

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028630.D
 Acq On : 11 May 2022 19:19
 Operator : JC/MD
 Sample : VSTDICV050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV050

Quant Time: May 12 06:08:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 06:06:48 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/12/2022
 Supervised By : Mahesh Dadoda 05/13/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	346078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	542532	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	505469	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	273098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	181402	47.502	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	95.000%		
35) Dibromofluoromethane	5.391	113	165931	48.611	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	97.220%		
50) Toluene-d8	8.653	98	620777	48.988	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.980%		
62) 4-Bromofluorobenzene	11.085	95	228020	48.816	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.640%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.166	85	100990	51.440	ug/l	99
3) Chloromethane	1.288	50	82259	52.408	ug/l	100
4) Vinyl Chloride	1.374	62	104827	51.197	ug/l	100
5) Bromomethane	1.599	94	88460	56.163	ug/l	97
6) Chloroethane	1.679	64	81731	51.784	ug/l	96
7) Trichlorofluoromethane	1.886	101	224440	51.481	ug/l	95
8) Diethyl Ether	2.130	74	93196	48.036	ug/l	95
9) 1,1,2-Trichlorotrifluo...	2.325	101	131004	51.721	ug/l	98
10) Methyl Iodide	2.453	142	133358	44.127	ug/l	99
11) Tert butyl alcohol	2.971	59	203349	267.761	ug/l	100
12) 1,1-Dichloroethene	2.319	96	109153	51.712	ug/l	98
13) Acrolein	2.233	56	159308	245.432	ug/l	99
14) Allyl chloride	2.660	41	164255	47.372	ug/l	99
15) Acrylonitrile	3.062	53	425949	260.211	ug/l	99
16) Acetone	2.380	43	346401	244.813	ug/l	98
17) Carbon Disulfide	2.508	76	132262	49.236	ug/l	98
18) Methyl Acetate	2.703	43	190584	49.846	ug/l	99
19) Methyl tert-butyl Ether	3.111	73	480892	50.807	ug/l	99
20) Methylene Chloride	2.788	84	140937	52.284	ug/l	98
21) trans-1,2-Dichloroethene	3.093	96	121334	51.384	ug/l	99
22) Diisopropyl ether	3.764	45	418239	50.449	ug/l	98
23) Vinyl Acetate	3.721	43	1758759	258.540	ug/l	99
24) 1,1-Dichloroethane	3.611	63	245434	48.635	ug/l	99
25) 2-Butanone	4.556	43	572303	256.236	ug/l	100
26) 2,2-Dichloropropane	4.477	77	195427	49.871	ug/l	100
27) cis-1,2-Dichloroethene	4.489	96	171801	48.763	ug/l	99
28) Bromochloromethane	4.904	49	113248	49.276	ug/l	99
29) Tetrahydrofuran	5.007	42	352517	251.027	ug/l	99
30) Chloroform	5.099	83	288451	49.177	ug/l	99
31) Cyclohexane	5.477	56	152567	50.425	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	244282	49.460	ug/l	99
36) 1,1-Dichloropropene	5.696	75	173141	46.381	ug/l	99
37) Ethyl Acetate	4.715	43	211904	50.812	ug/l	99
38) Carbon Tetrachloride	5.678	117	209681	49.292	ug/l	96
39) Methylcyclohexane	7.385	83	176514	50.485	ug/l	98
40) Benzene	6.044	78	561182	48.338	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.922	41	110799	51.064	ug/l	99
42) 1,2-Dichloroethane	6.092	62	208145	48.907	ug/l	100
43) Isopropyl Acetate	6.342	43	336347	51.914	ug/l	99
44) Trichloroethene	7.129	130	169491	48.803	ug/l	97
45) 1,2-Dichloropropane	7.434	63	150468	50.252	ug/l	99
46) Dibromomethane	7.586	93	115095	50.103	ug/l	99
47) Bromodichloromethane	7.824	83	222678	51.815	ug/l	100
48) Methyl methacrylate	7.696	41	159522	52.110	ug/l	99
49) 1,4-Dioxane	7.659	88	97344	1062.615	ug/l	99
51) 4-Methyl-2-Pentanone	8.574	43	1161468	264.810	ug/l	100
52) Toluene	8.720	92	384841	48.756	ug/l	99
53) t-1,3-Dichloropropene	8.982	75	230177	49.113	ug/l	98
54) cis-1,3-Dichloropropene	8.366	75	246100	53.374	ug/l	98
55) 1,1,2-Trichloroethane	9.153	97	182448	51.119	ug/l	99
56) Ethyl methacrylate	9.116	69	264067	54.426	ug/l	99
57) 1,3-Dichloropropane	9.311	76	280424	50.948	ug/l	99
58) 2-Chloroethyl Vinyl ether	8.244	63	663522	259.173	ug/l	100
59) 2-Hexanone	9.433	43	922110	270.845	ug/l	99
60) Dibromochloromethane	9.525	129	190216	54.210	ug/l	99
61) 1,2-Dibromoethane	9.610	107	185928	51.376	ug/l	100
64) Tetrachloroethene	9.275	164	159009	47.287	ug/l	98
65) Chlorobenzene	10.079	112	464967	49.799	ug/l	100
66) 1,1,1,2-Tetrachloroethane	10.165	131	182743	53.891	ug/l	99
67) Ethyl Benzene	10.195	91	781897	50.989	ug/l	100
68) m/p-Xylenes	10.305	106	626343	101.815	ug/l	100
69) o-Xylene	10.646	106	316604	51.422	ug/l	100
70) Styrene	10.659	104	546478	53.873	ug/l	100
71) Bromoform	10.799	173	148740	48.209	ug/l	100
73) Isopropylbenzene	10.963	105	834123	50.440	ug/l	100
74) N-amyl acetate	10.848	43	313812	55.512	ug/l	99
75) 1,1,2,2-Tetrachloroethane	11.213	83	294884	49.967	ug/l	99
76) 1,2,3-Trichloropropane	11.244	75	261907m	51.782	ug/l	
77) Bromobenzene	11.201	156	223574	50.890	ug/l	99
78) n-propylbenzene	11.305	91	939585	51.690	ug/l	99
79) 2-Chlorotoluene	11.366	91	572789	49.635	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	711178	51.815	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	79609	48.603	ug/l	99
82) 4-Chlorotoluene	11.457	91	671970	51.576	ug/l	100
83) tert-Butylbenzene	11.719	119	734414	52.791	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	716545	52.253	ug/l	100
85) sec-Butylbenzene	11.890	105	857248	52.244	ug/l	100
86) p-Isopropyltoluene	12.012	119	747842	52.914	ug/l	99
87) 1,3-Dichlorobenzene	11.969	146	430384	51.604	ug/l	99
88) 1,4-Dichlorobenzene	12.043	146	435175	51.098	ug/l	99
89) n-Butylbenzene	12.335	91	607316	52.802	ug/l	100
90) Hexachloroethane	12.542	117	121468	53.404	ug/l	99
91) 1,2-Dichlorobenzene	12.335	146	434488	51.341	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	12.945	75	62849	52.467	ug/l	97
93) 1,2,4-Trichlorobenzene	13.591	180	266115	52.958	ug/l	99
94) Hexachlorobutadiene	13.725	225	112678	51.771	ug/l	99
95) Naphthalene	13.774	128	920362	54.823	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	263381	51.620	ug/l	99

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ClientSampleId :
VSTDICV050

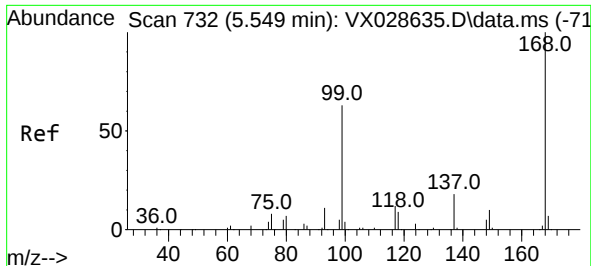
Manual Integrations
APPROVED

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QLast Update : Thu May 12 06:06:48 2022
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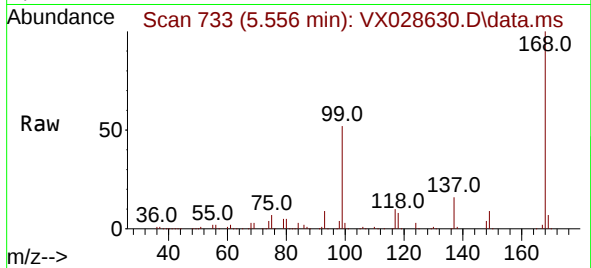
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
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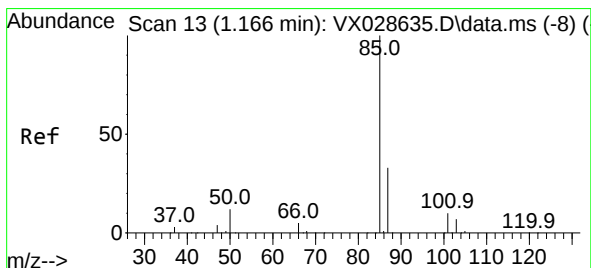
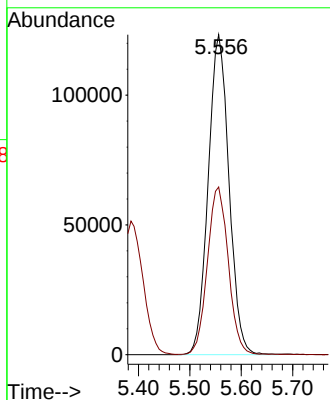
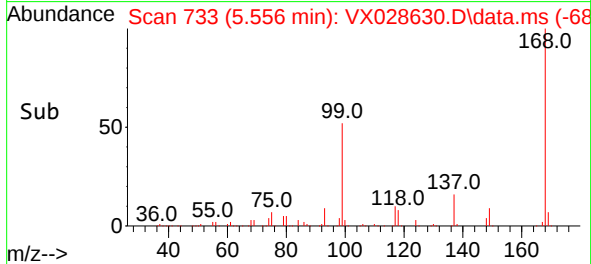
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion:168 Resp: 346078
Ion Ratio Lower Upper
168 100
99 52.3 42.8 64.2

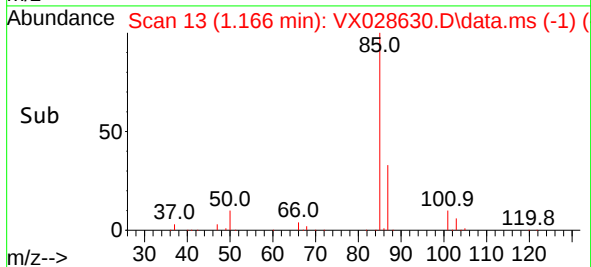
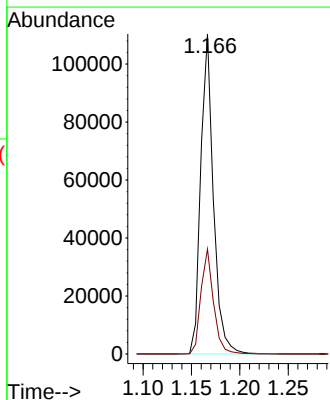
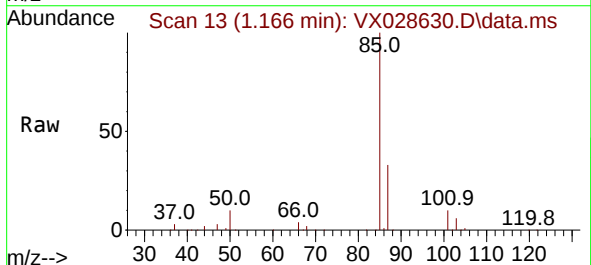
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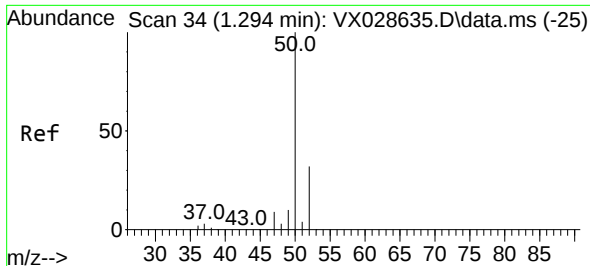
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#2
Dichlorodifluoromethane
Concen: 51.440 ug/l
RT: 1.166 min Scan# 13
Delta R.T. -0.001 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion: 85 Resp: 100990
Ion Ratio Lower Upper
85 100
87 32.8 16.3 48.8





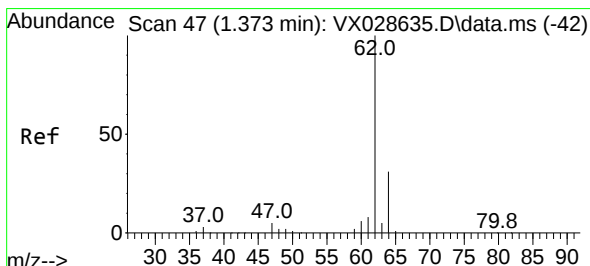
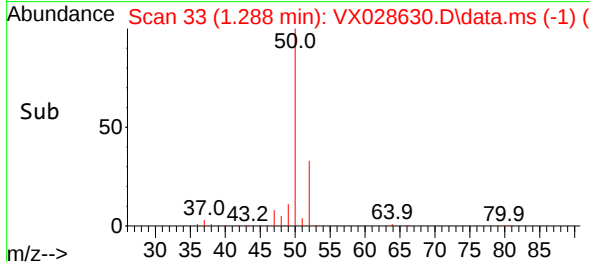
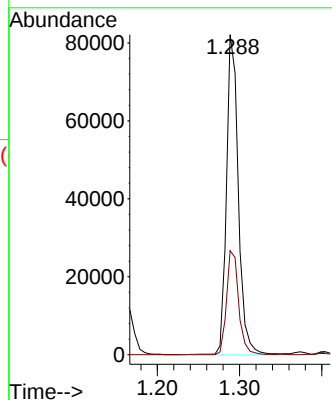
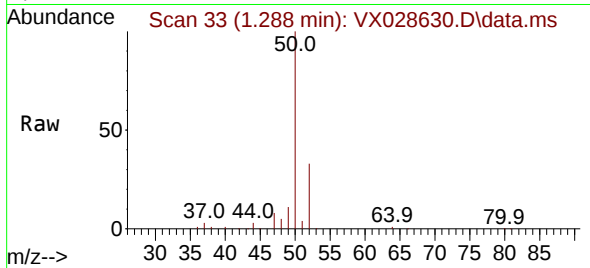
#3
Chloromethane
Concen: 52.408 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.001 min
Lab File: VX028630.D
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Instrument :
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Tgt Ion: 50 Resp: 8225
Ion Ratio Lower Upper
50 100
52 32.5 26.1 39.1

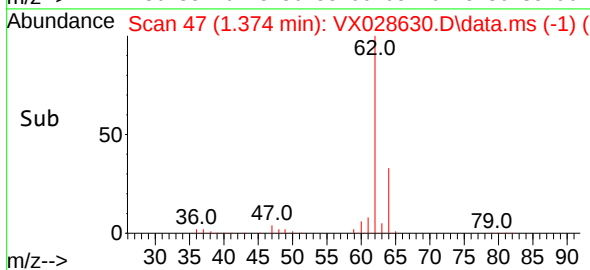
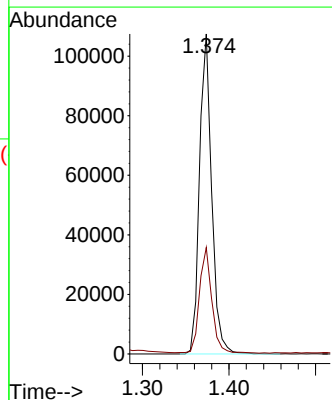
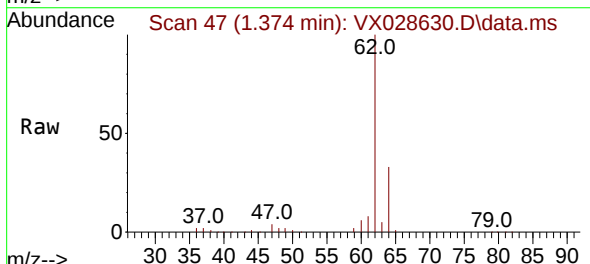
Manual Integrations
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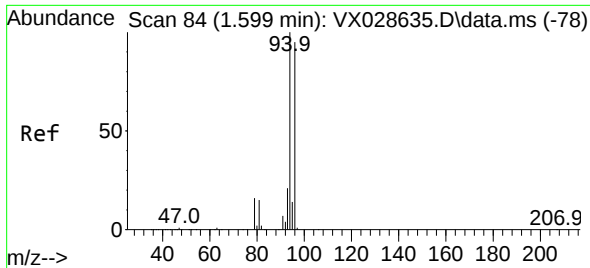
Reviewed By :John Carlone 05/12/2022
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#4
Vinyl Chloride
Concen: 51.197 ug/l
RT: 1.374 min Scan# 47
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

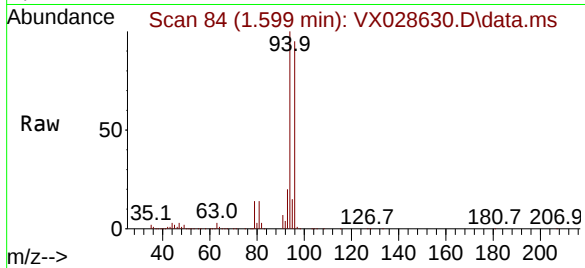
Tgt Ion: 62 Resp: 104827
Ion Ratio Lower Upper
62 100
64 32.9 26.2 39.2





#5
Bromomethane
Concen: 56.163 ug/l
RT: 1.599 min Scan# 84
Delta R.T. 0.000 min
Lab File: VX028630.D
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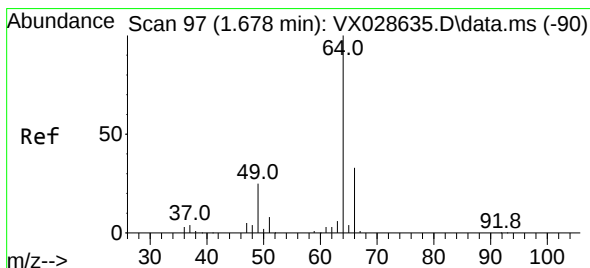
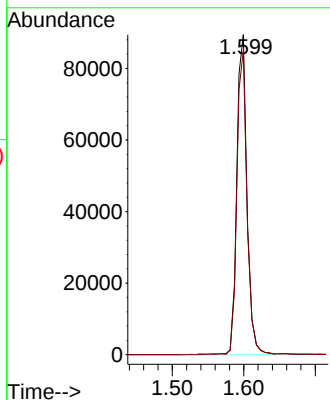
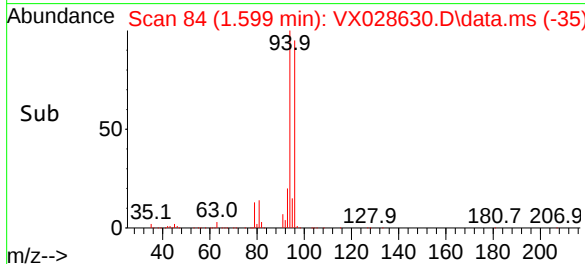
Instrument :
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Tgt Ion: 94 Resp: 88460
Ion Ratio Lower Upper
94 100
96 95.0 73.9 110.9

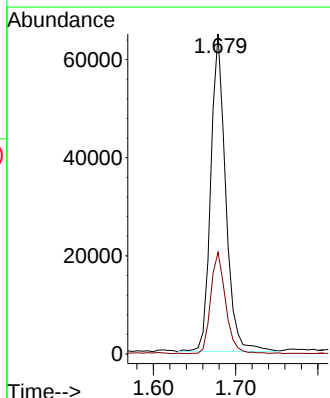
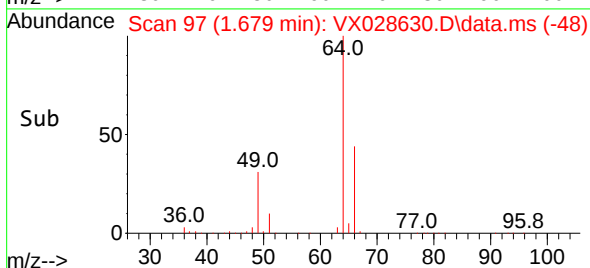
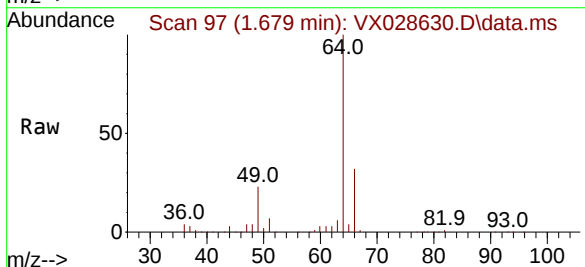
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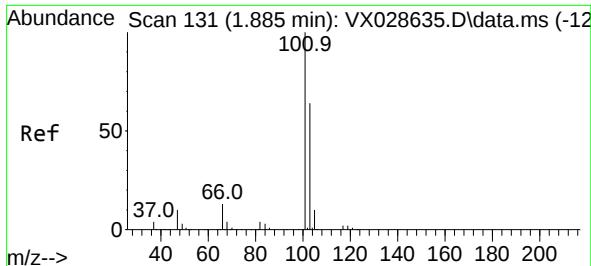
Reviewed By :John Carlone 05/12/2022
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#6
Chloroethane
Concen: 51.784 ug/l
RT: 1.679 min Scan# 97
Delta R.T. -0.000 min
Lab File: VX028630.D
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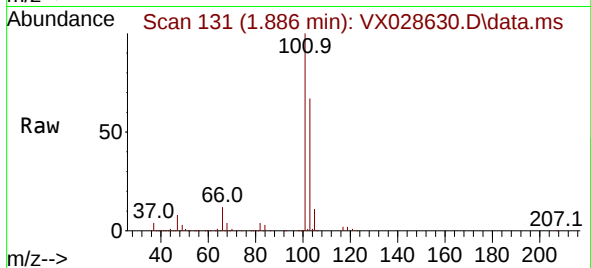
Tgt Ion: 64 Resp: 81731
Ion Ratio Lower Upper
64 100
66 31.8 27.4 41.2





#7
Trichlorofluoromethane
Concen: 51.481 ug/l
RT: 1.886 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

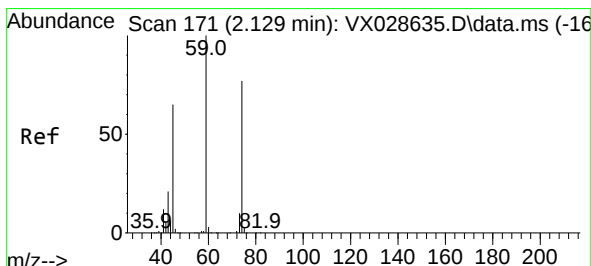
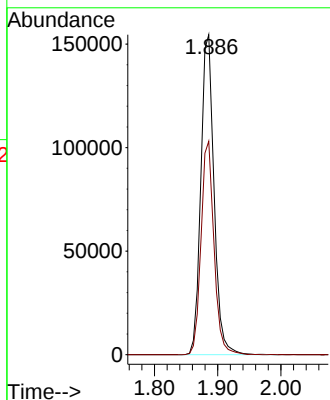
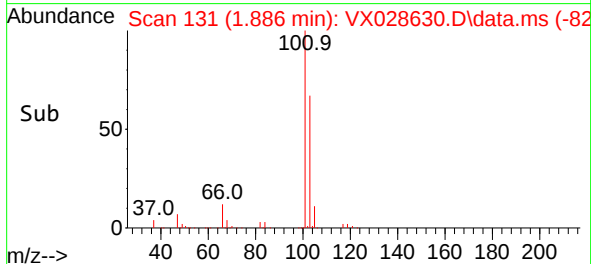
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



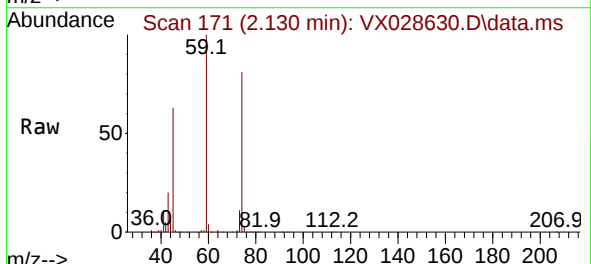
Tgt Ion:101 Resp: 224440
Ion Ratio Lower Upper
101 100
103 66.7 50.0 75.0

Manual Integrations
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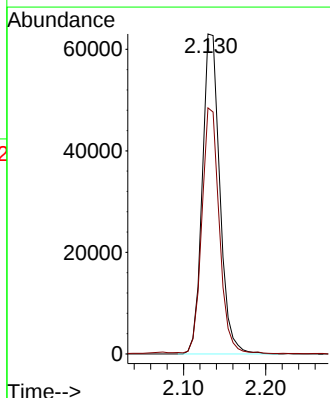
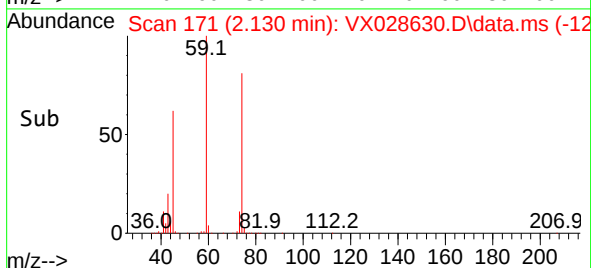
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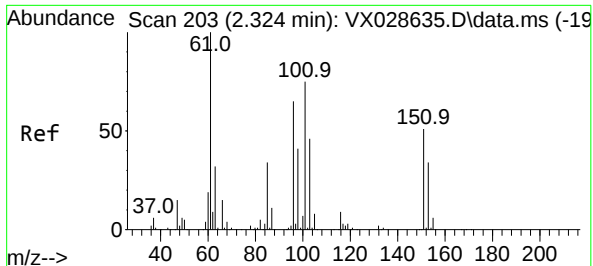


#8
Diethyl Ether
Concen: 48.036 ug/l
RT: 2.130 min Scan# 171
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion: 74 Resp: 93196
Ion Ratio Lower Upper
74 100
45 76.5 40.3 120.8





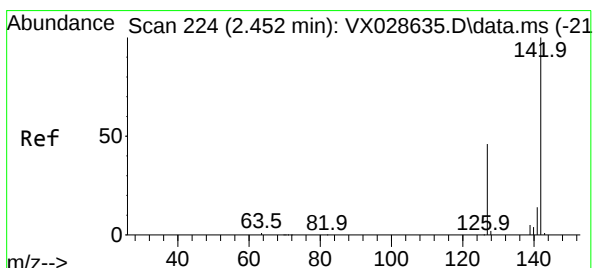
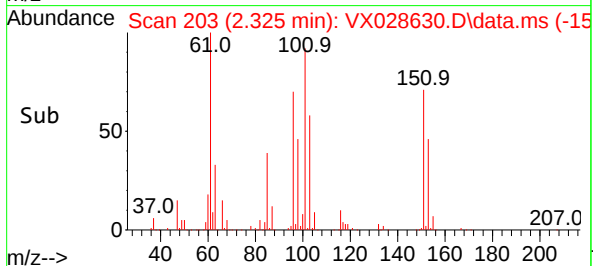
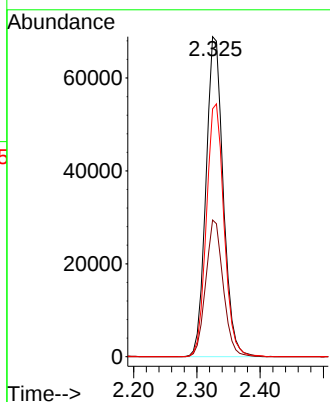
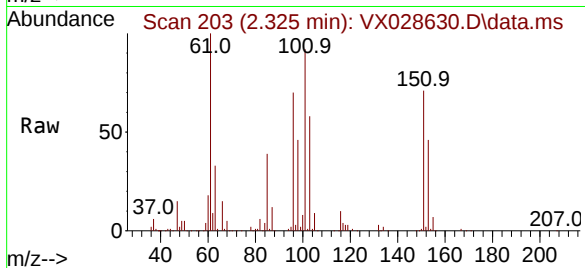
#9
1,1,2-Trichlorotrifluoroethane
Concen: 51.721 ug/l
RT: 2.325 min Scan# 203
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion:101 Resp: 131004
Ion Ratio Lower Upper
101 100
85 43.1 34.2 51.4
151 80.6 62.5 93.7

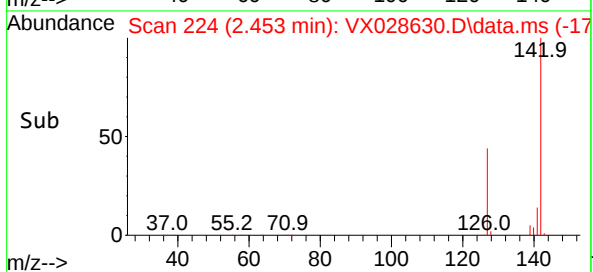
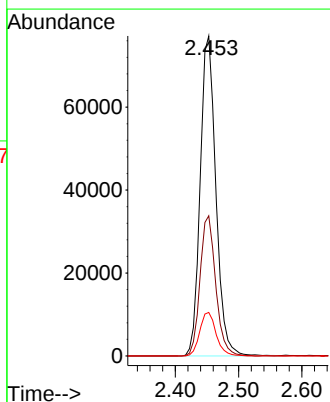
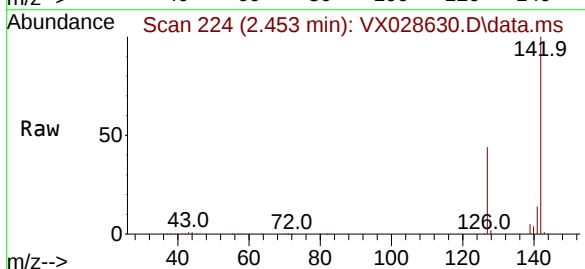
Manual Integrations
APPROVED

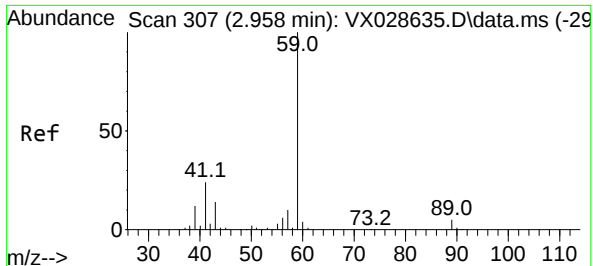
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#10
Methyl Iodide
Concen: 44.127 ug/l
RT: 2.453 min Scan# 224
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion:142 Resp: 133358
Ion Ratio Lower Upper
142 100
127 43.8 35.7 53.5
141 14.2 11.4 17.2





#11

Tert butyl alcohol

Concen: 267.761 ug/l

RT: 2.971 min Scan# 307

Delta R.T. 0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 59 Resp: 203349

Ion Ratio Lower Upper

59 100

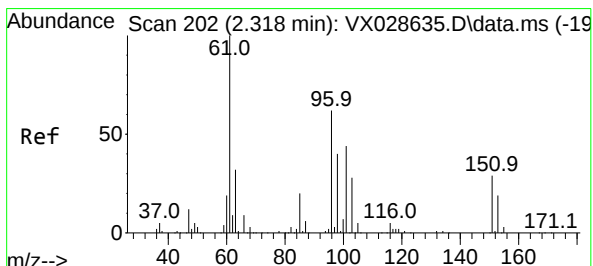
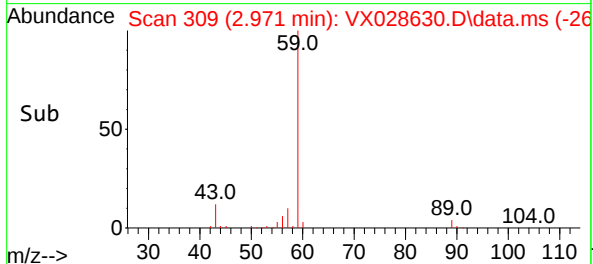
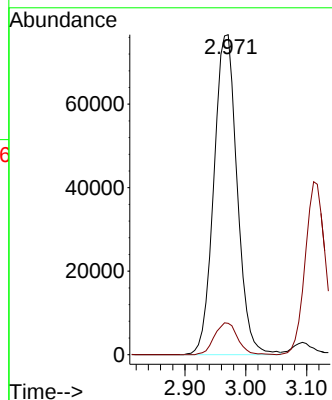
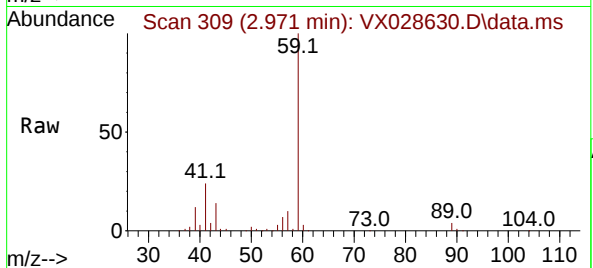
57 9.9 8.0 12.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#12

1,1-Dichloroethene

Concen: 51.712 ug/l

RT: 2.319 min Scan# 202

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

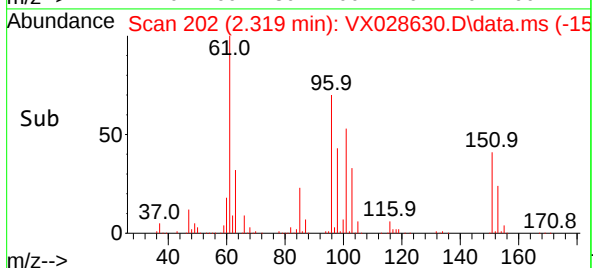
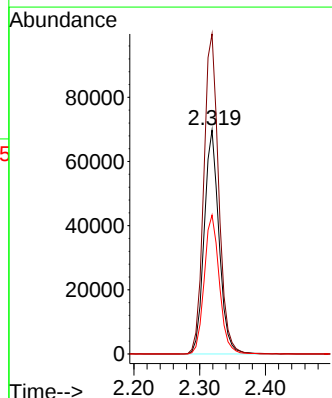
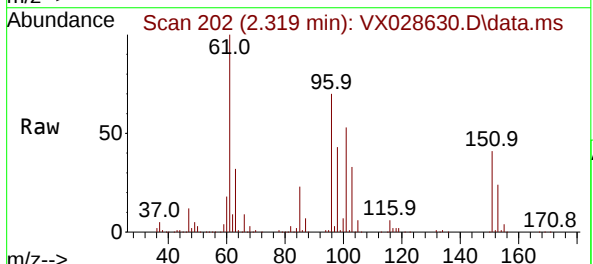
Tgt Ion: 96 Resp: 109153

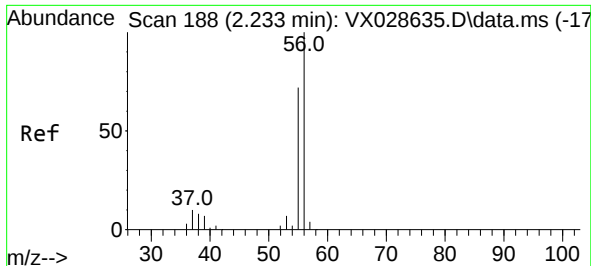
Ion Ratio Lower Upper

96 100

61 142.9 115.6 173.4

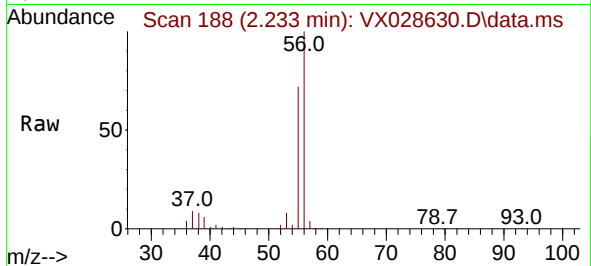
98 62.1 52.2 78.2





#13
Acrolein
Concen: 245.432 ug/l
RT: 2.233 min Scan# 188
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

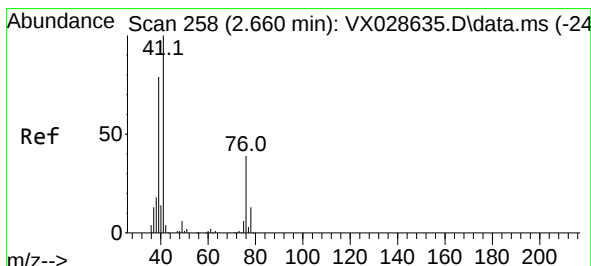
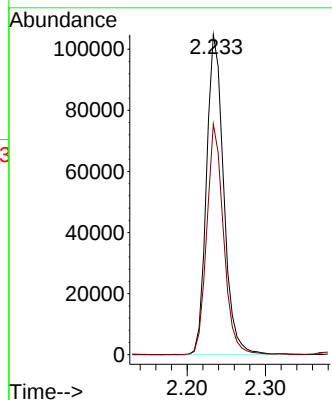
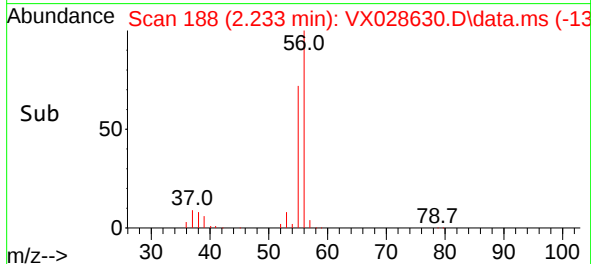
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 56 Resp: 159308
Ion Ratio Lower Upper
56 100
55 70.7 56.2 84.2

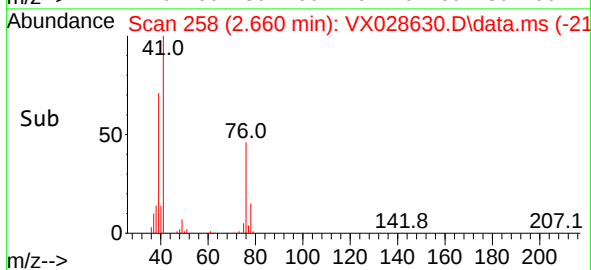
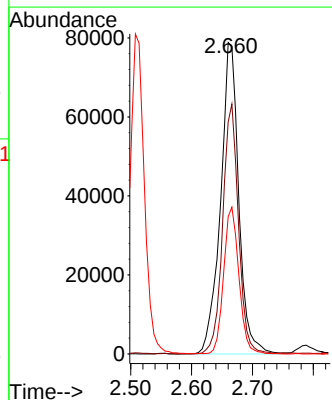
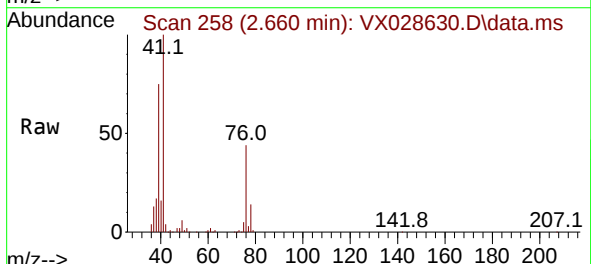
Manual Integrations
APPROVED

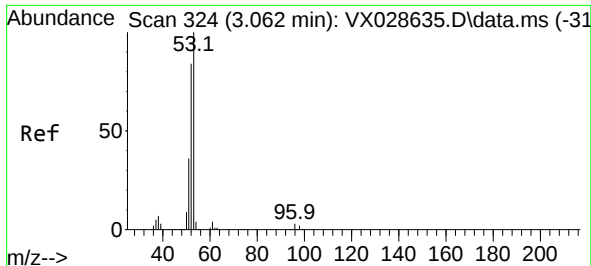
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#14
Allyl chloride
Concen: 47.372 ug/l
RT: 2.660 min Scan# 258
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

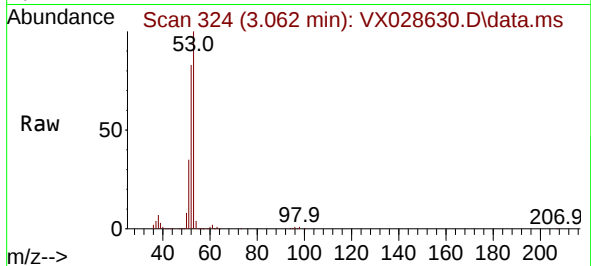
Tgt Ion: 41 Resp: 164255
Ion Ratio Lower Upper
41 100
39 69.5 55.1 82.7
76 39.5 31.1 46.7





#15
Acrylonitrile
Concen: 260.211 ug/l
RT: 3.062 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

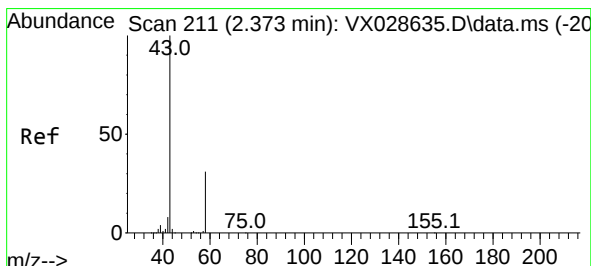
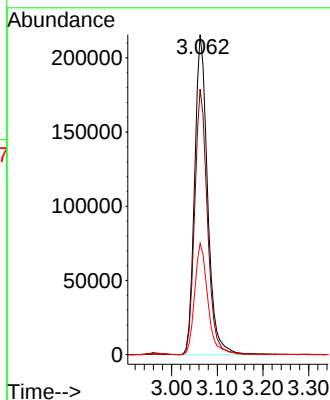
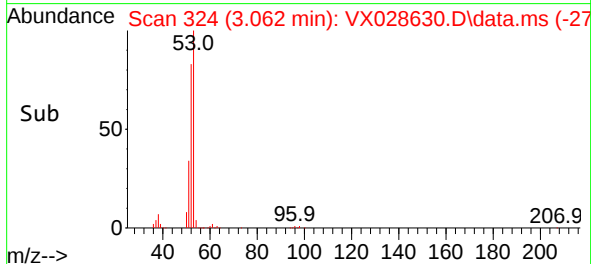
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



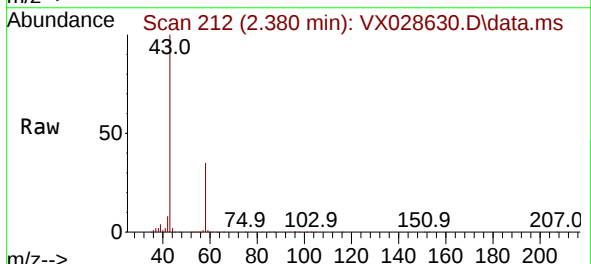
Tgt Ion: 53 Resp: 425949
Ion Ratio Lower Upper
53 100
52 81.7 66.1 99.1
51 35.4 29.2 43.8

Manual Integrations
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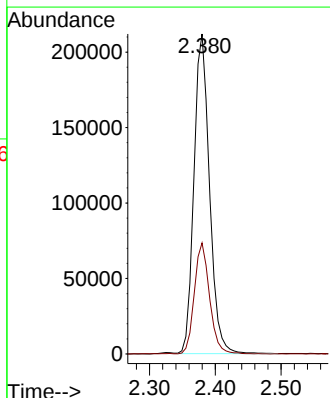
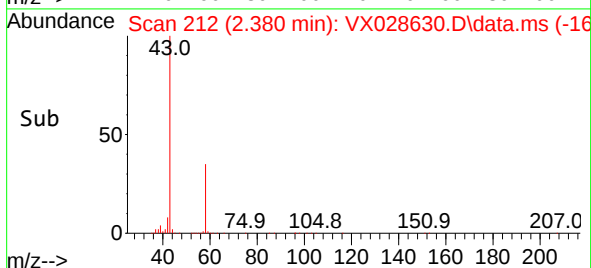
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

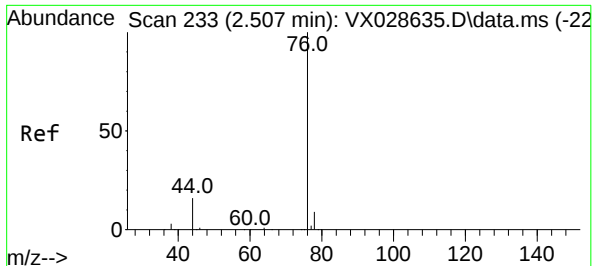


#16
Acetone
Concen: 244.813 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



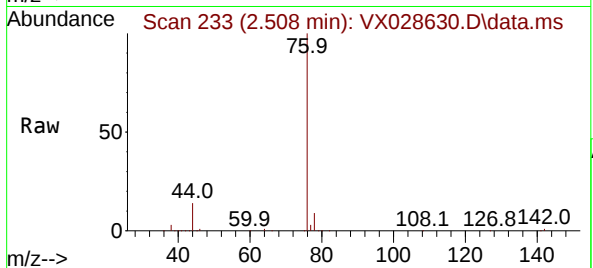
Tgt Ion: 43 Resp: 346401
Ion Ratio Lower Upper
43 100
58 34.7 26.9 40.3





#17
Carbon Disulfide
Concen: 49.236 ug/l
RT: 2.508 min Scan# 21
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

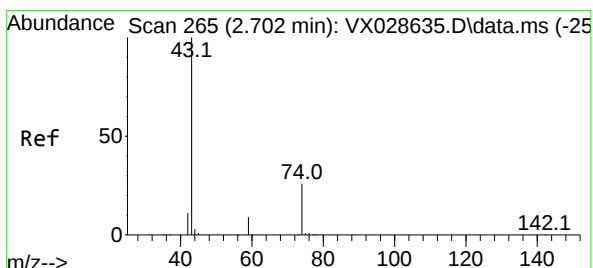
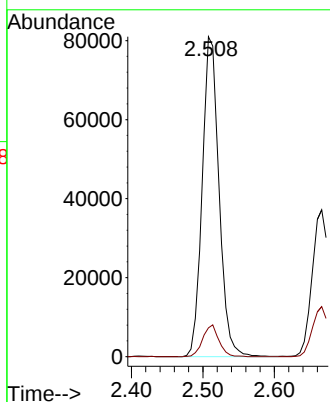
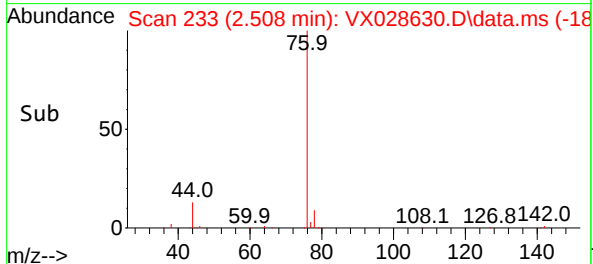
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 76 Resp: 132262
Ion Ratio Lower Upper
76 100
78 9.0 7.8 11.8

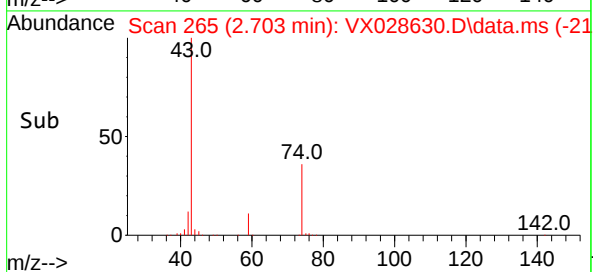
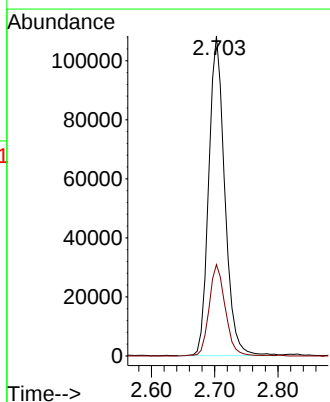
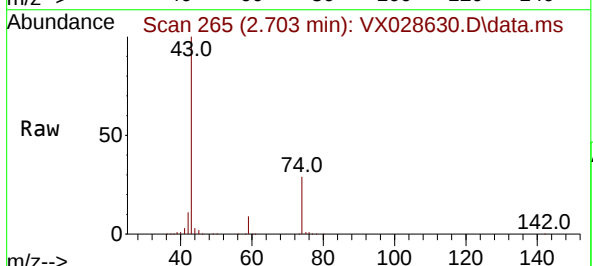
Manual Integrations
APPROVED

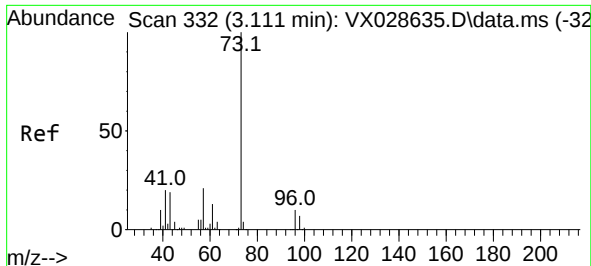
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#18
Methyl Acetate
Concen: 49.846 ug/l
RT: 2.703 min Scan# 265
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

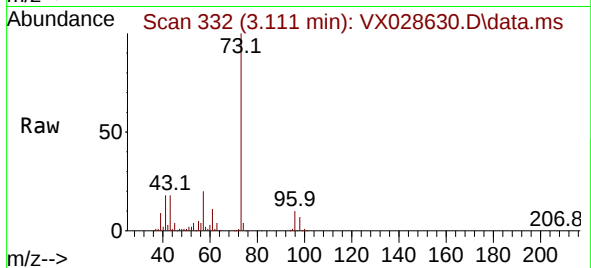
Tgt Ion: 43 Resp: 190584
Ion Ratio Lower Upper
43 100
74 28.7 23.4 35.0





#19
Methyl tert-butyl Ether
Concen: 50.807 ug/l
RT: 3.111 min Scan# 311
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

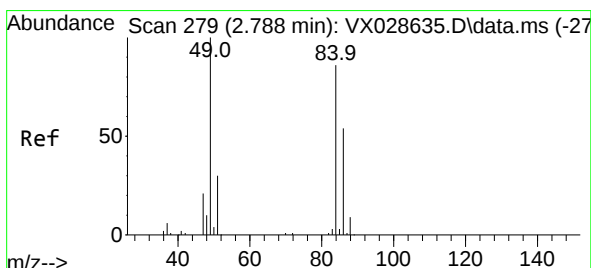
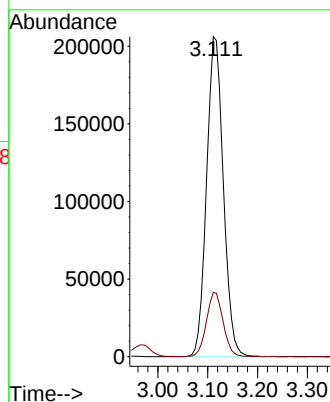
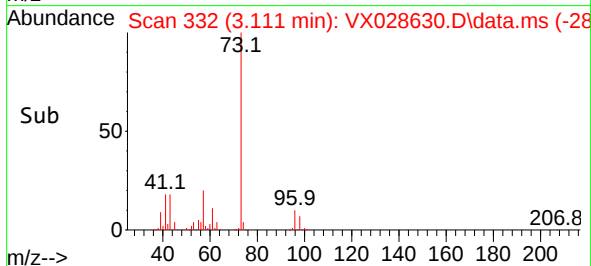
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 73 Resp: 480892
Ion Ratio Lower Upper
73 100
57 20.1 15.7 23.5

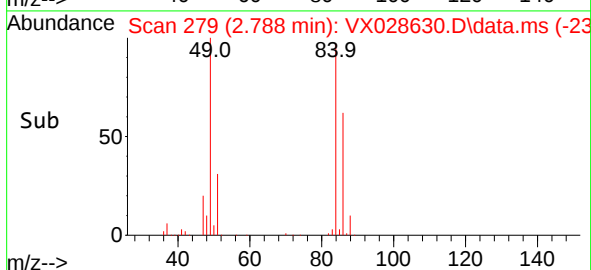
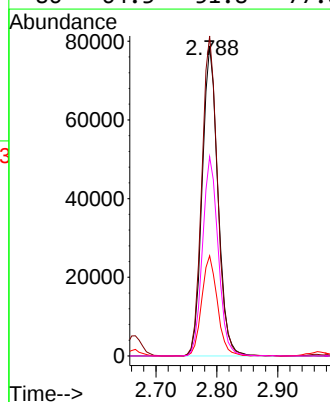
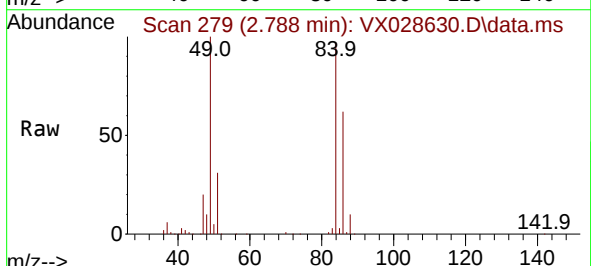
Manual Integrations
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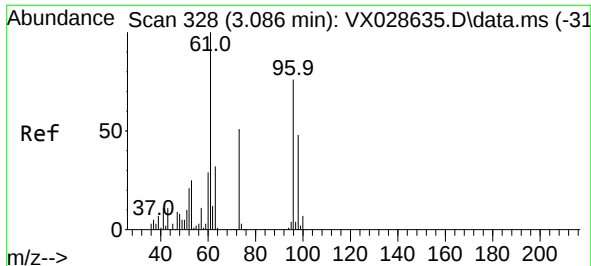
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#20
Methylene Chloride
Concen: 52.284 ug/l
RT: 2.788 min Scan# 279
Delta R.T. 0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

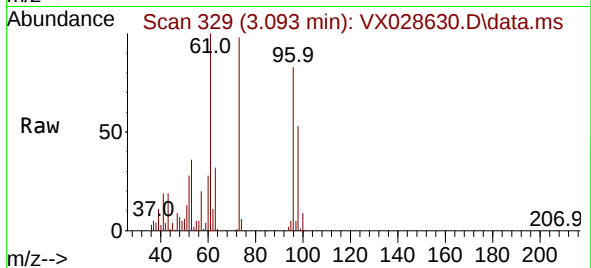
Tgt Ion: 84 Resp: 140937
Ion Ratio Lower Upper
84 100
49 103.2 85.0 127.6
51 32.3 26.5 39.7
86 64.3 51.8 77.8





#21
trans-1,2-Dichloroethene
Concen: 51.384 ug/l
RT: 3.093 min Scan# 31
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

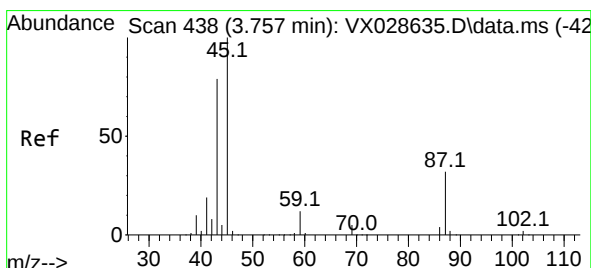
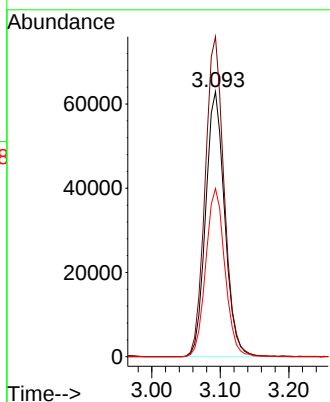
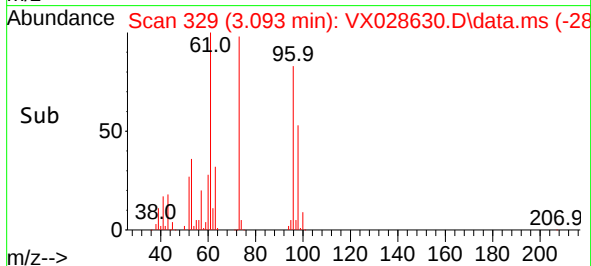
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 96 Resp: 121334
Ion Ratio Lower Upper
96 100
61 120.7 95.9 143.9
98 63.4 49.2 73.8

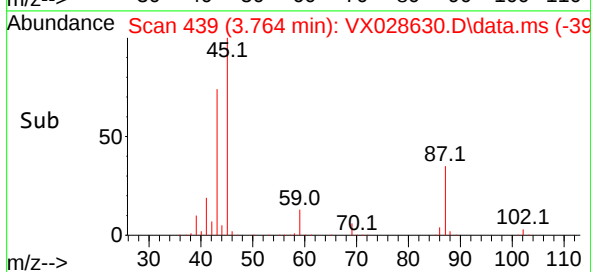
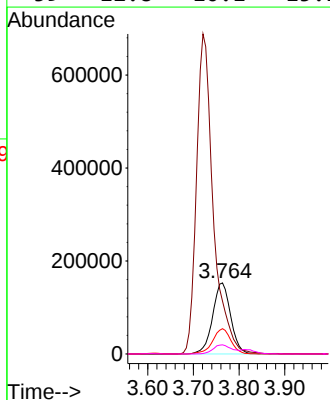
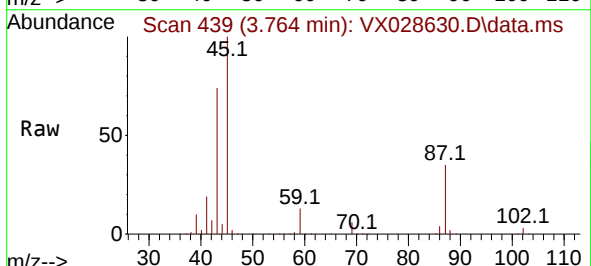
Manual Integrations
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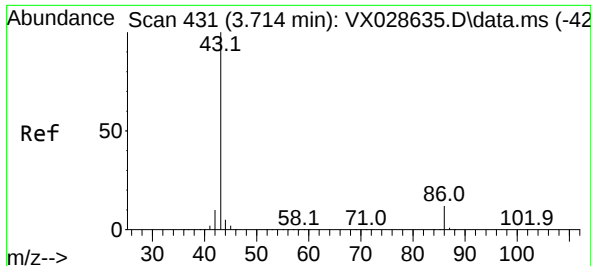
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#22
Diisopropyl ether
Concen: 50.449 ug/l
RT: 3.764 min Scan# 439
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

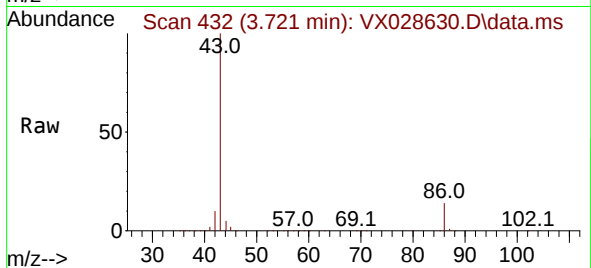
Tgt Ion: 45 Resp: 418239
Ion Ratio Lower Upper
45 100
43 74.3 57.4 86.2
87 35.5 27.6 41.4
59 12.8 10.1 15.1





#23
 Vinyl Acetate
 Concen: 258.540 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. -0.000 min
 Lab File: VX028630.D
 Acq: 11 May 2022 19:19

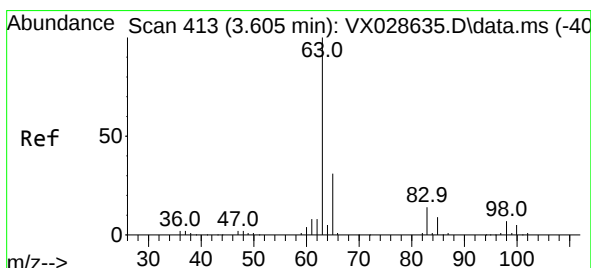
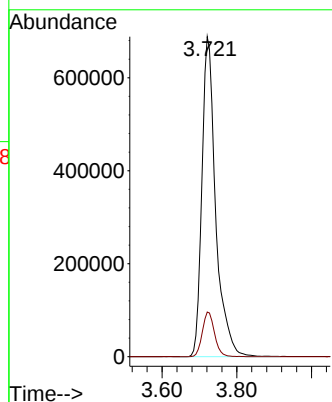
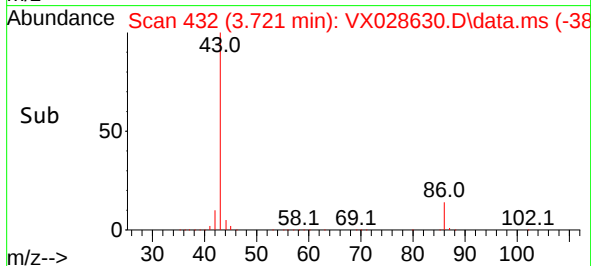
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV050



Tgt Ion: 43 Resp: 175875
 Ion Ratio Lower Upper
 43 100
 86 13.9 10.7 16.1

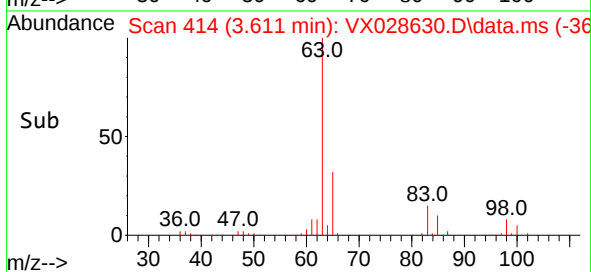
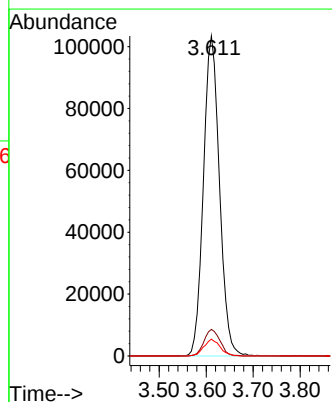
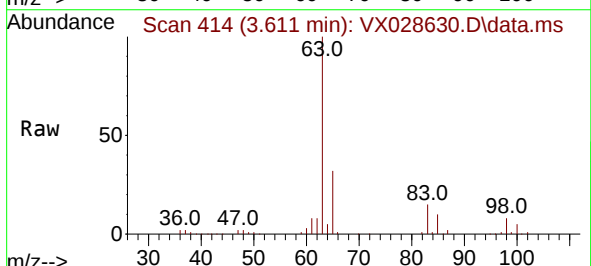
Manual Integrations
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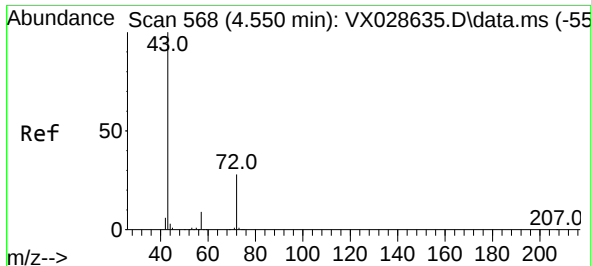
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/13/2022



#24
 1,1-Dichloroethane
 Concen: 48.635 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. -0.000 min
 Lab File: VX028630.D
 Acq: 11 May 2022 19:19

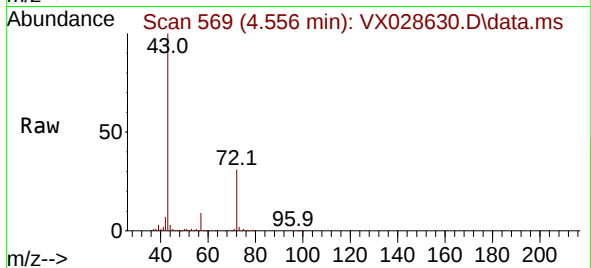
Tgt Ion: 63 Resp: 245434
 Ion Ratio Lower Upper
 63 100
 98 8.3 4.0 11.9
 100 5.3 2.8 8.3





#25
2-Butanone
Concen: 256.236 ug/l
RT: 4.556 min Scan# 568
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

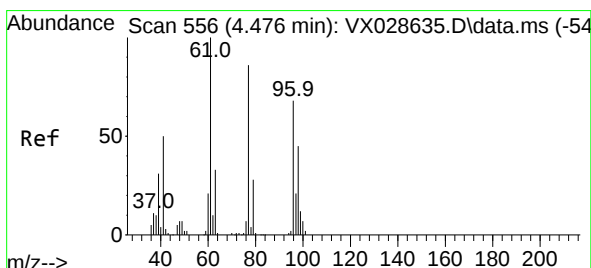
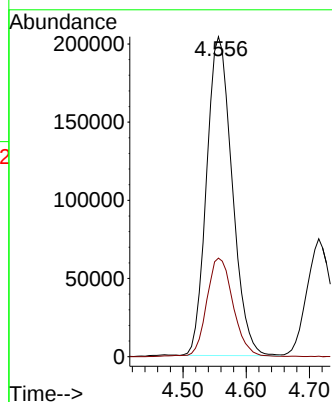
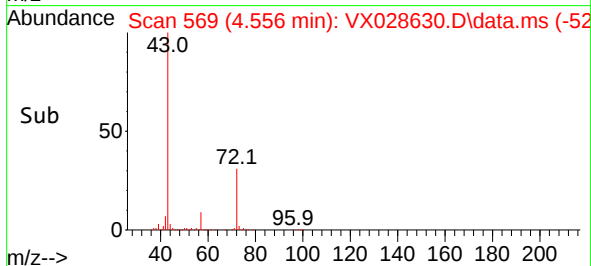
Instrument :
MSVOA_X
Client Sample Id :
VSTDICV050



Tgt Ion: 43 Resp: 57230
Ion Ratio Lower Upper
43 100
72 30.8 24.7 37.1

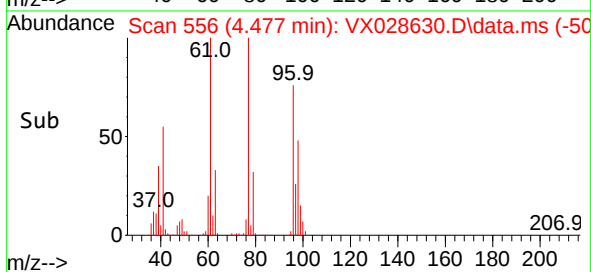
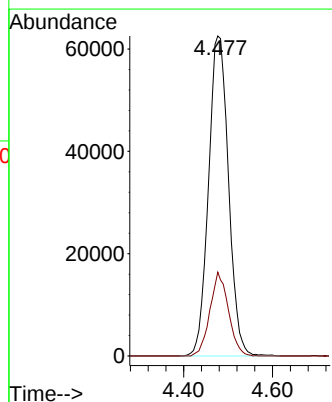
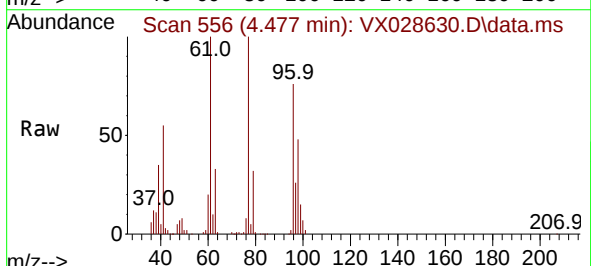
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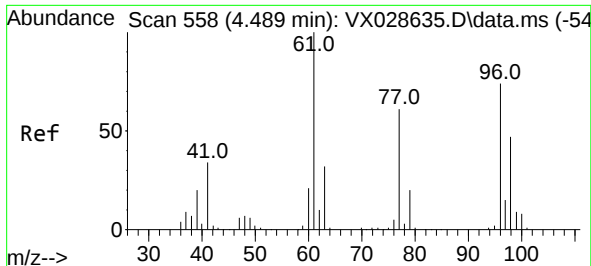
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#26
2,2-Dichloropropane
Concen: 49.871 ug/l
RT: 4.477 min Scan# 556
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion: 77 Resp: 195427
Ion Ratio Lower Upper
77 100
97 24.2 12.0 36.0





#27

cis-1,2-Dichloroethene

Concen: 48.763 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 96 Resp: 17180

Ion Ratio Lower Upper

96 100

61 127.9 0.0 258.4

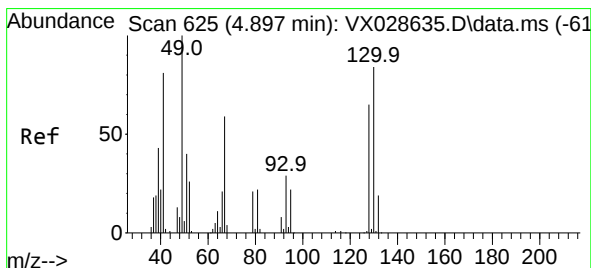
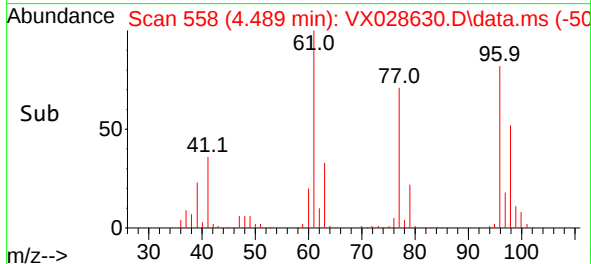
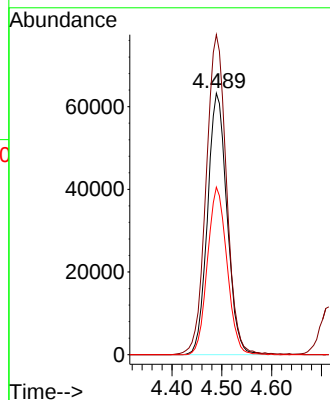
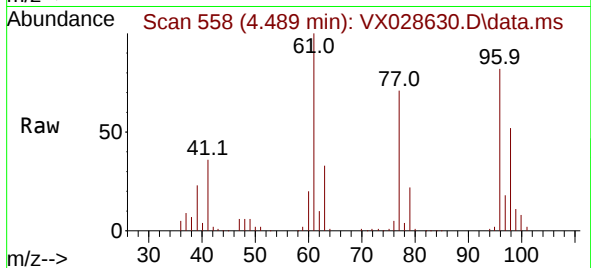
98 64.1 0.0 129.6

Manual Integrations

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Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#28

Bromochloromethane

Concen: 49.276 ug/l

RT: 4.904 min Scan# 626

Delta R.T. 0.006 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

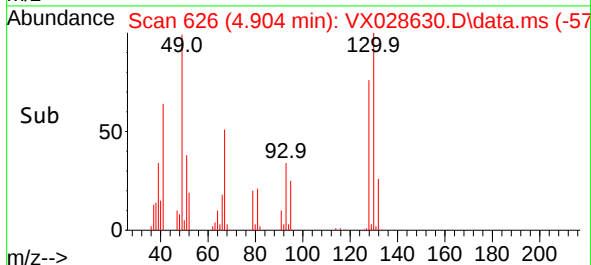
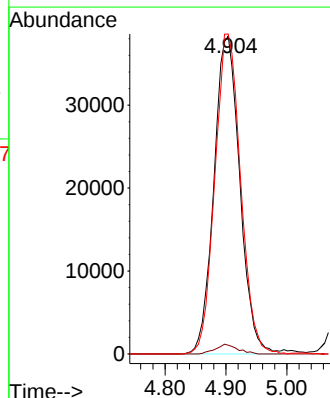
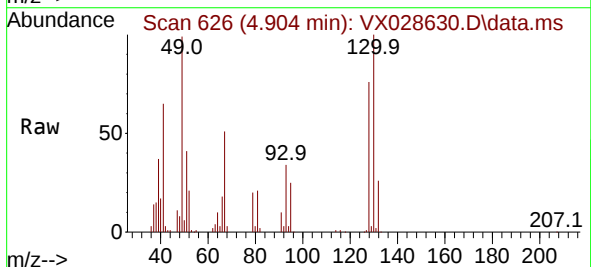
Tgt Ion: 49 Resp: 113248

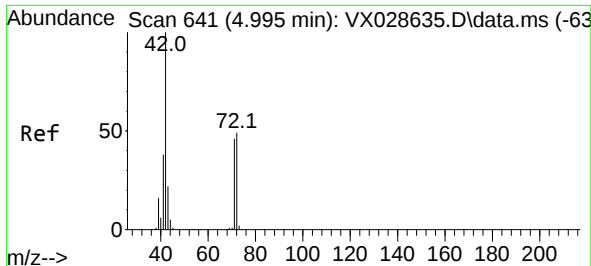
Ion Ratio Lower Upper

49 100

129 2.6 0.0 5.4

130 100.0 80.8 121.2





#29

Tetrahydrofuran

Concen: 251.027 ug/l

RT: 5.007 min Scan# 641

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 42 Resp: 35251

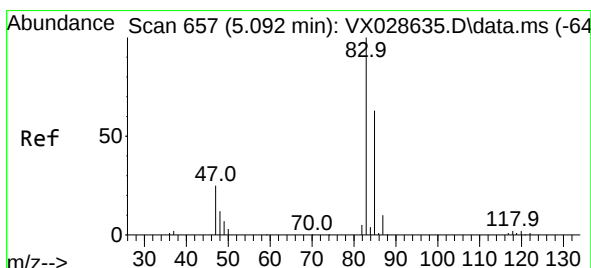
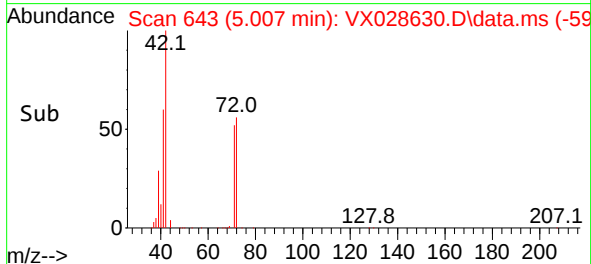
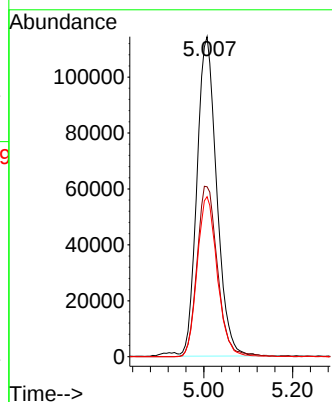
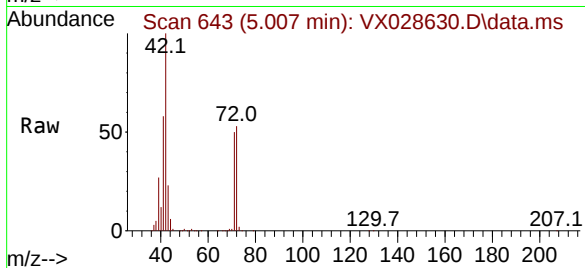
Ion	Ratio	Lower	Upper
42	100		
72	55.6	43.8	65.8
71	51.0	40.9	61.3

Manual Integrations

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Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#30

Chloroform

Concen: 49.177 ug/l

RT: 5.099 min Scan# 658

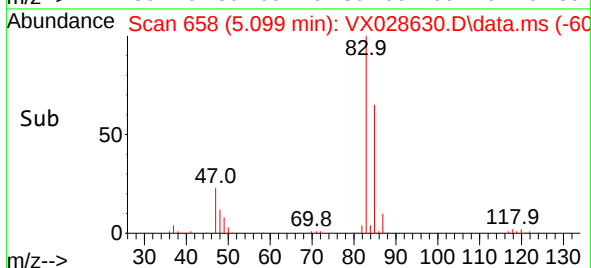
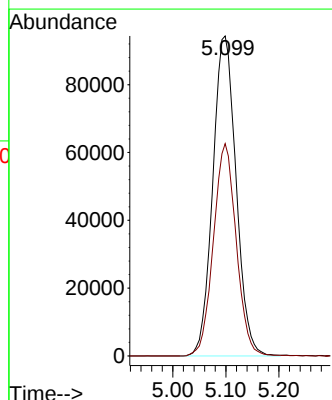
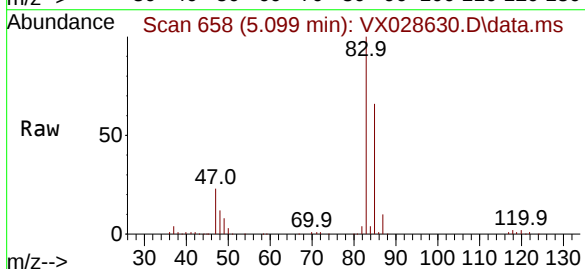
Delta R.T. -0.000 min

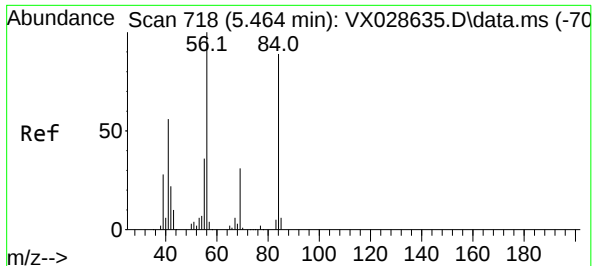
Lab File: VX028630.D

Acq: 11 May 2022 19:19

Tgt Ion: 83 Resp: 288451

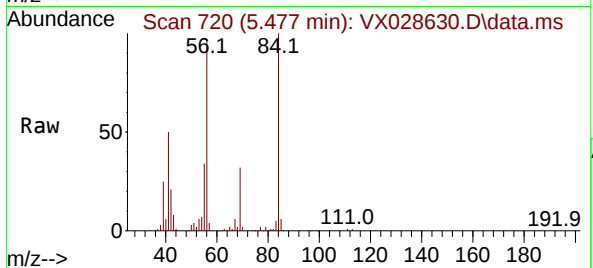
Ion	Ratio	Lower	Upper
83	100		
85	66.4	52.6	79.0





#31
Cyclohexane
Concen: 50.425 ug/l
RT: 5.477 min Scan# 718
Delta R.T. 0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

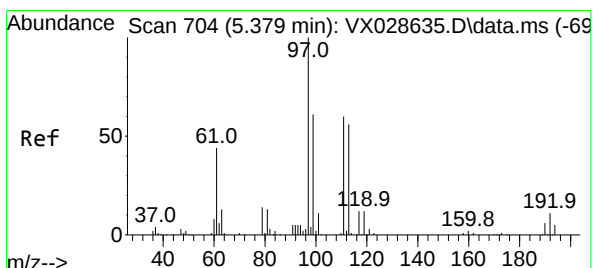
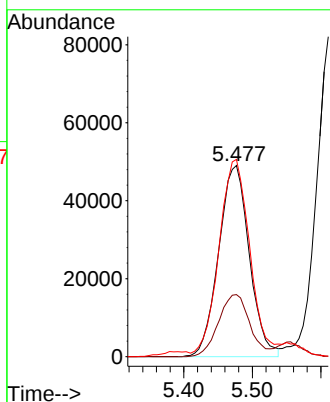
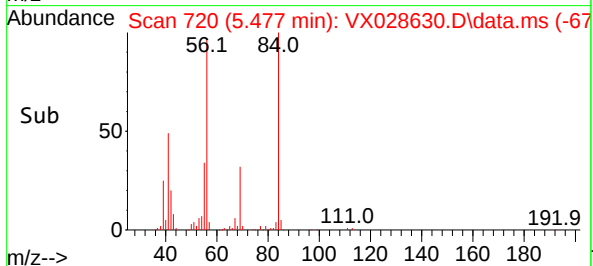
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



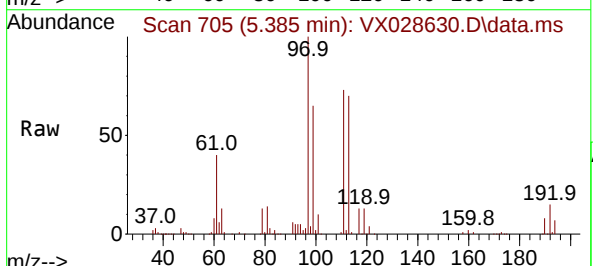
Tgt Ion: 56 Resp: 15256
Ion Ratio Lower Upper
56 100
69 32.5 25.3 37.9
84 100.6 80.1 120.1

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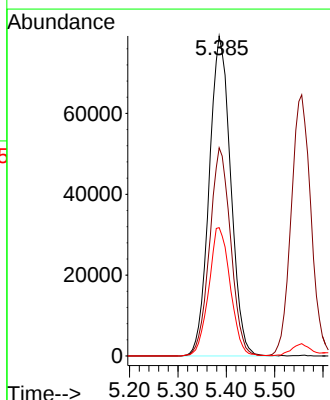
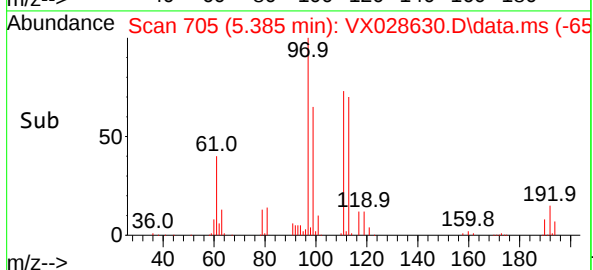
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

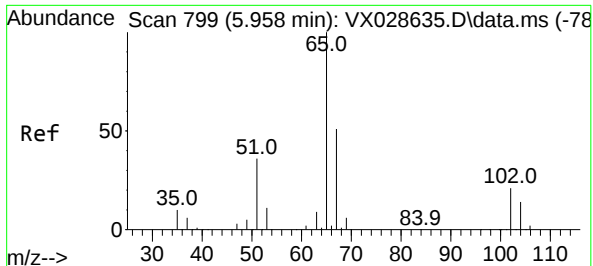


#32
1,1,1-Trichloroethane
Concen: 49.460 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion: 97 Resp: 244282
Ion Ratio Lower Upper
97 100
99 63.8 51.7 77.5
61 40.2 32.3 48.5





#33

1,2-Dichloroethane-d4

Concen: 47.502 ug/l

RT: 5.958 min Scan# 799

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 65 Resp: 18140

Ion Ratio Lower Upper

65 100

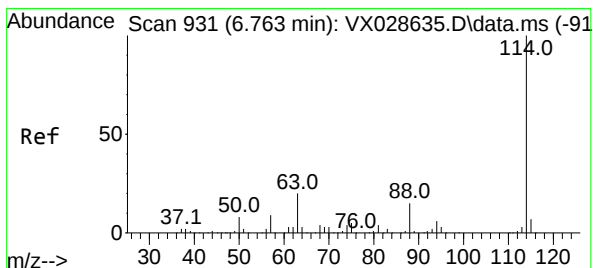
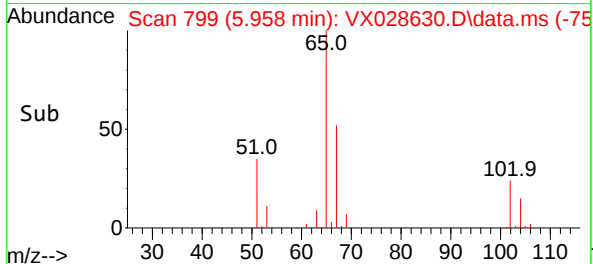
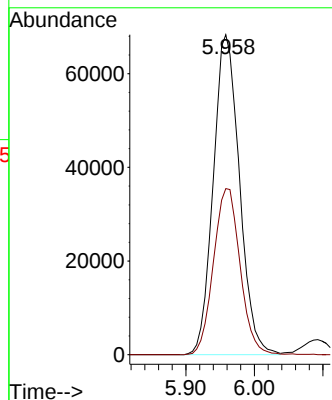
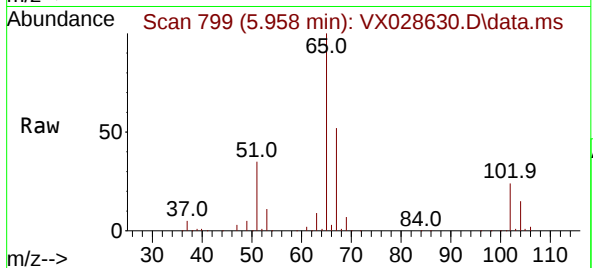
67 52.6 0.0 105.4

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Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

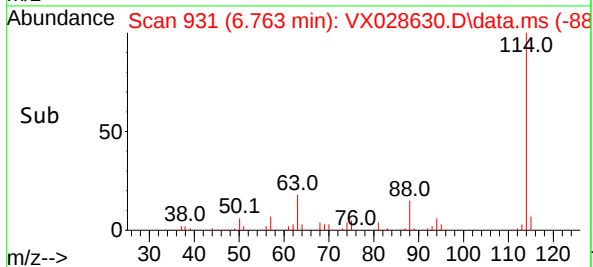
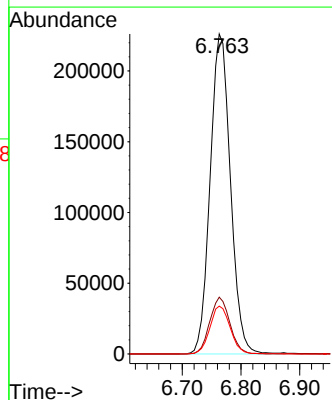
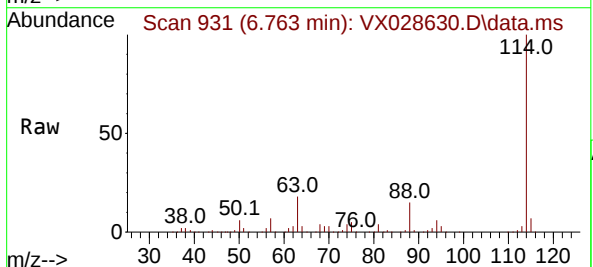
Tgt Ion:114 Resp: 542532

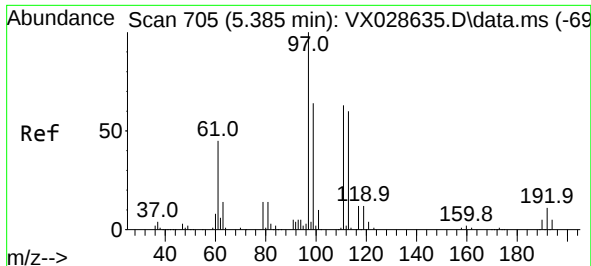
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.2

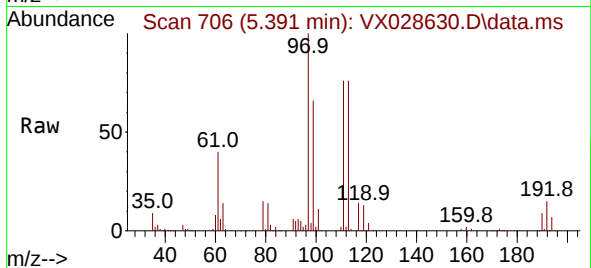
88 15.0 0.0 30.0





#35
Dibromofluoromethane
Concen: 48.611 ug/l
RT: 5.391 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

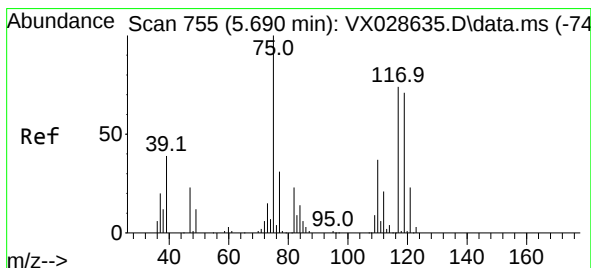
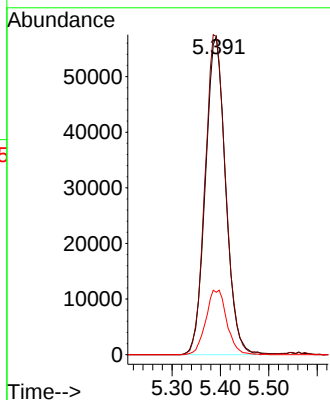
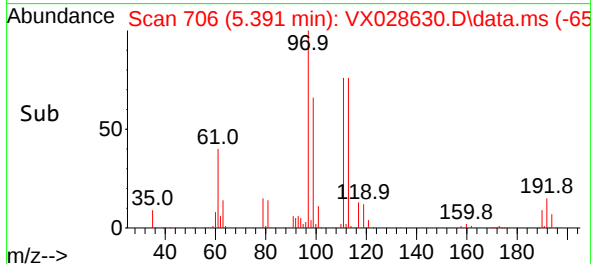
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 113 Resp: 16593
Ion Ratio Lower Upper
113 100
111 102.2 81.4 122.0
192 21.0 16.6 24.8

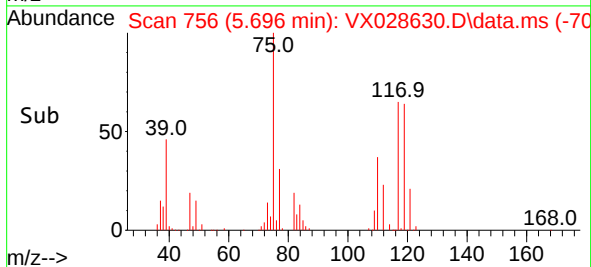
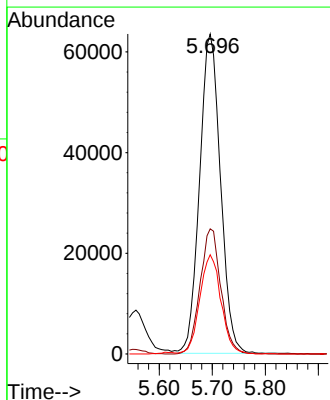
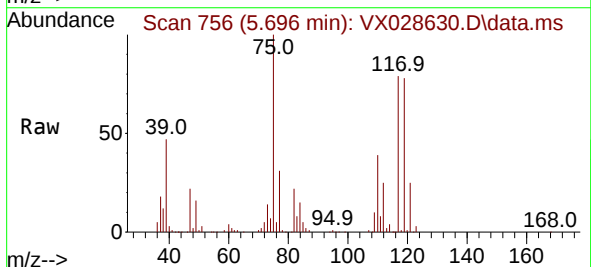
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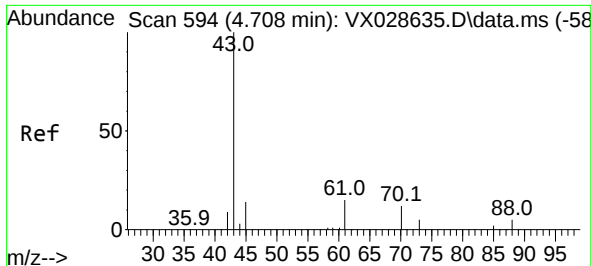
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#36
1,1-Dichloropropene
Concen: 46.381 ug/l
RT: 5.696 min Scan# 756
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

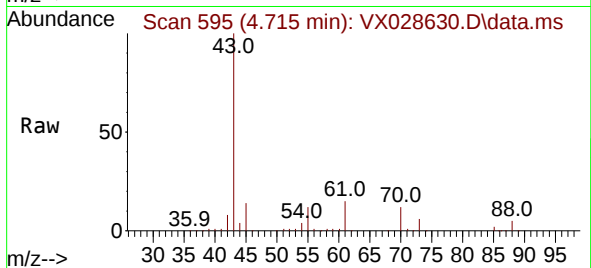
Tgt Ion: 75 Resp: 173141
Ion Ratio Lower Upper
75 100
110 39.0 19.4 58.1
77 31.6 24.6 37.0





#37
Ethyl Acetate
Concen: 50.812 ug/l
RT: 4.715 min Scan# 594
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

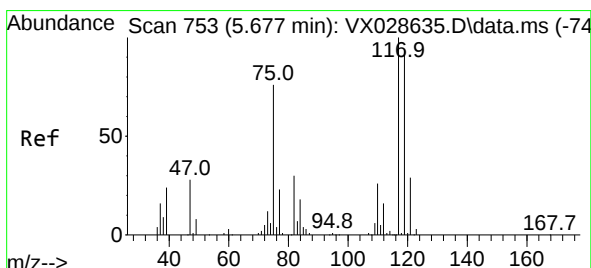
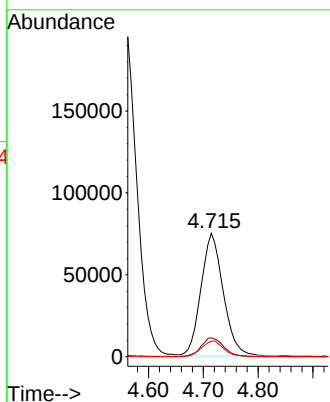
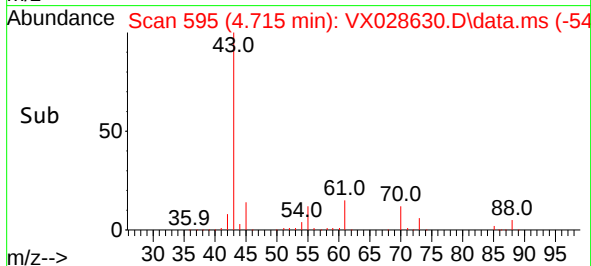
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 43 Resp: 211904
Ion Ratio Lower Upper
43 100
61 15.8 13.0 19.6
70 12.7 10.2 15.4

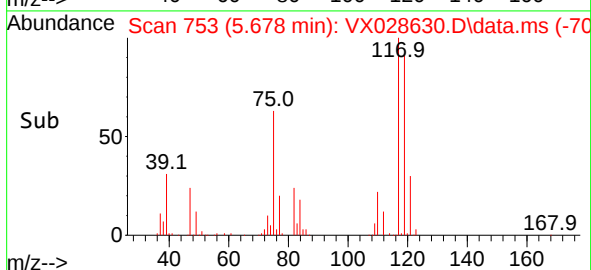
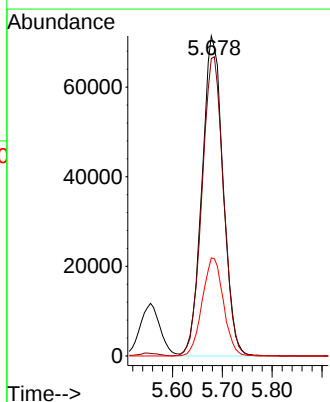
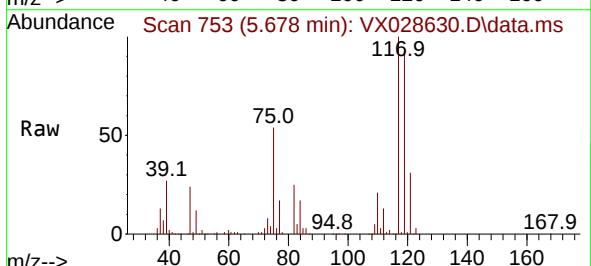
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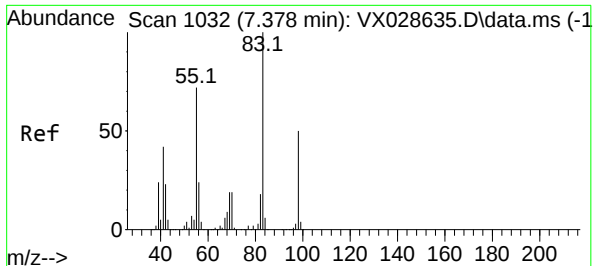
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#38
Carbon Tetrachloride
Concen: 49.292 ug/l
RT: 5.678 min Scan# 753
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion:117 Resp: 209681
Ion Ratio Lower Upper
117 100
119 92.8 77.9 116.9
121 30.7 24.0 36.0





#39

Methylcyclohexane

Concen: 50.485 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.006 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

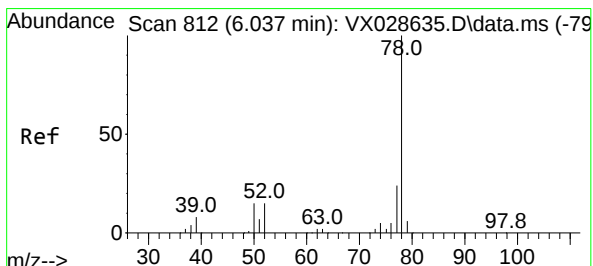
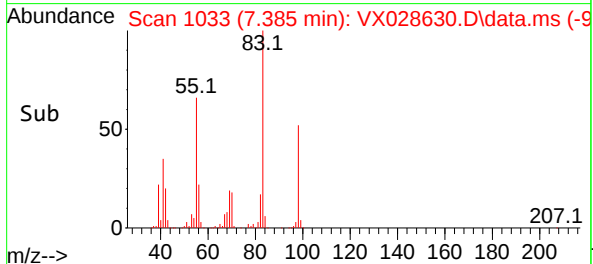
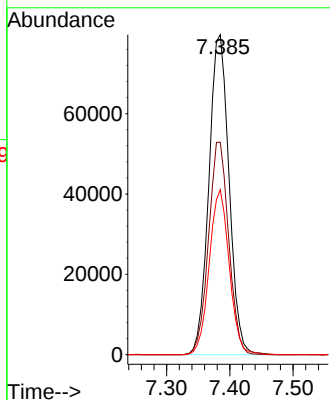
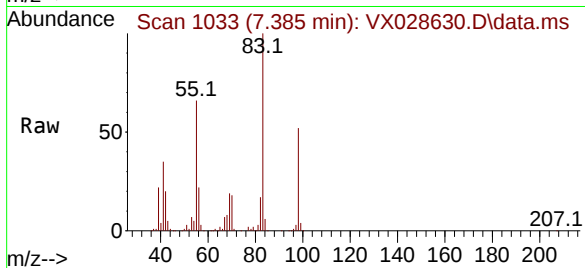
Tgt Ion:	83	Resp:	176514
Ion	Ratio	Lower	Upper
83	100		
55	66.4	52.6	78.8
98	51.6	39.8	59.6

Manual Integrations

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Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#40

Benzene

Concen: 48.338 ug/l

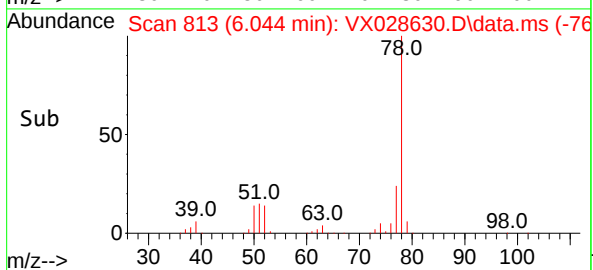
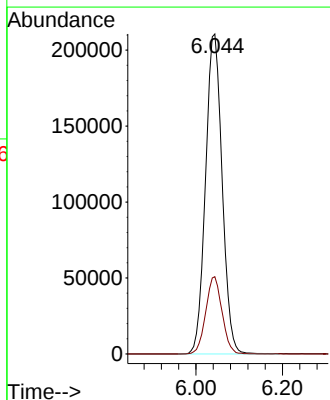
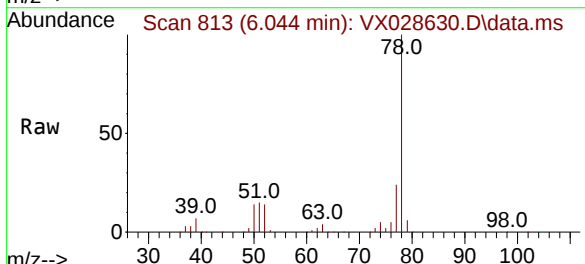
RT: 6.044 min Scan# 813

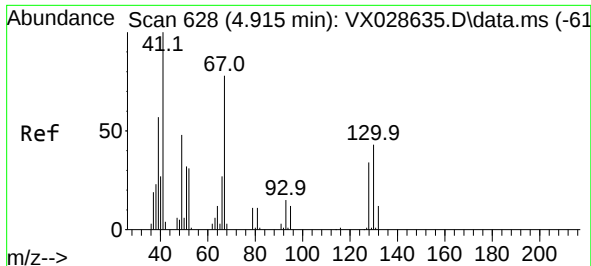
Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

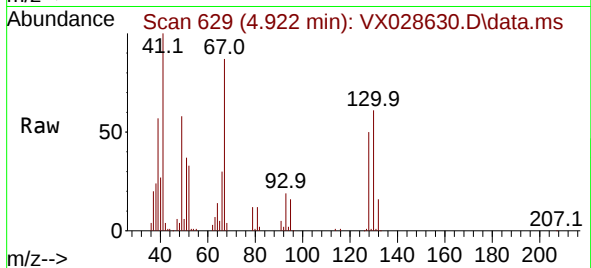
Tgt Ion:	78	Resp:	561182
Ion	Ratio	Lower	Upper
78	100		
77	24.2	19.0	28.6





#41
Methacrylonitrile
Concen: 51.064 ug/l
RT: 4.922 min Scan# 61
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

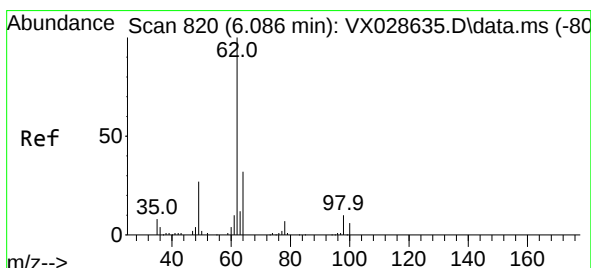
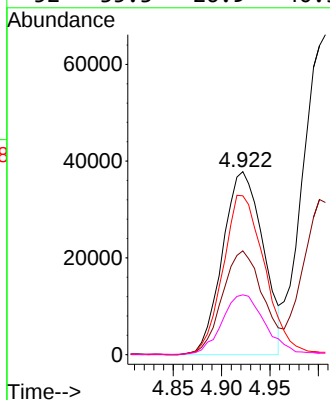
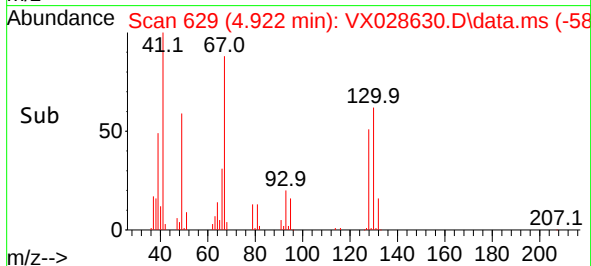
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 41 Resp: 110799
Ion Ratio Lower Upper
41 100
39 58.1 46.2 69.2
67 89.7 70.6 106.0
52 35.3 26.9 40.3

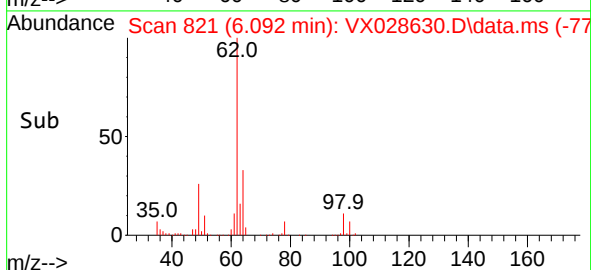
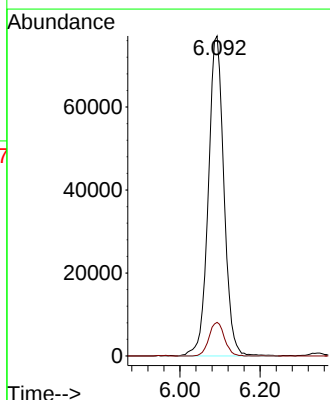
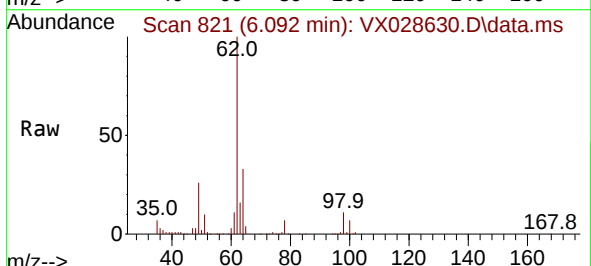
Manual Integrations
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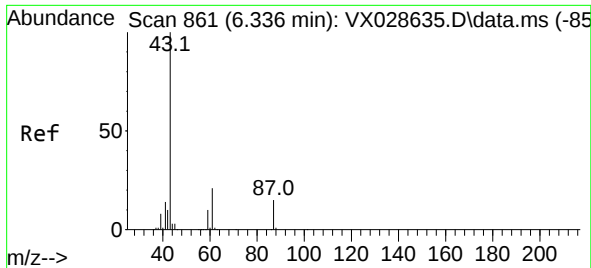
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#42
1,2-Dichloroethane
Concen: 48.907 ug/l
RT: 6.092 min Scan# 821
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

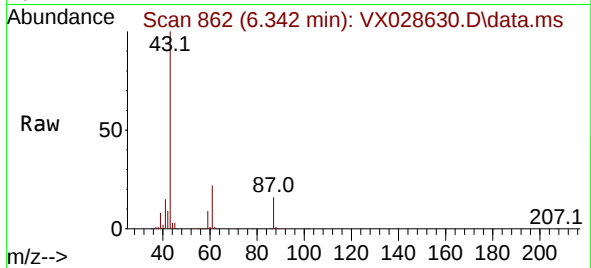
Tgt Ion: 62 Resp: 208145
Ion Ratio Lower Upper
62 100
98 10.4 0.0 21.0





#43
Isopropyl Acetate
Concen: 51.914 ug/l
RT: 6.342 min Scan# 80
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

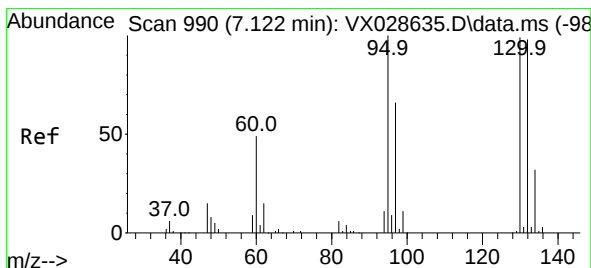
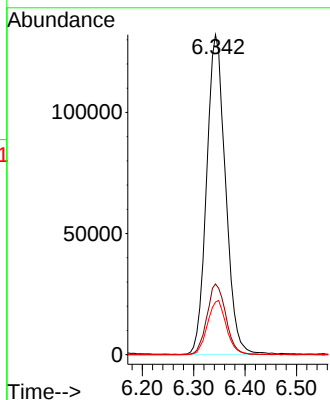
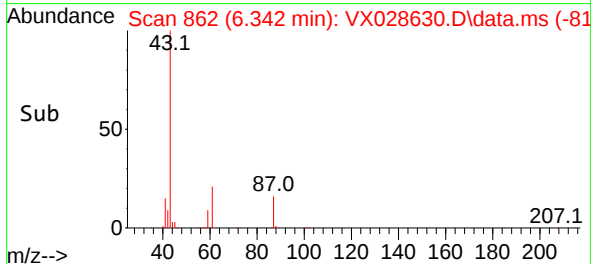
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 43 Resp: 33634
Ion Ratio Lower Upper
43 100
61 22.2 17.5 26.3
87 17.0 13.2 19.8

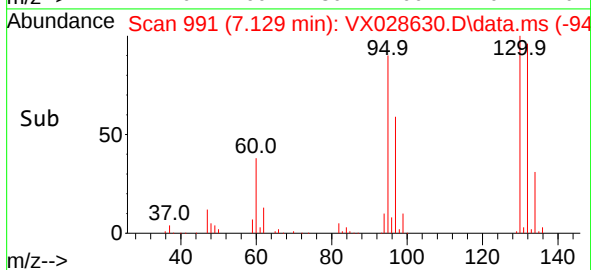
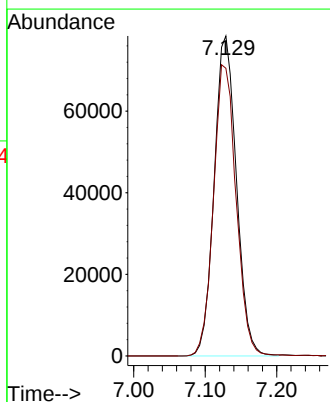
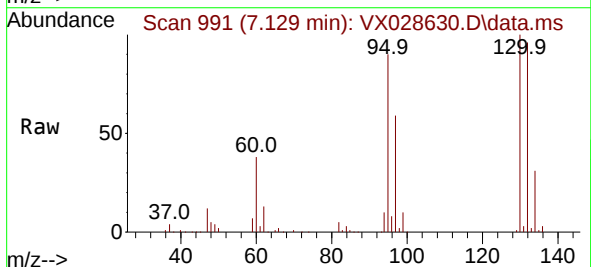
Manual Integrations
APPROVED

Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#44
Trichloroethene
Concen: 48.803 ug/l
RT: 7.129 min Scan# 991
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion:130 Resp: 169491
Ion Ratio Lower Upper
130 100
95 89.9 0.0 184.6





#45

1,2-Dichloropropane

Concen: 50.252 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 63 Resp: 150468

Ion Ratio Lower Upper

63 100

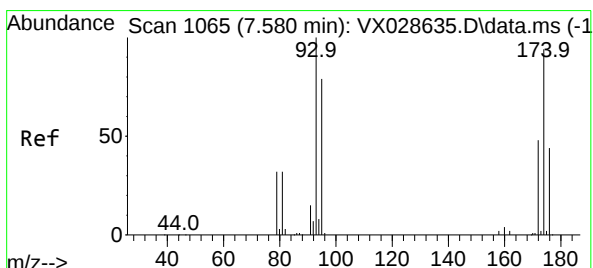
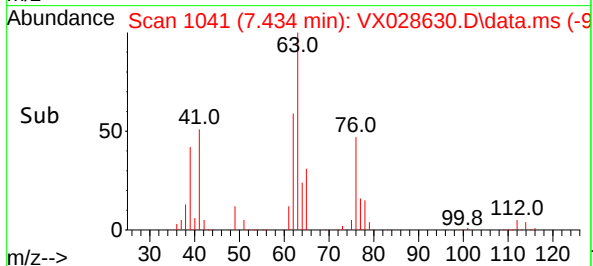
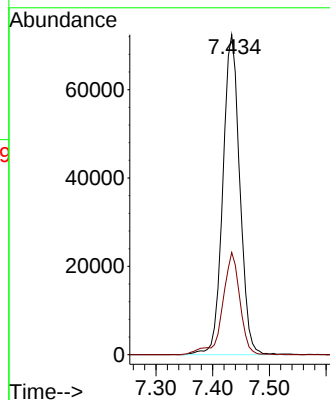
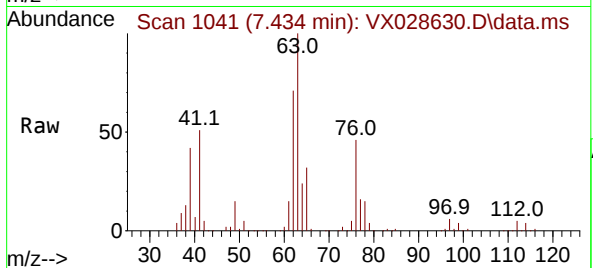
65 32.0 25.3 37.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#46

Dibromomethane

Concen: 50.103 ug/l

RT: 7.586 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

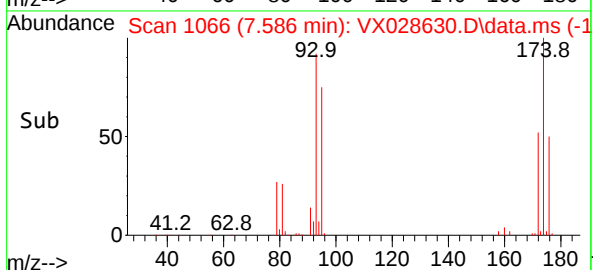
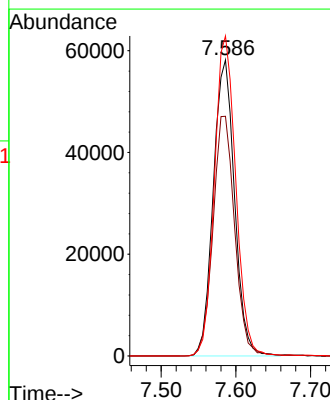
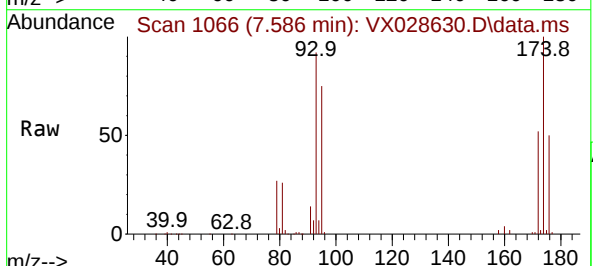
Tgt Ion: 93 Resp: 115095

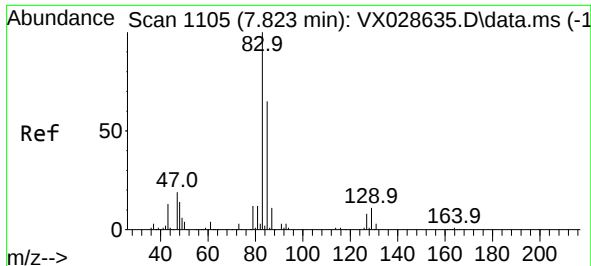
Ion Ratio Lower Upper

93 100

95 82.4 66.6 100.0

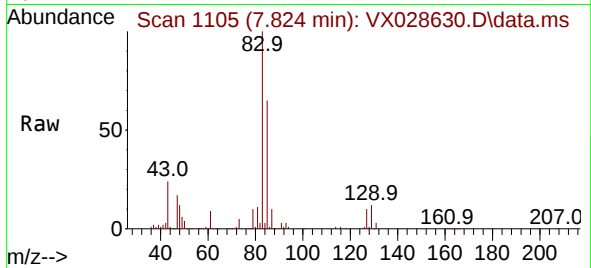
174 108.6 86.4 129.6





#47
Bromodichloromethane
Concen: 51.815 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

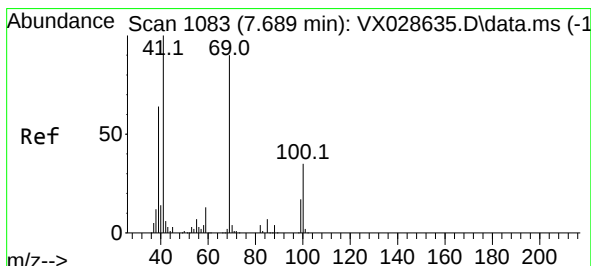
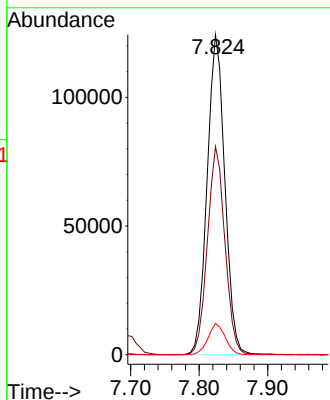
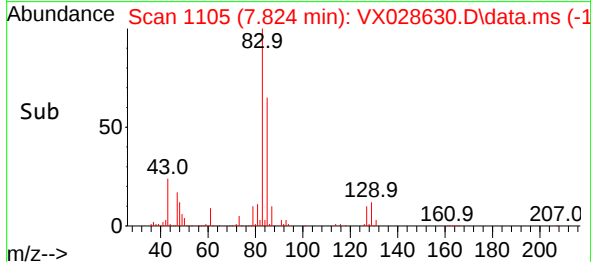
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



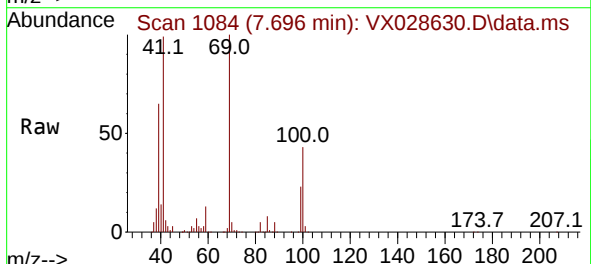
Tgt Ion: 83 Resp: 222678
Ion Ratio Lower Upper
83 100
85 65.0 52.0 78.0
127 9.8 7.2 10.8

Manual Integrations
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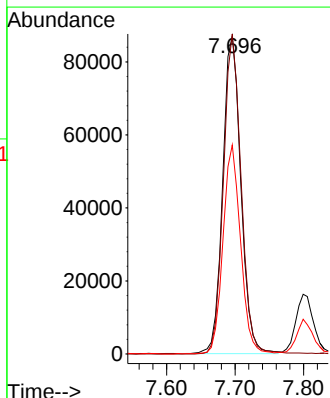
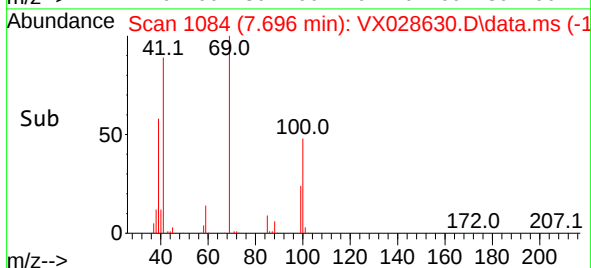
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

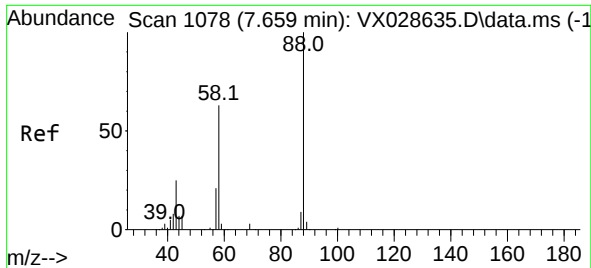


#48
Methyl methacrylate
Concen: 52.110 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



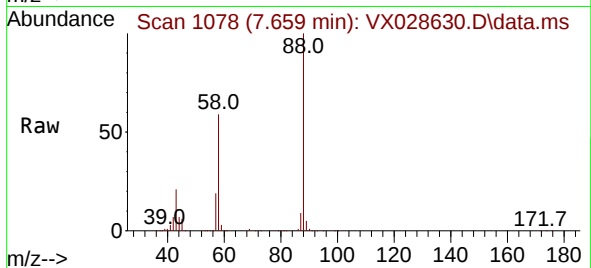
Tgt Ion: 41 Resp: 159522
Ion Ratio Lower Upper
41 100
69 98.7 80.2 120.4
39 63.8 50.9 76.3





#49
1,4-Dioxane
Concen: 1062.615 ug/l
RT: 7.659 min Scan# 1078
Delta R.T. -0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

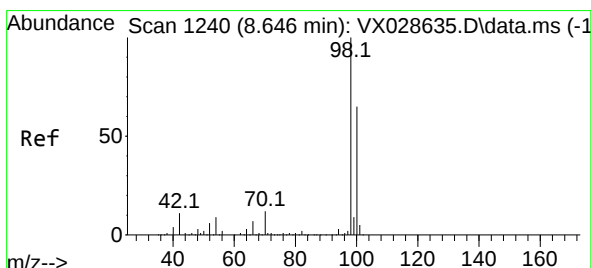
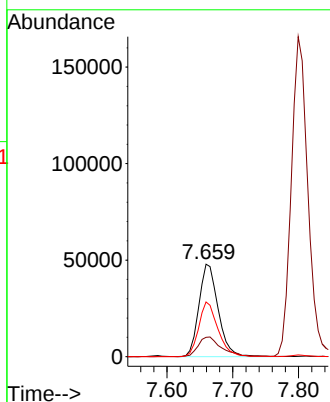
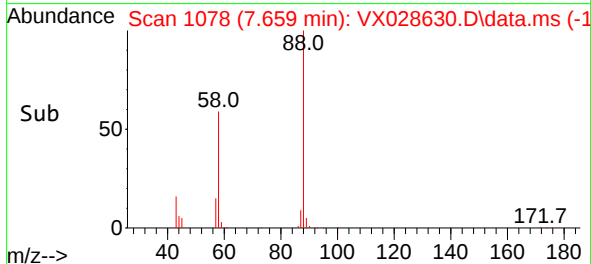
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion: 88 Resp: 97344
Ion Ratio Lower Upper
88 100
43 25.5 21.4 32.0
58 59.1 47.4 71.2

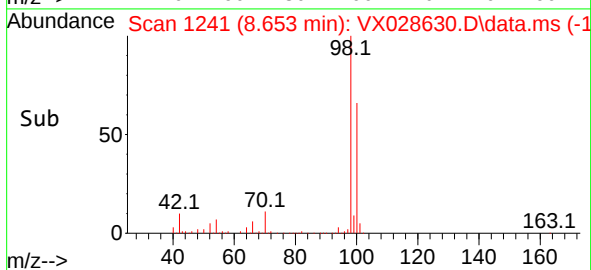
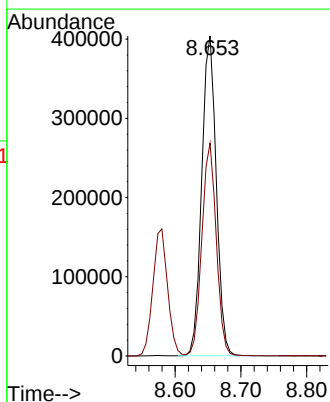
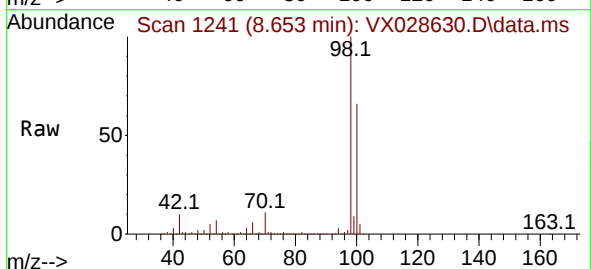
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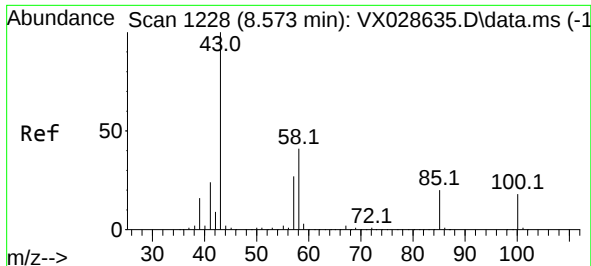
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 48.988 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion: 98 Resp: 620777
Ion Ratio Lower Upper
98 100
100 66.0 53.6 80.4





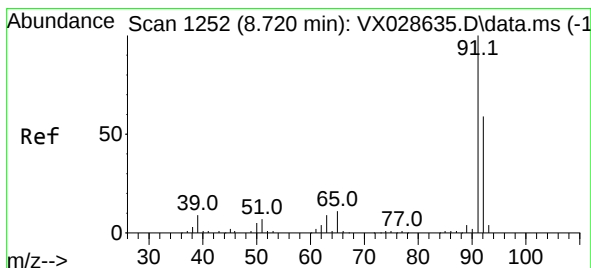
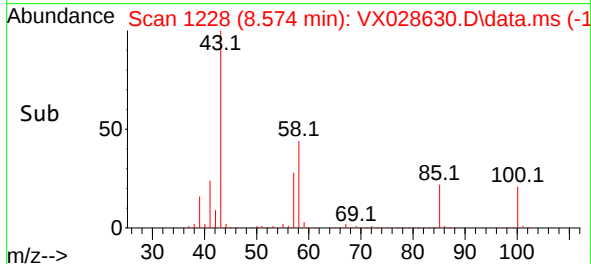
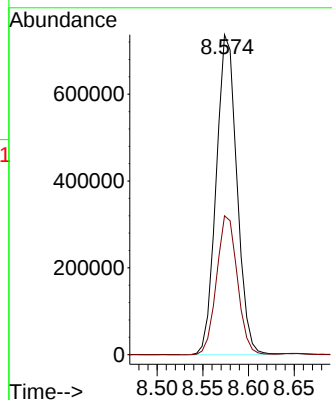
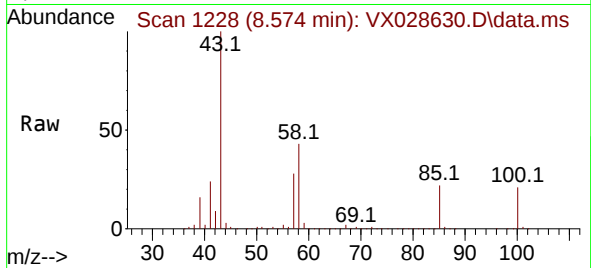
#51
4-Methyl-2-Pentanone
Concen: 264.810 ug/l
RT: 8.574 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion: 43 Resp: 116146
Ion Ratio Lower Upper
43 100
58 43.7 35.0 52.6

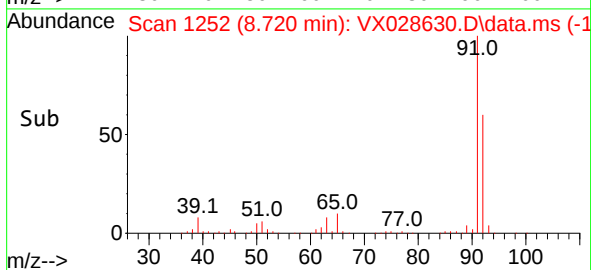
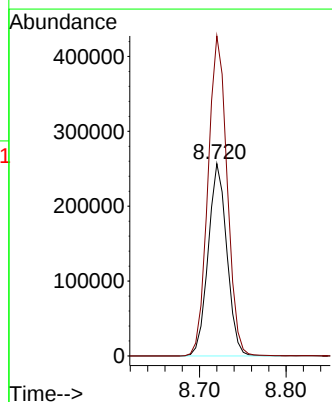
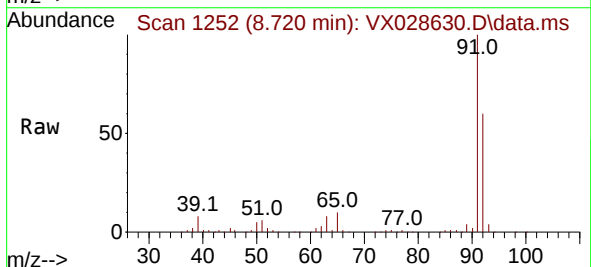
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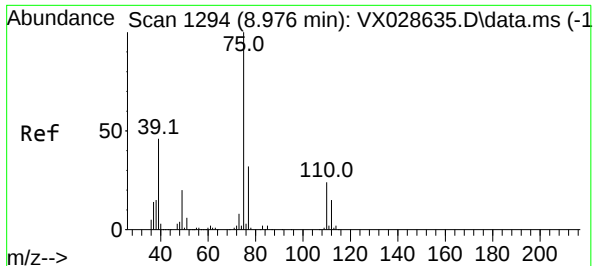
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#52
Toluene
Concen: 48.756 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion: 92 Resp: 384841
Ion Ratio Lower Upper
92 100
91 170.5 135.8 203.8





#53

t-1,3-Dichloropropene

Concen: 49.113 ug/l

RT: 8.982 min Scan# 1295

Delta R.T. 0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 75 Resp: 23017

Ion Ratio Lower Upper

75 100

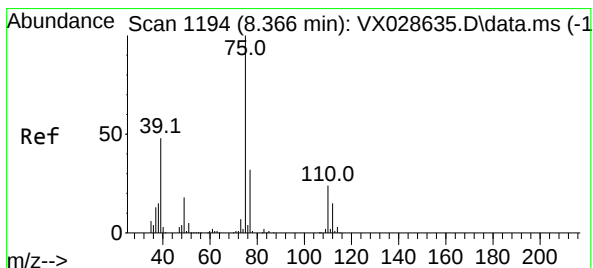
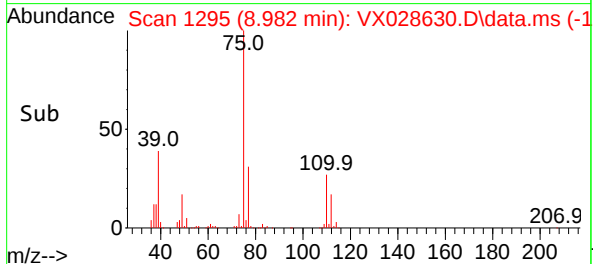
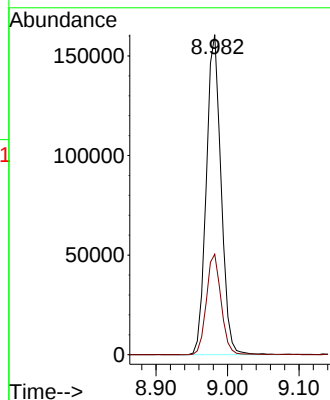
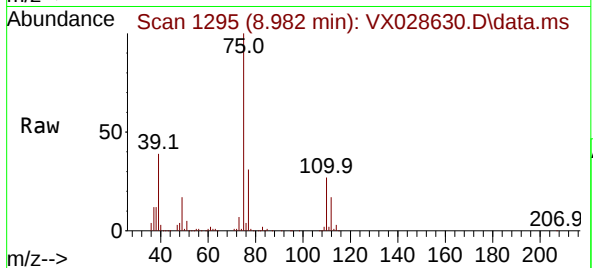
77 31.4 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#54

cis-1,3-Dichloropropene

Concen: 53.374 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

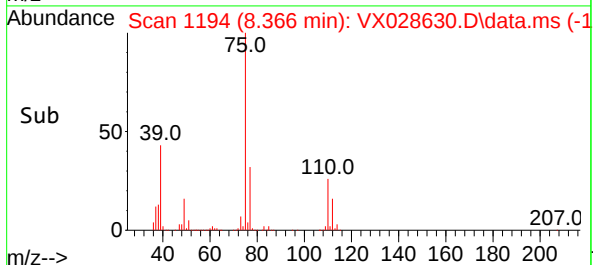
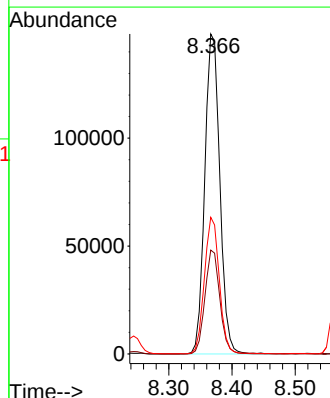
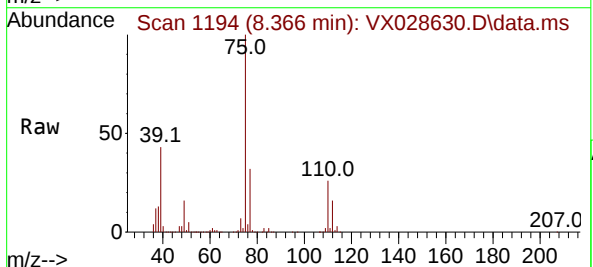
Tgt Ion: 75 Resp: 246100

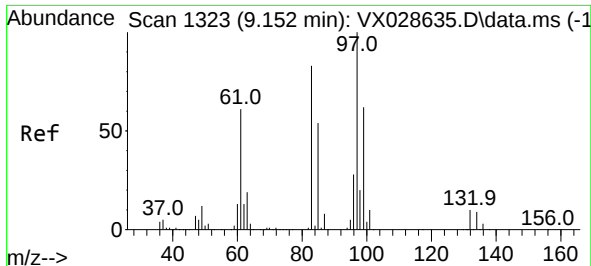
Ion Ratio Lower Upper

75 100

77 32.5 25.4 38.2

39 42.6 35.0 52.6





#55

1,1,2-Trichloroethane

Concen: 51.119 ug/l

RT: 9.153 min Scan# 1323

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 97 Resp: 182448

Ion Ratio Lower Upper

97 100

83 82.1 65.4 98.0

85 53.2 42.7 64.1

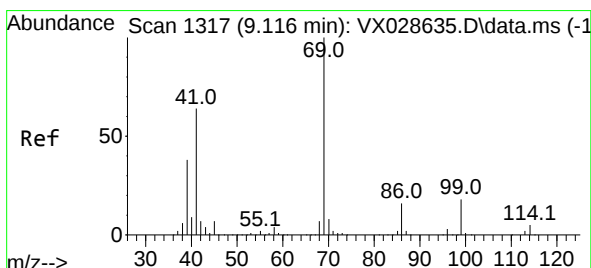
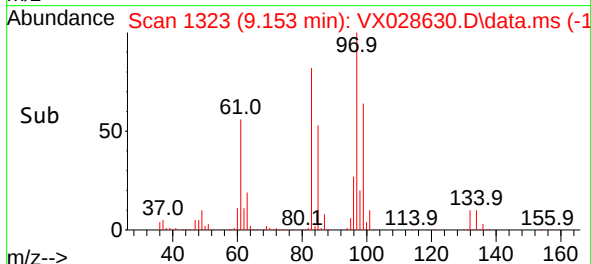
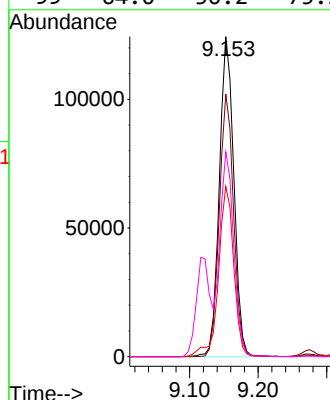
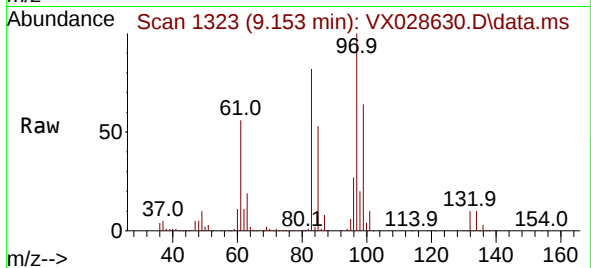
99 64.0 50.2 75.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#56

Ethyl methacrylate

Concen: 54.426 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

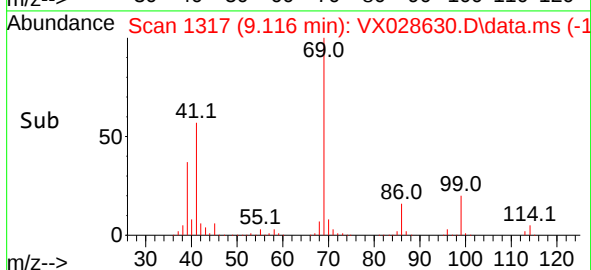
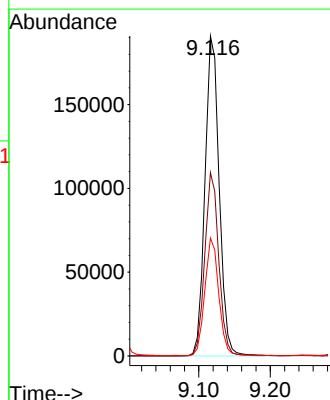
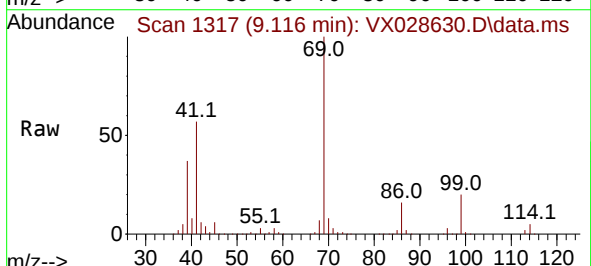
Tgt Ion: 69 Resp: 264067

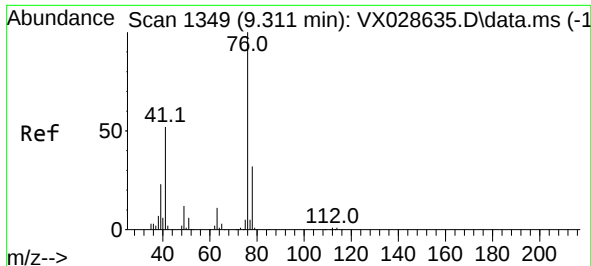
Ion Ratio Lower Upper

69 100

41 56.4 44.7 67.1

39 36.2 28.2 42.4





#57

1,3-Dichloropropane

Concen: 50.948 ug/l

RT: 9.311 min Scan# 1134

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 76 Resp: 280424

Ion Ratio Lower Upper

76 100

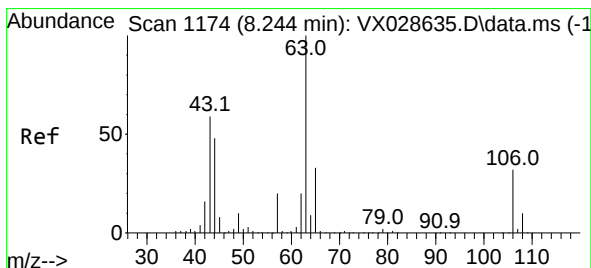
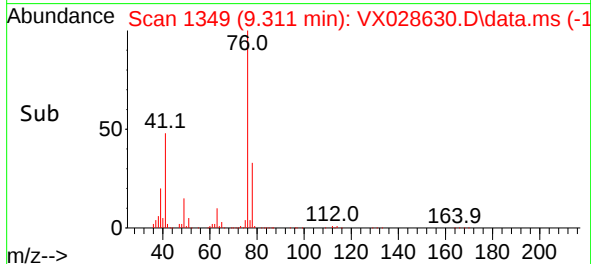
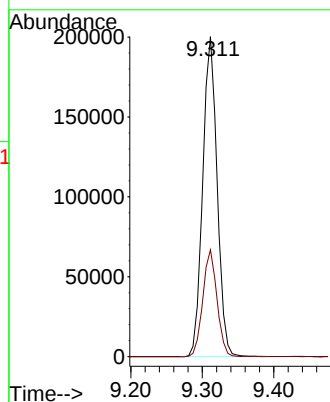
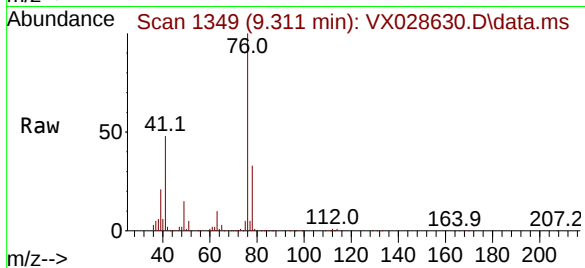
78 32.8 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#58

2-Chloroethyl Vinyl ether

Concen: 259.173 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. -0.000 min

Lab File: VX028630.D

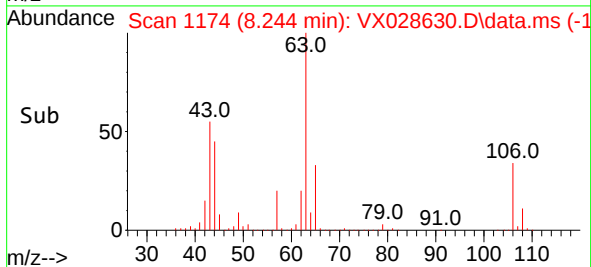
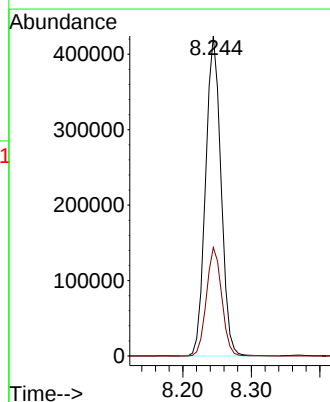
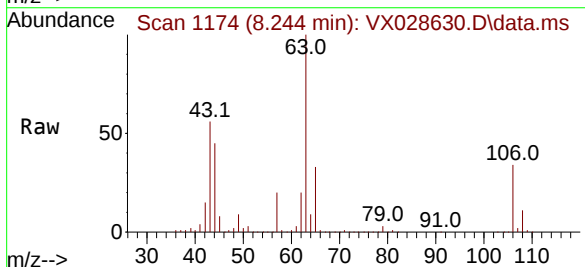
Acq: 11 May 2022 19:19

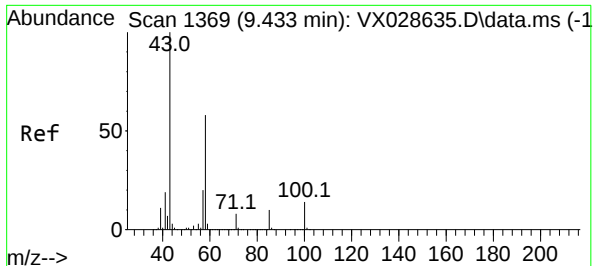
Tgt Ion: 63 Resp: 663522

Ion Ratio Lower Upper

63 100

106 33.6 26.7 40.1





#59

2-Hexanone

Concen: 270.845 ug/l

RT: 9.433 min Scan# 1369

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 43 Resp: 922110

Ion Ratio Lower Upper

43 100

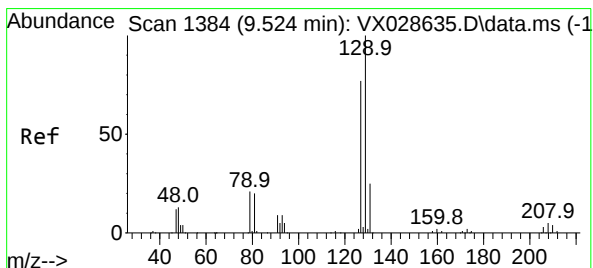
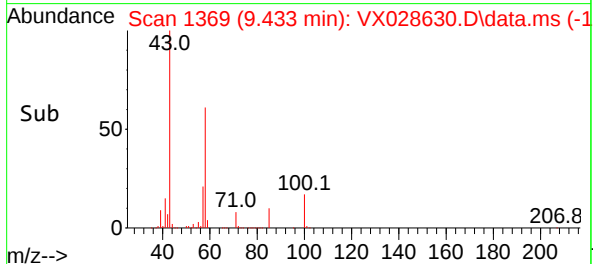
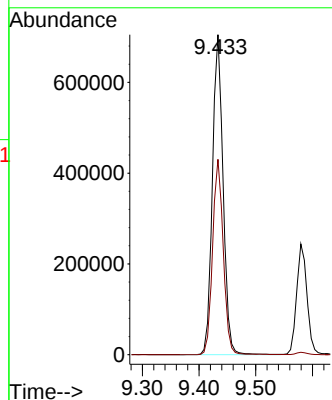
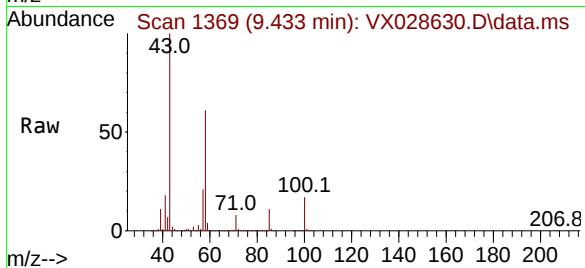
58 61.1 30.3 90.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#60

Dibromochloromethane

Concen: 54.210 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. -0.000 min

Lab File: VX028630.D

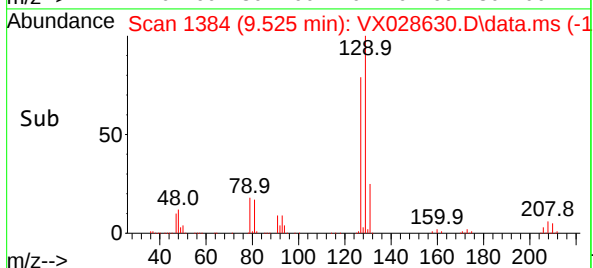
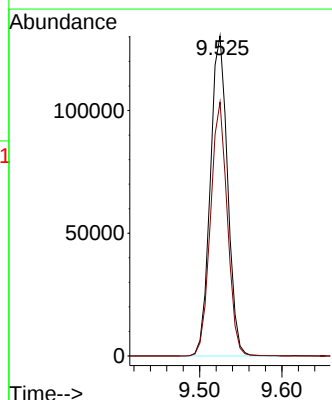
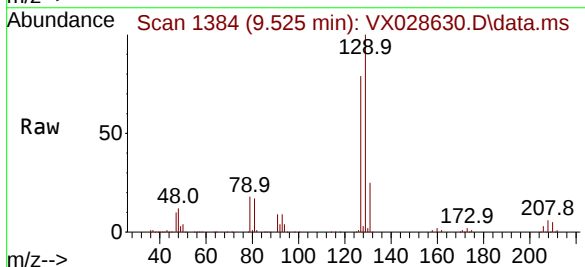
Acq: 11 May 2022 19:19

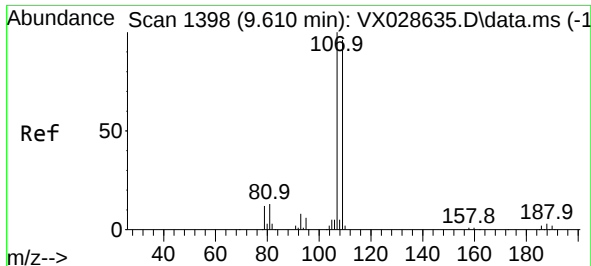
Tgt Ion:129 Resp: 190216

Ion Ratio Lower Upper

129 100

127 77.3 38.4 115.1





#61

1,2-Dibromoethane

Concen: 51.376 ug/l

RT: 9.610 min Scan# 1398

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion:107 Resp: 185928

Ion Ratio Lower Upper

107 100

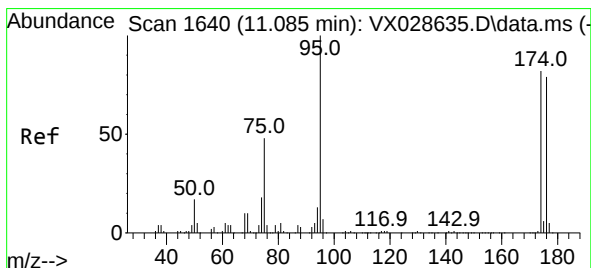
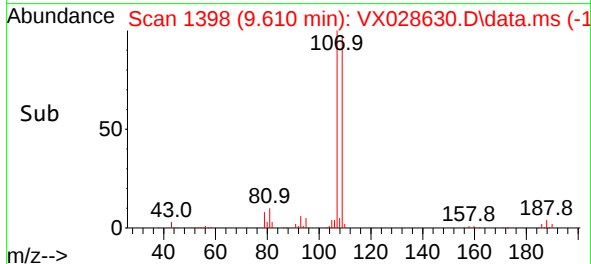
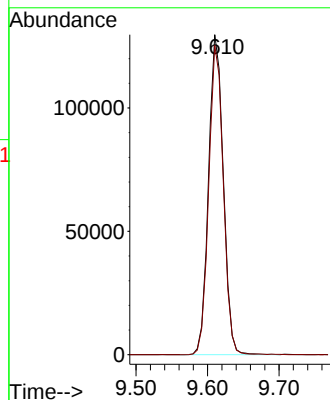
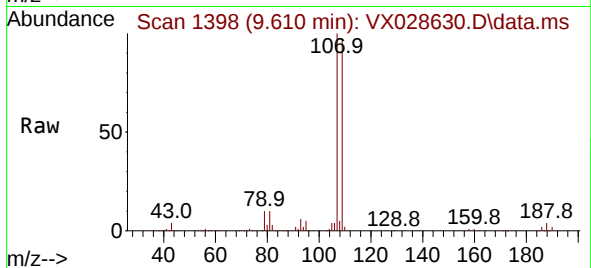
109 95.3 76.1 114.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#62

4-Bromofluorobenzene

Concen: 48.816 ug/l

RT: 11.085 min Scan# 1640

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

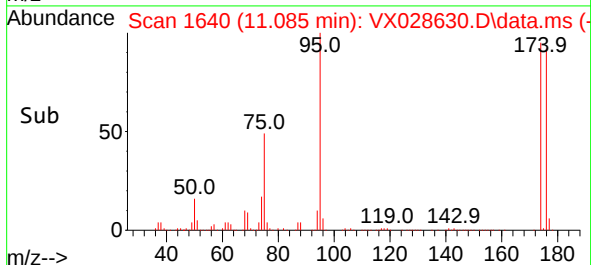
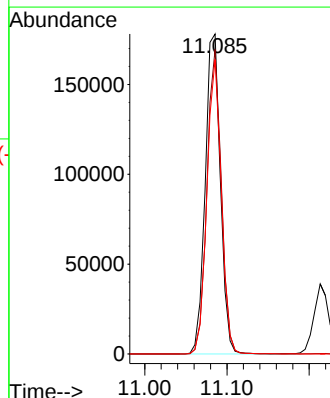
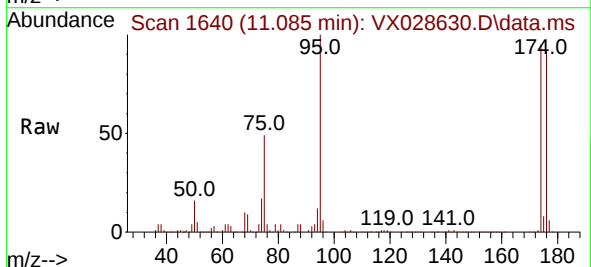
Tgt Ion: 95 Resp: 228020

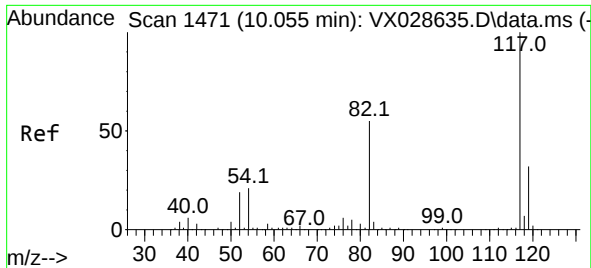
Ion Ratio Lower Upper

95 100

174 90.4 0.0 177.2

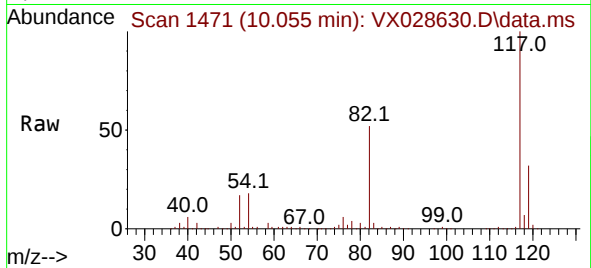
176 87.5 0.0 172.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

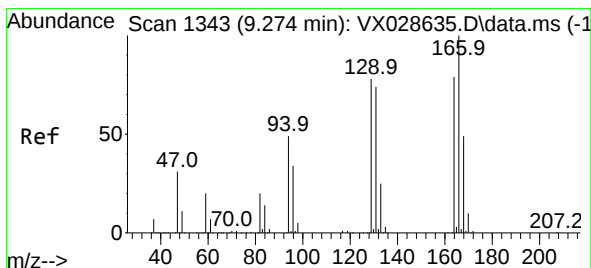
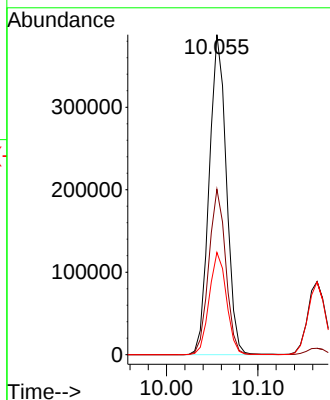
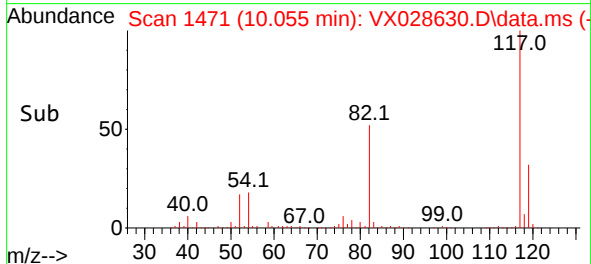
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



Tgt Ion:117 Resp: 505469
Ion Ratio Lower Upper
117 100
82 51.7 41.7 62.5
119 32.0 26.2 39.4

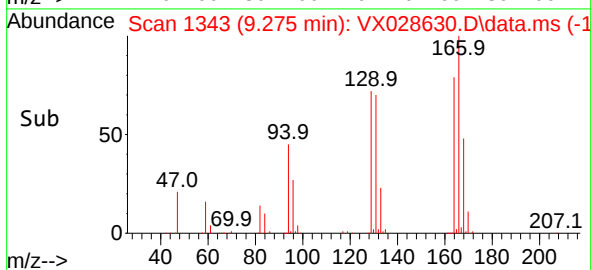
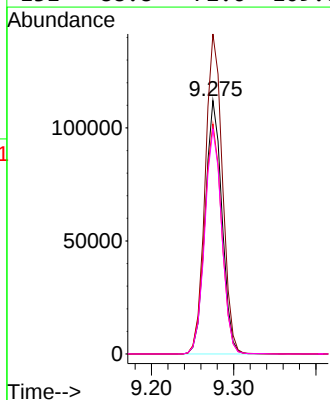
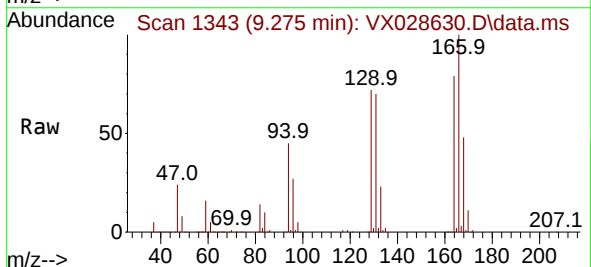
Manual Integrations
APPROVED

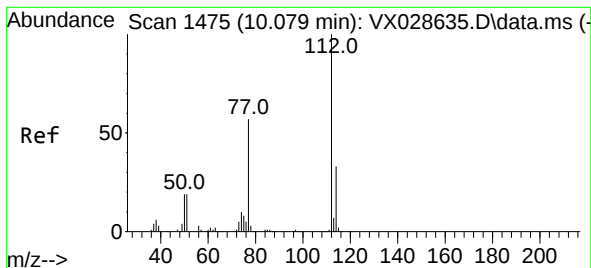
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#64
Tetrachloroethene
Concen: 47.287 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion:164 Resp: 159009
Ion Ratio Lower Upper
164 100
166 126.3 103.2 154.8
129 90.7 72.6 109.0
131 88.8 72.6 109.0





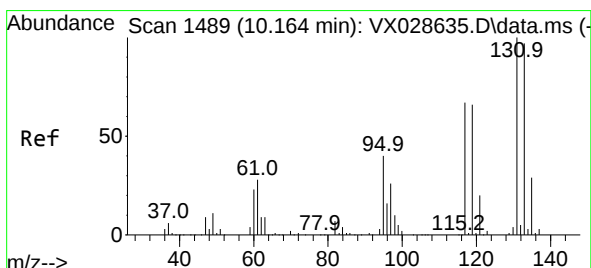
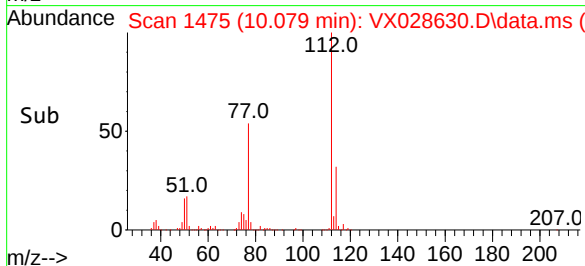
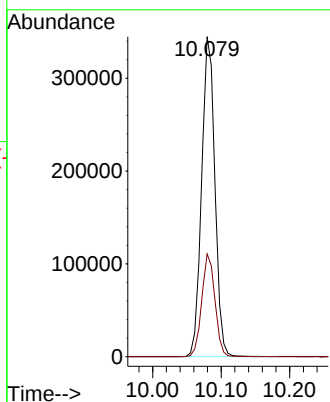
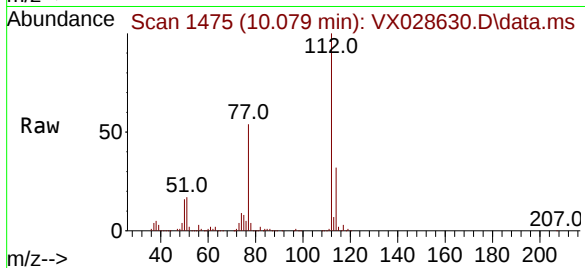
#65
Chlorobenzene
Concen: 49.799 ug/l
RT: 10.079 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion:112 Resp: 46496
Ion Ratio Lower Upper
112 100
114 32.1 25.5 38.3

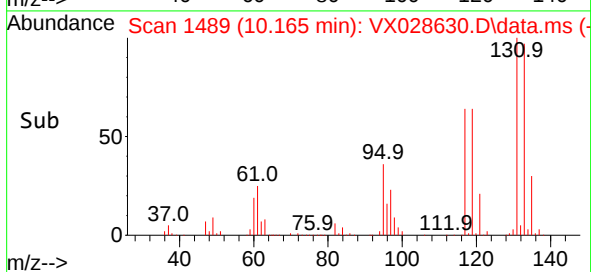
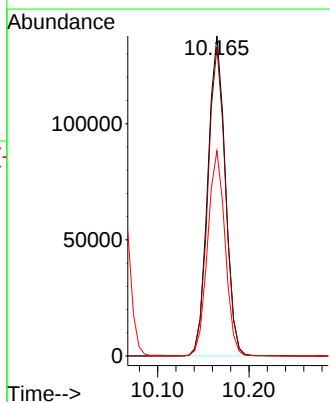
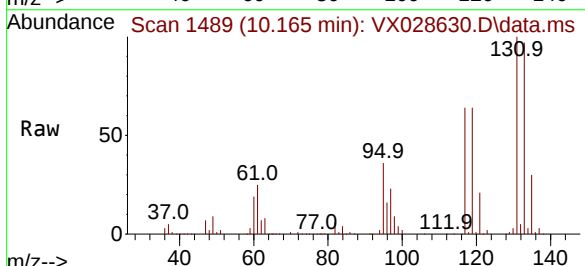
Manual Integrations
APPROVED

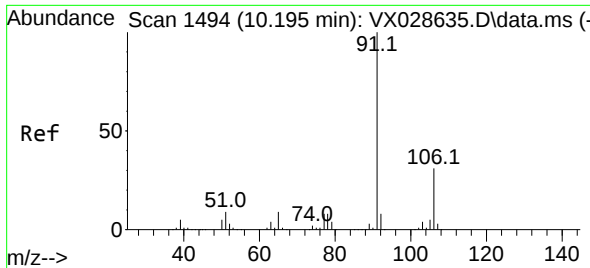
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#66
1,1,1,2-Tetrachloroethane
Concen: 53.891 ug/l
RT: 10.165 min Scan# 1489
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

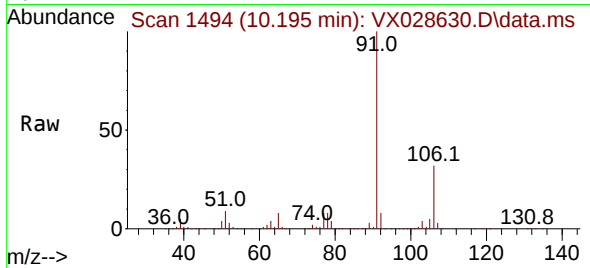
Tgt Ion:131 Resp: 182743
Ion Ratio Lower Upper
131 100
133 96.3 47.6 142.9
119 64.0 32.0 96.2





#67
Ethyl Benzene
Concen: 50.989 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

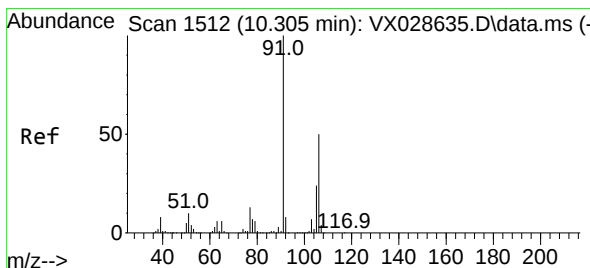
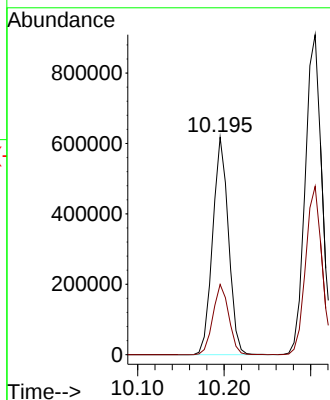
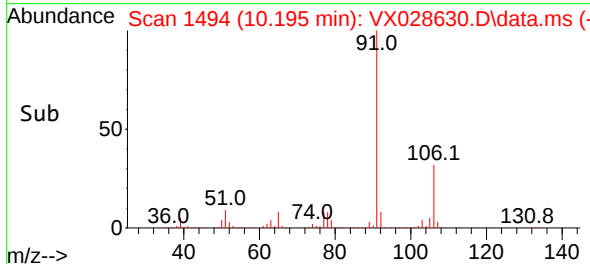
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



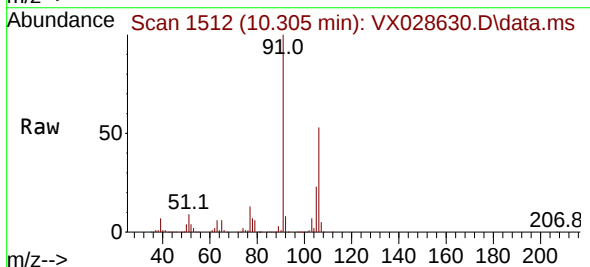
Tgt Ion: 91 Resp: 78189
Ion Ratio Lower Upper
91 100
106 32.3 25.9 38.9

Manual Integrations
APPROVED

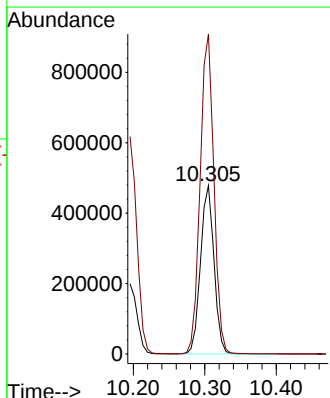
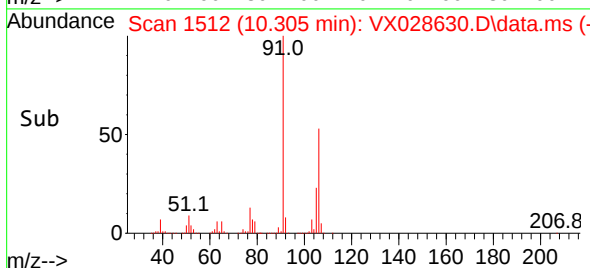
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

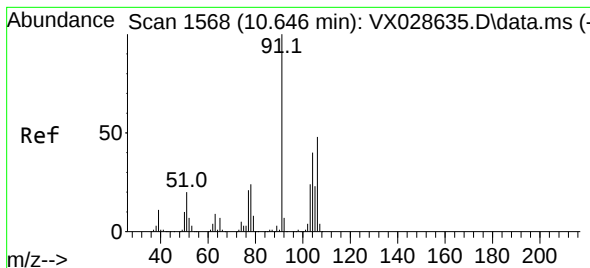


#68
m/p-Xylenes
Concen: 101.815 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion:106 Resp: 626343
Ion Ratio Lower Upper
106 100
91 193.6 154.6 232.0





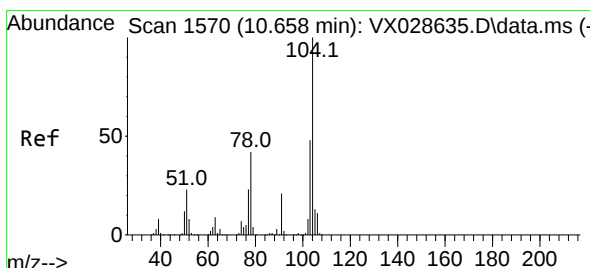
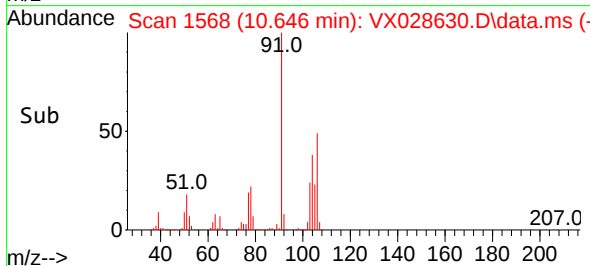
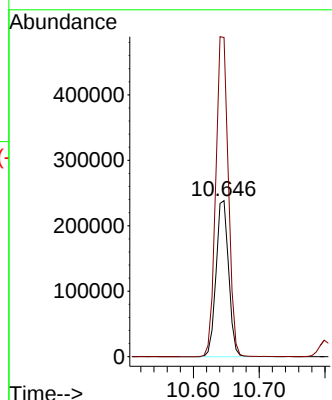
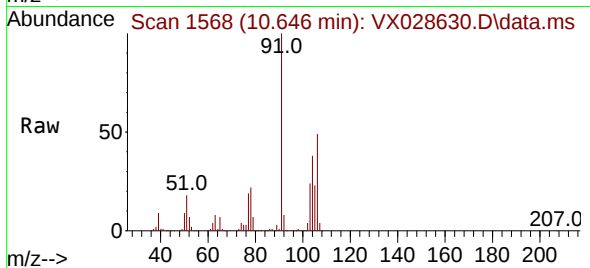
#69
o-Xylene
Concen: 51.422 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion:106 Resp: 316604
Ion Ratio Lower Upper
106 100
91 206.2 103.1 309.1

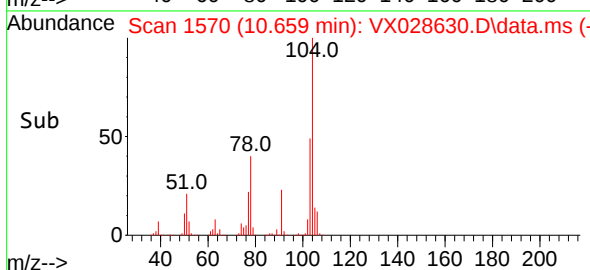
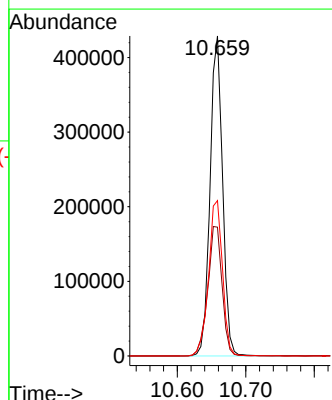
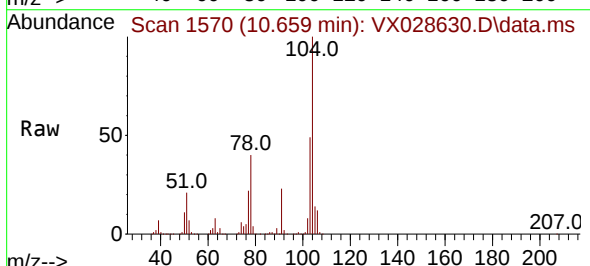
Manual Integrations
APPROVED

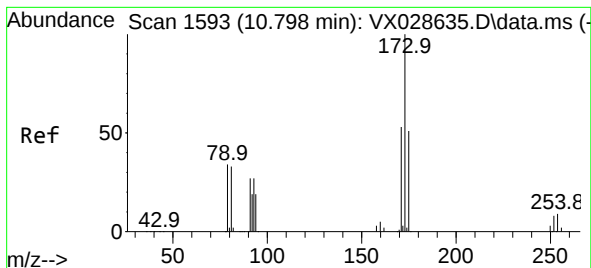
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#70
Styrene
Concen: 53.873 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Tgt Ion:104 Resp: 546478
Ion Ratio Lower Upper
104 100
78 46.3 37.0 55.6
103 54.2 43.6 65.4





#71

Bromoform

Concen: 48.209 ug/l

RT: 10.799 min Scan# 1593

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion:173 Resp: 148740

Ion Ratio Lower Upper

173 100

175 48.2 24.0 72.0

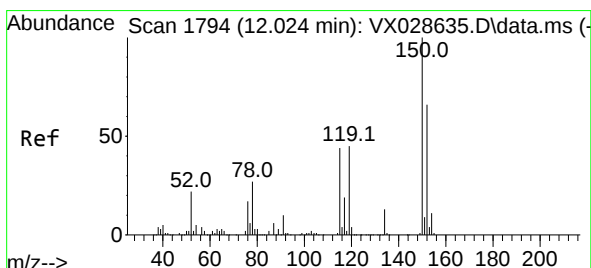
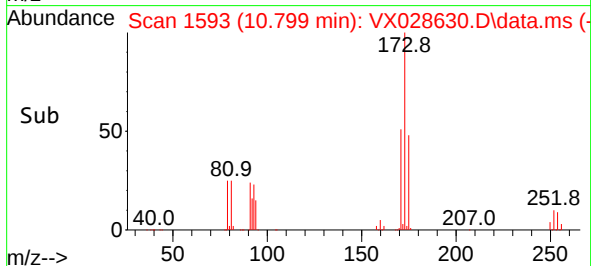
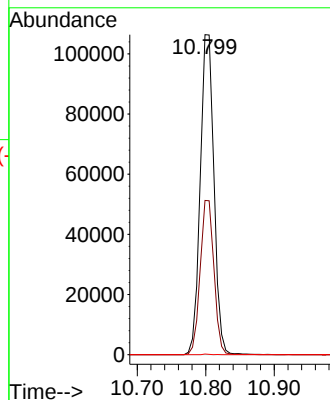
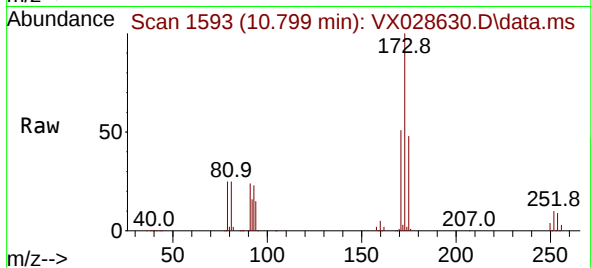
254 0.1 0.1 0.1

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

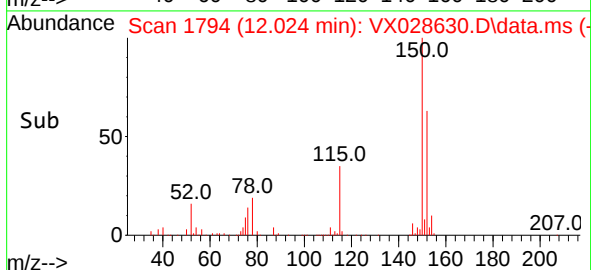
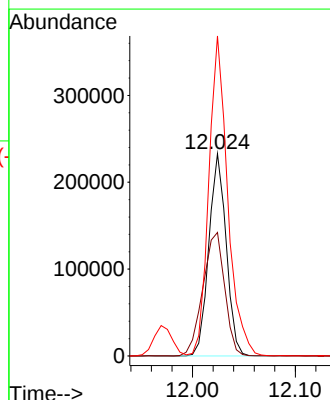
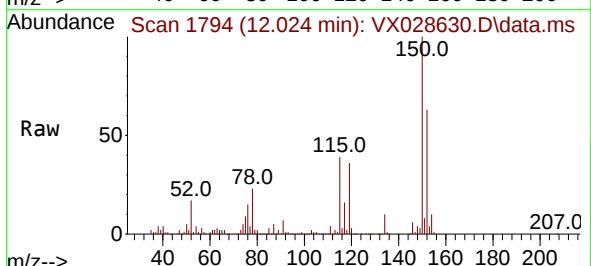
Tgt Ion:152 Resp: 273098

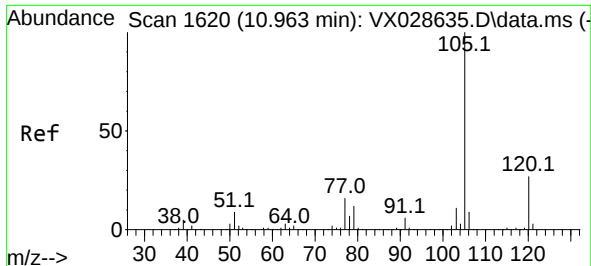
Ion Ratio Lower Upper

152 100

115 77.1 38.0 114.1

150 171.8 0.0 343.4





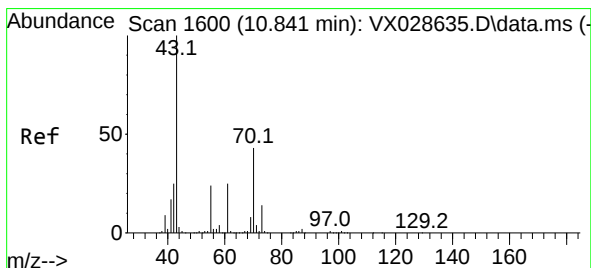
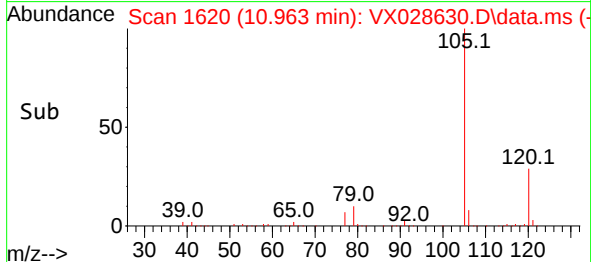
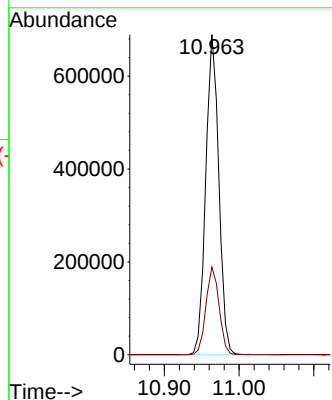
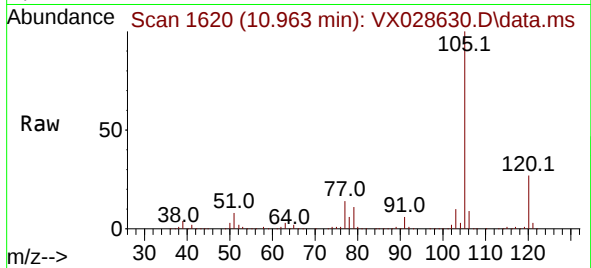
#73
Isopropylbenzene
Concen: 50.440 ug/l
RT: 10.963 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion:105 Resp: 83412
Ion Ratio Lower Upper
105 100
120 27.6 13.7 41.1

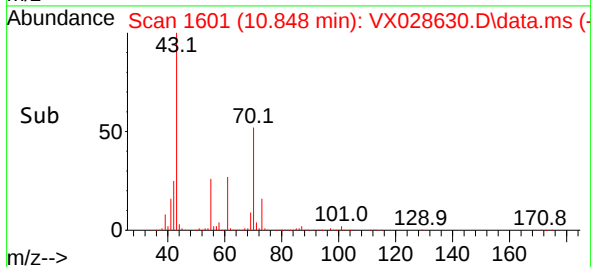
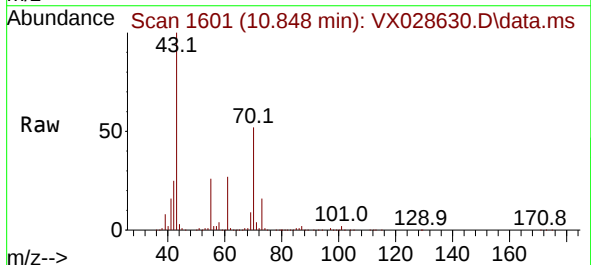
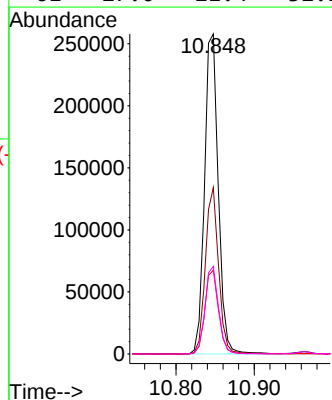
Manual Integrations
APPROVED

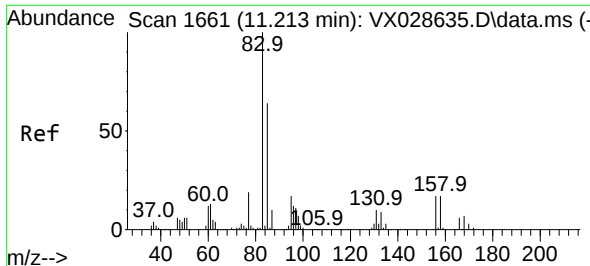
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#74
N-ethyl acetate
Concen: 55.512 ug/l
RT: 10.848 min Scan# 1601
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

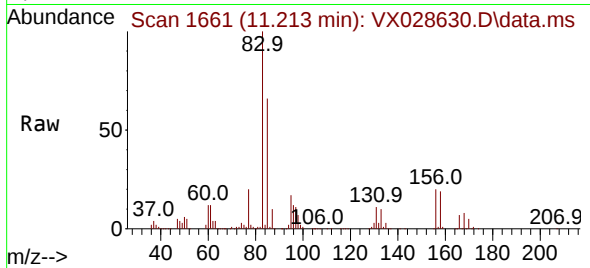
Tgt Ion: 43 Resp: 313812
Ion Ratio Lower Upper
43 100
70 50.0 40.2 60.4
55 26.1 21.2 31.8
61 27.0 21.4 32.2





#75
1,1,2,2-Tetrachloroethane
Concen: 49.967 ug/l
RT: 11.213 min Scan# 1661
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

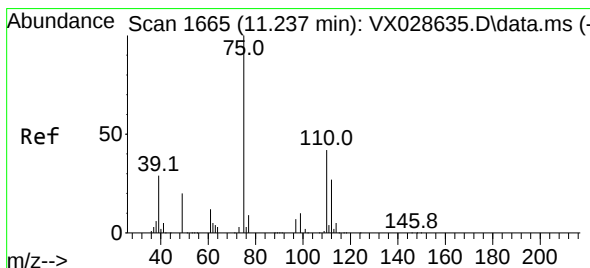
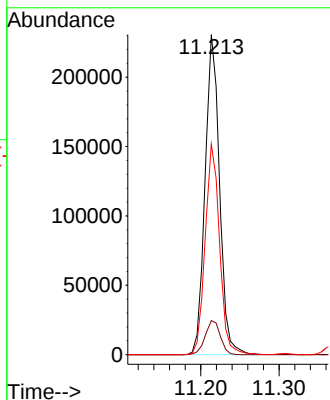
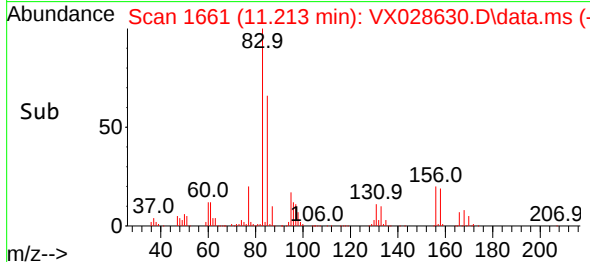
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



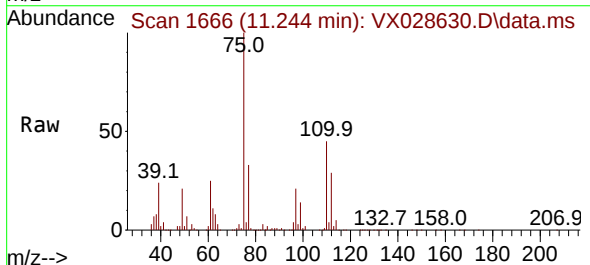
Tgt Ion: 83 Resp: 294884
Ion Ratio Lower Upper
83 100
131 11.2 5.5 16.4
85 65.5 32.3 96.8

Manual Integrations
APPROVED

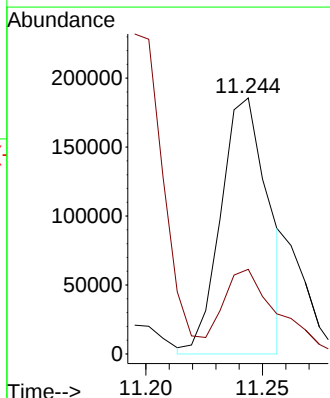
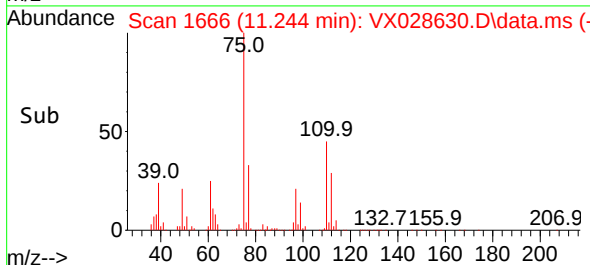
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

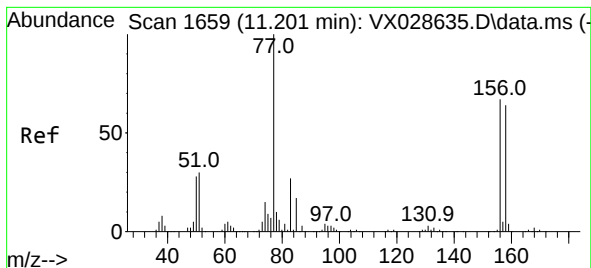


#76
1,2,3-Trichloropropane
Concen: 51.782 ug/l m
RT: 11.244 min Scan# 1666
Delta R.T. 0.006 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion: 75 Resp: 261907
Ion Ratio Lower Upper
75 100
77 38.0 18.9 56.9





#77

Bromobenzene

Concen: 50.890 ug/l

RT: 11.201 min Scan# 1659

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

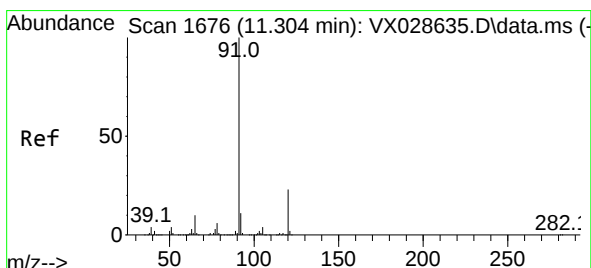
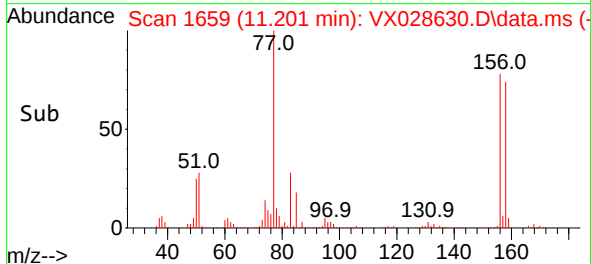
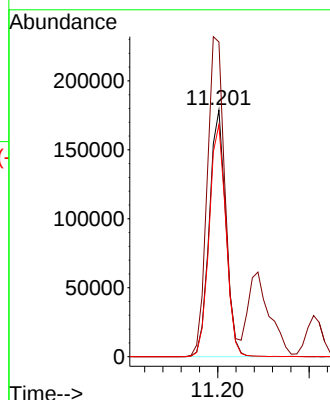
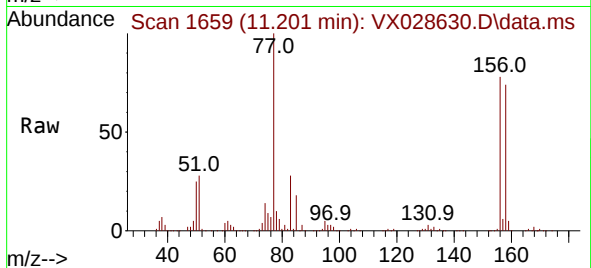
Tgt Ion:	156	Resp:	223574
Ion Ratio	Lower	Upper	
156	100		
77	139.1	70.1	210.3
158	95.5	48.4	145.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#78

n-propylbenzene

Concen: 51.690 ug/l

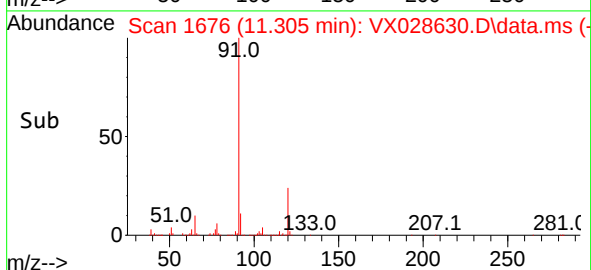
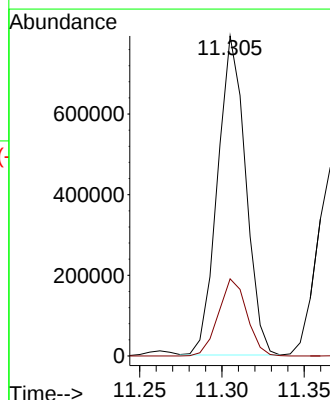
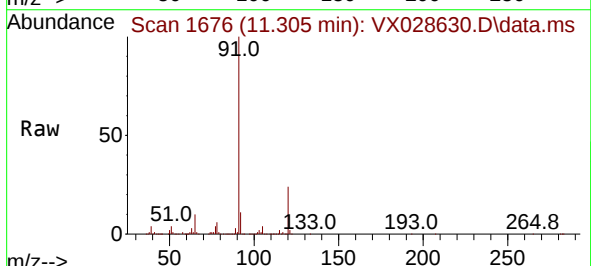
RT: 11.305 min Scan# 1676

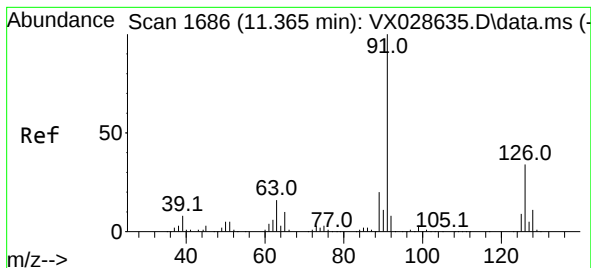
Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Tgt Ion:	91	Resp:	939585
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.4	37.2





#79

2-Chlorotoluene

Concen: 49.635 ug/l

RT: 11.366 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 91 Resp: 572789

Ion Ratio Lower Upper

91 100

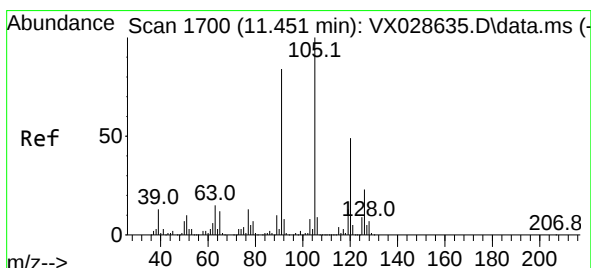
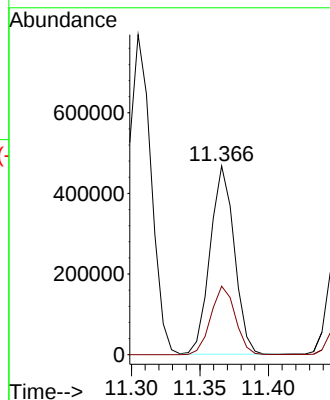
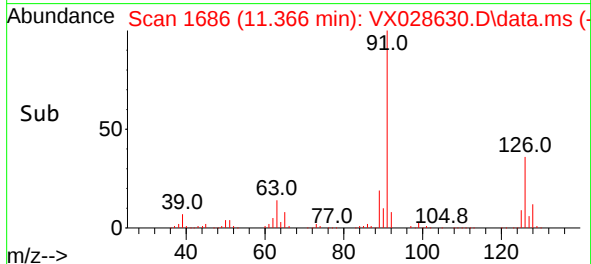
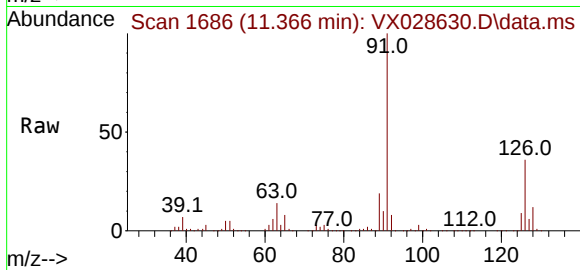
126 36.7 18.4 55.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#80

1,3,5-Trimethylbenzene

Concen: 51.815 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. -0.000 min

Lab File: VX028630.D

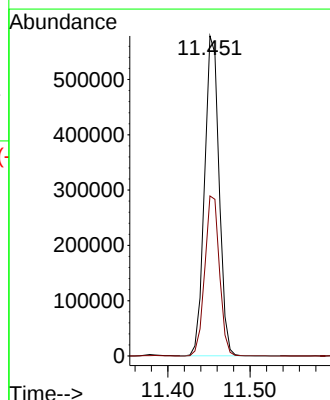
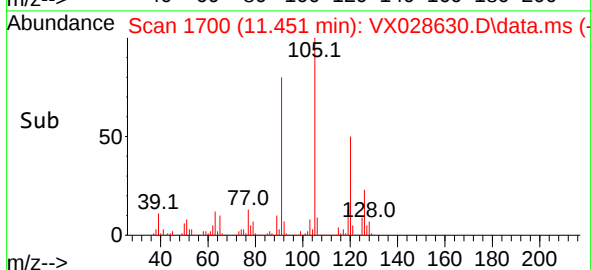
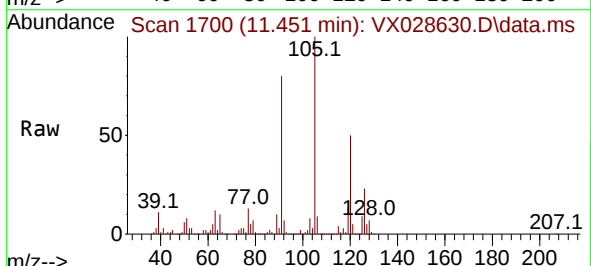
Acq: 11 May 2022 19:19

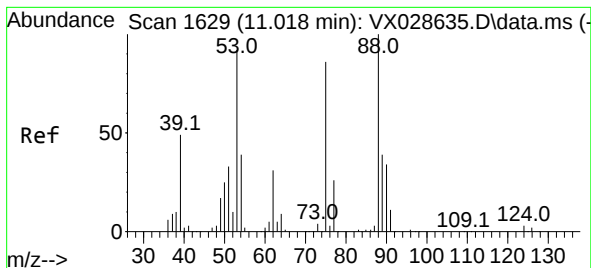
Tgt Ion:105 Resp: 711178

Ion Ratio Lower Upper

105 100

120 50.5 25.5 76.5





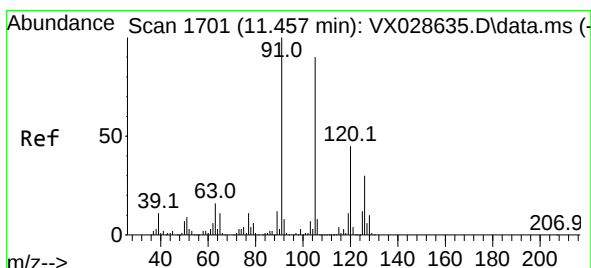
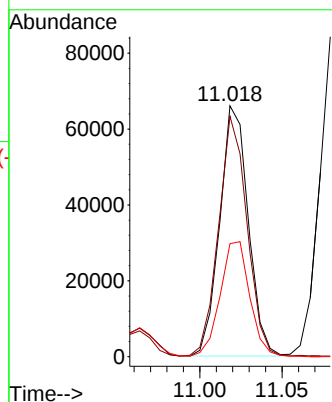
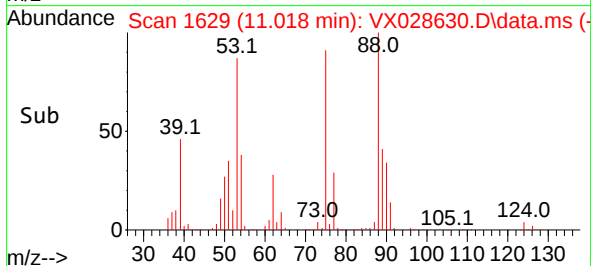
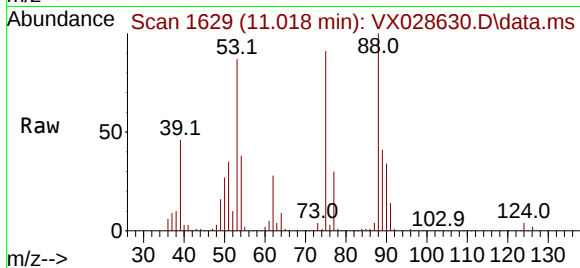
#81
trans-1,4-Dichloro-2-butene
Concen: 48.603 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. -0.007 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050

Tgt Ion: 75 Resp: 79609
Ion Ratio Lower Upper
75 100
53 95.5 77.5 116.3
89 47.8 37.6 56.4

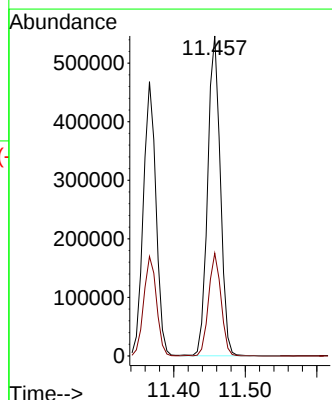
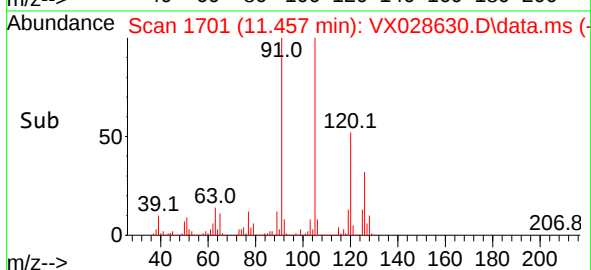
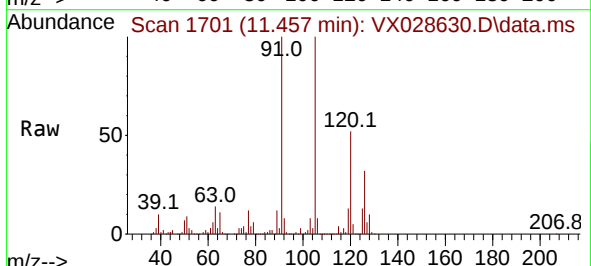
Manual Integrations
APPROVED

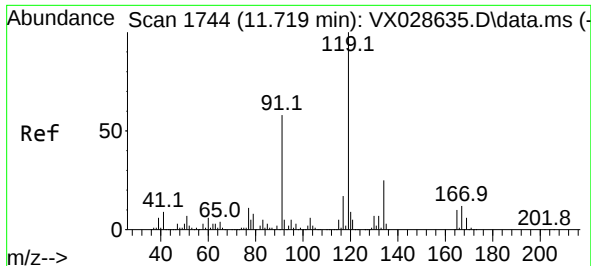
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022



#82
4-Chlorotoluene
Concen: 51.576 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

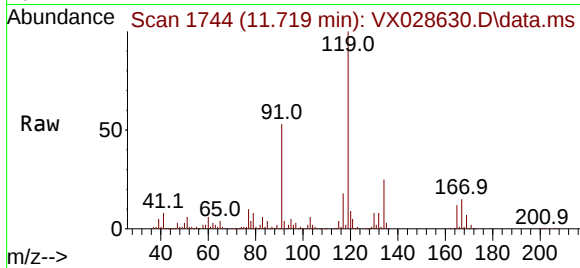
Tgt Ion: 91 Resp: 671970
Ion Ratio Lower Upper
91 100
126 31.7 16.0 47.9





#83
tert-Butylbenzene
Concen: 52.791 ug/l
RT: 11.719 min Scan# 11744
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

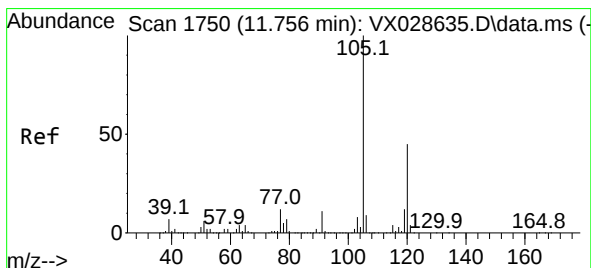
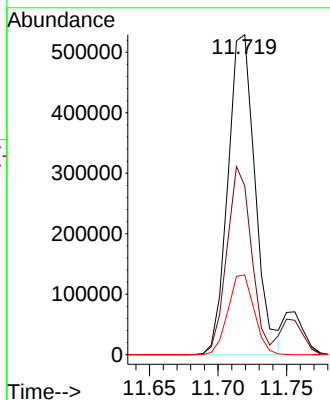
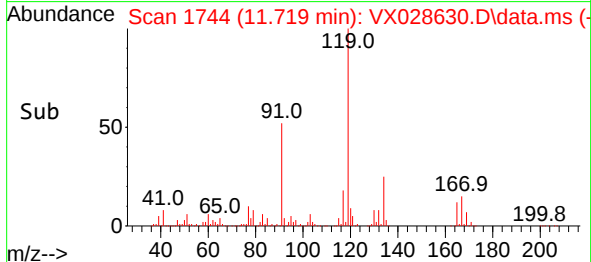
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



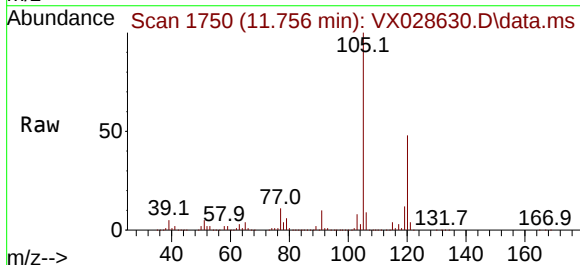
Tgt Ion:119 Resp: 734414
Ion Ratio Lower Upper
119 100
91 53.4 27.2 81.6
134 23.9 12.0 36.0

Manual Integrations
APPROVED

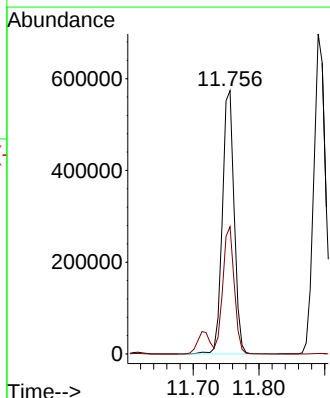
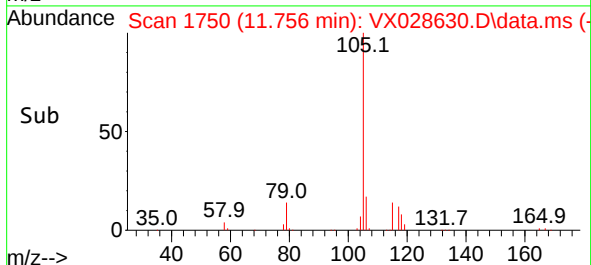
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

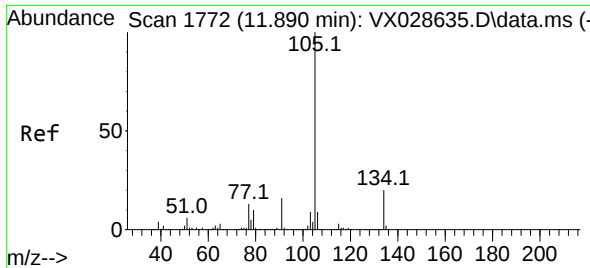


#84
1,2,4-Trimethylbenzene
Concen: 52.253 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



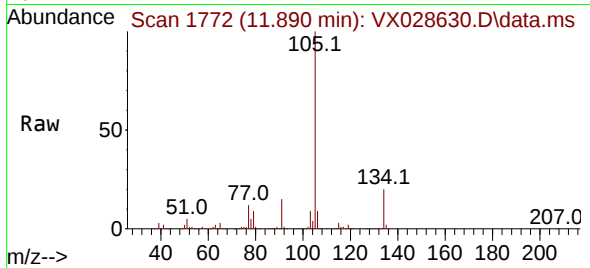
Tgt Ion:105 Resp: 716545
Ion Ratio Lower Upper
105 100
120 46.9 23.4 70.3





#85
 sec-Butylbenzene
 Concen: 52.244 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. -0.000 min
 Lab File: VX028630.D
 Acq: 11 May 2022 19:19

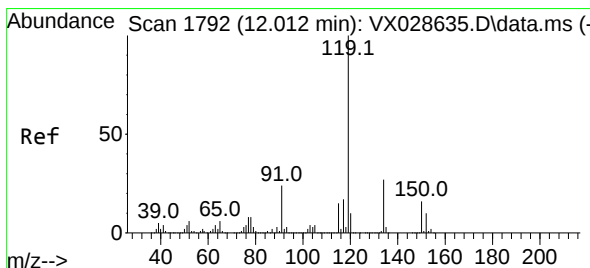
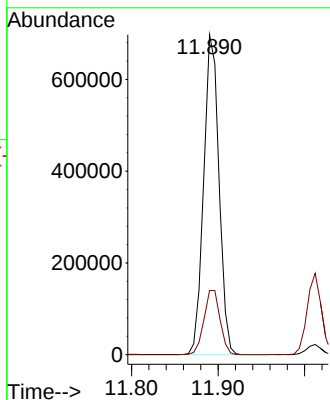
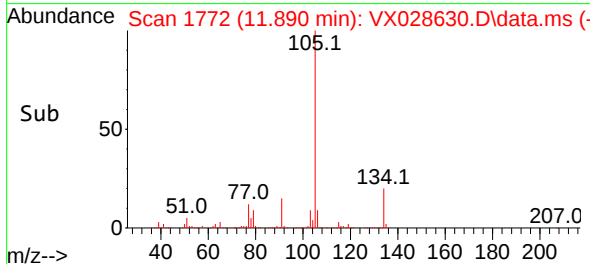
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDICV050



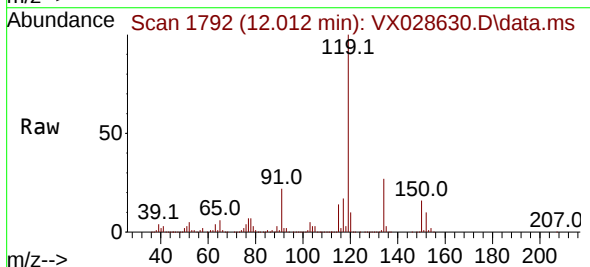
Tgt Ion:105 Resp: 857248
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.7 31.9

Manual Integrations
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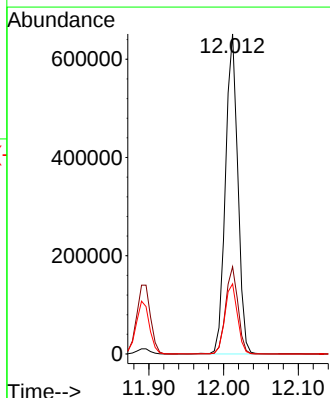
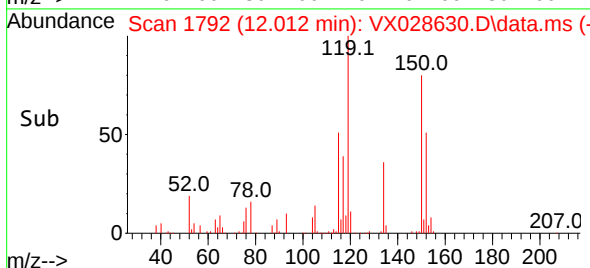
Reviewed By :John Carlone 05/12/2022
 Supervised By :Mahesh Dadoda 05/13/2022

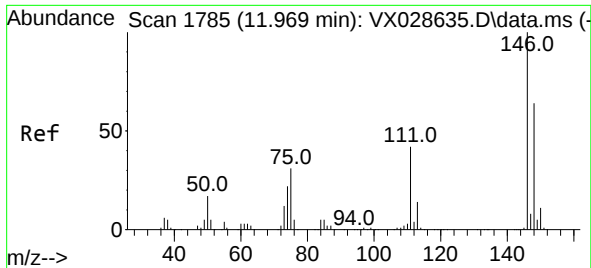


#86
 p-Isopropyltoluene
 Concen: 52.914 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. -0.000 min
 Lab File: VX028630.D
 Acq: 11 May 2022 19:19



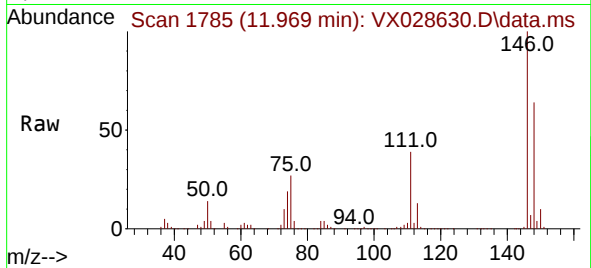
Tgt Ion:119 Resp: 747842
 Ion Ratio Lower Upper
 119 100
 134 27.2 13.4 40.2
 91 22.3 11.2 33.6





#87
1,3-Dichlorobenzene
Concen: 51.604 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

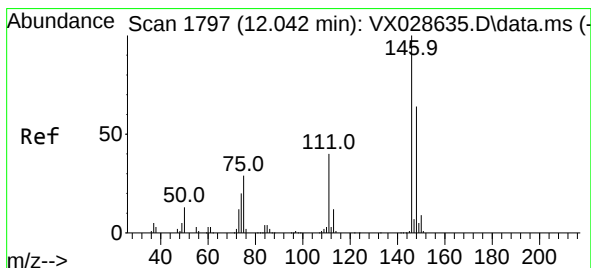
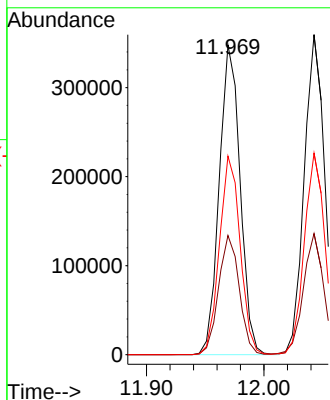
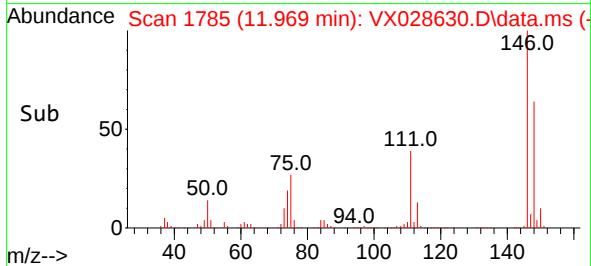
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



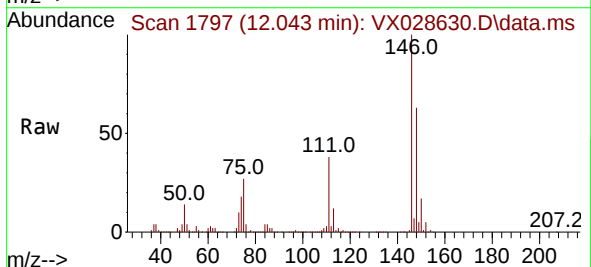
Tgt Ion:146 Resp: 430384
Ion Ratio Lower Upper
146 100
111 38.2 19.3 57.9
148 63.7 31.6 94.7

Manual Integrations
APPROVED

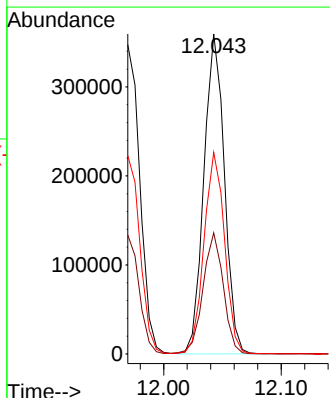
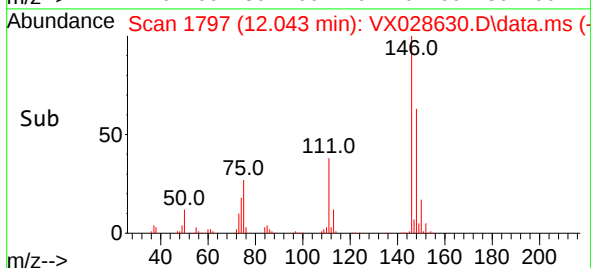
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

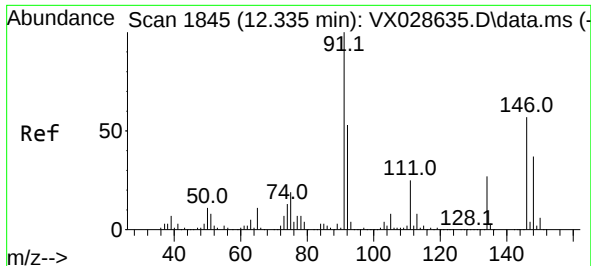


#88
1,4-Dichlorobenzene
Concen: 51.098 ug/l
RT: 12.043 min Scan# 1797
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion:146 Resp: 435175
Ion Ratio Lower Upper
146 100
111 37.6 18.7 56.1
148 63.5 32.3 96.9





#89

n-Butylbenzene

Concen: 52.802 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

Tgt Ion: 91 Resp: 607310

Ion Ratio Lower Upper

91 100

92 54.3 27.1 81.2

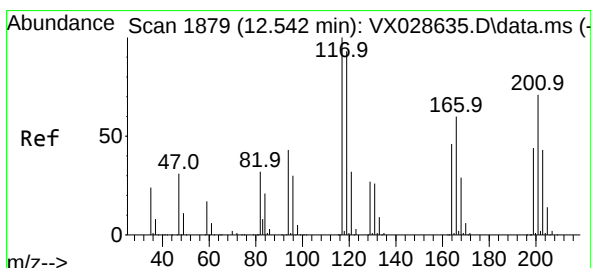
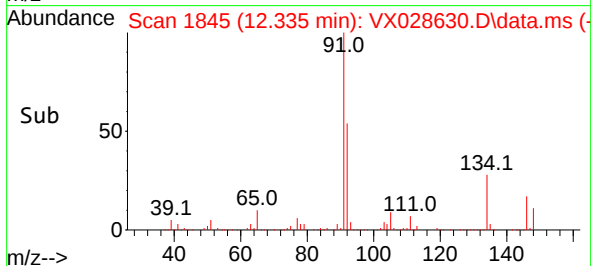
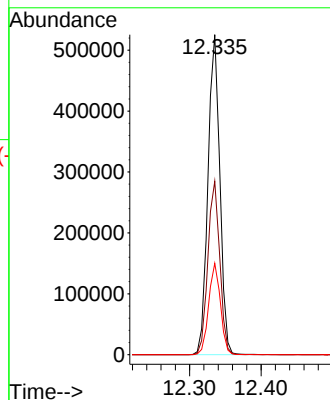
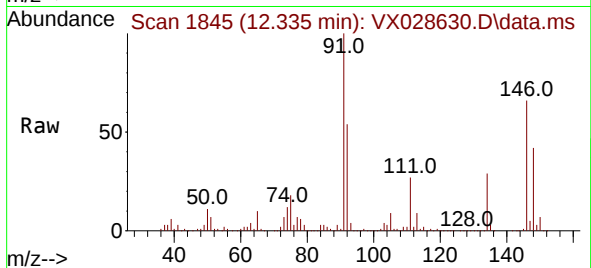
134 28.2 14.0 42.0

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#90

Hexachloroethane

Concen: 53.404 ug/l

RT: 12.542 min Scan# 1879

Delta R.T. -0.001 min

Lab File: VX028630.D

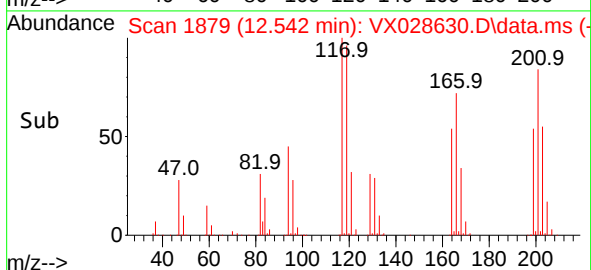
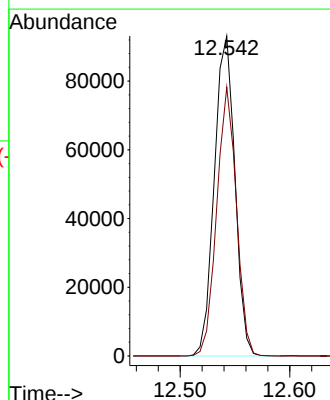
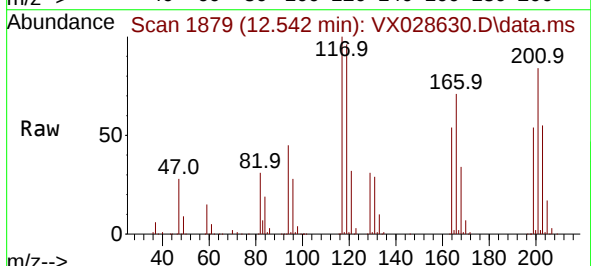
Acq: 11 May 2022 19:19

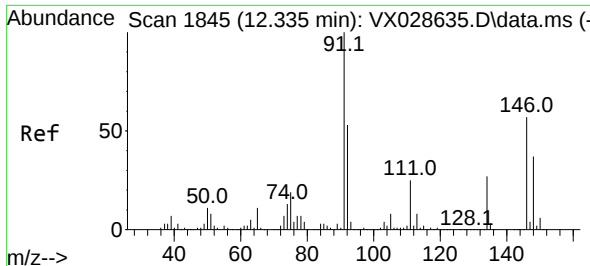
Tgt Ion:117 Resp: 121468

Ion Ratio Lower Upper

117 100

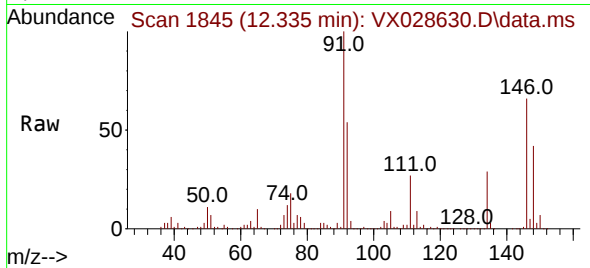
201 80.5 39.9 119.7





#91
1,2-Dichlorobenzene
Concen: 51.341 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

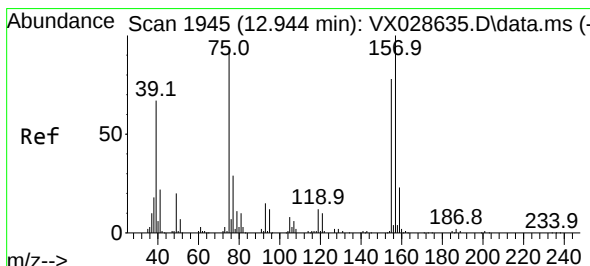
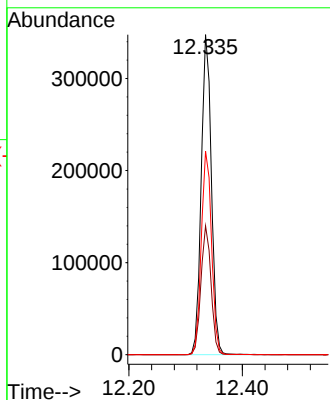
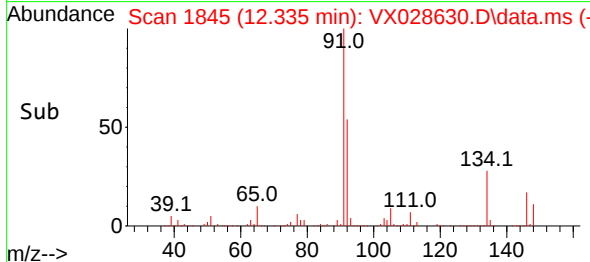
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



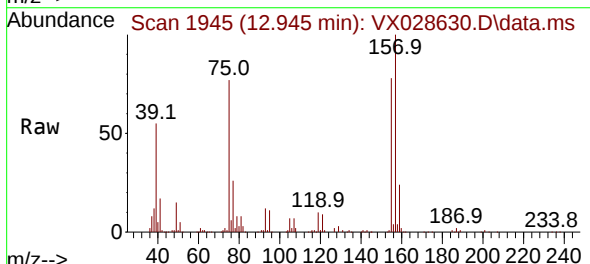
Tgt Ion:146 Resp: 43448
Ion Ratio Lower Upper
146 100
111 40.0 20.1 60.2
148 64.1 31.9 95.7

Manual Integrations
APPROVED

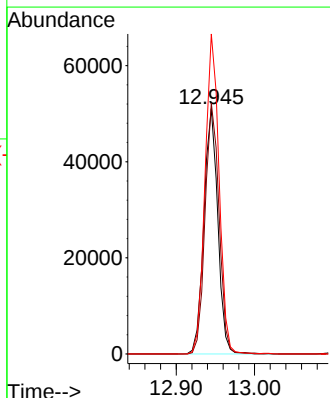
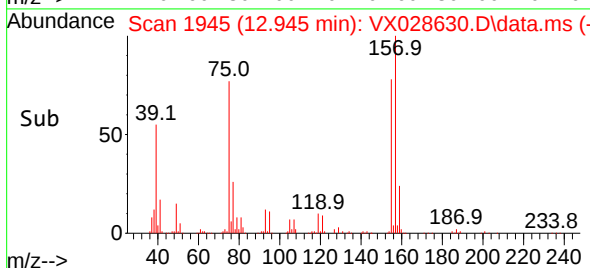
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

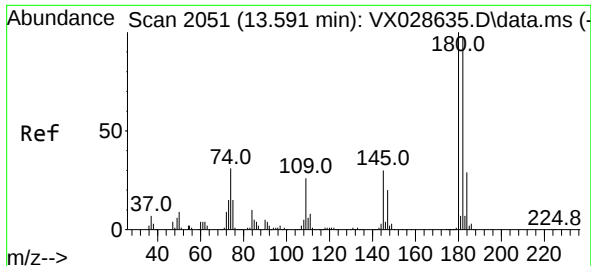


#92
1,2-Dibromo-3-Chloropropane
Concen: 52.467 ug/l
RT: 12.945 min Scan# 1945
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



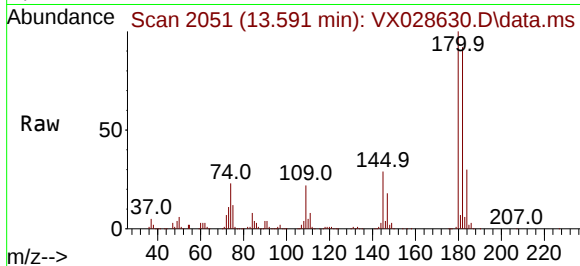
Tgt Ion: 75 Resp: 62849
Ion Ratio Lower Upper
75 100
155 102.2 50.8 152.5
157 131.4 62.7 188.2





#93
1,2,4-Trichlorobenzene
Concen: 52.958 ug/l
RT: 13.591 min Scan# 2051
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19

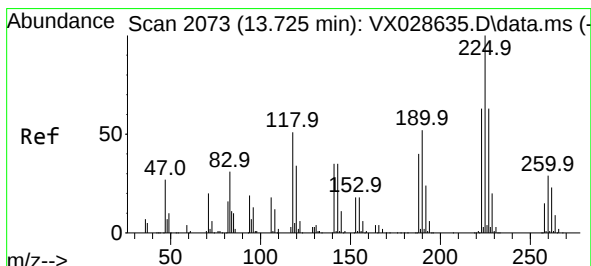
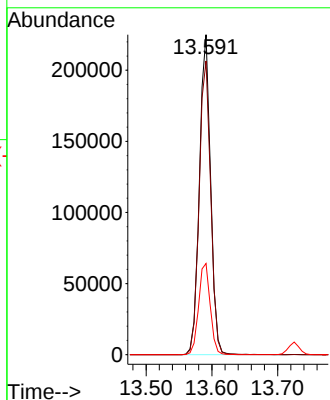
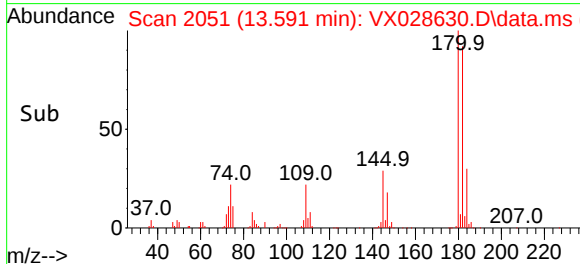
Instrument :
MSVOA_X
ClientSampleId :
VSTDICV050



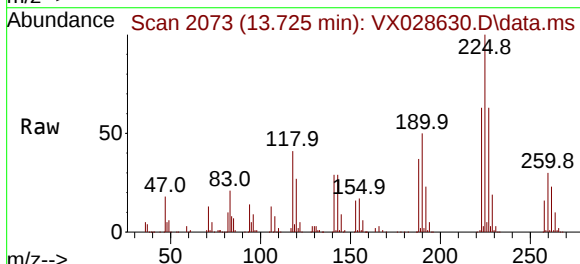
Tgt Ion:180 Resp: 26611
Ion Ratio Lower Upper
180 100
182 94.7 48.1 144.4
145 29.5 15.0 45.0

Manual Integrations
APPROVED

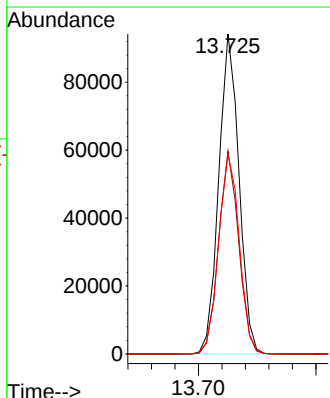
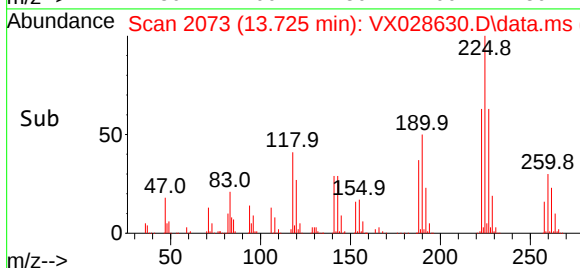
Reviewed By :John Carlone 05/12/2022
Supervised By :Mahesh Dadoda 05/13/2022

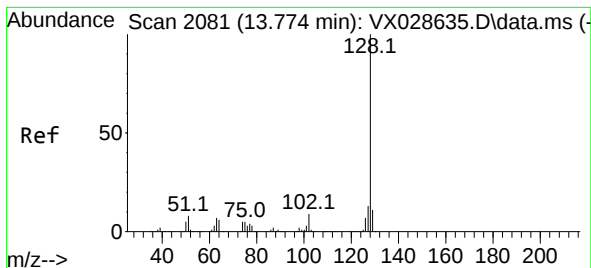


#94
Hexachlorobutadiene
Concen: 51.771 ug/l
RT: 13.725 min Scan# 2073
Delta R.T. -0.000 min
Lab File: VX028630.D
Acq: 11 May 2022 19:19



Tgt Ion:225 Resp: 112678
Ion Ratio Lower Upper
225 100
223 62.7 31.0 93.0
227 63.8 31.9 95.5





#95

Naphthalene

Concen: 54.823 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Instrument :

MSVOA_X

ClientSampleId :

VSTDICV050

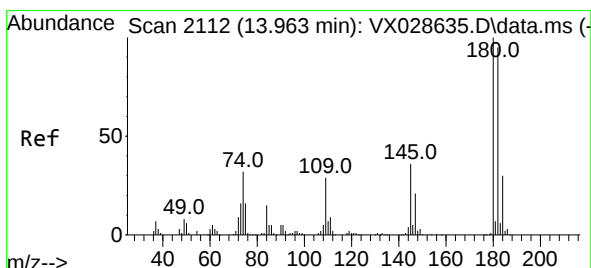
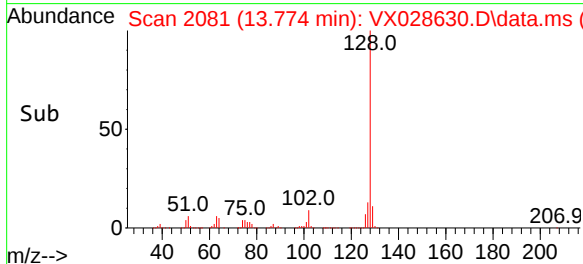
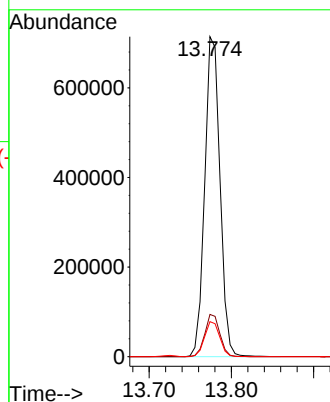
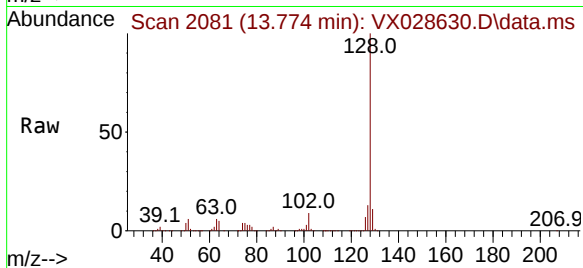
Tgt Ion:128 Resp: 920362
 Ion Ratio Lower Upper
 128 100
 127 13.0 10.4 15.6
 129 11.0 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/12/2022

Supervised By :Mahesh Dadoda 05/13/2022



#96

1,2,3-Trichlorobenzene

Concen: 51.620 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028630.D

Acq: 11 May 2022 19:19

Tgt Ion:180 Resp: 263381
 Ion Ratio Lower Upper
 180 100
 182 94.5 47.0 141.0
 145 31.9 15.4 46.4

