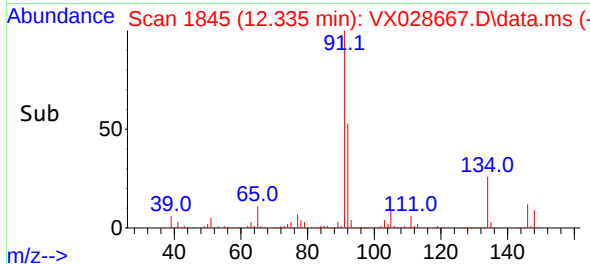
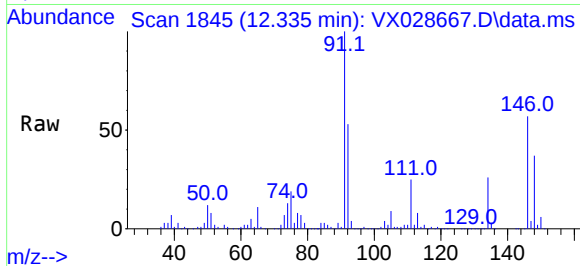
VSTDCCC050

Tgt Ion:146 Resp: 273840
Ion Ratio Lower Upper
146 100
111 42.7 21.0 63.0
148 64.8 32.6 97.7

Manual Integrations

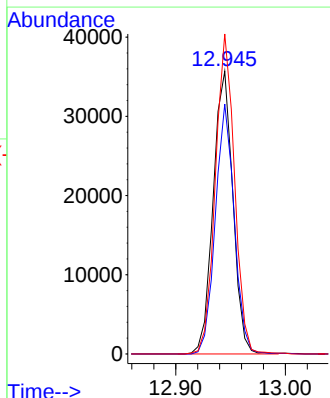
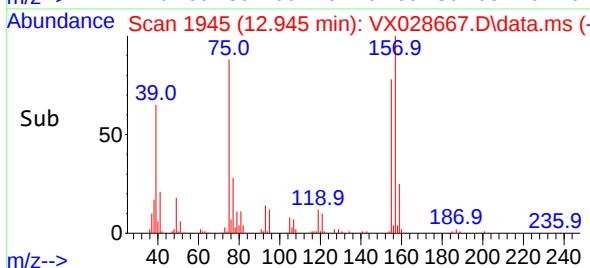
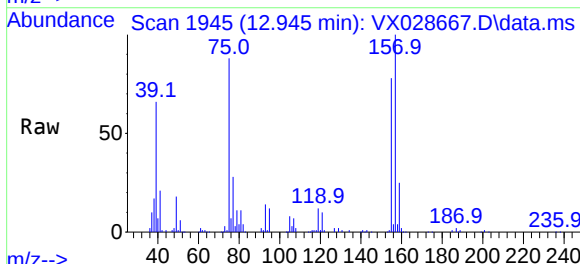
APPROVED

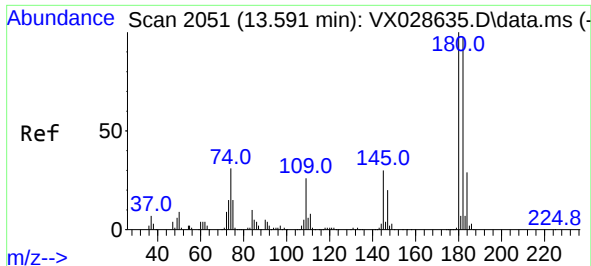
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#92
1,2-Dibromo-3-Chloropropane
Concen: 49.342 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. 0.001 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

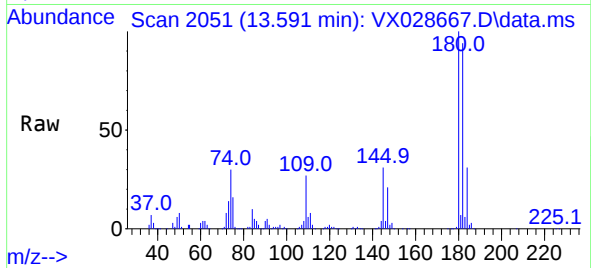
Tgt Ion: 75 Resp: 44635
Ion Ratio Lower Upper
75 100
155 85.0 47.0 141.2
157 110.1 57.9 173.6





#93
1,2,4-Trichlorobenzene
Concen: 51.285 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

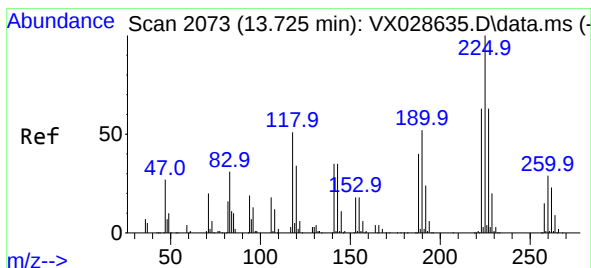
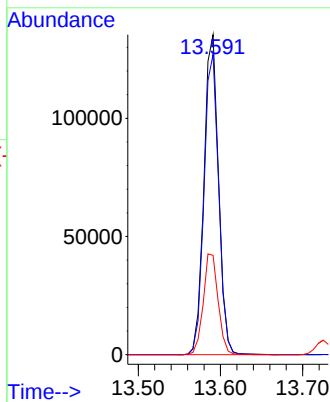
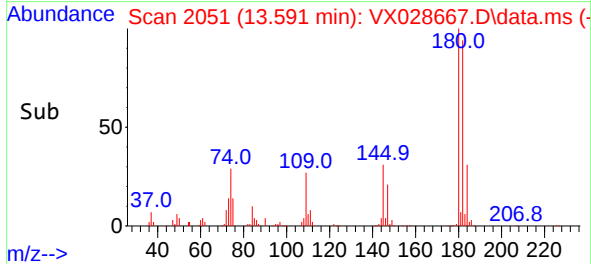
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



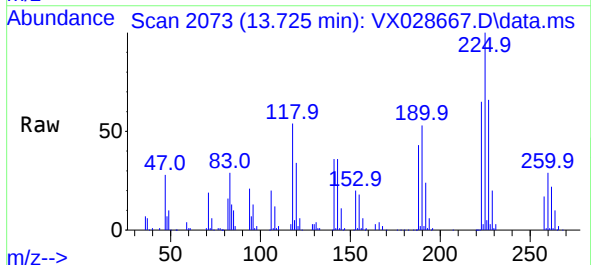
Tgt Ion:180 Resp: 16676
Ion Ratio Lower Upper
180 100
182 94.2 47.7 143.1
145 32.1 15.2 45.5

Manual Integrations
APPROVED

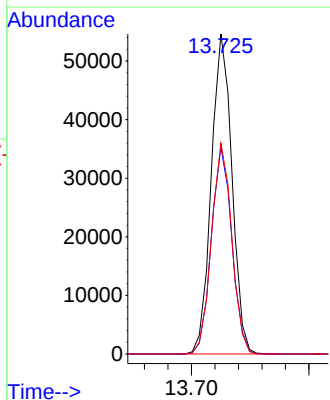
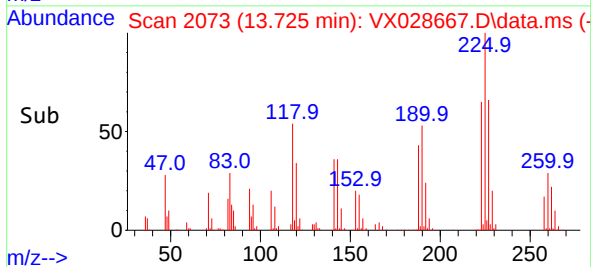
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

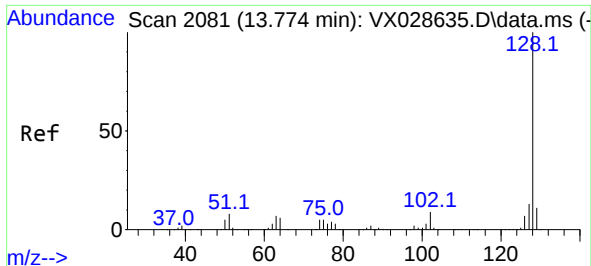


#94
Hexachlorobutadiene
Concen: 50.459 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. 0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



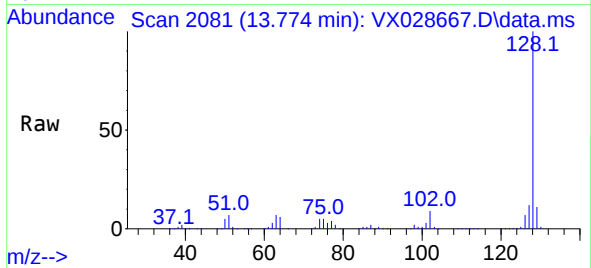
Tgt Ion:225 Resp: 66658
Ion Ratio Lower Upper
225 100
223 64.0 34.2 102.5
227 64.6 33.9 101.7





#95
Naphthalene
Concen: 52.615 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49

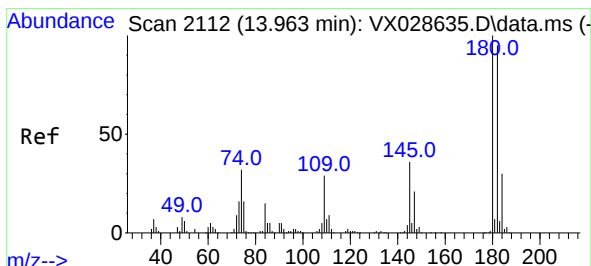
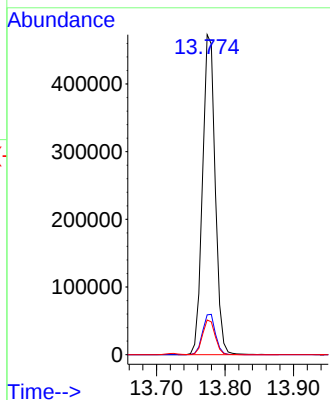
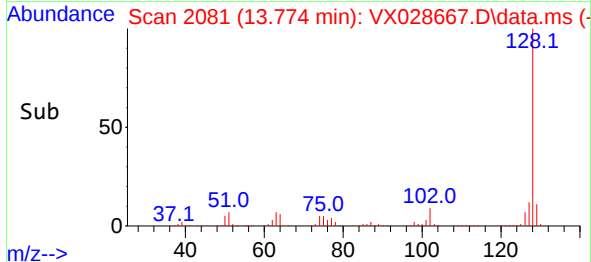
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



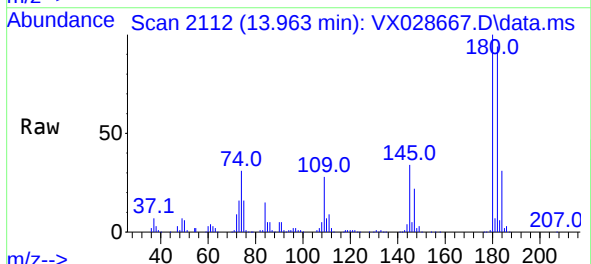
Tgt Ion:128 Resp: 608830
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.4
129 10.8 8.7 13.1

Manual Integrations
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Supervised By :Mahesh Dadoda 05/16/2022



#96
1,2,3-Trichlorobenzene
Concen: 50.755 ug/l
RT: 13.963 min Scan# 2112
Delta R.T. -0.000 min
Lab File: VX028667.D
Acq: 13 May 2022 10:49



Tgt Ion:180 Resp: 165764
Ion Ratio Lower Upper
180 100
182 96.0 50.0 149.8
145 33.9 16.2 48.5

