

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX052322\
 Data File : VX028887.D
 Acq On : 23 May 2022 12:17
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

Quant Time: Jun 08 09:44:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	281777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	455870	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	409294	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	216258	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	204530	52.953	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.900%	
35) Dibromofluoromethane	5.385	113	164602	55.110	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 110.220%	
50) Toluene-d8	8.653	98	583609	51.827	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	11.079	95	236256	56.172	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 112.340%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.166	85	179295	48.595	ug/l	99
3) Chloromethane	1.288	50	150321	43.261	ug/l	99
4) Vinyl Chloride	1.374	62	168240	44.929	ug/l	100
5) Bromomethane	1.605	94	124420	46.613	ug/l	98
6) Chloroethane	1.685	64	108826	45.958	ug/l	100
7) Trichlorofluoromethane	1.886	101	274154	45.922	ug/l	98
8) Diethyl Ether	2.136	74	97848	44.980	ug/l	94
9) 1,1,2-Trichlorotrifluo...	2.331	101	154997	49.337	ug/l	98
10) Methyl Iodide	2.453	142	182611	48.551	ug/l	93
11) Tert butyl alcohol	2.971	59	204617	249.609	ug/l	99
12) 1,1-Dichloroethene	2.319	96	139989	48.003	ug/l	97
13) Acrolein	2.239	56	57177	90.187	ug/l	98
14) Allyl chloride	2.666	41	233138	49.845	ug/l	92
15) Acrylonitrile	3.062	53	446723	240.048	ug/l	99
16) Acetone	2.380	43	452713	273.098	ug/l	92
17) Carbon Disulfide	2.514	76	332738	44.015	ug/l	100
18) Methyl Acetate	2.703	43	206800	49.809	ug/l	96
19) Methyl tert-butyl Ether	3.117	73	544294	52.595	ug/l	98
20) Methylene Chloride	2.788	84	161906	46.554	ug/l	96
21) trans-1,2-Dichloroethene	3.093	96	155498	47.338	ug/l	99
22) Diisopropyl ether	3.757	45	492789	49.302	ug/l #	81
23) Vinyl Acetate	3.721	43	2159603	250.628	ug/l	97
24) 1,1-Dichloroethane	3.611	63	291372	50.143	ug/l	100
25) 2-Butanone	4.556	43	645445	248.053	ug/l	97
26) 2,2-Dichloropropane	4.477	77	259146	56.879	ug/l	98
27) cis-1,2-Dichloroethene	4.489	96	188213	49.058	ug/l	99
28) Bromochloromethane	4.897	49	117516	48.046	ug/l	98
29) Tetrahydrofuran	5.007	42	392653	232.152	ug/l	95
30) Chloroform	5.093	83	322487	51.279	ug/l	98
31) Cyclohexane	5.470	56	248029	46.262	ug/l	99
32) 1,1,1-Trichloroethane	5.385	97	290537	52.920	ug/l	99
36) 1,1-Dichloropropene	5.696	75	226670	50.527	ug/l	100
37) Ethyl Acetate	4.708	43	244931	52.272	ug/l	97
38) Carbon Tetrachloride	5.678	117	255692	56.635	ug/l	100
39) Methylcyclohexane	7.385	83	266698	51.839	ug/l	96
40) Benzene	6.037	78	648319	50.285	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	4.916	41	131200	52.222	ug/l	94
42) 1,2-Dichloroethane	6.086	62	256005	53.832	ug/l	98
43) Isopropyl Acetate	6.342	43	383388	52.300	ug/l	97
44) Trichloroethene	7.123	130	185748	53.121	ug/l	98
45) 1,2-Dichloropropane	7.434	63	165941	51.586	ug/l	98
46) Dibromomethane	7.580	93	123133	51.257	ug/l	95
47) Bromodichloromethane	7.824	83	250492	56.164	ug/l	98
48) Methyl methacrylate	7.696	41	191451	54.065	ug/l	89
49) 1,4-Dioxane	7.665	88	84005	949.587	ug/l	98
51) 4-Methyl-2-Pentanone	8.574	43	1217070	252.059	ug/l	96
52) Toluene	8.720	92	429998	51.846	ug/l	97
53) t-1,3-Dichloropropene	8.976	75	267751	52.082	ug/l	99
54) cis-1,3-Dichloropropene	8.366	75	284066	56.605	ug/l #	91
55) 1,1,2-Trichloroethane	9.153	97	179797	53.164	ug/l	100
56) Ethyl methacrylate	9.116	69	283170	55.291	ug/l #	90
57) 1,3-Dichloropropane	9.311	76	297683	52.187	ug/l	100
58) 2-Chloroethyl Vinyl ether	8.244	63	639884	255.200	ug/l	98
59) 2-Hexanone	9.433	43	956654	255.012	ug/l	93
60) Dibromochloromethane	9.525	129	192831	58.464	ug/l	97
61) 1,2-Dibromoethane	9.610	107	189115	53.241	ug/l	98
64) Tetrachloroethene	9.275	164	169400	54.807	ug/l	97
65) Chlorobenzene	10.079	112	465681	53.632	ug/l	99
66) 1,1,1,2-Tetrachloroethane	10.165	131	181638	59.054	ug/l	98
67) Ethyl Benzene	10.195	91	842006	54.102	ug/l	99
68) m/p-Xylenes	10.305	106	651114	107.459	ug/l	98
69) o-Xylene	10.640	106	321933	53.965	ug/l	98
70) Styrene	10.659	104	538917	55.628	ug/l	97
71) Bromoform	10.799	173	140783	55.039	ug/l #	100
73) Isopropylbenzene	10.963	105	853318	52.032	ug/l	99
74) N-amyl acetate	10.841	43	330943	51.335	ug/l	93
75) 1,1,2,2-Tetrachloroethane	11.213	83	285798	50.798	ug/l	100
76) 1,2,3-Trichloropropane	11.238	75	325903	64.350	ug/l	89
77) Bromobenzene	11.201	156	203998	52.571	ug/l	97
78) n-propylbenzene	11.305	91	992402	52.314	ug/l	100
79) 2-Chlorotoluene	11.366	91	605831	52.106	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	738809	54.065	ug/l	99
81) trans-1,4-Dichloro-2-b...	11.018	75	86286	50.762	ug/l	87
82) 4-Chlorotoluene	11.457	91	705976	52.522	ug/l	98
83) tert-Butylbenzene	11.719	119	730729	55.229	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	735397	53.666	ug/l	99
85) sec-Butylbenzene	11.890	105	893228	54.731	ug/l	100
86) p-Isopropyltoluene	12.012	119	767996	56.080	ug/l	98
87) 1,3-Dichlorobenzene	11.969	146	400562	52.628	ug/l	98
88) 1,4-Dichlorobenzene	12.042	146	401334	50.836	ug/l	97
89) n-Butylbenzene	12.335	91	662950	55.871	ug/l	99
90) Hexachloroethane	12.542	117	128634	58.084	ug/l	92
91) 1,2-Dichlorobenzene	12.335	146	400999	53.631	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	12.945	75	71424	59.454	ug/l	91
93) 1,2,4-Trichlorobenzene	13.591	180	255383	59.138	ug/l	98
94) Hexachlorobutadiene	13.725	225	107983	61.550	ug/l	96
95) Naphthalene	13.774	128	895355	58.264	ug/l	100
96) 1,2,3-Trichlorobenzene	13.963	180	252579	58.234	ug/l	96

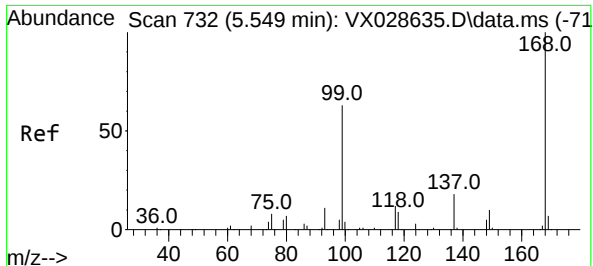
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Response via : Initial Calibration

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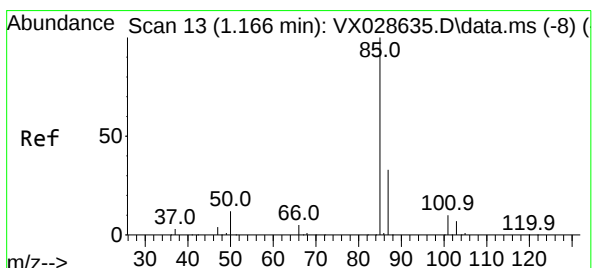
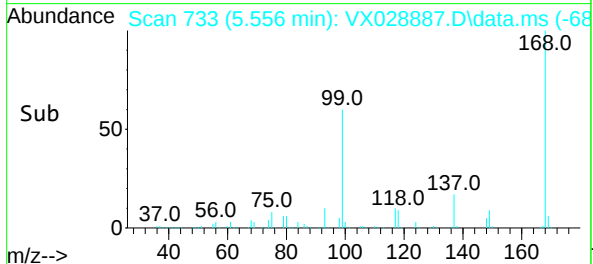
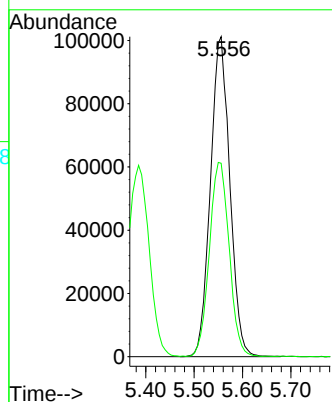
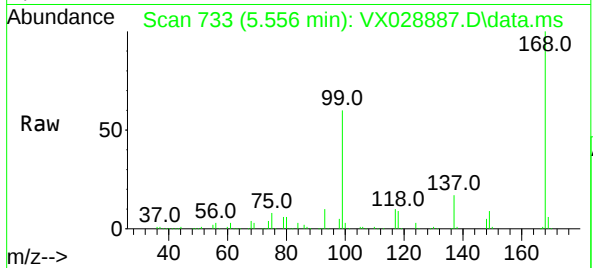
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
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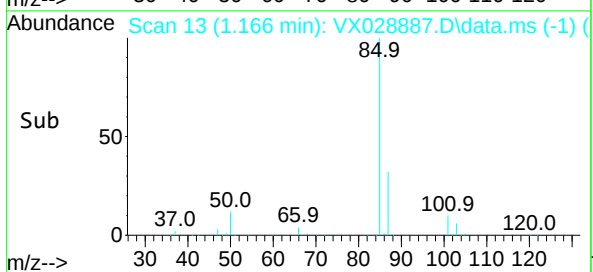
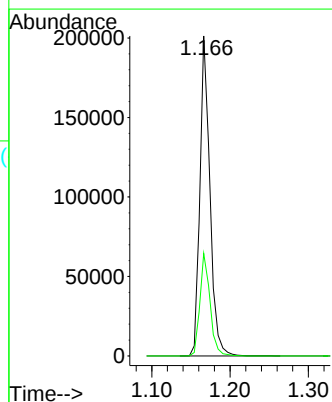
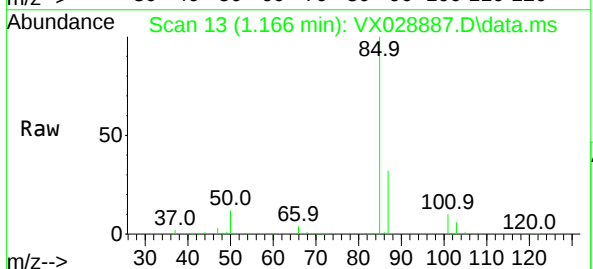
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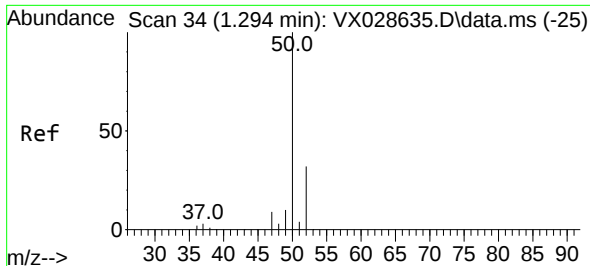
Tgt Ion:168 Resp: 281777
Ion Ratio Lower Upper
168 100
99 60.4 41.7 62.5



#2
Dichlorodifluoromethane
Concen: 48.595 ug/l
RT: 1.166 min Scan# 13
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 85 Resp: 179295
Ion Ratio Lower Upper
85 100
87 32.0 16.2 48.6

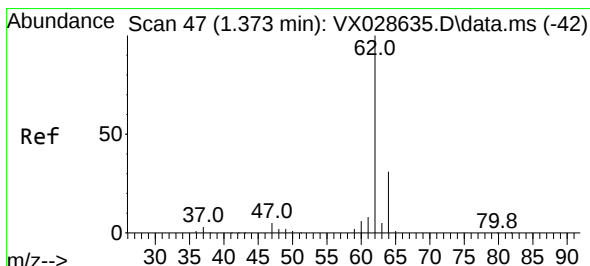
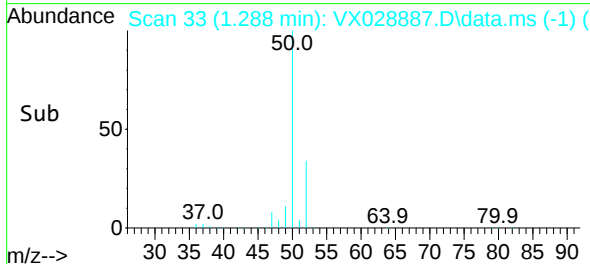
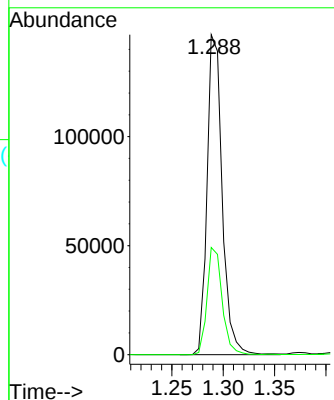
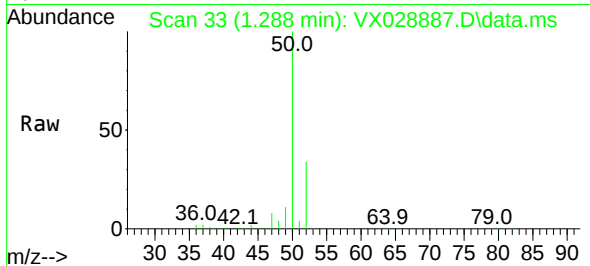




#3
Chloromethane
Concen: 43.261 ug/l
RT: 1.288 min Scan# 31
Delta R.T. -0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

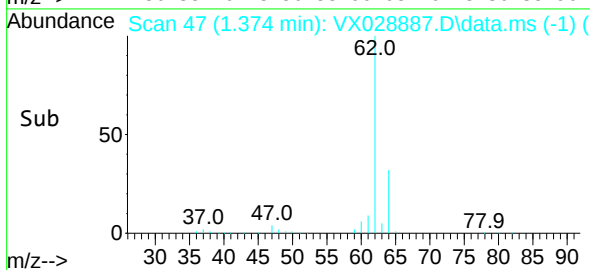
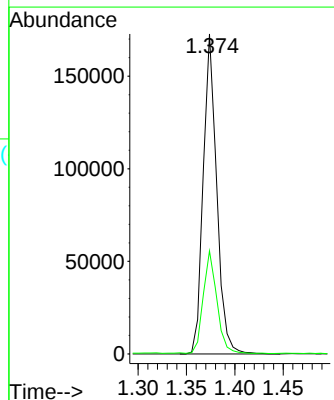
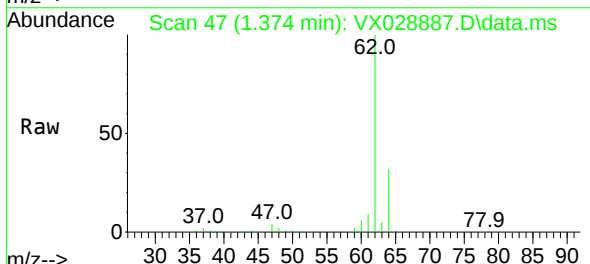
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 50 Resp: 150321
Ion Ratio Lower Upper
50 100
52 33.5 26.4 39.6



#4
Vinyl Chloride
Concen: 44.929 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 62 Resp: 168240
Ion Ratio Lower Upper
62 100
64 32.0 25.5 38.3

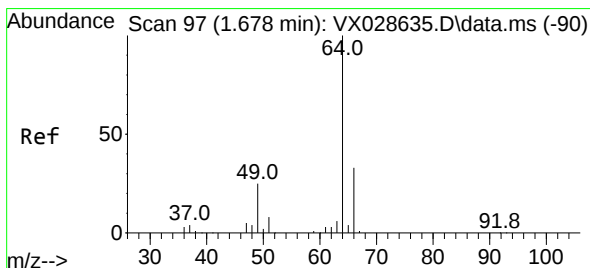
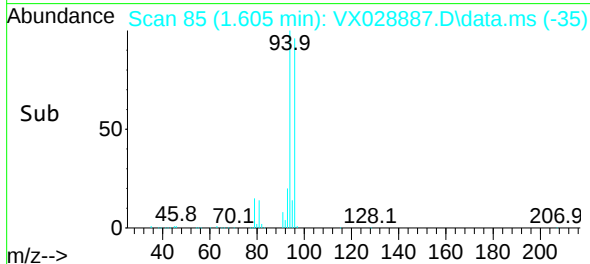
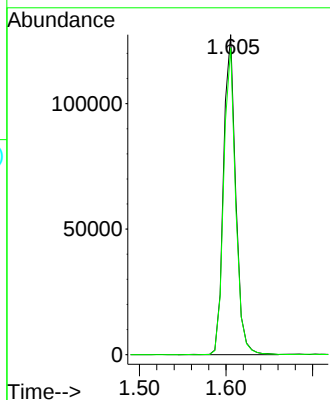
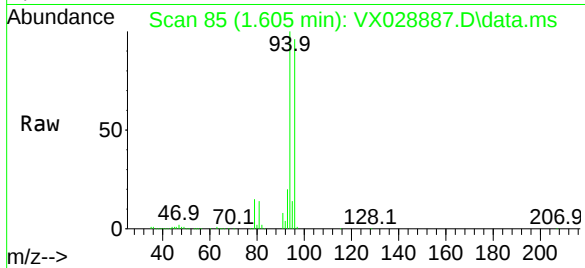




#5
Bromomethane
Concen: 46.613 ug/l
RT: 1.605 min Scan# 81
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

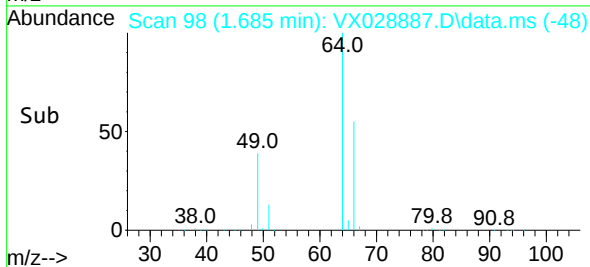
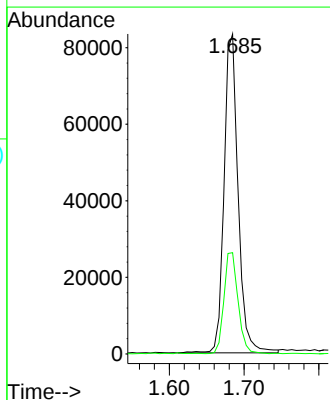
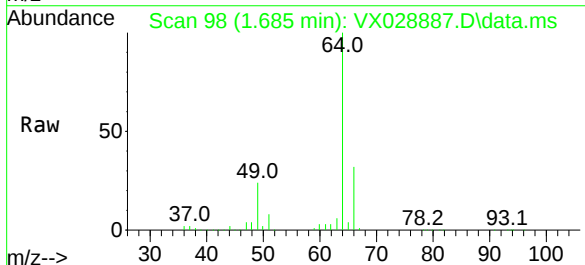
Instrument :
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ClientSampleId :
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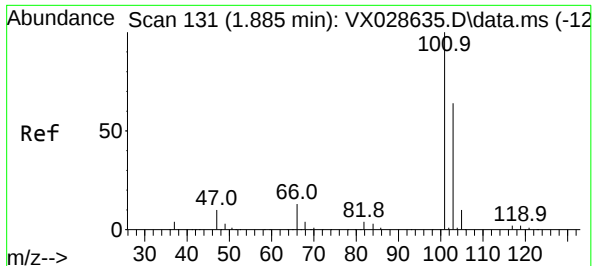
Tgt Ion: 94 Resp: 124420
Ion Ratio Lower Upper
94 100
96 95.9 75.3 112.9



#6
Chloroethane
Concen: 45.958 ug/l
RT: 1.685 min Scan# 98
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 64 Resp: 108826
Ion Ratio Lower Upper
64 100
66 31.5 25.3 37.9

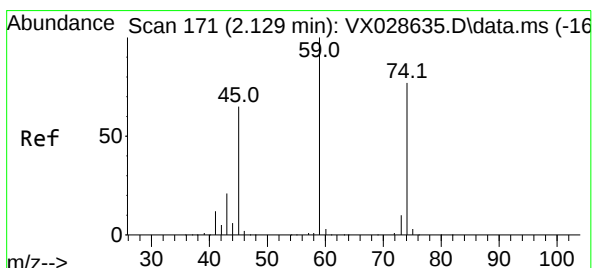
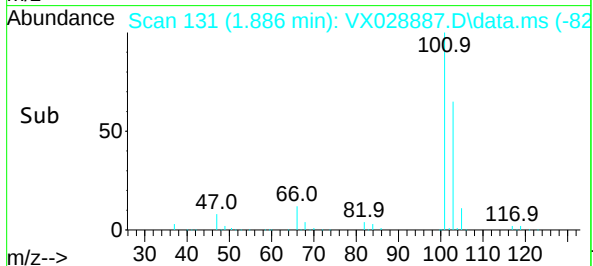
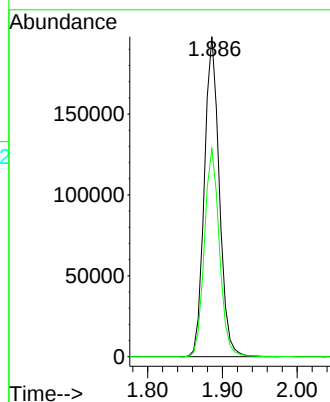
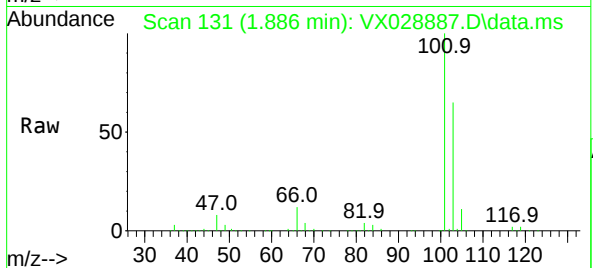




#7
Trichlorofluoromethane
Concen: 45.922 ug/l
RT: 1.886 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

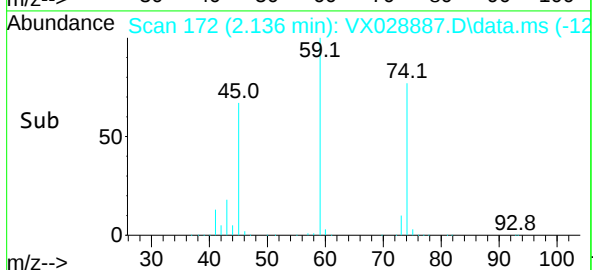
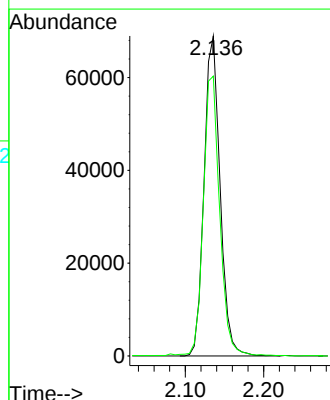
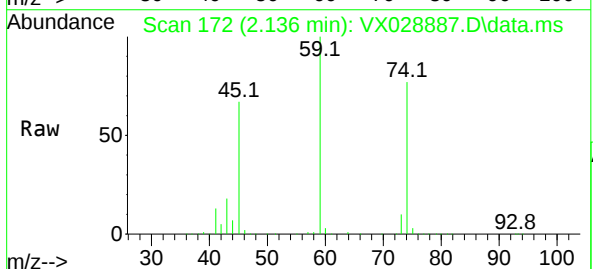
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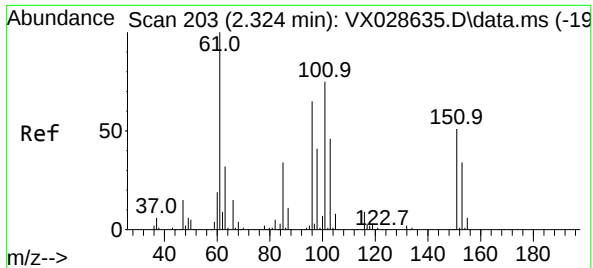
Tgt Ion:101 Resp: 274154
Ion Ratio Lower Upper
101 100
103 65.0 50.5 75.7



#8
Diethyl Ether
Concen: 44.980 ug/l
RT: 2.136 min Scan# 172
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 74 Resp: 97848
Ion Ratio Lower Upper
74 100
45 89.6 42.0 126.0

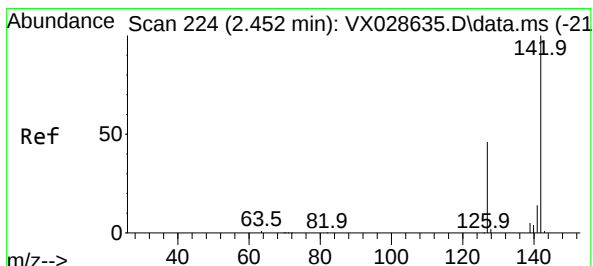
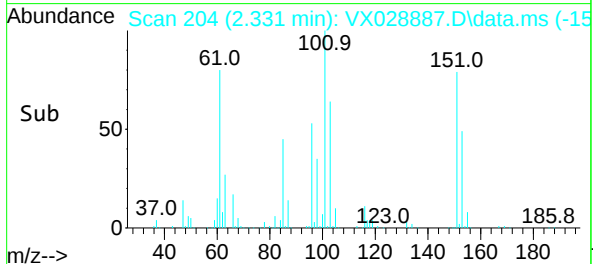
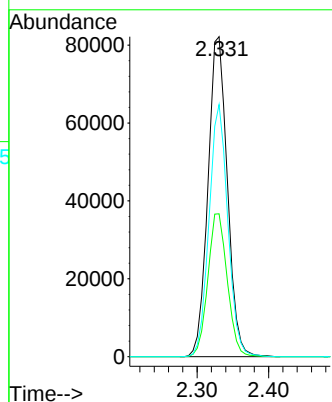
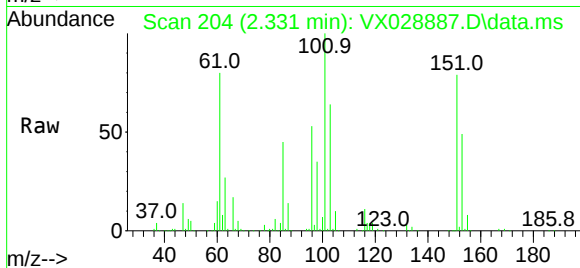




#9
1,1,2-Trichlorotrifluoroethane
Concen: 49.337 ug/l
RT: 2.331 min Scan# 203
Delta R.T. 0.007 min
Lab File: VX028887.D
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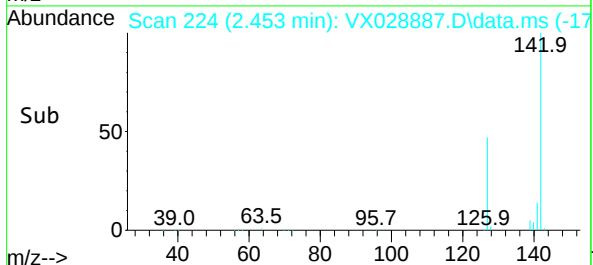
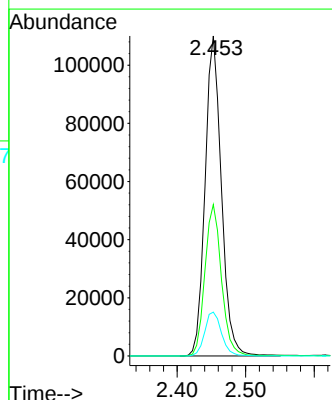
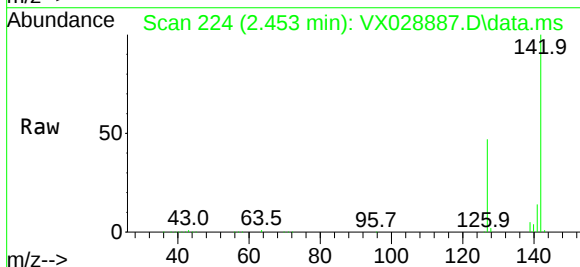
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ClientSampleId :
VSTDCCC050

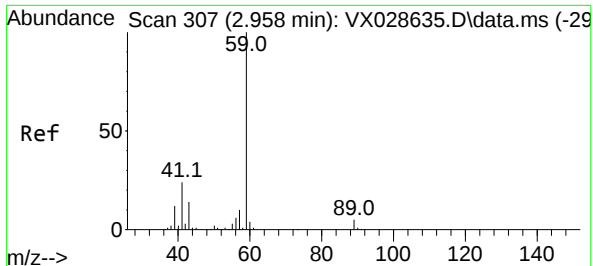
Tgt Ion:101 Resp: 154997
Ion Ratio Lower Upper
101 100
85 44.7 33.5 50.3
151 76.2 61.8 92.6



#10
Methyl Iodide
Concen: 48.551 ug/l
RT: 2.453 min Scan# 224
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:142 Resp: 182611
Ion Ratio Lower Upper
142 100
127 48.0 33.9 50.9
141 14.1 11.4 17.2

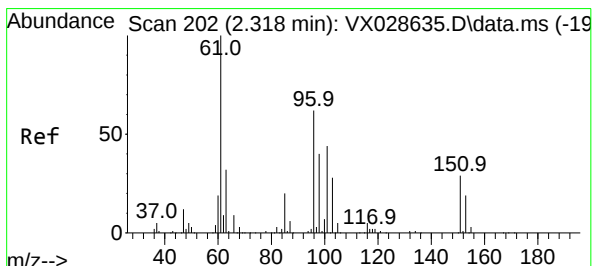
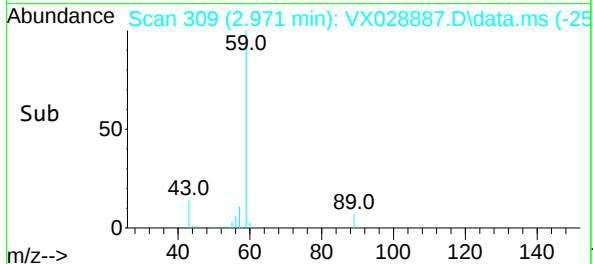
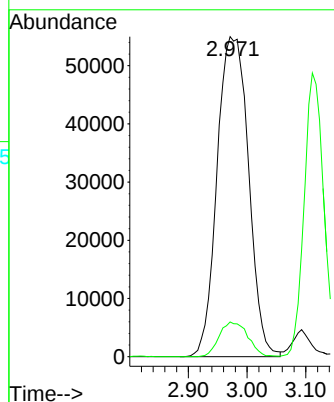
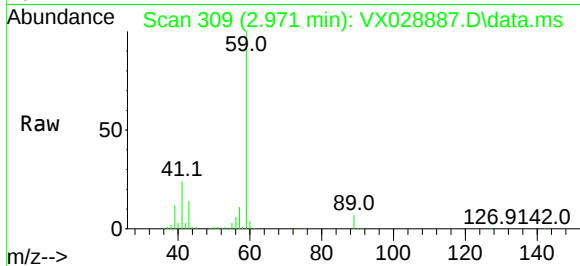




#11
Tert butyl alcohol
Concen: 249.609 ug/l
RT: 2.971 min Scan# 307
Delta R.T. 0.013 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

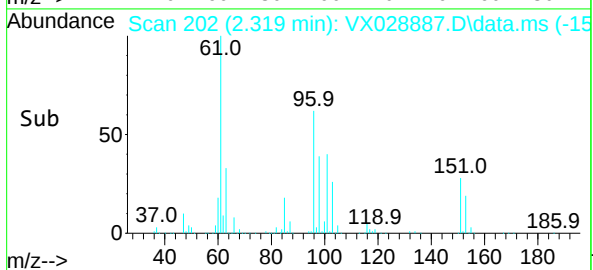
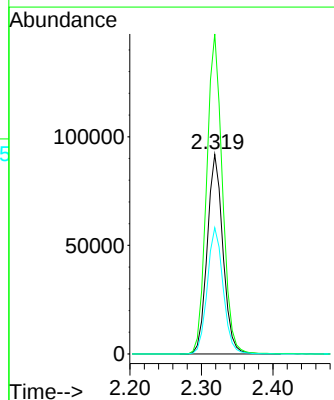
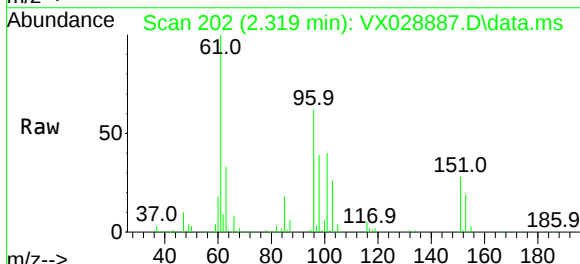
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

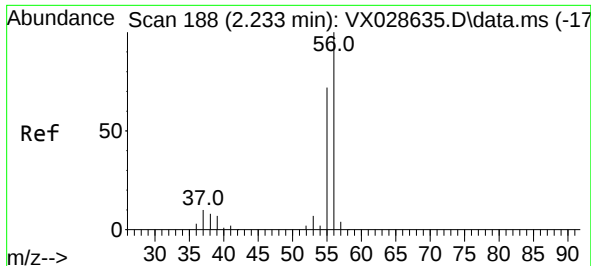
Tgt Ion: 59 Resp: 204617
Ion Ratio Lower Upper
59 100
57 9.9 8.3 12.5



#12
1,1-Dichloroethene
Concen: 48.003 ug/l
RT: 2.319 min Scan# 202
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 96 Resp: 139989
Ion Ratio Lower Upper
96 100
61 160.3 124.6 187.0
98 63.3 51.0 76.4

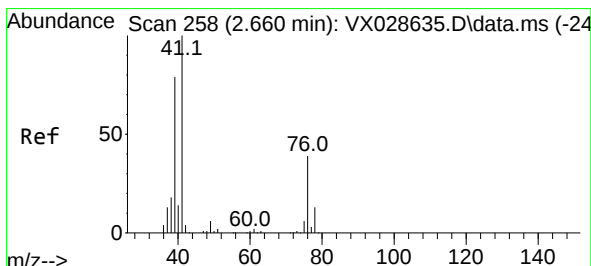
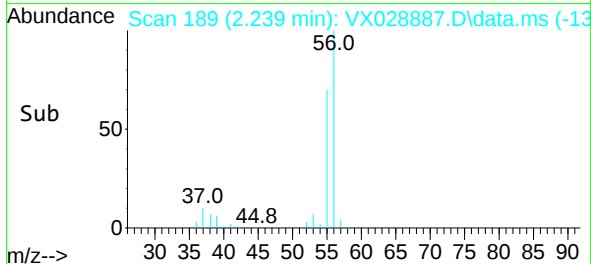
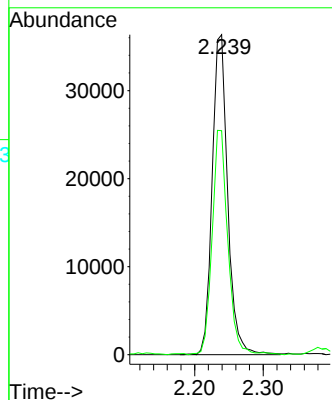
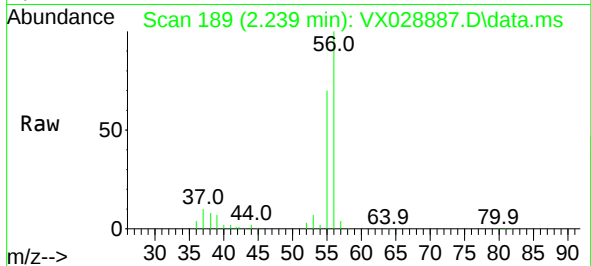




#13
Acrolein
Concen: 90.187 ug/l
RT: 2.239 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

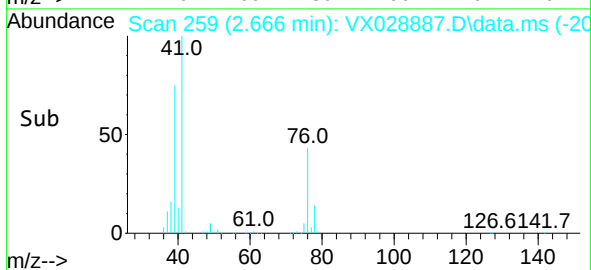
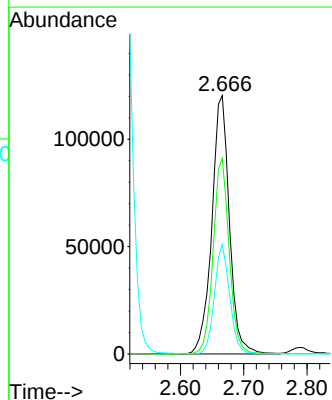
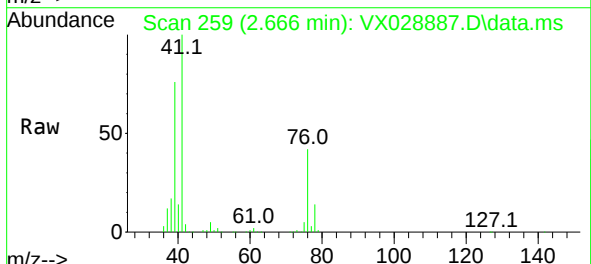
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

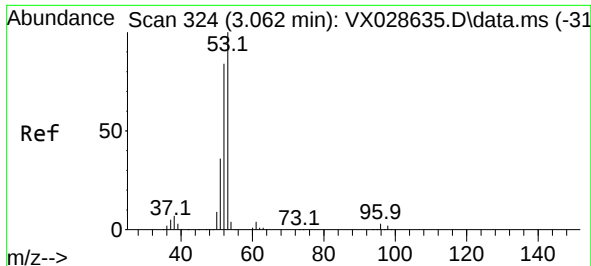
Tgt Ion: 56 Resp: 57177
Ion Ratio Lower Upper
56 100
55 70.6 55.0 82.6



#14
Allyl chloride
Concen: 49.845 ug/l
RT: 2.666 min Scan# 259
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 41 Resp: 233138
Ion Ratio Lower Upper
41 100
39 69.2 50.4 75.6
76 36.5 32.7 49.1

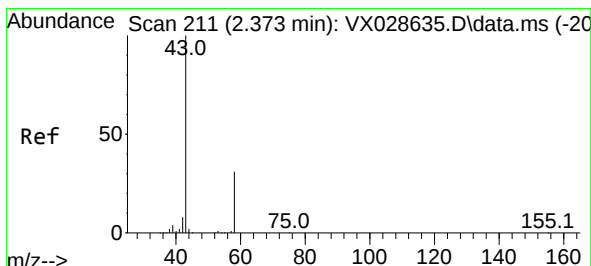
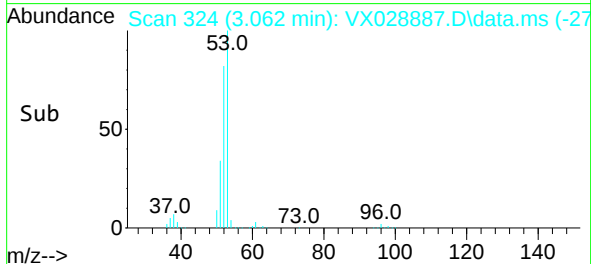
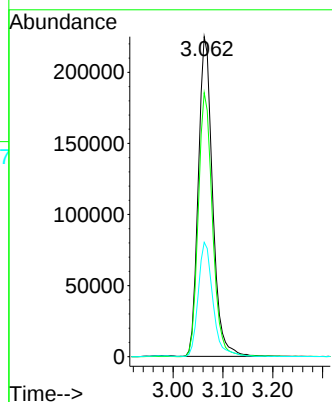
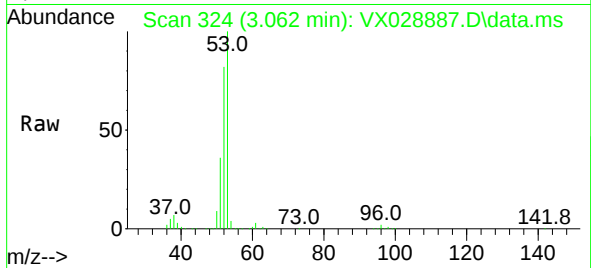




#15
Acrylonitrile
Concen: 240.048 ug/l
RT: 3.062 min Scan# 31
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

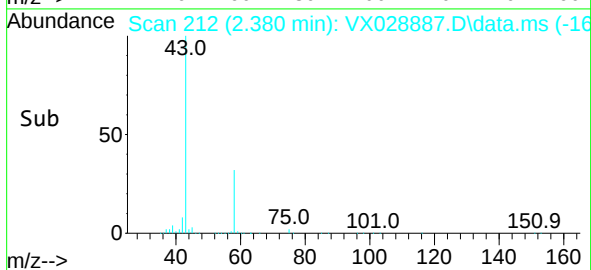
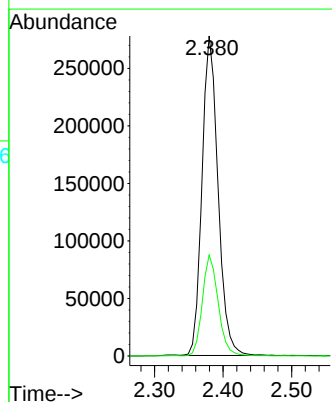
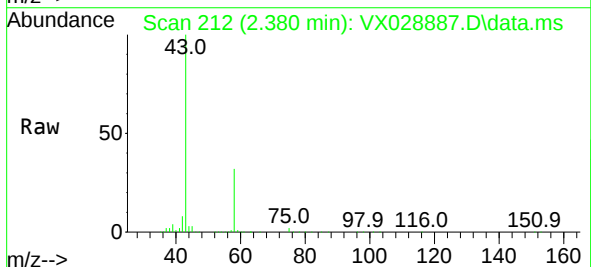
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

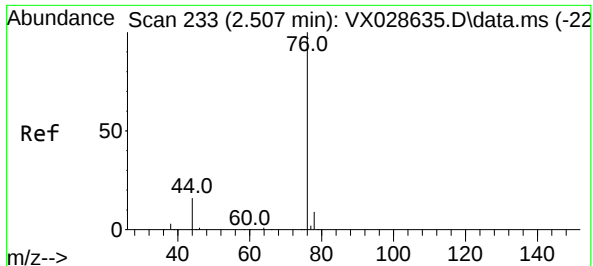
Tgt Ion: 53 Resp: 446723
Ion Ratio Lower Upper
53 100
52 82.5 65.7 98.5
51 36.6 28.4 42.6



#16
Acetone
Concen: 273.098 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 43 Resp: 452713
Ion Ratio Lower Upper
43 100
58 31.6 28.8 43.2

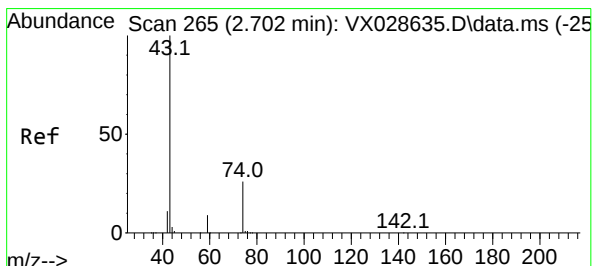
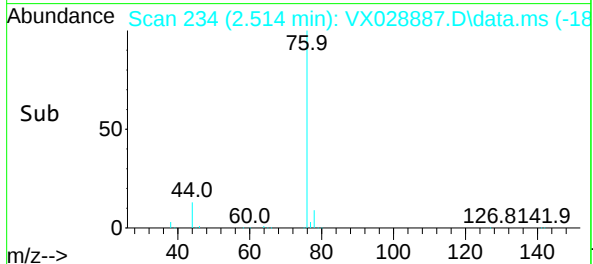
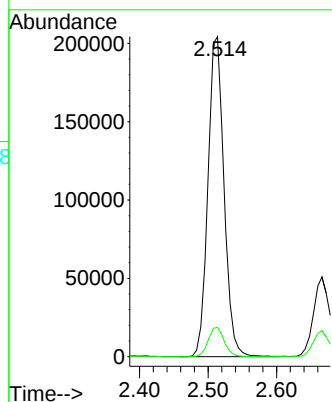
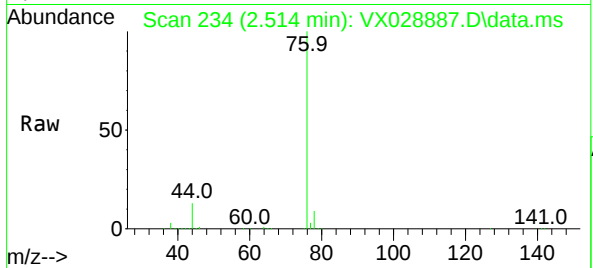




#17
Carbon Disulfide
Concen: 44.015 ug/l
RT: 2.514 min Scan# 21
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

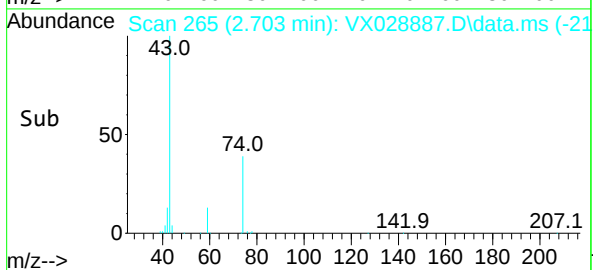
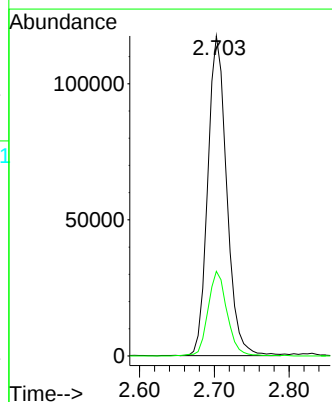
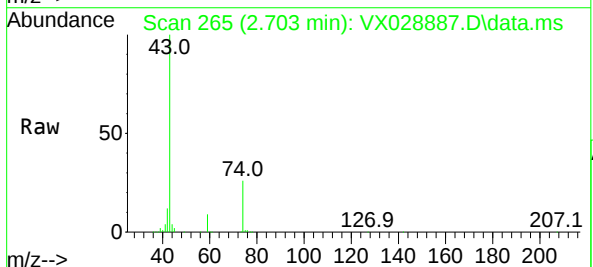
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

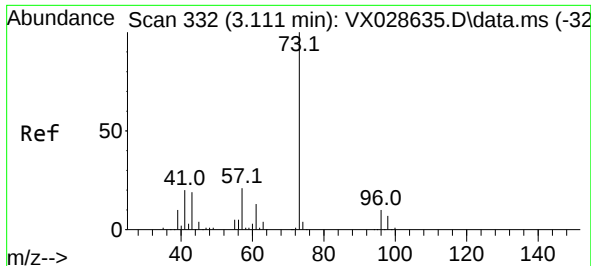
Tgt Ion: 76 Resp: 332738
Ion Ratio Lower Upper
76 100
78 9.2 7.2 10.8



#18
Methyl Acetate
Concen: 49.809 ug/l
RT: 2.703 min Scan# 265
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 43 Resp: 206800
Ion Ratio Lower Upper
43 100
74 26.6 22.8 34.2





#19

Methyl tert-butyl Ether

Concen: 52.595 ug/l

RT: 3.117 min Scan# 311

Delta R.T. 0.006 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

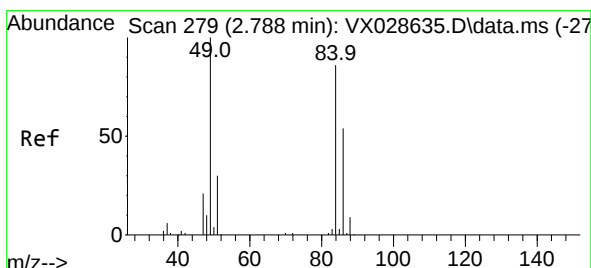
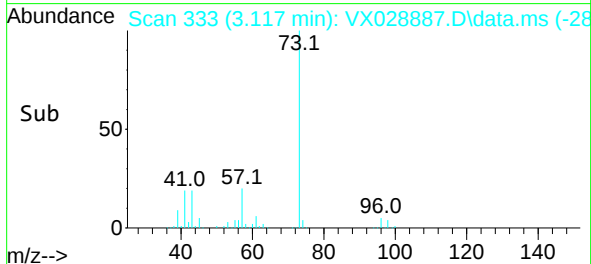
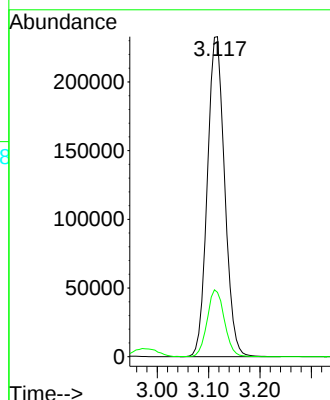
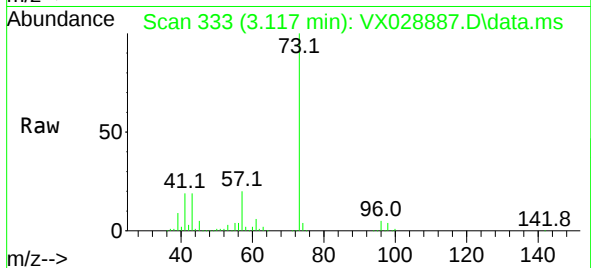
VSTDCCC050

Tgt Ion: 73 Resp: 544294

Ion Ratio Lower Upper

73 100

57 20.1 16.8 25.2



#20

Methylene Chloride

Concen: 46.554 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Tgt Ion: 84 Resp: 161906

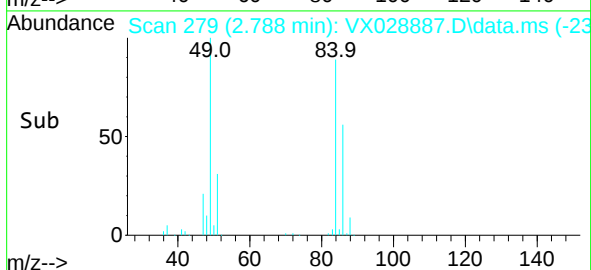
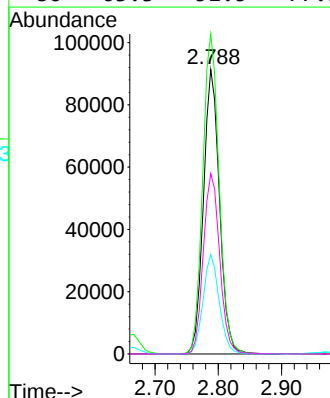
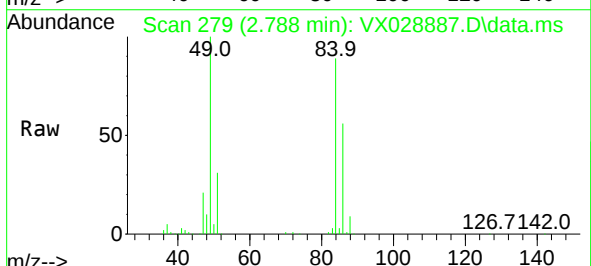
Ion Ratio Lower Upper

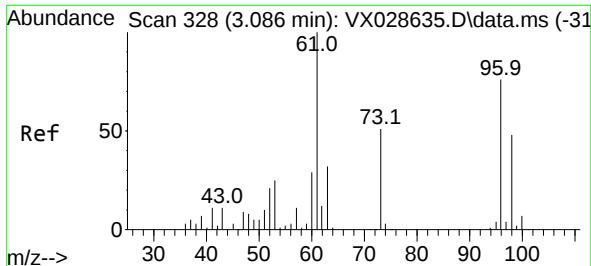
84 100

49 112.4 85.5 128.3

51 34.9 26.6 39.8

86 63.3 51.5 77.3

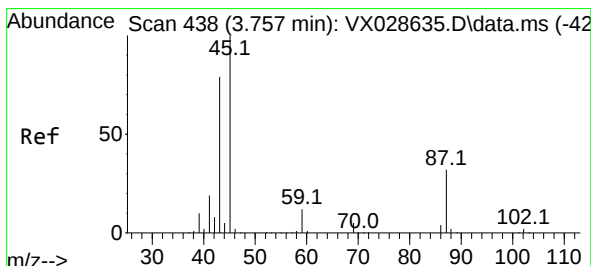
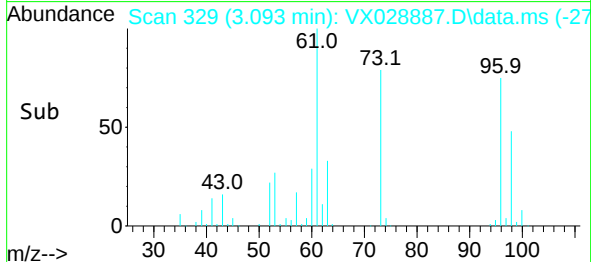
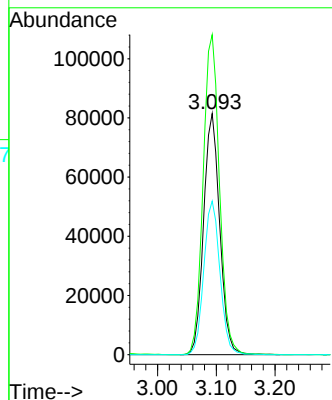
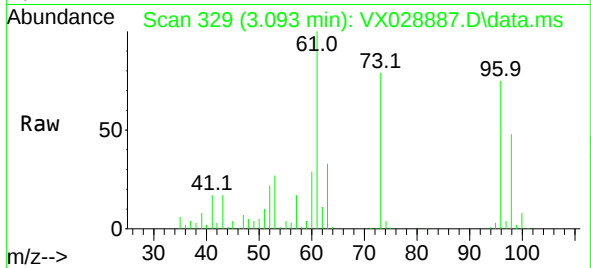




#21
trans-1,2-Dichloroethene
Concen: 47.338 ug/l
RT: 3.093 min Scan# 31
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

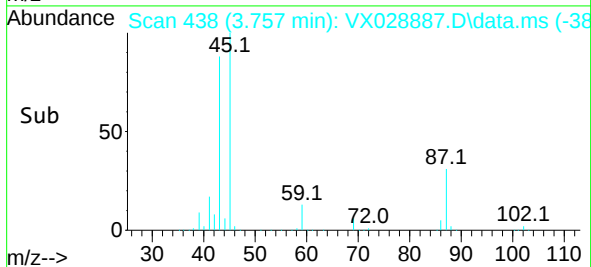
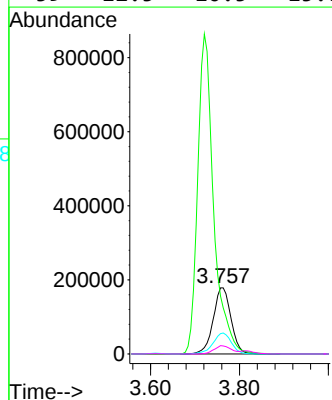
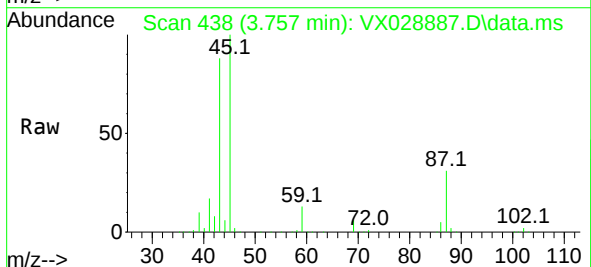
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

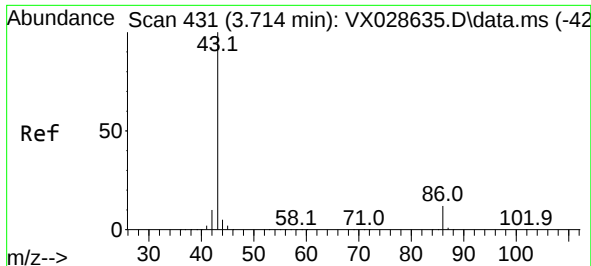
Tgt Ion: 96 Resp: 155498
Ion Ratio Lower Upper
96 100
61 132.8 105.4 158.2
98 63.7 50.0 75.0



#22
Diisopropyl ether
Concen: 49.302 ug/l
RT: 3.757 min Scan# 438
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 45 Resp: 492789
Ion Ratio Lower Upper
45 100
43 87.5 50.8 76.2#
87 30.7 26.6 39.8
59 12.5 10.5 15.7

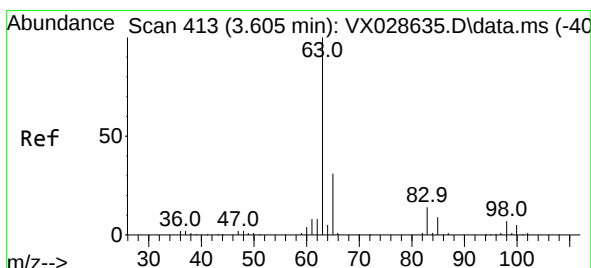
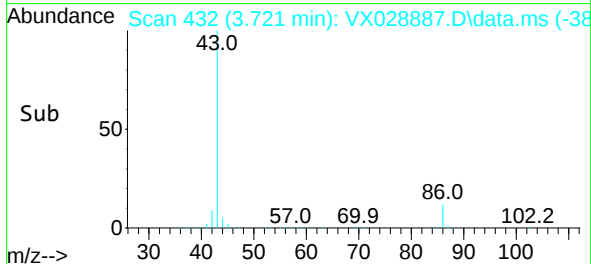
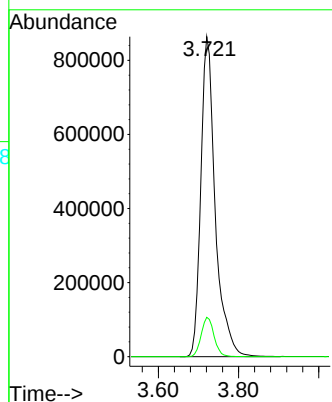
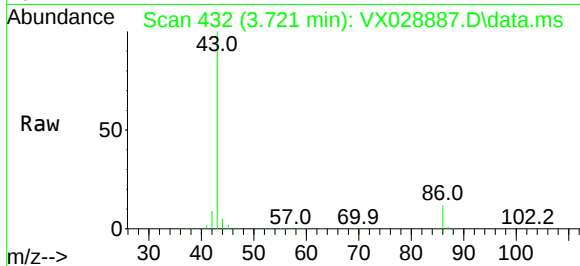




#23
 Vinyl Acetate
 Concen: 250.628 ug/l
 RT: 3.721 min Scan# 41
 Delta R.T. 0.007 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

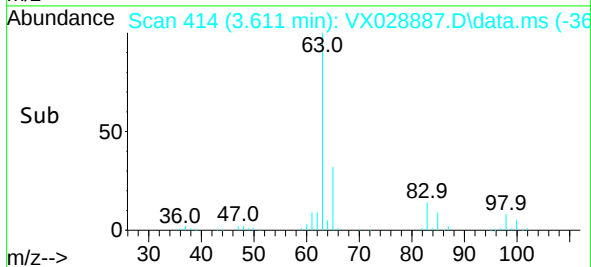
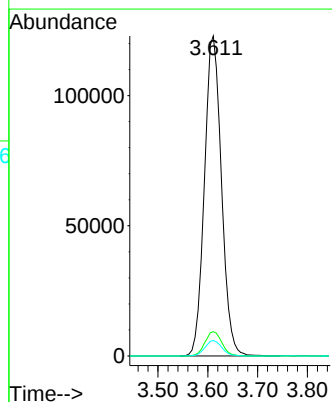
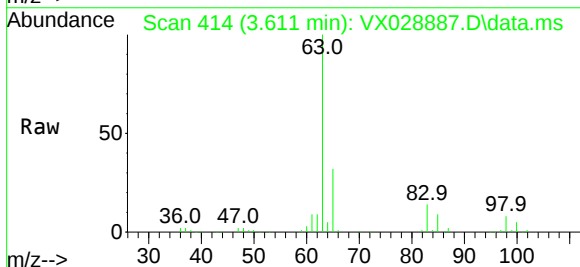
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

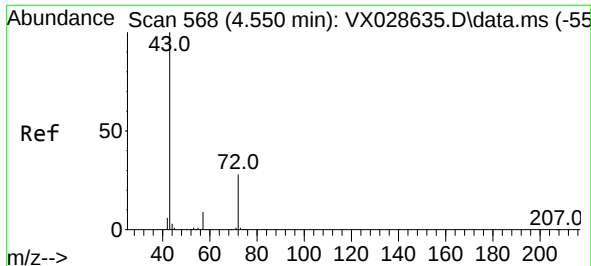
Tgt Ion: 43 Resp: 2159603
 Ion Ratio Lower Upper
 43 100
 86 12.3 10.8 16.2



#24
 1,1-Dichloroethane
 Concen: 50.143 ug/l
 RT: 3.611 min Scan# 414
 Delta R.T. 0.006 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

Tgt Ion: 63 Resp: 291372
 Ion Ratio Lower Upper
 63 100
 98 7.6 3.9 11.7
 100 4.9 2.4 7.2

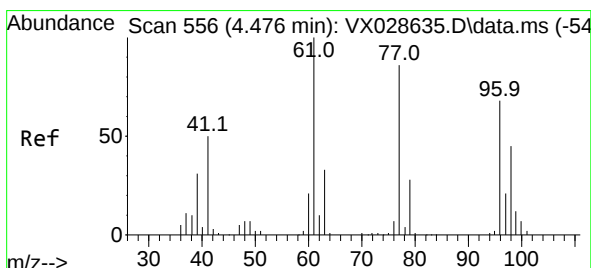
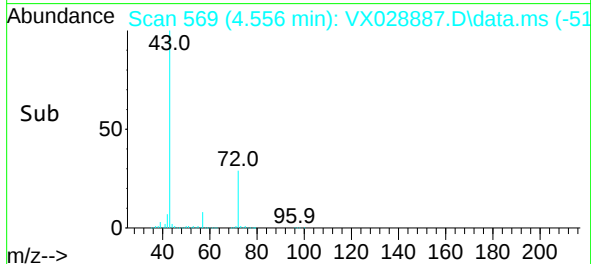
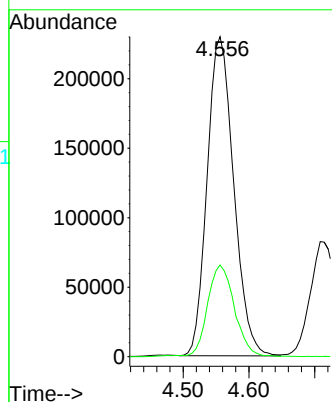
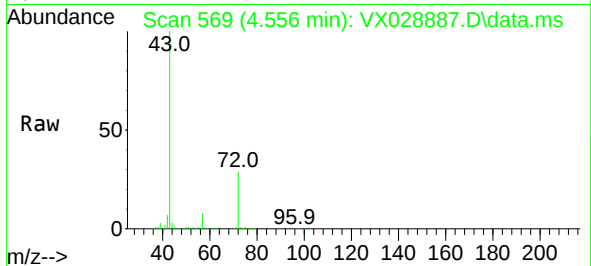




#25
2-Butanone
Concen: 248.053 ug/l
RT: 4.556 min Scan# 568
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

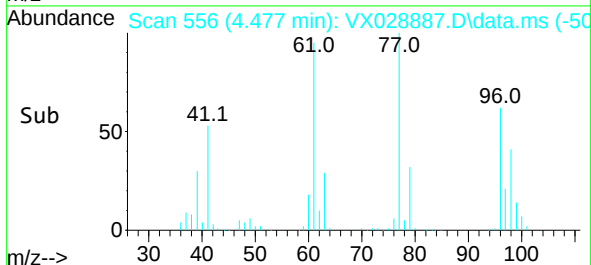
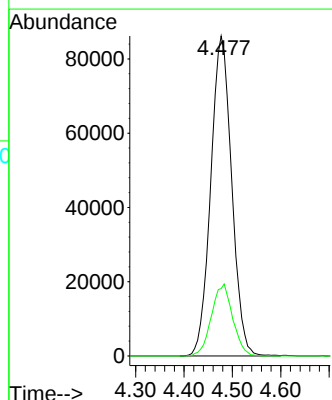
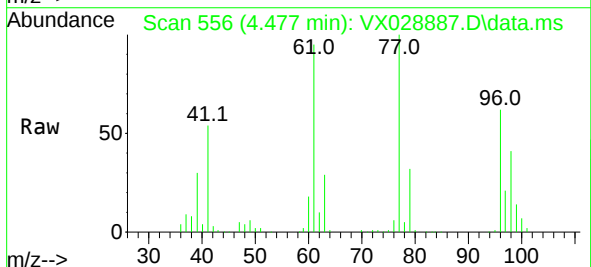
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

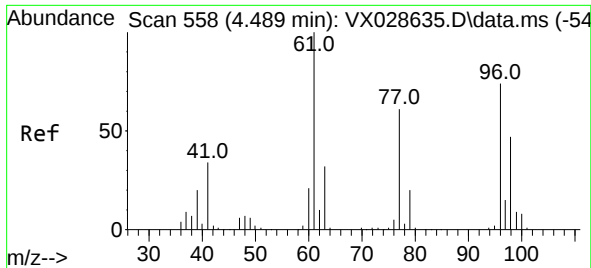
Tgt Ion: 43 Resp: 645445
Ion Ratio Lower Upper
43 100
72 28.6 24.4 36.6



#26
2,2-Dichloropropane
Concen: 56.879 ug/l
RT: 4.477 min Scan# 556
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 77 Resp: 259146
Ion Ratio Lower Upper
77 100
97 22.7 11.8 35.4





#27

cis-1,2-Dichloroethene

Concen: 49.058 ug/l

RT: 4.489 min Scan# 51

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

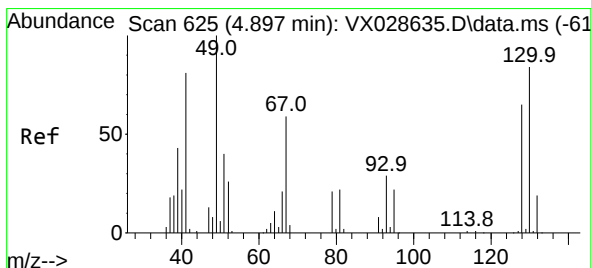
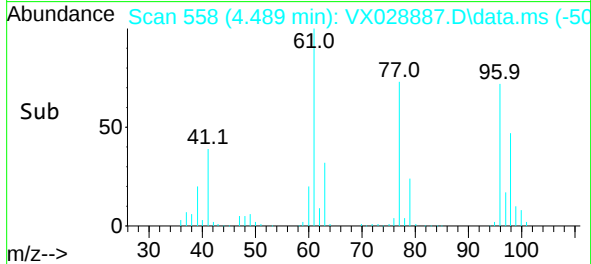
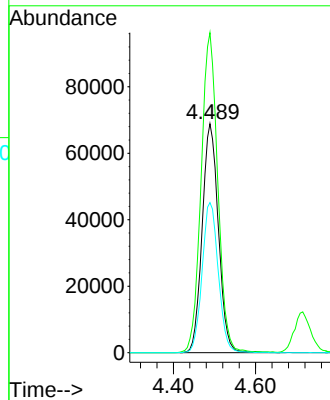
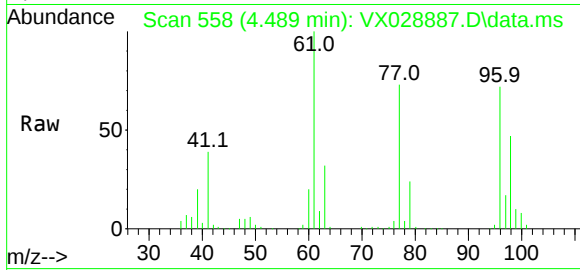
Tgt Ion: 96 Resp: 188213

Ion Ratio Lower Upper

96 100

61 143.6 0.0 283.8

98 65.6 0.0 129.8



#28

Bromochloromethane

Concen: 48.046 ug/l

RT: 4.897 min Scan# 625

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

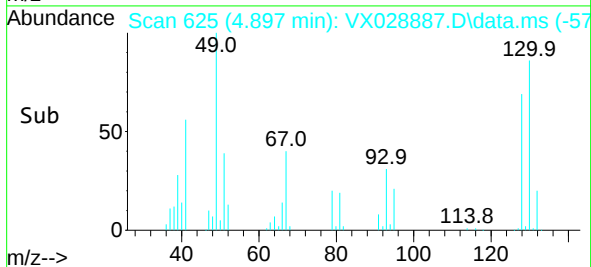
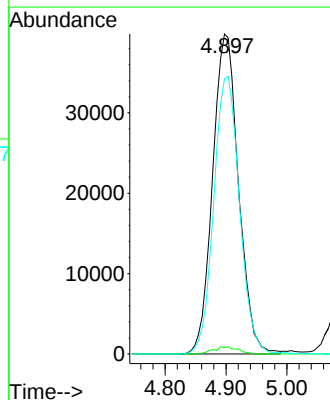
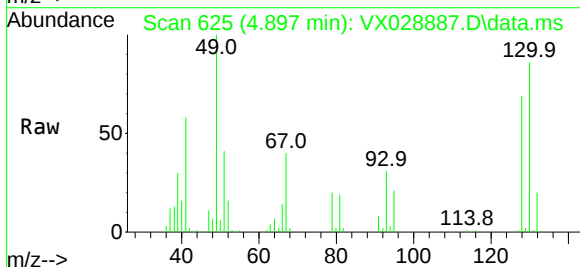
Tgt Ion: 49 Resp: 117516

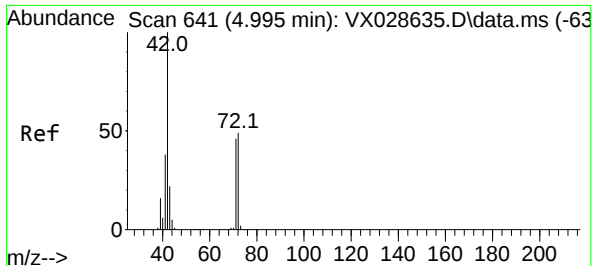
Ion Ratio Lower Upper

49 100

129 2.1 0.0 4.4

130 86.4 70.7 106.1





#29

Tetrahydrofuran

Concen: 232.152 ug/l

RT: 5.007 min Scan# 641

Delta R.T. 0.012 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

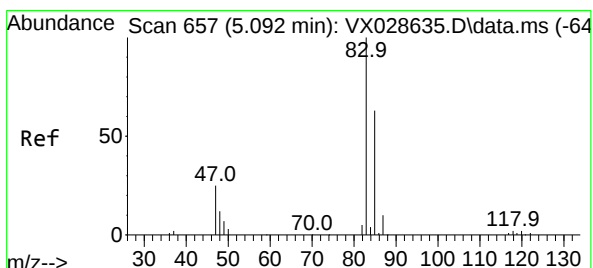
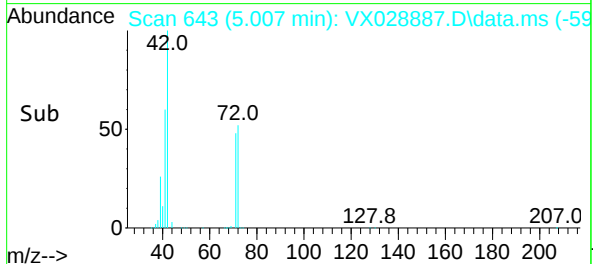
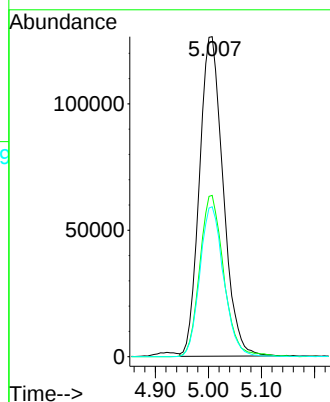
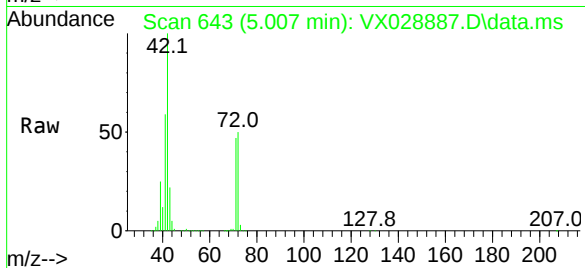
Tgt Ion: 42 Resp: 392653

Ion Ratio Lower Upper

42 100

72 51.2 44.1 66.1

71 47.4 40.5 60.7



#30

Chloroform

Concen: 51.279 ug/l

RT: 5.093 min Scan# 657

Delta R.T. 0.001 min

Lab File: VX028887.D

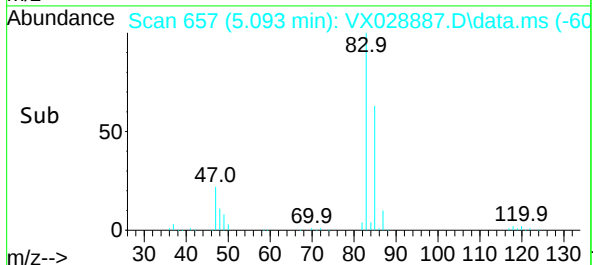
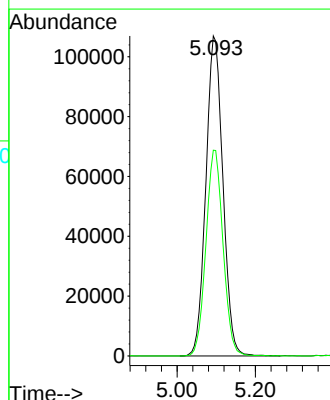
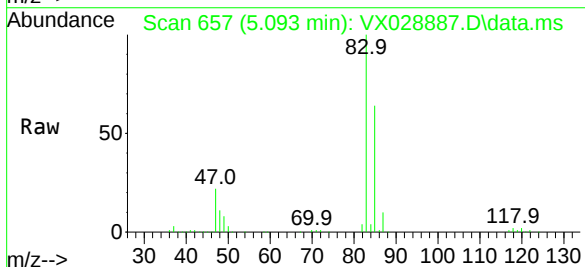
Acq: 23 May 2022 12:17

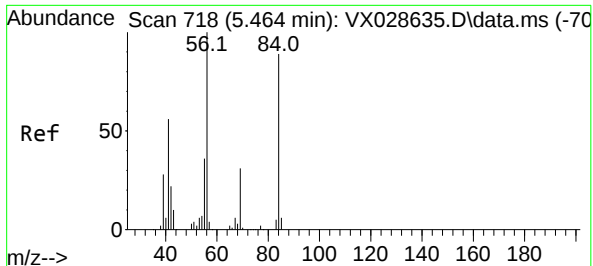
Tgt Ion: 83 Resp: 322487

Ion Ratio Lower Upper

83 100

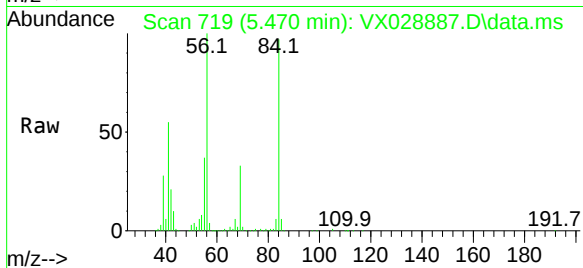
85 64.3 52.7 79.1





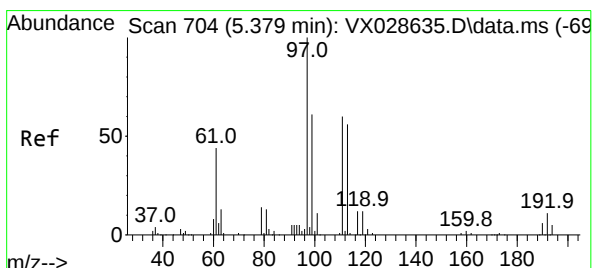
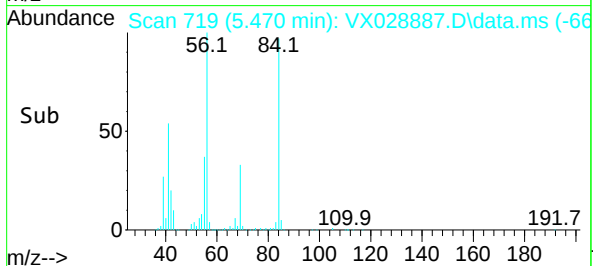
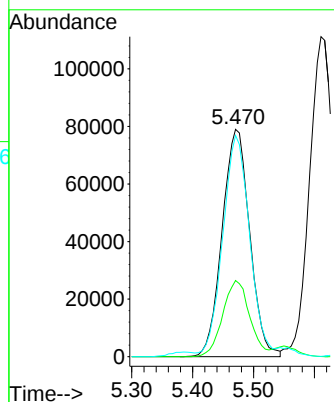
#31
Cyclohexane
Concen: 46.262 ug/l
RT: 5.470 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050



Tgt Ion: 56 Resp: 248029

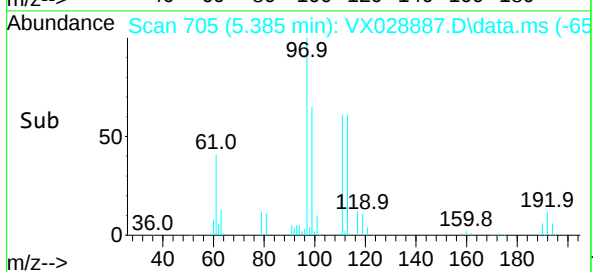
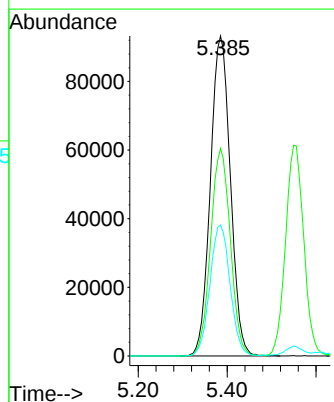
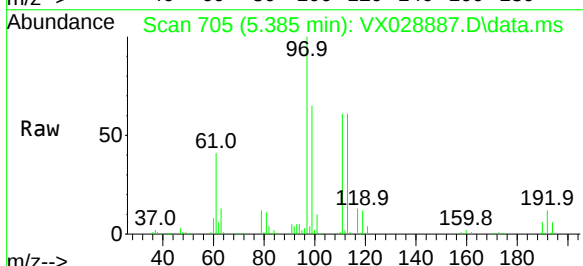
Ion	Ratio	Lower	Upper
56	100		
69	33.5	26.7	40.1
84	95.4	77.2	115.8

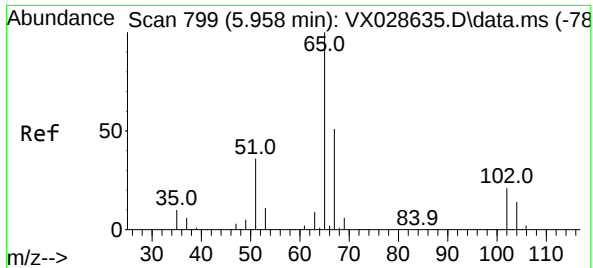


#32
1,1,1-Trichloroethane
Concen: 52.920 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 97 Resp: 290537

Ion	Ratio	Lower	Upper
97	100		
99	64.1	51.8	77.6
61	41.4	34.0	51.0

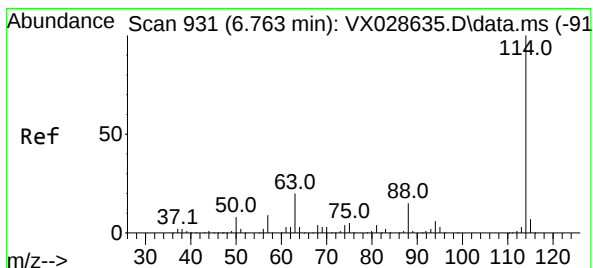
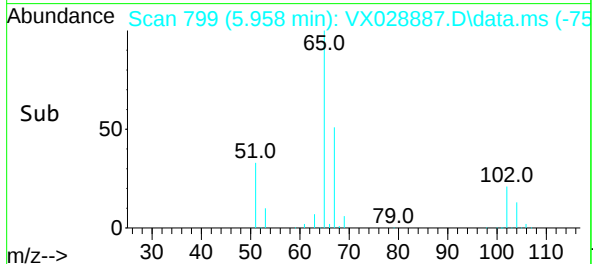
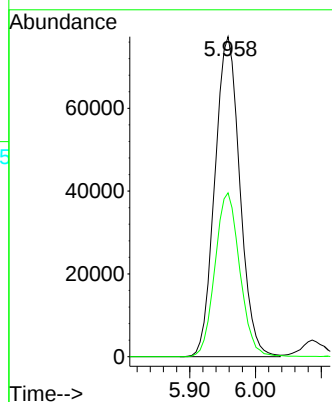
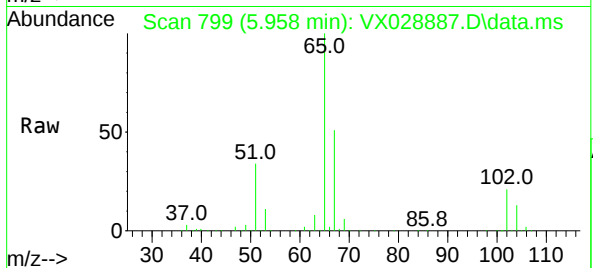




#33
 1,2-Dichloroethane-d4
 Concen: 52.953 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

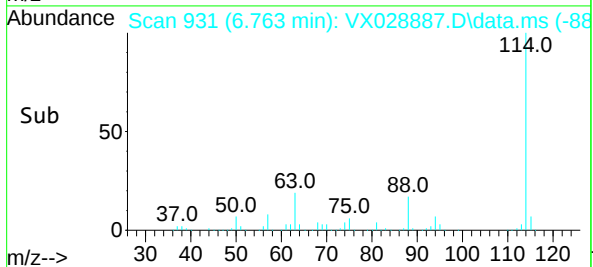
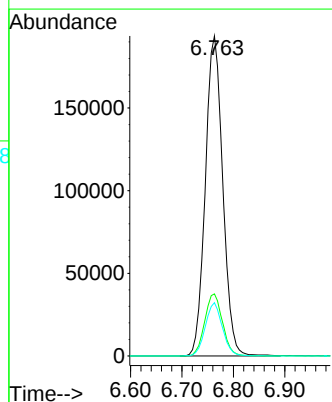
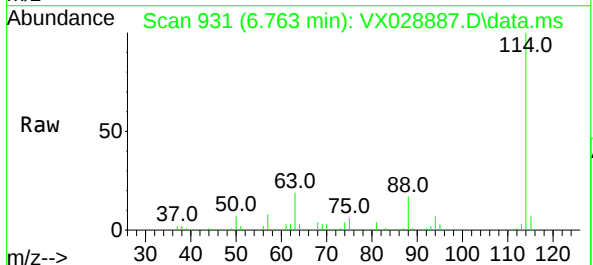
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

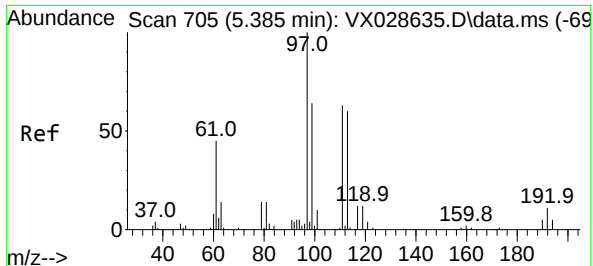
Tgt Ion: 65 Resp: 204530
 Ion Ratio Lower Upper
 65 100
 67 50.8 0.0 107.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. -0.000 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

Tgt Ion: 114 Resp: 455870
 Ion Ratio Lower Upper
 114 100
 63 19.4 0.0 36.8
 88 16.7 0.0 32.4

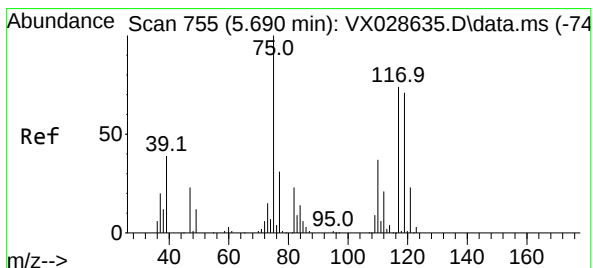
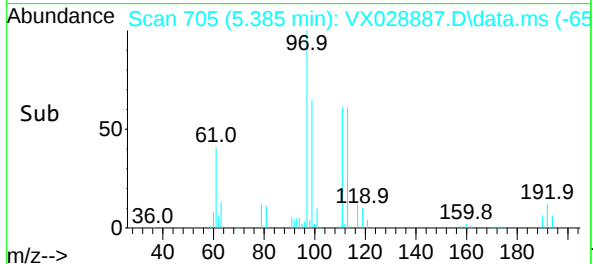
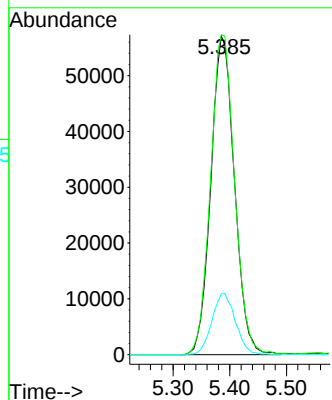
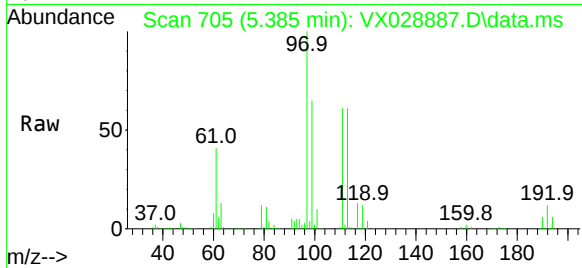




#35
Dibromofluoromethane
Concen: 55.110 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

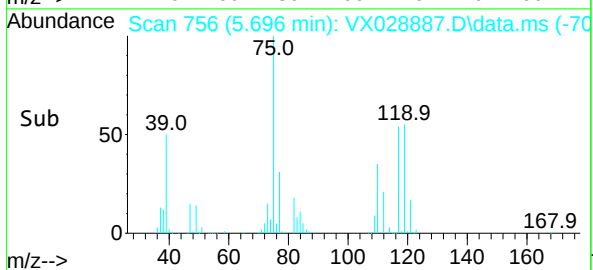
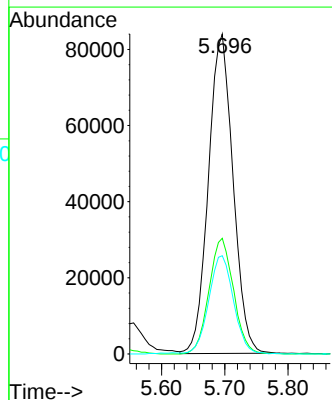
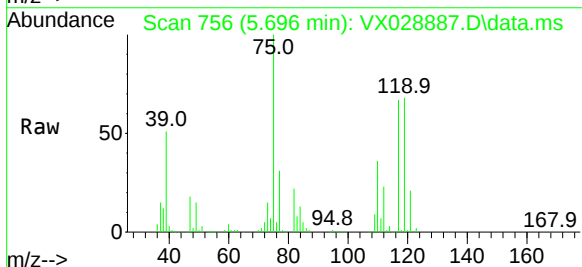
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

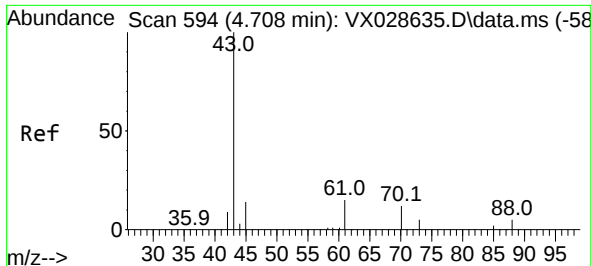
Tgt Ion:113 Resp: 164602
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 19.1 16.9 25.3



#36
1,1-Dichloropropene
Concen: 50.527 ug/l
RT: 5.696 min Scan# 756
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 75 Resp: 226670
Ion Ratio Lower Upper
75 100
110 36.1 18.3 54.8
77 31.1 24.8 37.2





#37

Ethyl Acetate

Concen: 52.272 ug/l

RT: 4.708 min Scan# 594

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

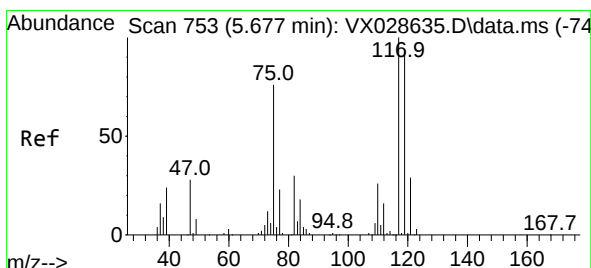
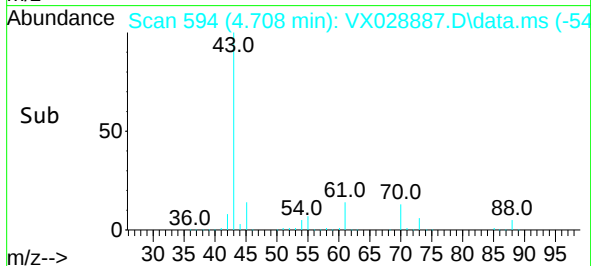
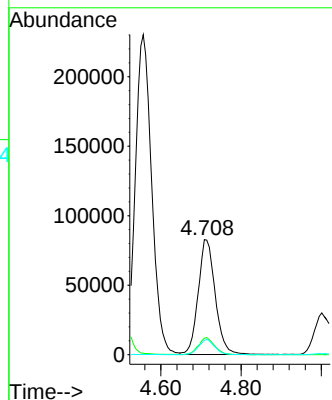
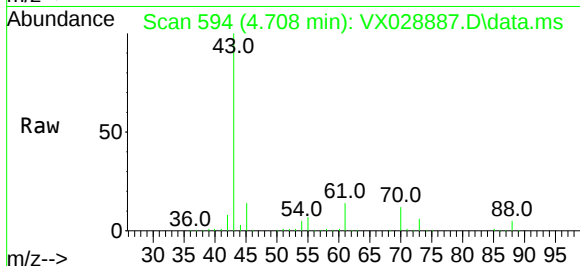
Tgt Ion: 43 Resp: 244931

Ion Ratio Lower Upper

43 100

61 14.2 12.6 19.0

70 12.3 10.2 15.2



#38

Carbon Tetrachloride

Concen: 56.635 ug/l

RT: 5.678 min Scan# 753

Delta R.T. 0.001 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

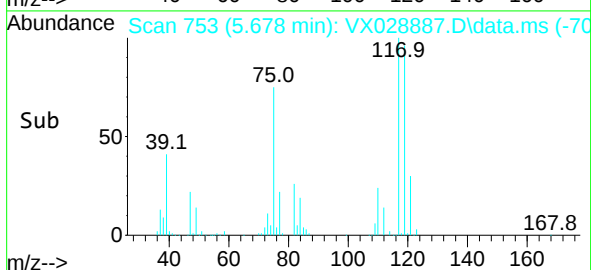
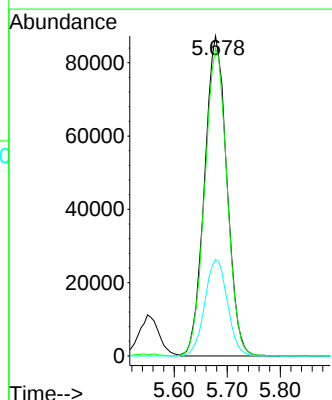
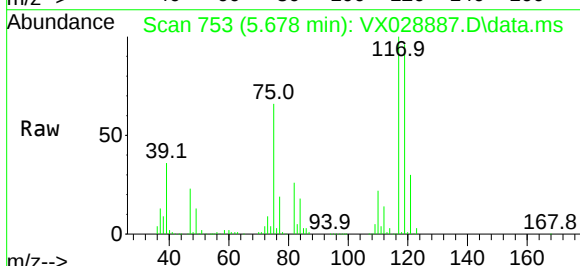
Tgt Ion: 117 Resp: 255692

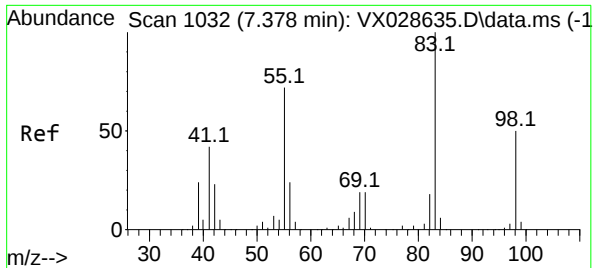
Ion Ratio Lower Upper

117 100

119 96.1 77.3 115.9

121 30.1 24.2 36.2

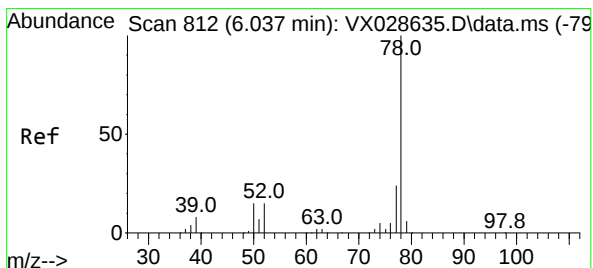
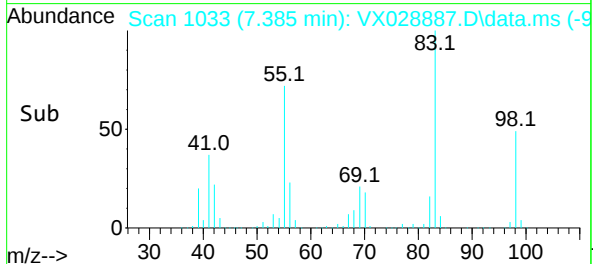
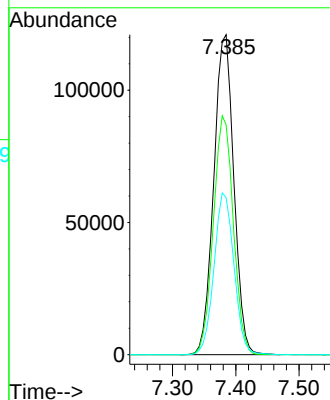
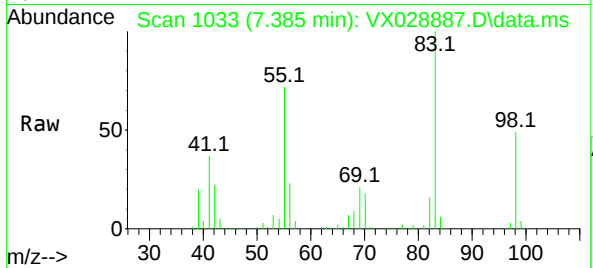




#39
Methylcyclohexane
Concen: 51.839 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

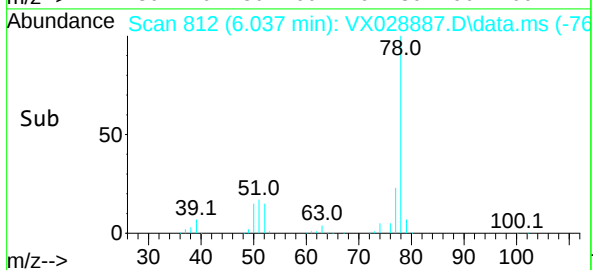
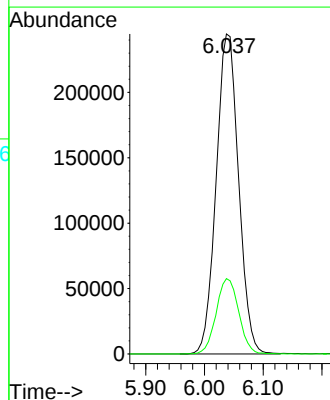
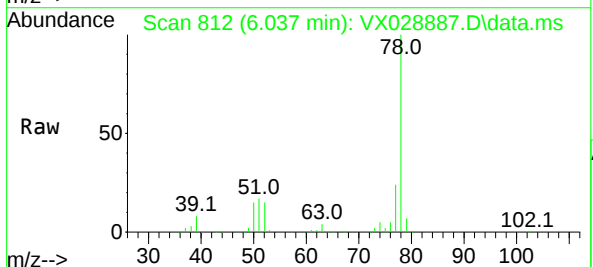
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

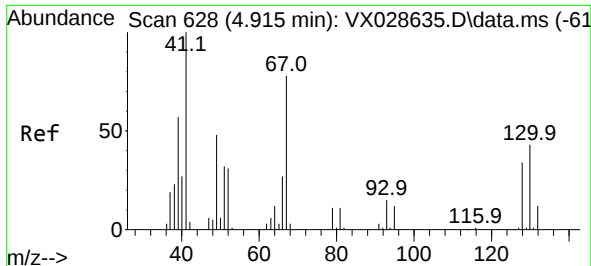
Tgt Ion: 83 Resp: 266698
Ion Ratio Lower Upper
83 100
55 71.8 54.6 81.8
98 49.1 37.4 56.2



#40
Benzene
Concen: 50.285 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 78 Resp: 648319
Ion Ratio Lower Upper
78 100
77 23.5 19.3 28.9

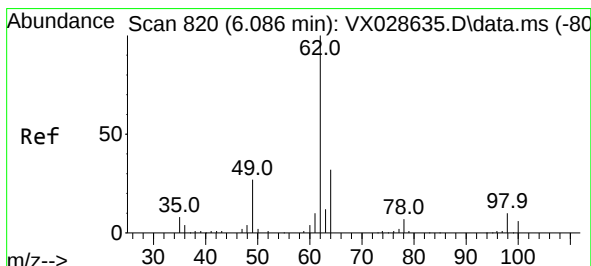
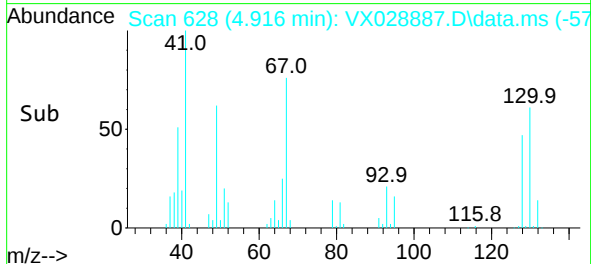
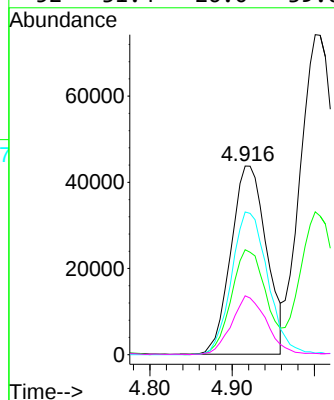
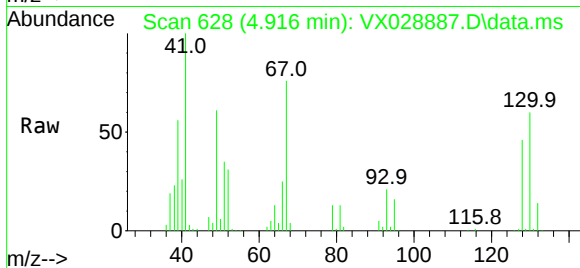




#41
Methacrylonitrile
Concen: 52.222 ug/l
RT: 4.916 min Scan# 61
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

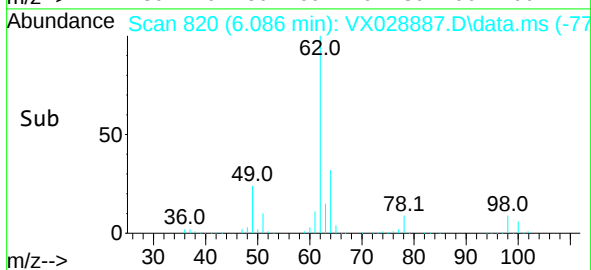
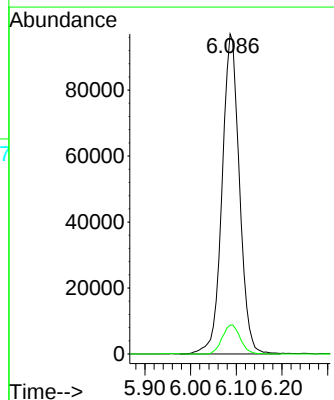
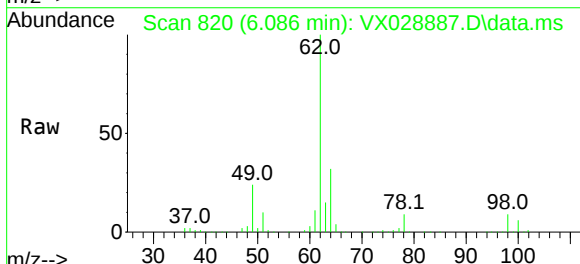
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

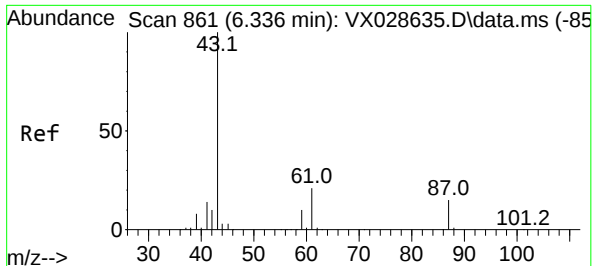
Tgt Ion:	41	Resp:	131200
Ion	Ratio	Lower	Upper
41	100		
39	54.7	43.0	64.4
67	77.9	70.2	105.4
52	31.4	26.0	39.0



#42
1,2-Dichloroethane
Concen: 53.832 ug/l
RT: 6.086 min Scan# 820
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:	62	Resp:	256005
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	20.4

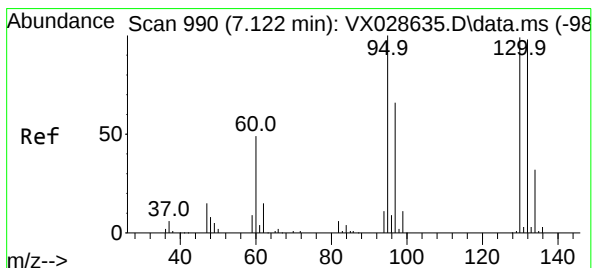
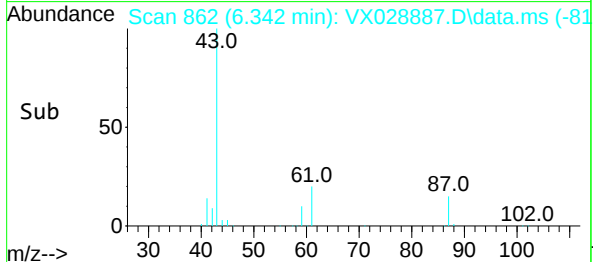
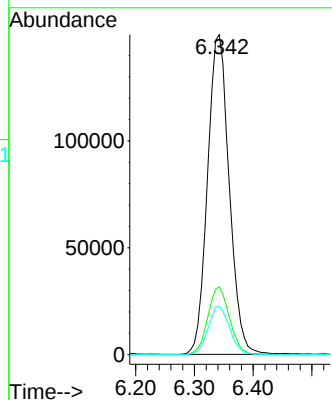
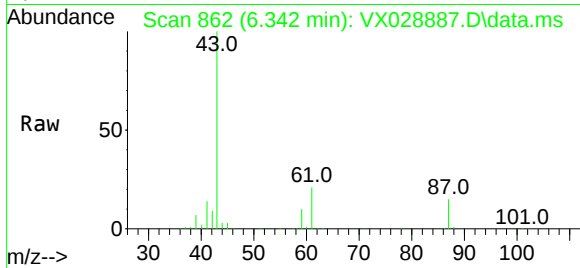




#43
Isopropyl Acetate
Concen: 52.300 ug/l
RT: 6.342 min Scan# 80
Delta R.T. 0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

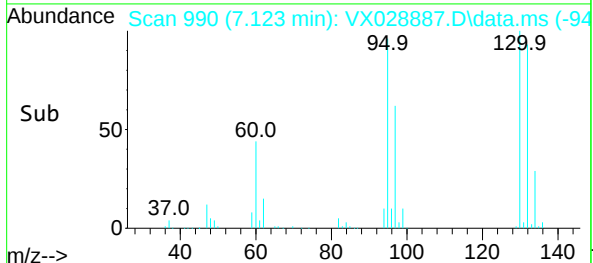
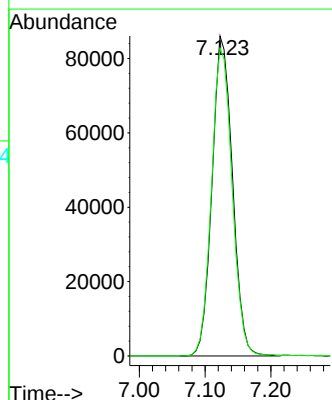
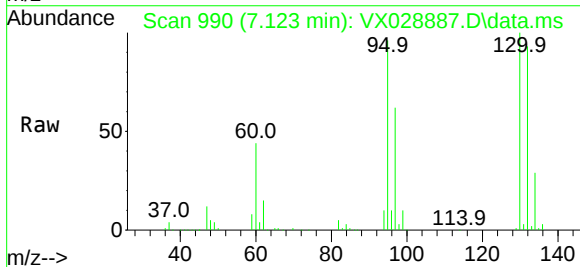
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

Tgt Ion: 43 Resp: 383388
Ion Ratio Lower Upper
43 100
61 21.3 18.5 27.7
87 15.0 13.0 19.6



#44
Trichloroethene
Concen: 53.121 ug/l
RT: 7.123 min Scan# 990
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:130 Resp: 185748
Ion Ratio Lower Upper
130 100
95 96.1 0.0 188.8





#45

1,2-Dichloropropane

Concen: 51.586 ug/l

RT: 7.434 min Scan# 1041

Delta R.T. 0.007 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

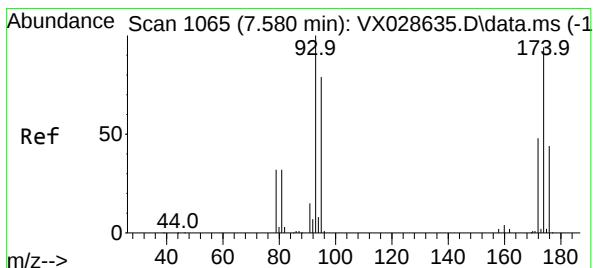
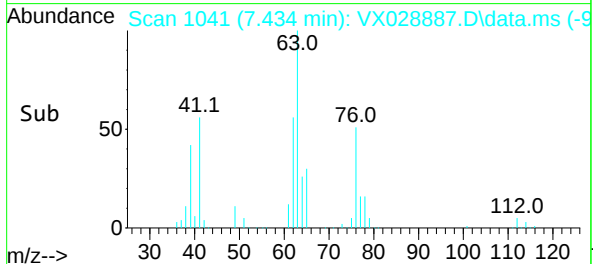
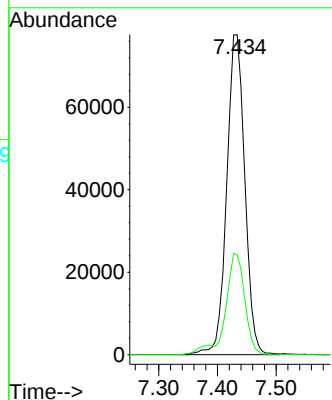
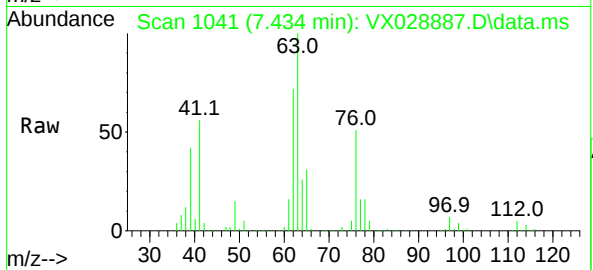
VSTDCCC050

Tgt Ion: 63 Resp: 165941

Ion Ratio Lower Upper

63 100

65 31.1 25.8 38.6



#46

Dibromomethane

Concen: 51.257 ug/l

RT: 7.580 min Scan# 1065

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

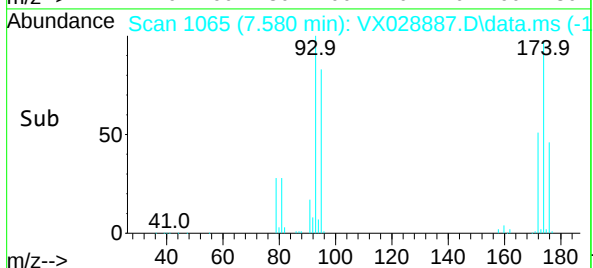
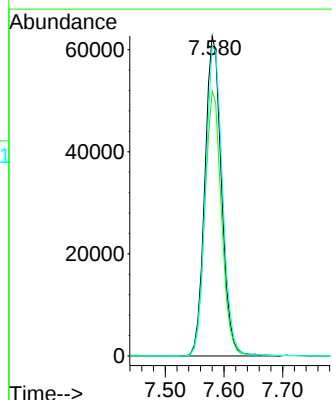
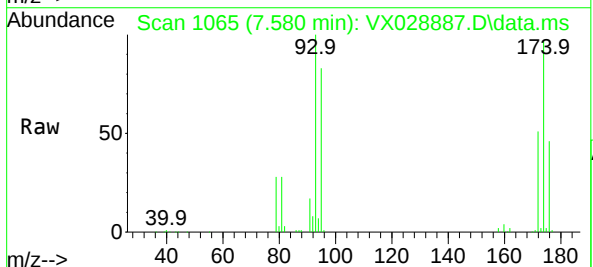
Tgt Ion: 93 Resp: 123133

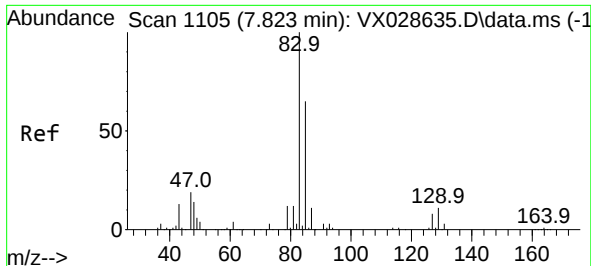
Ion Ratio Lower Upper

93 100

95 83.0 65.8 98.6

174 98.9 85.4 128.2

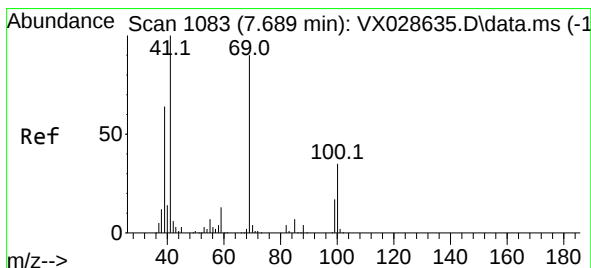
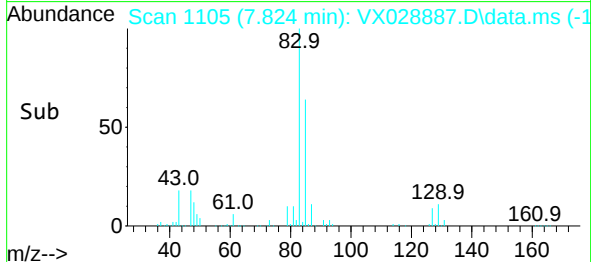
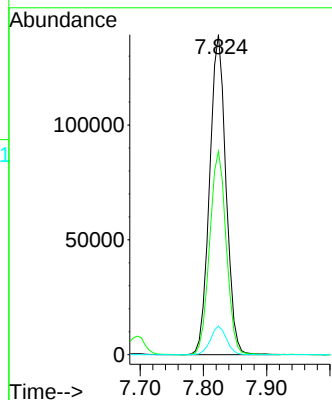
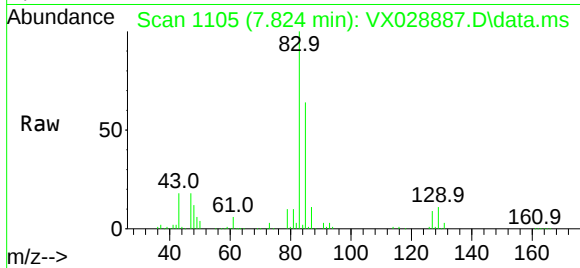




#47
Bromodichloromethane
Concen: 56.164 ug/l
RT: 7.824 min Scan# 1105
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

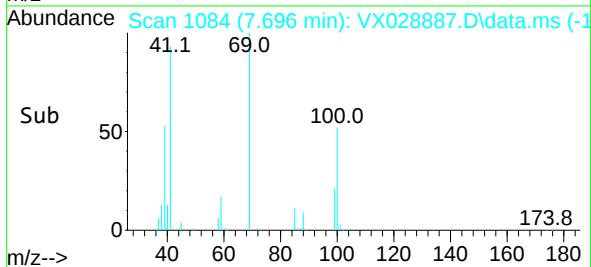
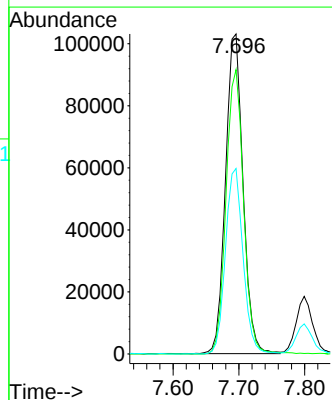
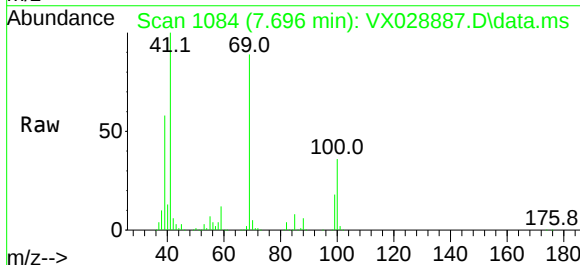
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

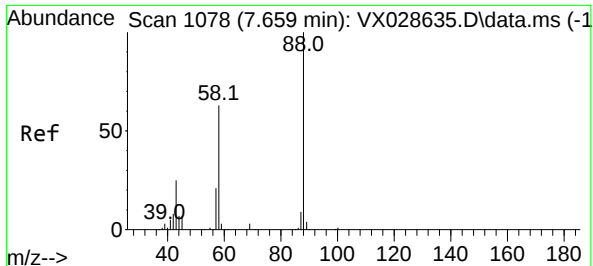
Tgt Ion: 83 Resp: 250492
Ion Ratio Lower Upper
83 100
85 63.6 52.2 78.2
127 8.9 6.8 10.2



#48
Methyl methacrylate
Concen: 54.065 ug/l
RT: 7.696 min Scan# 1084
Delta R.T. 0.007 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 41 Resp: 191451
Ion Ratio Lower Upper
41 100
69 88.9 82.5 123.7
39 58.4 43.8 65.8





#49

1,4-Dioxane

Concen: 949.587 ug/l

RT: 7.665 min Scan# 1078

Delta R.T. 0.006 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

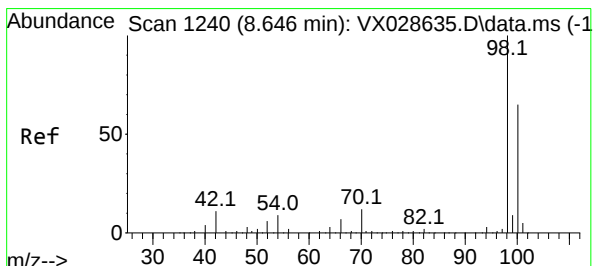
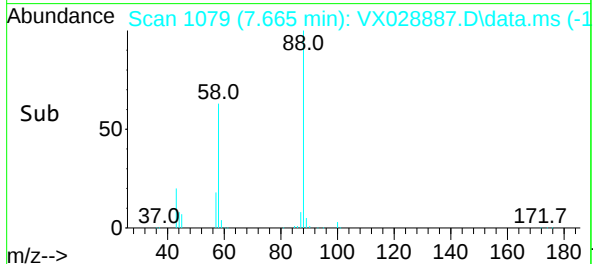
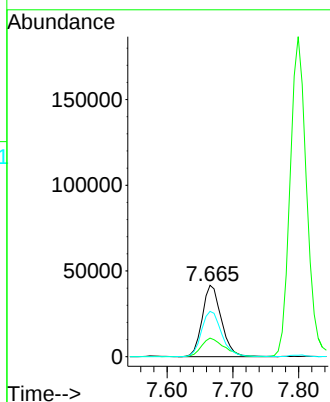
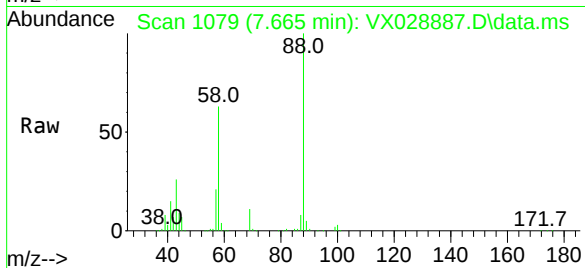
Tgt Ion: 88 Resp: 84005

Ion Ratio Lower Upper

88 100

43 30.7 21.9 32.9

58 66.8 53.7 80.5



#50

Toluene-d8

Concen: 51.827 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028887.D

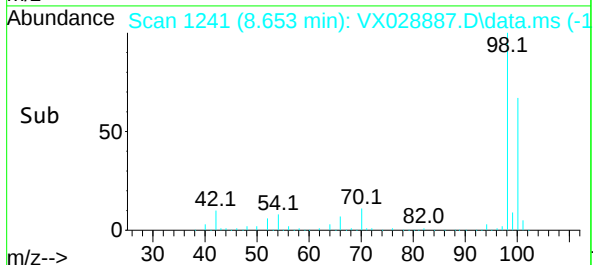
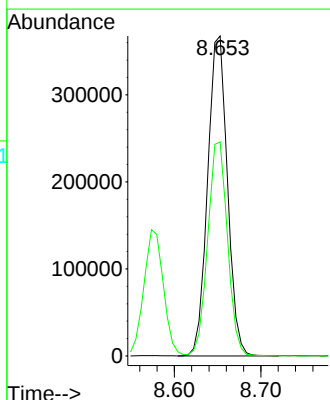
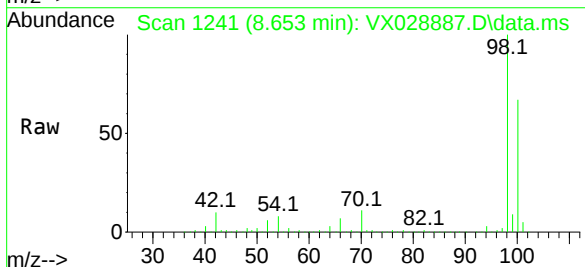
Acq: 23 May 2022 12:17

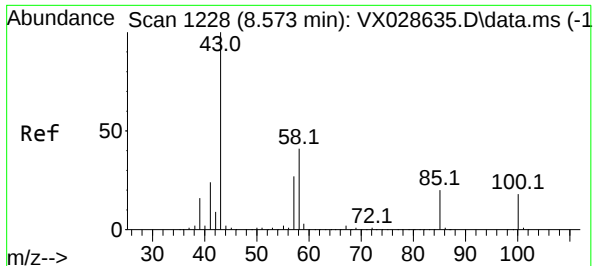
Tgt Ion: 98 Resp: 583609

Ion Ratio Lower Upper

98 100

100 66.8 52.6 78.8

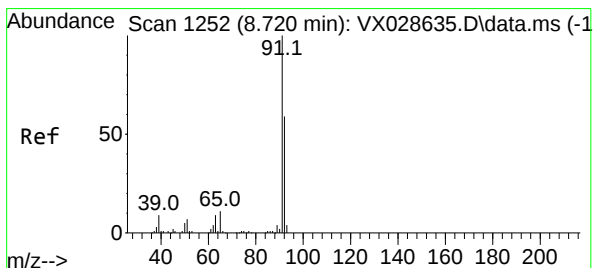
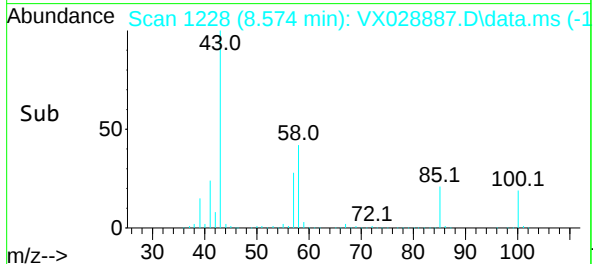
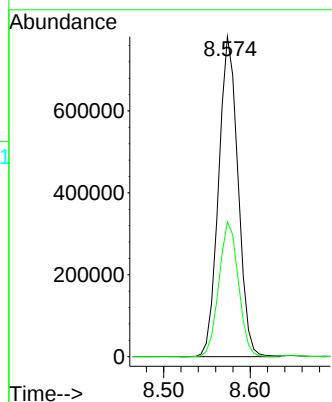
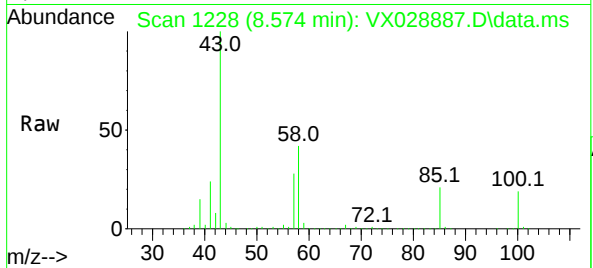




#51
4-Methyl-2-Pentanone
Concen: 252.059 ug/l
RT: 8.574 min Scan# 1228
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

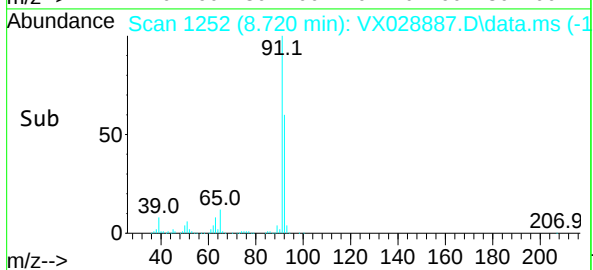
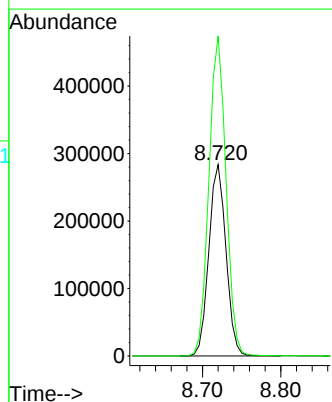
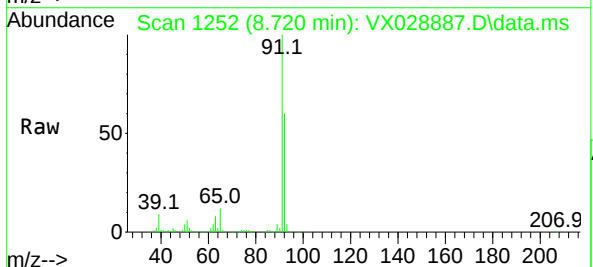
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

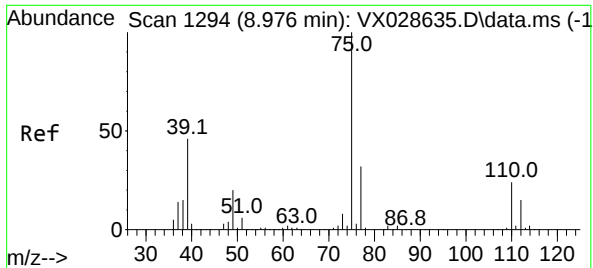
Tgt Ion: 43 Resp: 1217070
Ion Ratio Lower Upper
43 100
58 42.2 36.1 54.1



#52
Toluene
Concen: 51.846 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. -0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 92 Resp: 429998
Ion Ratio Lower Upper
92 100
91 167.2 137.5 206.3





#53

t-1,3-Dichloropropene

Concen: 52.082 ug/l

RT: 8.976 min Scan# 1194

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

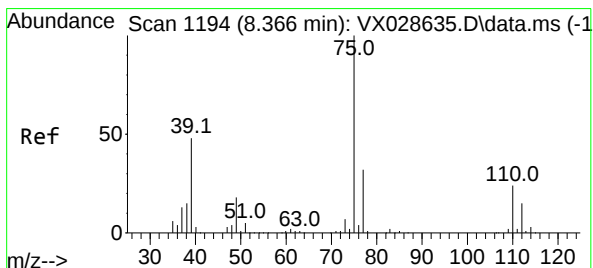
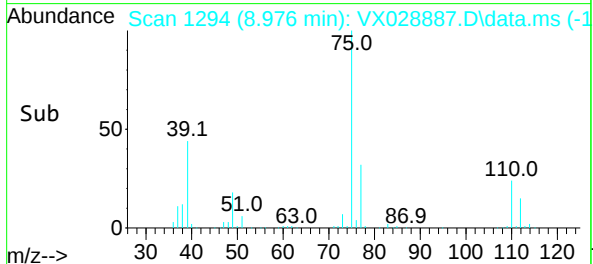
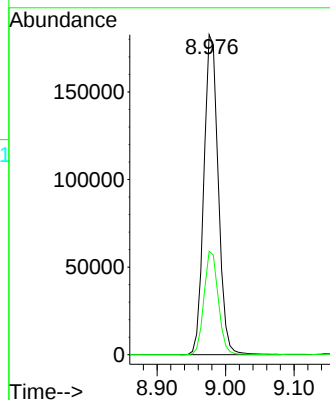
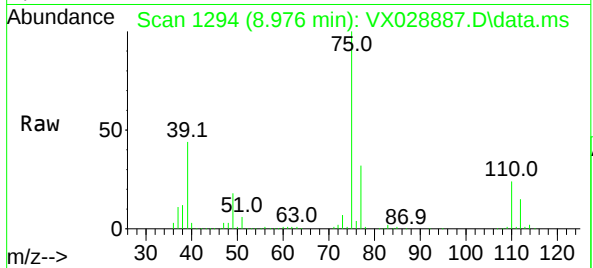
VSTDCCC050

Tgt Ion: 75 Resp: 267751

Ion Ratio Lower Upper

75 100

77 32.3 25.4 38.0



#54

cis-1,3-Dichloropropene

Concen: 56.605 ug/l

RT: 8.366 min Scan# 1194

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

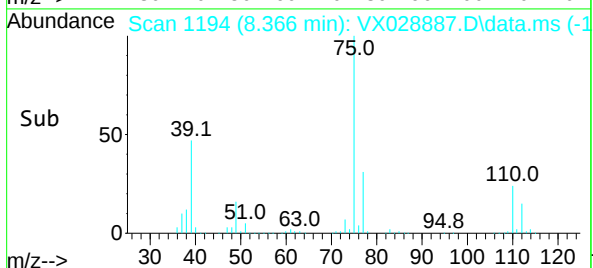
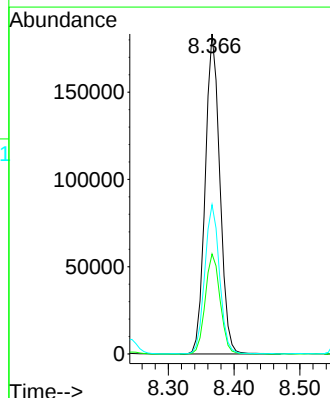
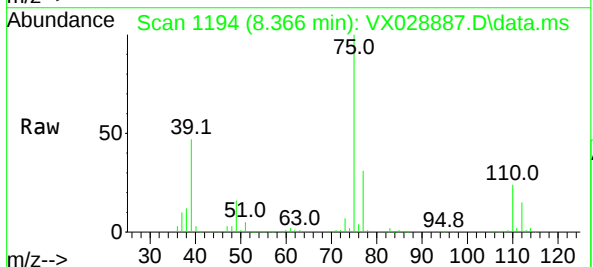
Tgt Ion: 75 Resp: 284066

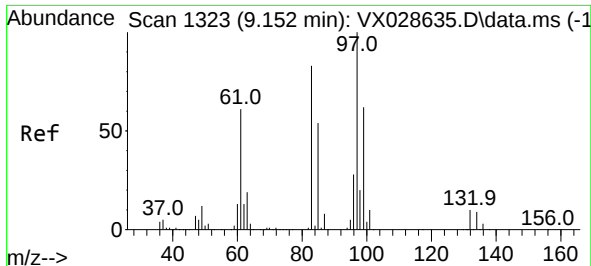
Ion Ratio Lower Upper

75 100

77 31.3 24.8 37.2

39 46.6 29.6 44.4#





#55

1,1,2-Trichloroethane

Concen: 53.164 ug/l

RT: 9.153 min Scan# 1

Delta R.T. 0.001 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

Tgt Ion: 97 Resp: 179797

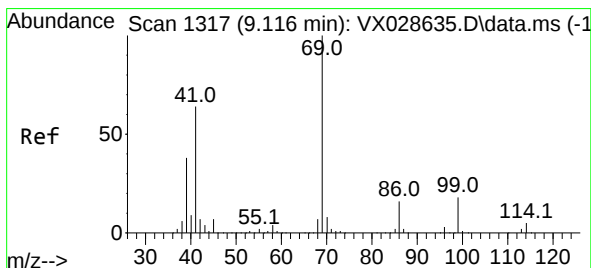
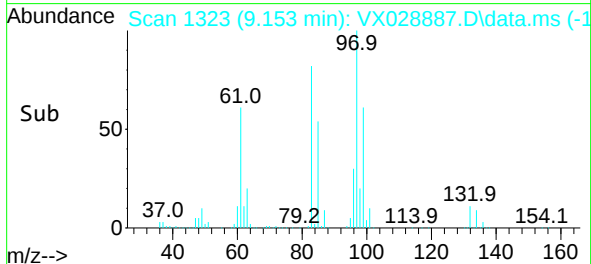
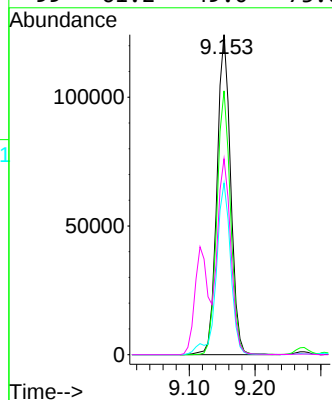
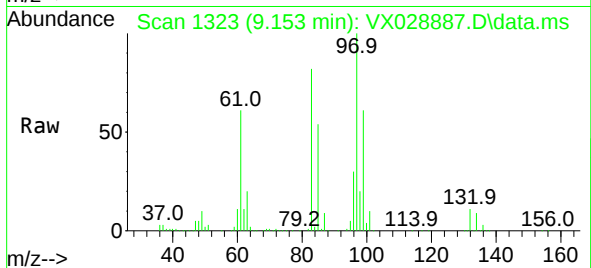
Ion Ratio Lower Upper

97 100

83 82.4 66.2 99.4

85 53.6 42.9 64.3

99 61.2 49.0 73.6



#56

Ethyl methacrylate

Concen: 55.291 ug/l

RT: 9.116 min Scan# 1317

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

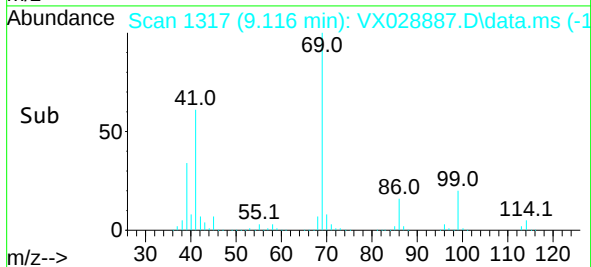
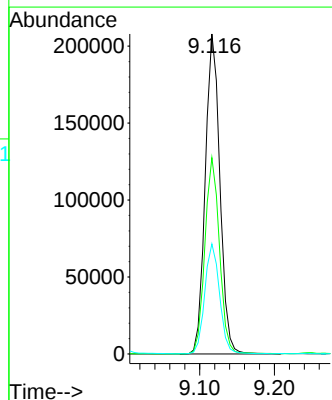
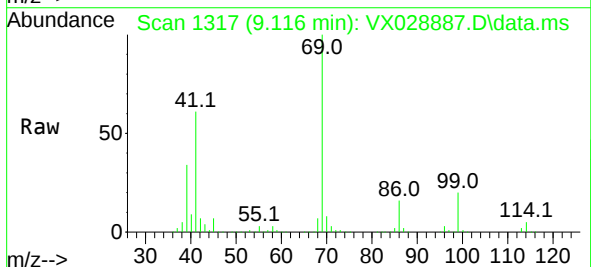
Tgt Ion: 69 Resp: 283170

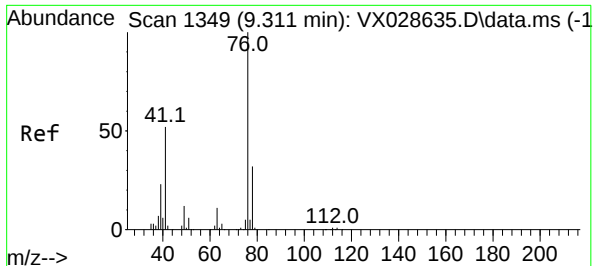
Ion Ratio Lower Upper

69 100

41 61.1 43.8 65.6

39 34.8 22.2 33.2#





#57

1,3-Dichloropropane

Concen: 52.187 ug/l

RT: 9.311 min Scan# 11349

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

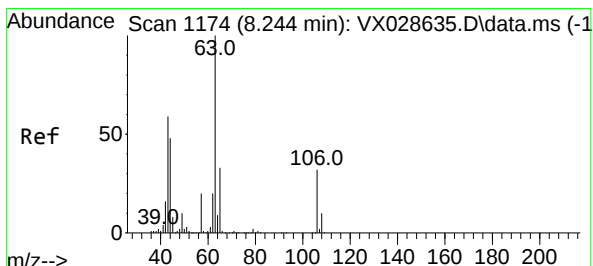
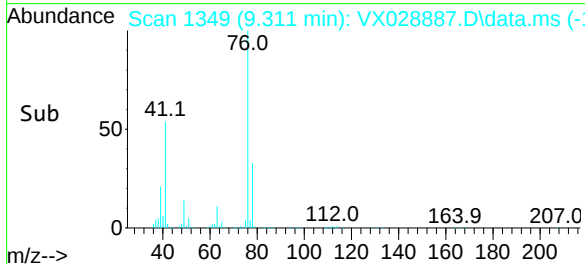
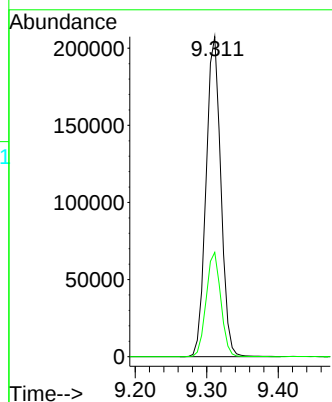
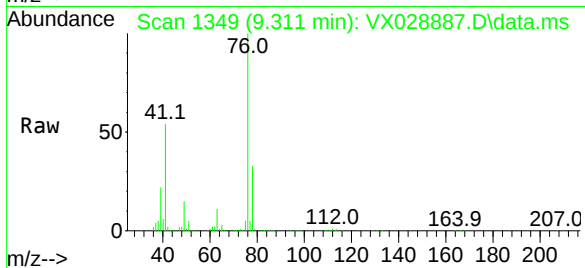
VSTDCCC050

Tgt Ion: 76 Resp: 297683

Ion Ratio Lower Upper

76 100

78 32.4 25.8 38.8



#58

2-Chloroethyl Vinyl ether

Concen: 255.200 ug/l

RT: 8.244 min Scan# 1174

Delta R.T. 0.000 min

Lab File: VX028887.D

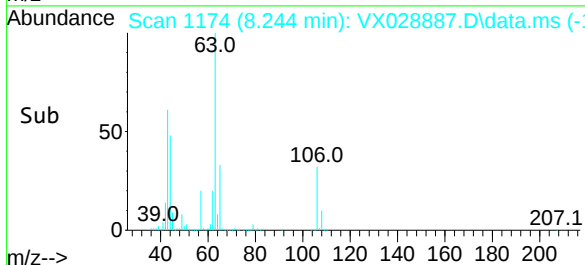
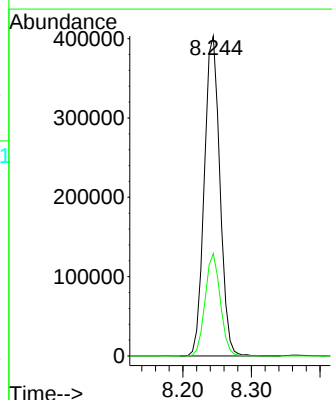
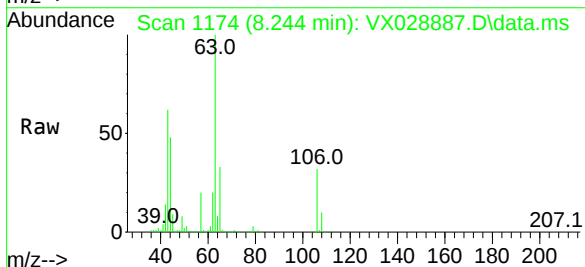
Acq: 23 May 2022 12:17

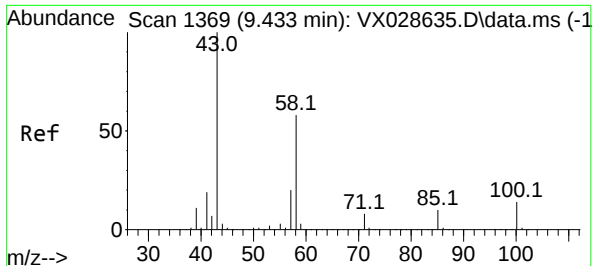
Tgt Ion: 63 Resp: 639884

Ion Ratio Lower Upper

63 100

106 31.1 23.9 35.9





#59

2-Hexanone

Concen: 255.012 ug/l

RT: 9.433 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

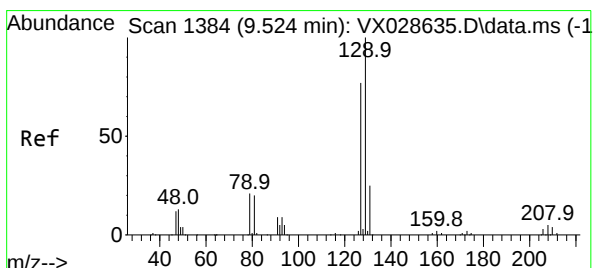
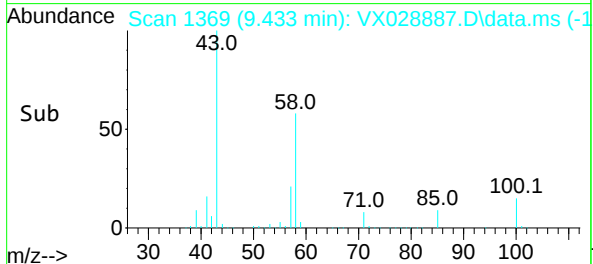
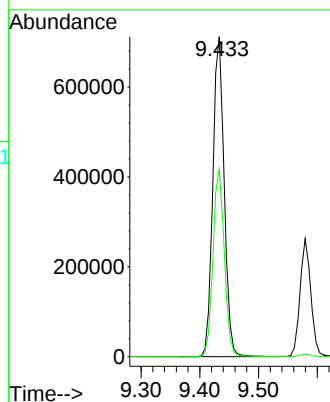
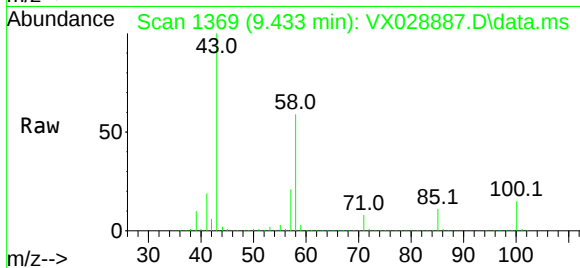
VSTDCCC050

Tgt Ion: 43 Resp: 956654

Ion Ratio Lower Upper

43 100

58 58.6 31.9 95.7



#60

Dibromochloromethane

Concen: 58.464 ug/l

RT: 9.525 min Scan# 1384

Delta R.T. 0.001 min

Lab File: VX028887.D

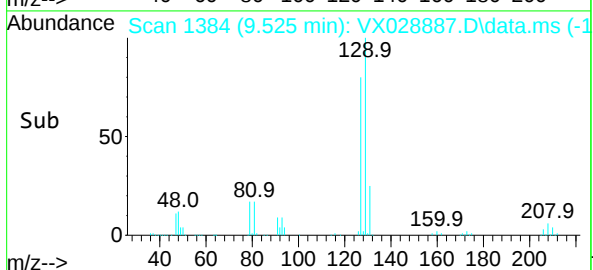
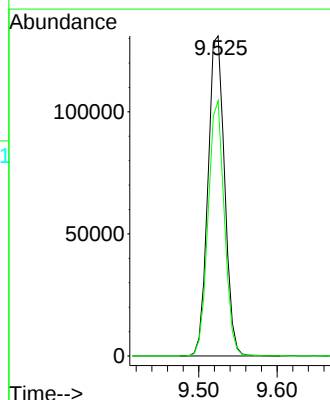
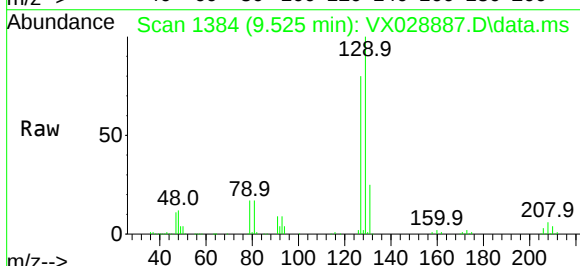
Acq: 23 May 2022 12:17

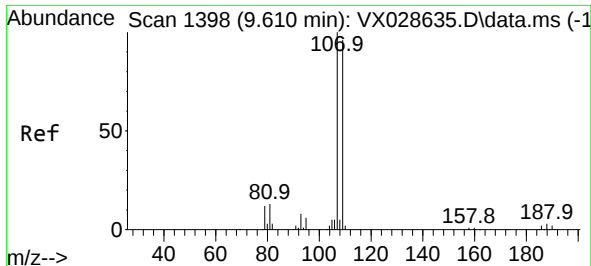
Tgt Ion: 129 Resp: 192831

Ion Ratio Lower Upper

129 100

127 77.9 40.3 120.8

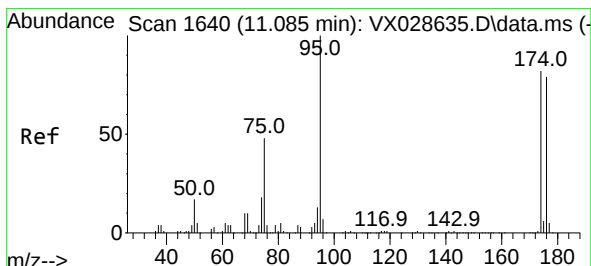
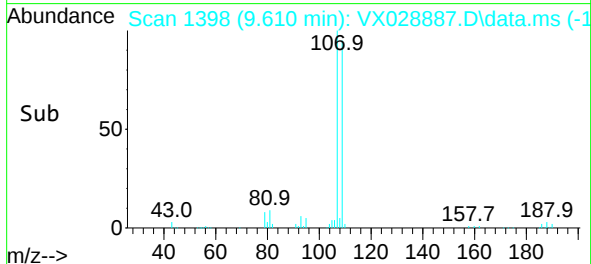
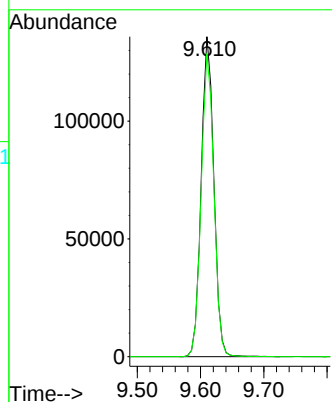
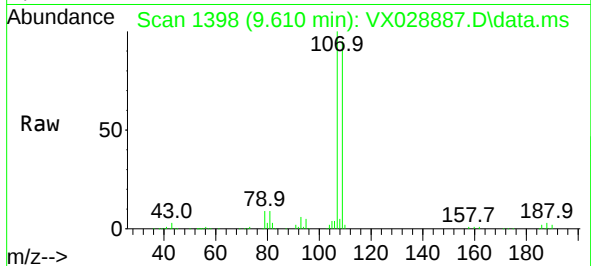




#61
1,2-Dibromoethane
Concen: 53.241 ug/l
RT: 9.610 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

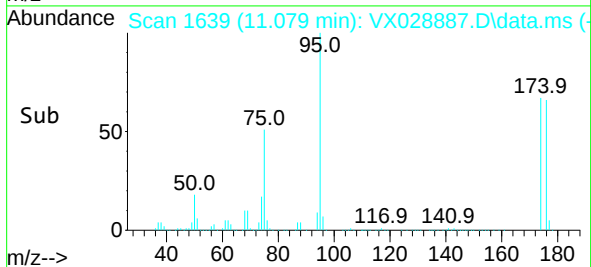
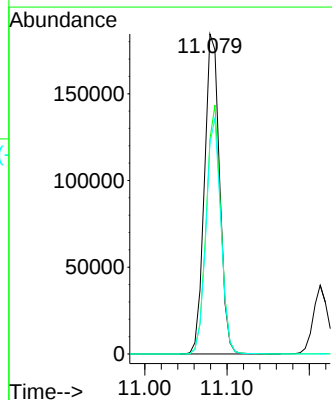
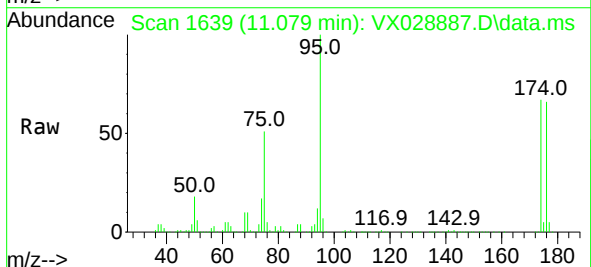
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

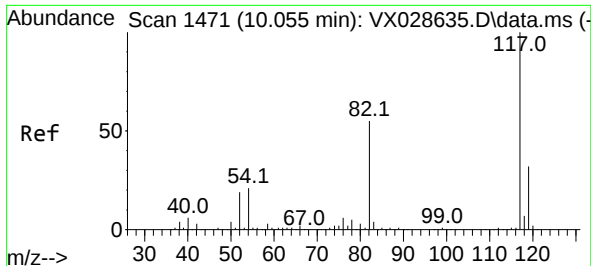
Tgt Ion:107 Resp: 189115
Ion Ratio Lower Upper
107 100
109 95.2 74.4 111.6



#62
4-Bromofluorobenzene
Concen: 56.172 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 95 Resp: 236256
Ion Ratio Lower Upper
95 100
174 74.7 0.0 163.0
176 72.0 0.0 155.0

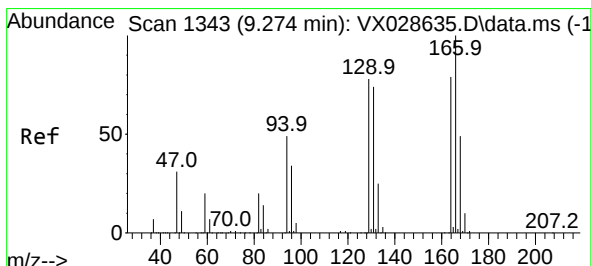
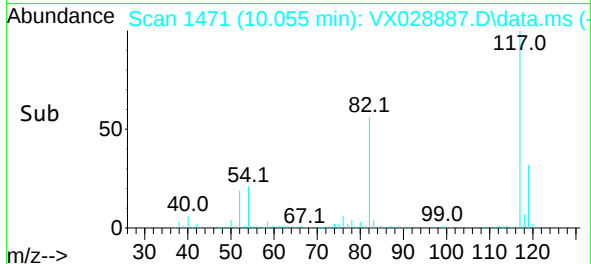
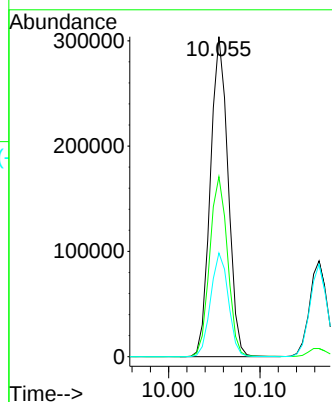
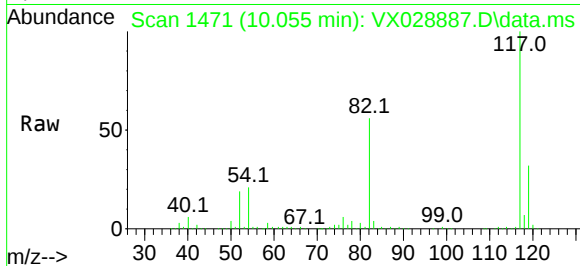




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

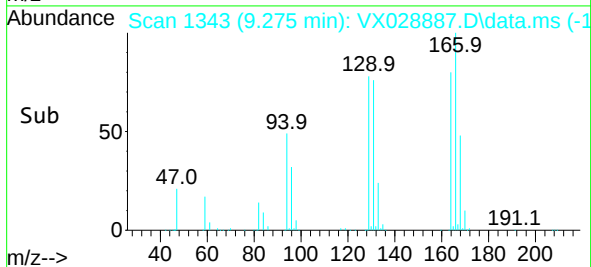
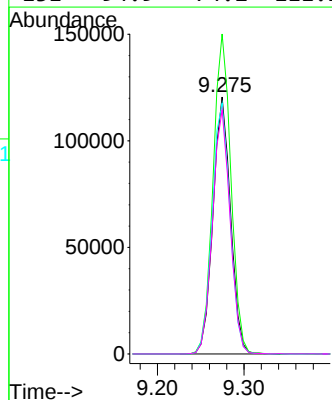
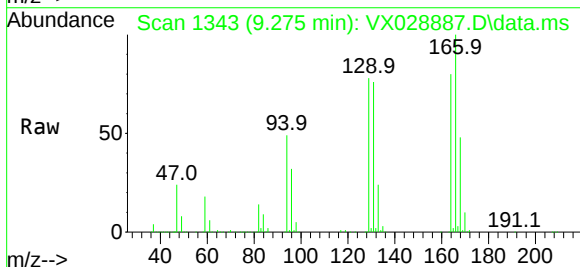
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

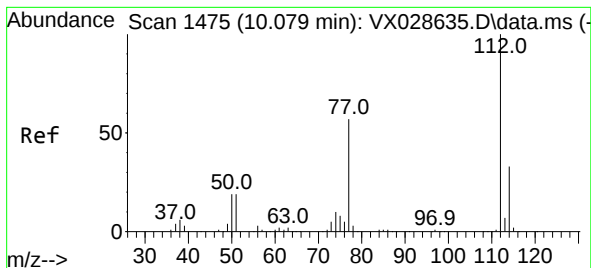
Tgt Ion:117 Resp: 409294
Ion Ratio Lower Upper
117 100
82 56.3 41.8 62.8
119 32.4 24.8 37.2



#64
Tetrachloroethene
Concen: 54.807 ug/l
RT: 9.275 min Scan# 1343
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:164 Resp: 169400
Ion Ratio Lower Upper
164 100
166 124.5 101.2 151.8
129 97.6 73.0 109.4
131 94.9 74.2 111.2





#65

Chlorobenzene

Concen: 53.632 ug/l

RT: 10.079 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

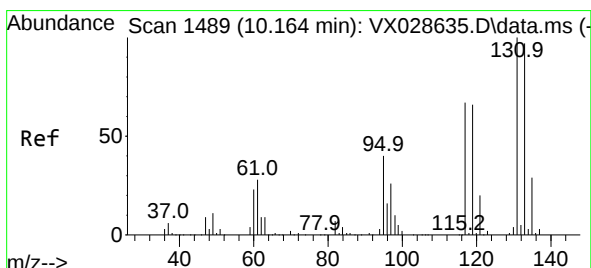
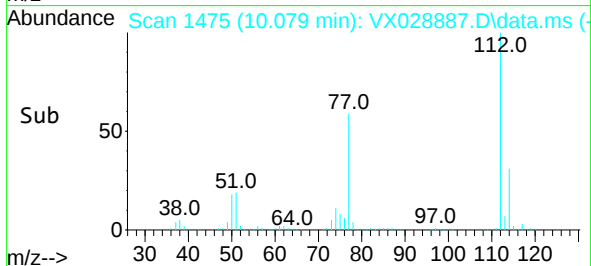
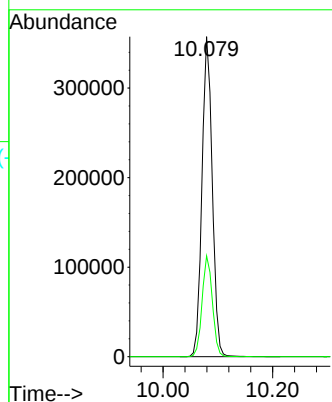
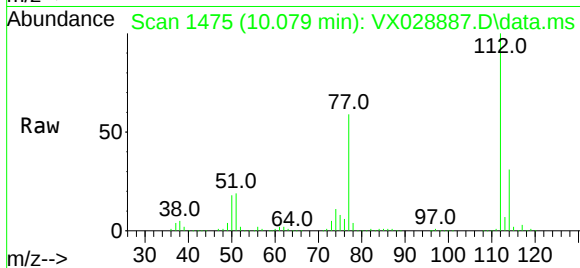
VSTDCCC050

Tgt Ion:112 Resp: 465681

Ion Ratio Lower Upper

112 100

114 31.5 25.8 38.8



#66

1,1,1,2-Tetrachloroethane

Concen: 59.054 ug/l

RT: 10.165 min Scan# 1489

Delta R.T. 0.001 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

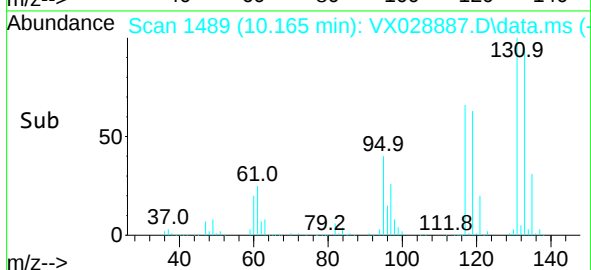
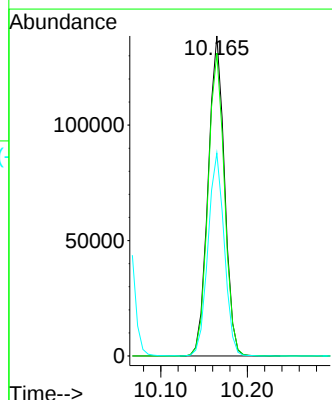
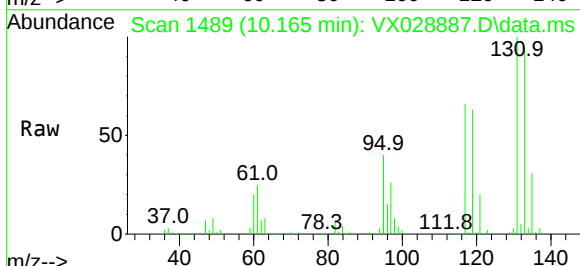
Tgt Ion:131 Resp: 181638

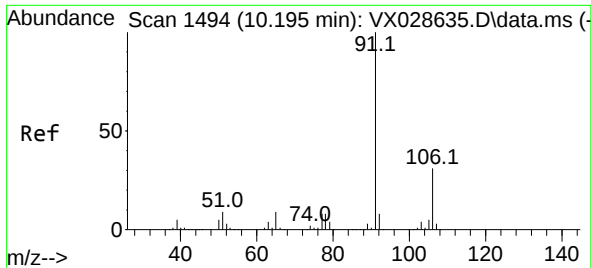
Ion Ratio Lower Upper

131 100

133 95.0 48.3 144.8

119 63.1 32.6 98.0





#67

Ethyl Benzene

Concen: 54.102 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

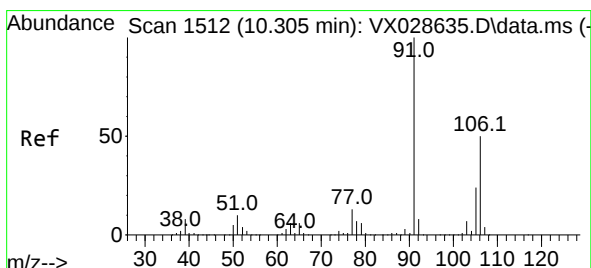
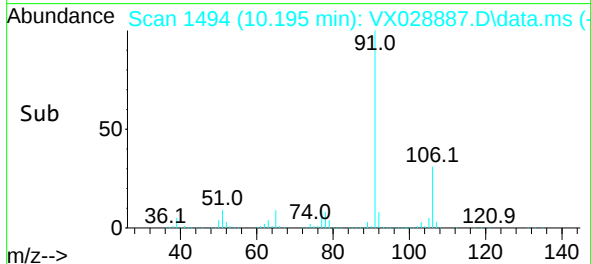
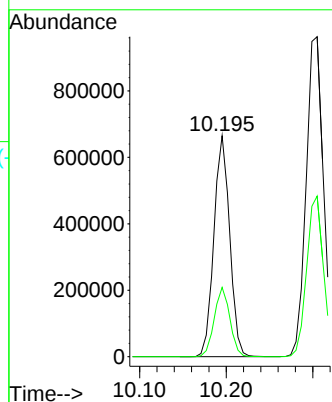
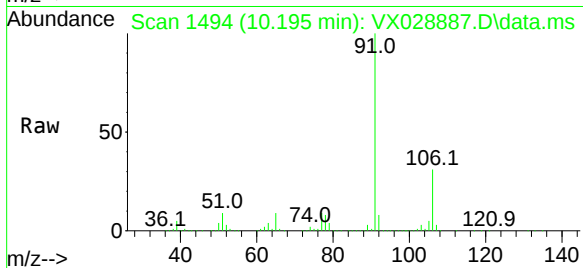
VSTDCCC050

Tgt Ion: 91 Resp: 842006

Ion Ratio Lower Upper

91 100

106 31.3 24.6 36.8



#68

m/p-Xylenes

Concen: 107.459 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. -0.000 min

Lab File: VX028887.D

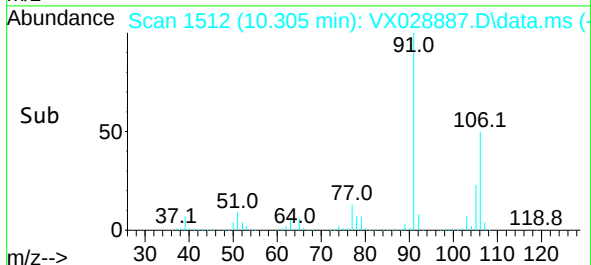
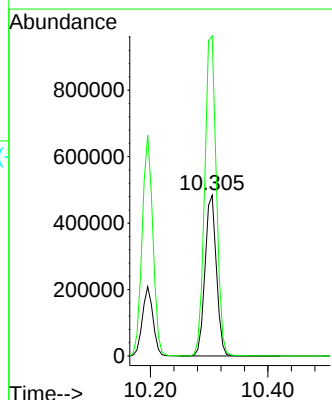
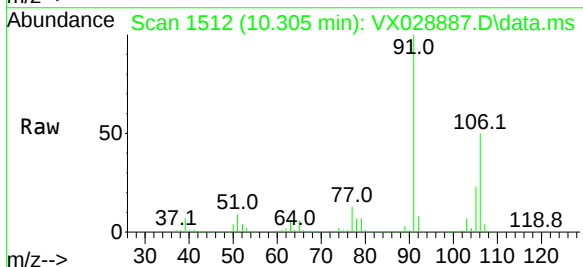
Acq: 23 May 2022 12:17

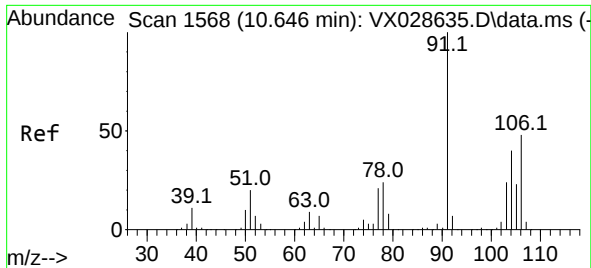
Tgt Ion:106 Resp: 651114

Ion Ratio Lower Upper

106 100

91 204.0 160.4 240.6

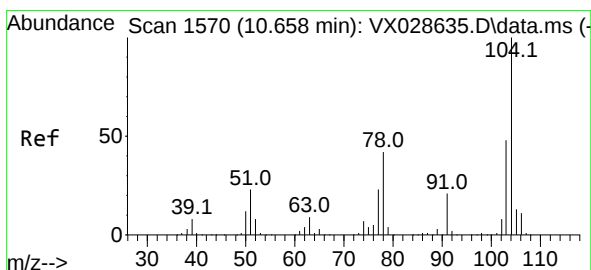
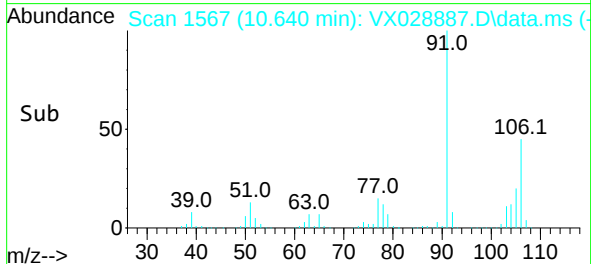
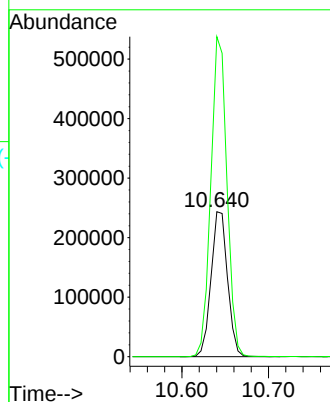
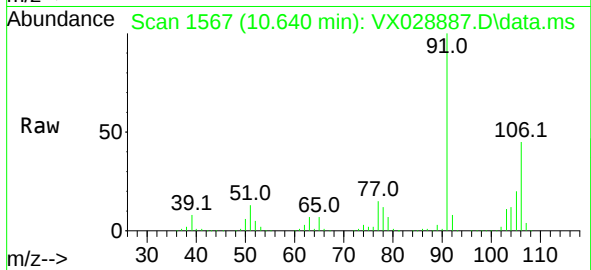




#69
o-Xylene
Concen: 53.965 ug/l
RT: 10.640 min Scan# 1568
Delta R.T. -0.006 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

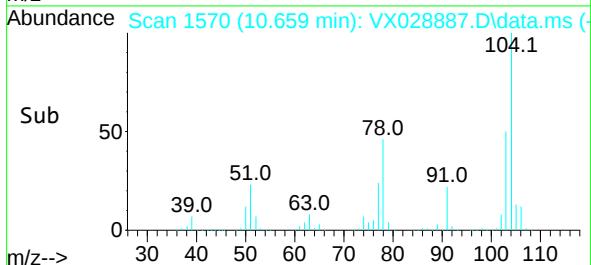
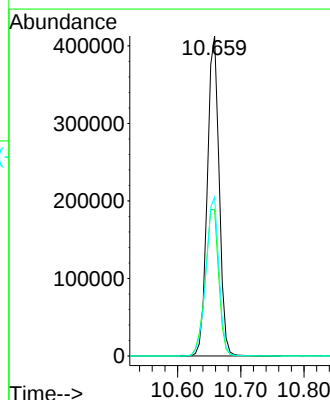
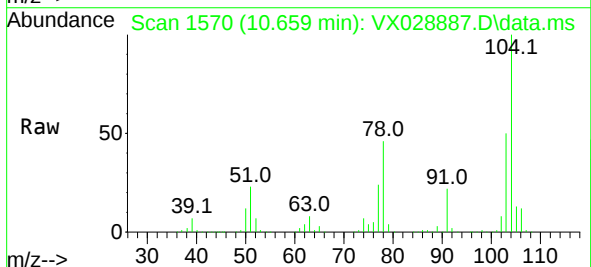
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

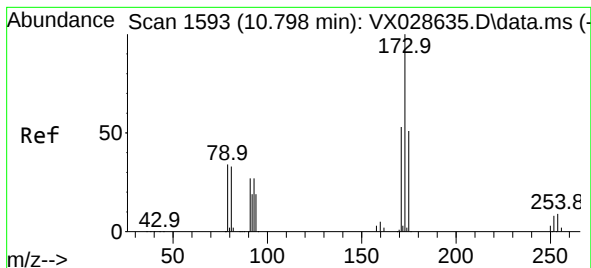
Tgt Ion:106 Resp: 321933
Ion Ratio Lower Upper
106 100
91 216.0 106.1 318.1



#70
Styrene
Concen: 55.628 ug/l
RT: 10.659 min Scan# 1570
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:104 Resp: 538917
Ion Ratio Lower Upper
104 100
78 52.2 38.6 57.8
103 54.4 43.8 65.8

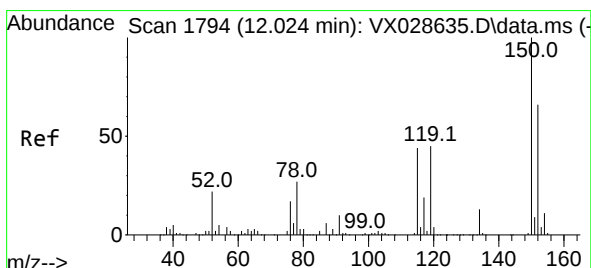
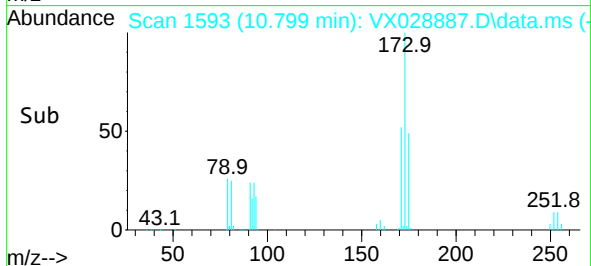
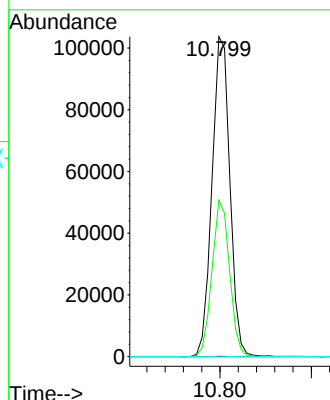
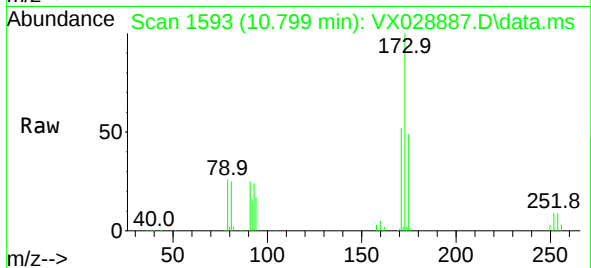




#71
Bromoform
Concen: 55.039 ug/l
RT: 10.799 min Scan# 1593
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

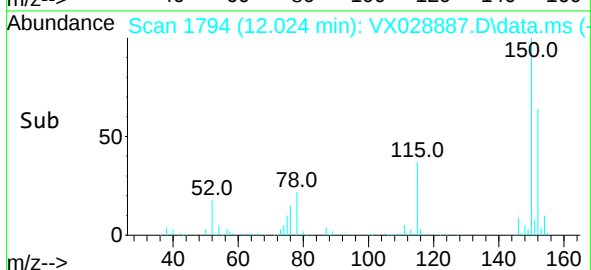
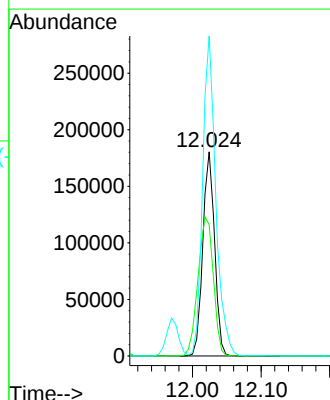
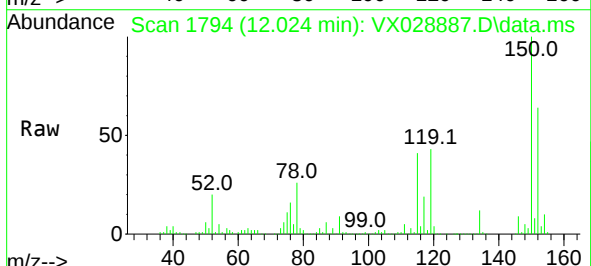
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

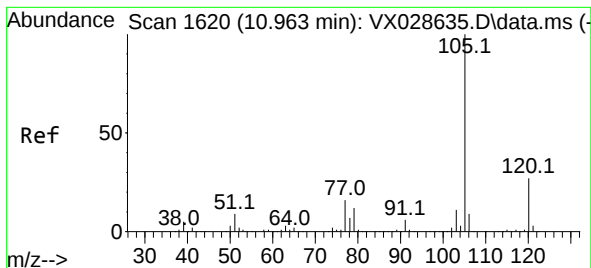
Tgt Ion:173 Resp: 140783
Ion Ratio Lower Upper
173 100
175 48.1 24.1 72.2
254 0.1 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:152 Resp: 216258
Ion Ratio Lower Upper
152 100
115 88.7 37.5 112.7
150 174.5 0.0 338.2





#73

Isopropylbenzene

Concen: 52.032 ug/l

RT: 10.963 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

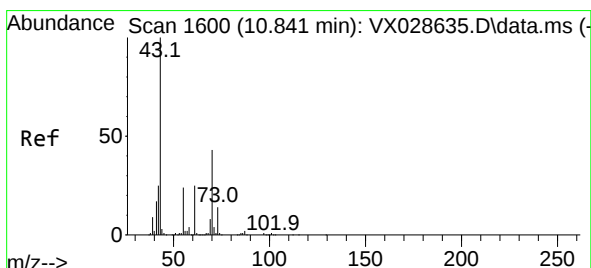
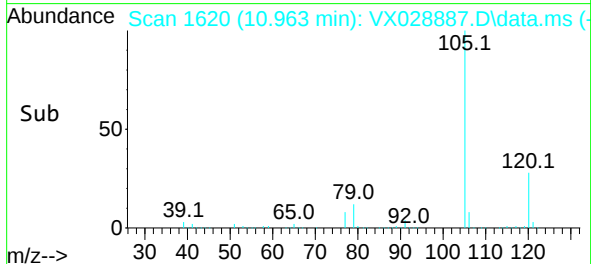
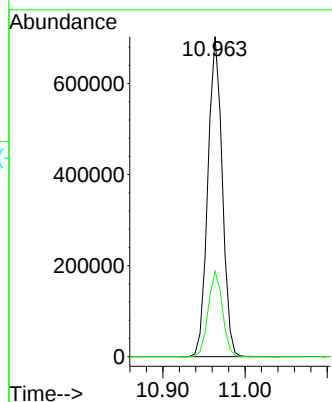
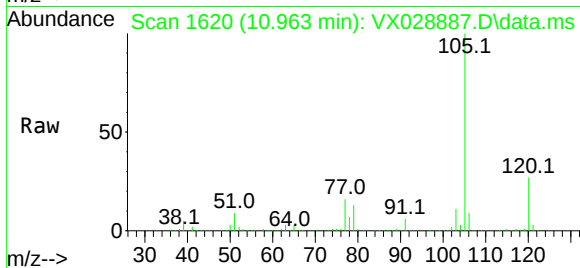
VSTDCCC050

Tgt Ion:105 Resp: 853318

Ion Ratio Lower Upper

105 100

120 26.4 13.5 40.5



#74

N-ethyl acetate

Concen: 51.335 ug/l

RT: 10.841 min Scan# 1600

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Tgt Ion: 43 Resp: 330943

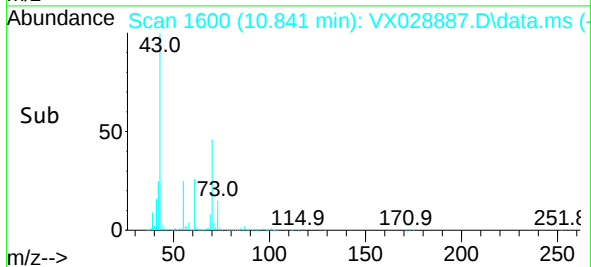
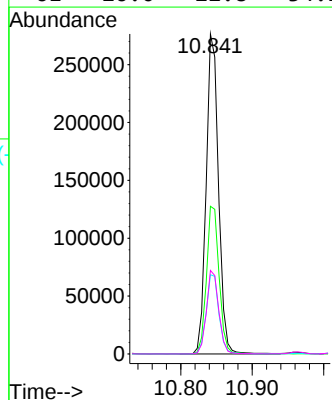
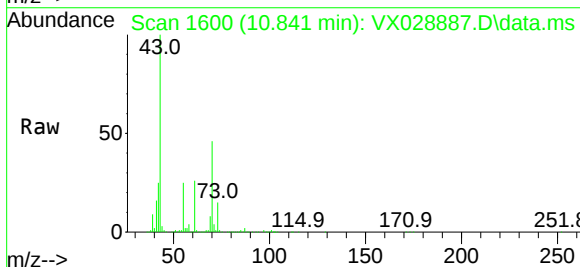
Ion Ratio Lower Upper

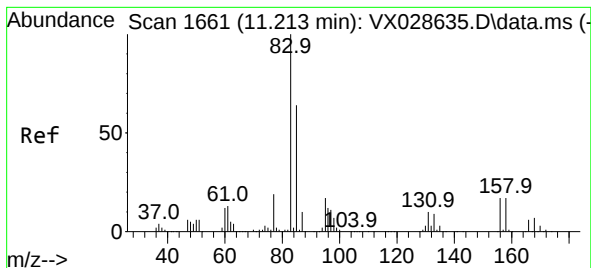
43 100

70 47.4 42.5 63.7

55 25.7 23.1 34.7

61 26.0 22.8 34.2





#75

1,1,2,2-Tetrachloroethane

Concen: 50.798 ug/l

RT: 11.213 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

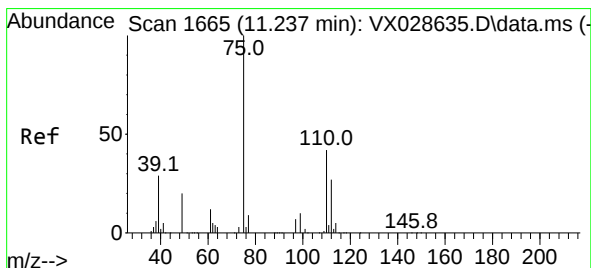
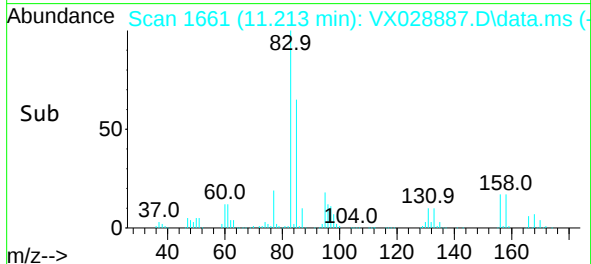
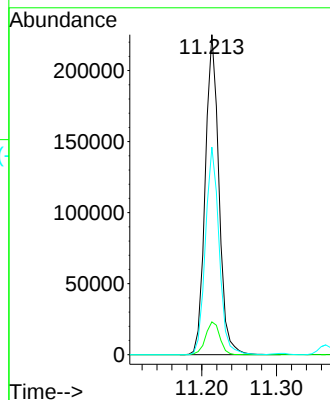
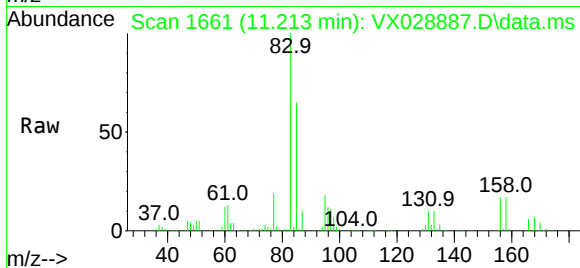
Tgt Ion: 83 Resp: 285798

Ion Ratio Lower Upper

83 100

131 10.7 5.1 15.3

85 65.0 32.6 97.7



#76

1,2,3-Trichloropropane

Concen: 64.350 ug/l

RT: 11.238 min Scan# 1665

Delta R.T. 0.001 min

Lab File: VX028887.D

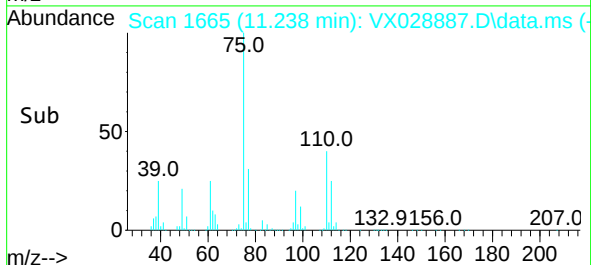
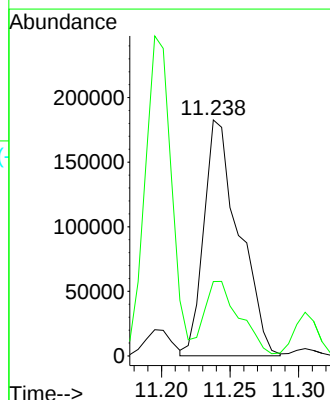
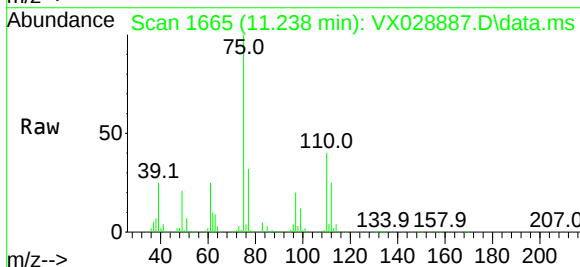
Acq: 23 May 2022 12:17

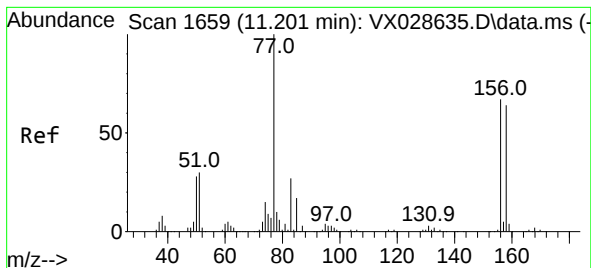
Tgt Ion: 75 Resp: 325903

Ion Ratio Lower Upper

75 100

77 32.1 19.4 58.2





#77

Bromobenzene

Concen: 52.571 ug/l

RT: 11.201 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

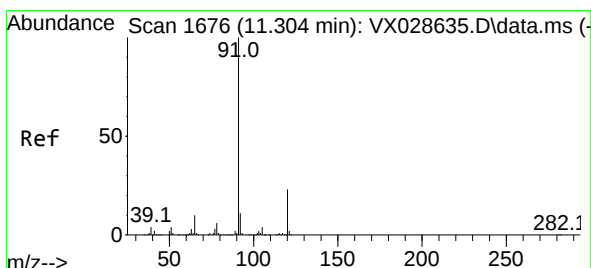
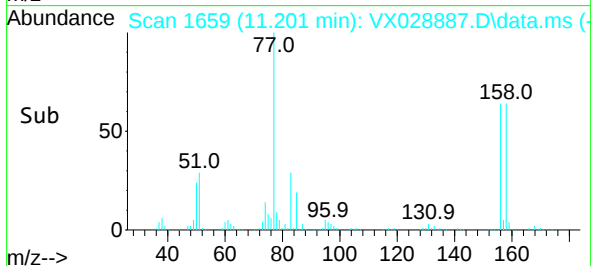
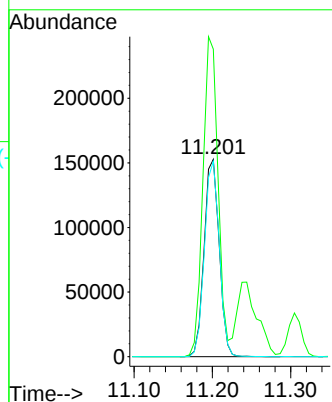
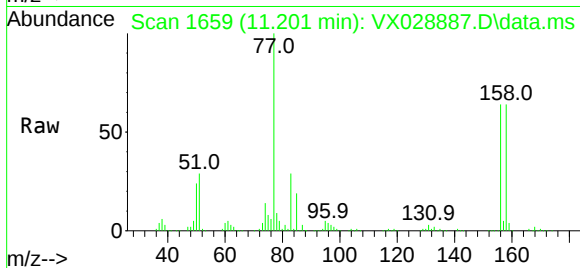
Tgt Ion:156 Resp: 203998

Ion Ratio Lower Upper

156 100

77 161.9 78.5 235.3

158 97.7 50.2 150.7



#78

n-propylbenzene

Concen: 52.314 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.001 min

Lab File: VX028887.D

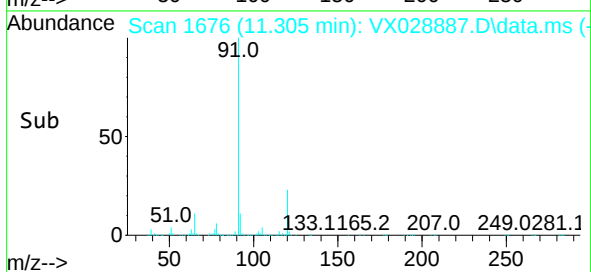
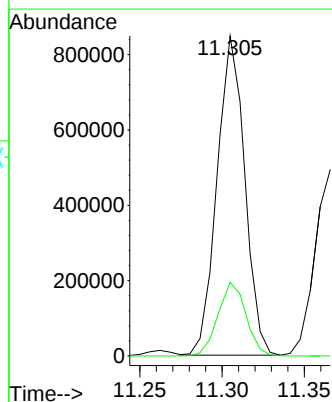
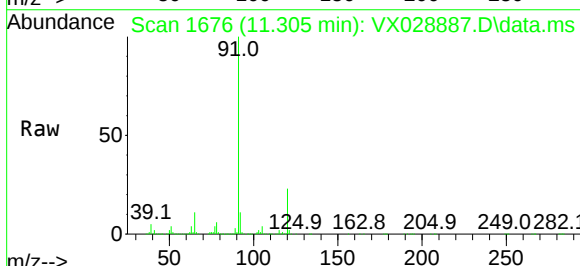
Acq: 23 May 2022 12:17

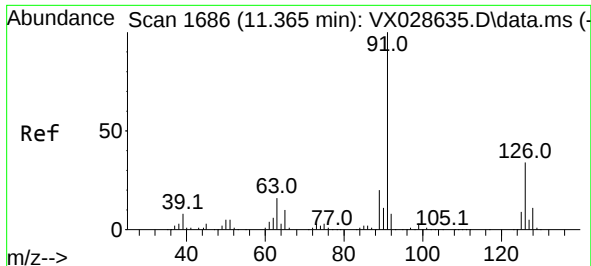
Tgt Ion: 91 Resp: 992402

Ion Ratio Lower Upper

91 100

120 23.3 11.6 34.8

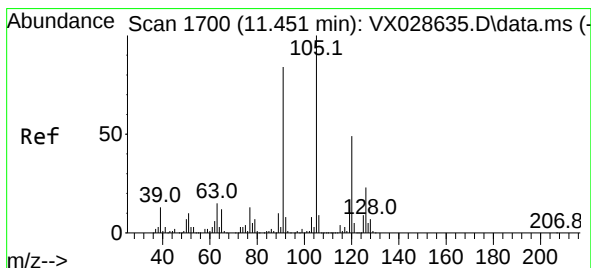
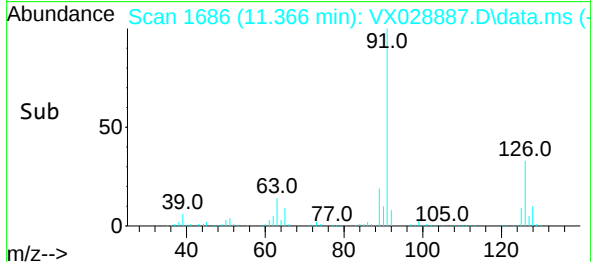
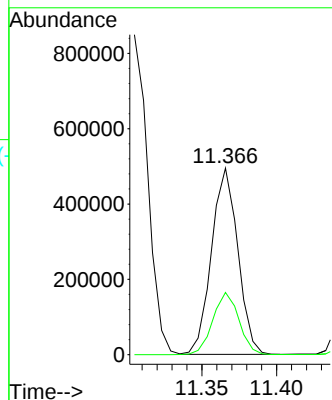
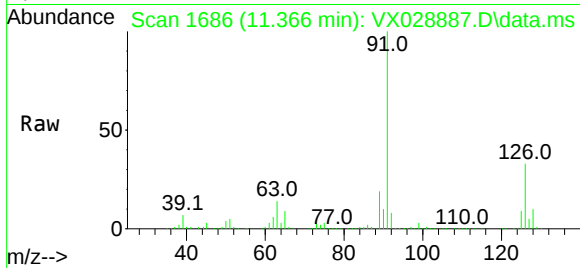




#79
2-Chlorotoluene
Concen: 52.106 ug/l
RT: 11.366 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

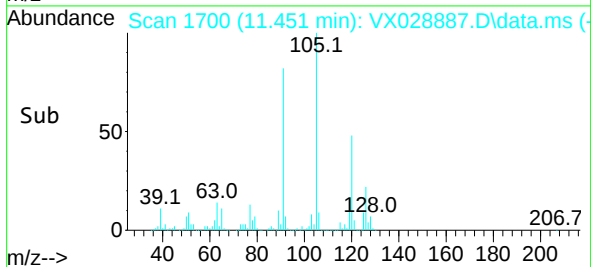
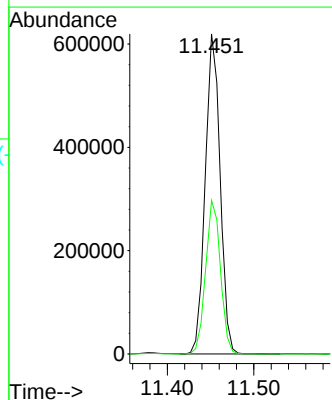
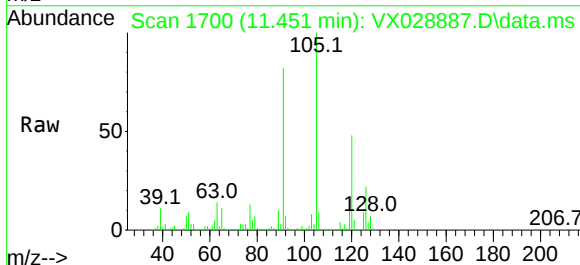
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

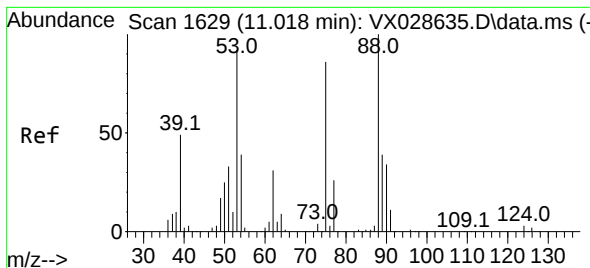
Tgt Ion: 91 Resp: 605831
Ion Ratio Lower Upper
91 100
126 33.1 17.3 51.9



#80
1,3,5-Trimethylbenzene
Concen: 54.065 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 105 Resp: 738809
Ion Ratio Lower Upper
105 100
120 47.9 24.3 72.9

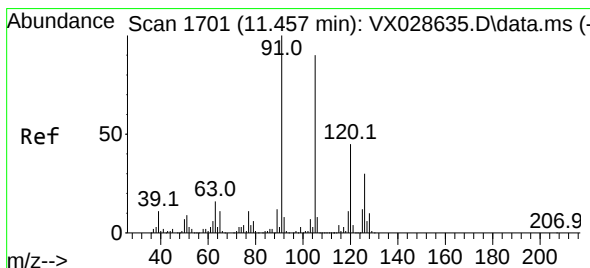
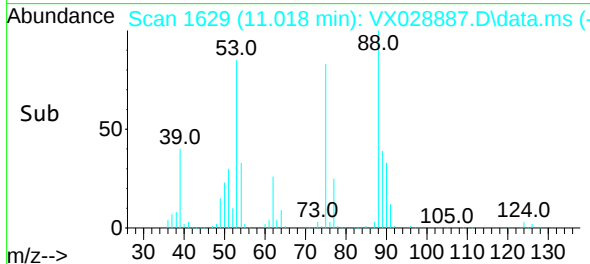
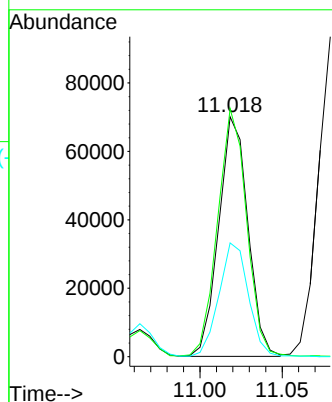
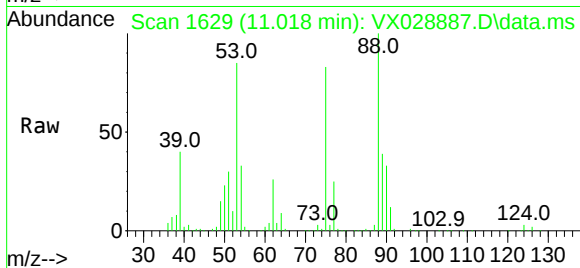




#81
trans-1,4-Dichloro-2-butene
Concen: 50.762 ug/l
RT: 11.018 min Scan# 1629
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

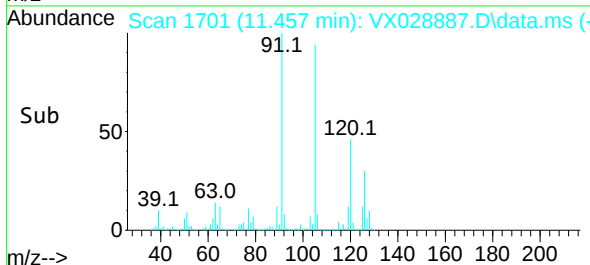
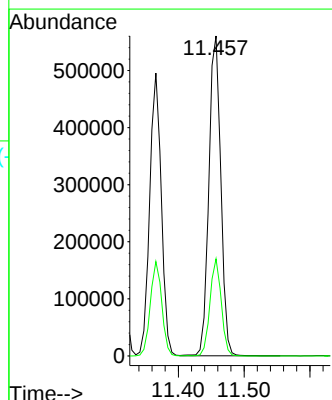
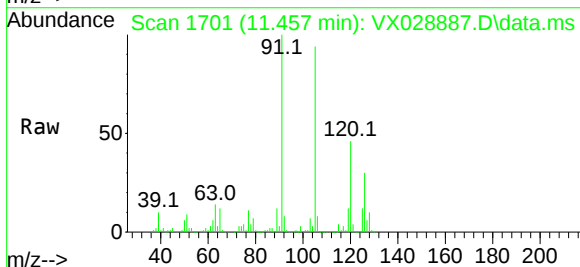
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

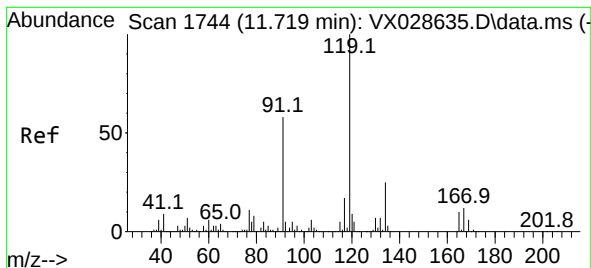
Tgt Ion: 75 Resp: 86286
Ion Ratio Lower Upper
75 100
53 102.8 69.0 103.4
89 48.3 37.0 55.6



#82
4-Chlorotoluene
Concen: 52.522 ug/l
RT: 11.457 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 91 Resp: 705976
Ion Ratio Lower Upper
91 100
126 28.8 14.9 44.5





#83

tert-Butylbenzene

Concen: 55.229 ug/l

RT: 11.719 min Scan# 1744

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

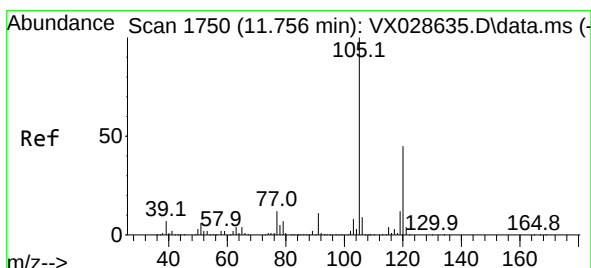
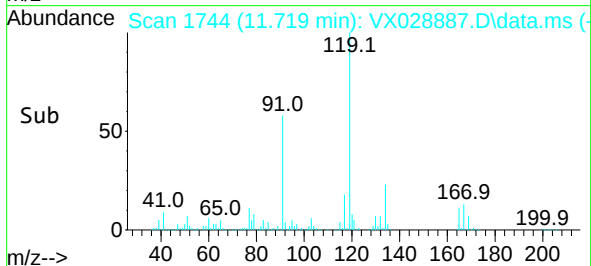
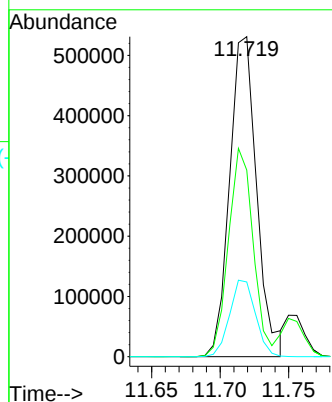
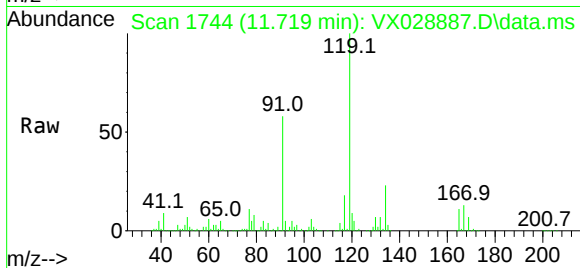
Tgt Ion:119 Resp: 730729

Ion Ratio Lower Upper

119 100

91 59.4 26.9 80.6

134 22.8 11.4 34.2



#84

1,2,4-Trimethylbenzene

Concen: 53.666 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VX028887.D

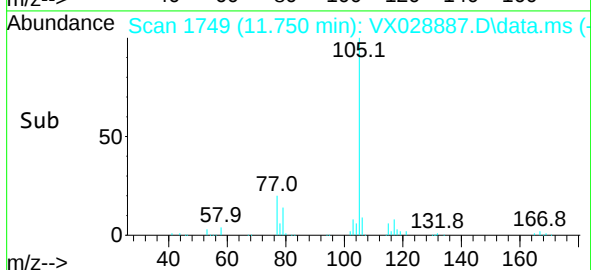
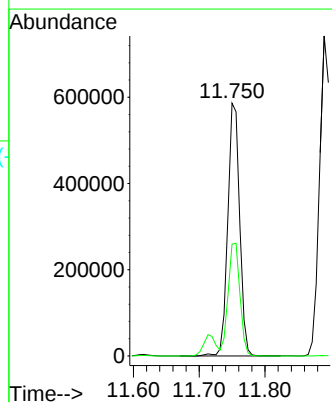
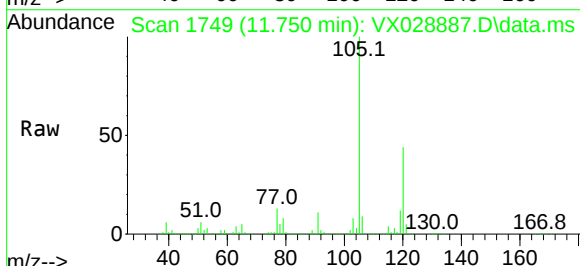
Acq: 23 May 2022 12:17

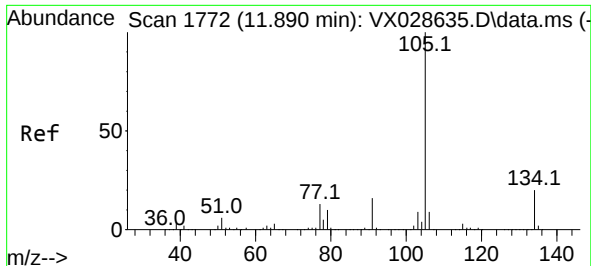
Tgt Ion:105 Resp: 735397

Ion Ratio Lower Upper

105 100

120 44.5 22.6 67.8

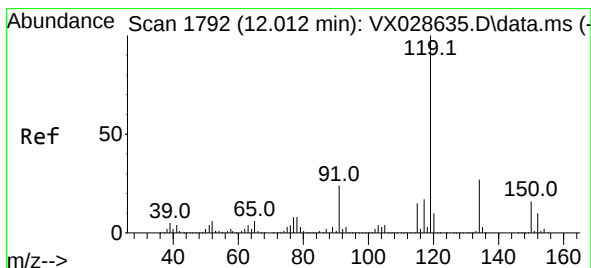
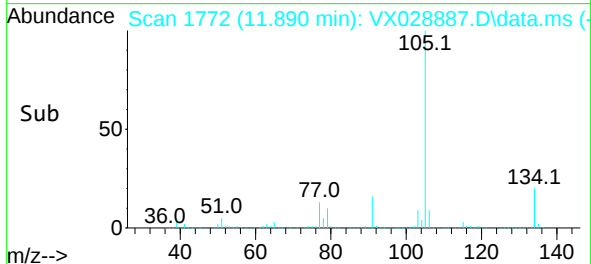
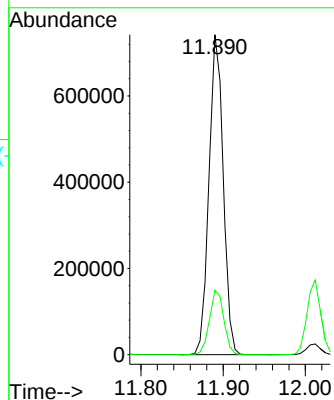
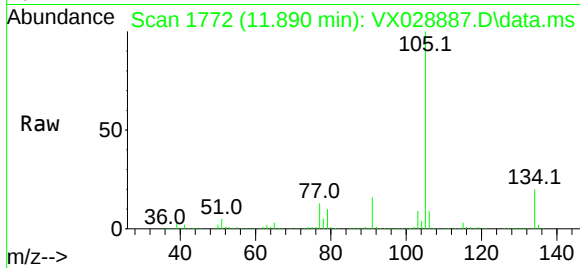




#85
 sec-Butylbenzene
 Concen: 54.731 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

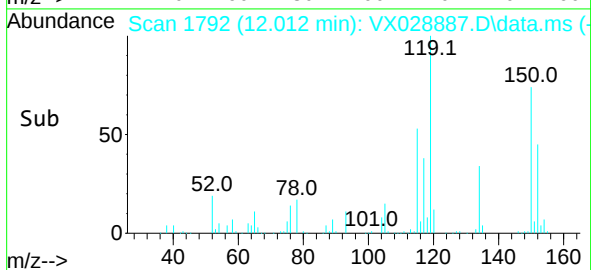
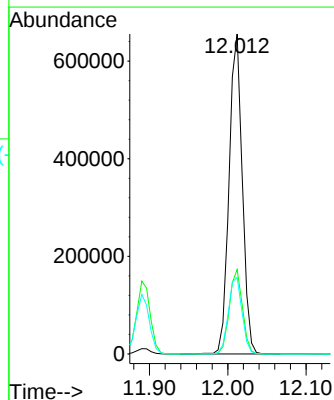
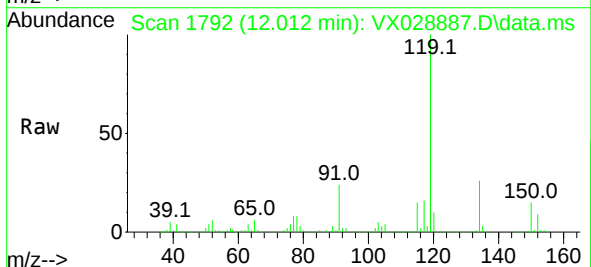
Instrument :
 MSVOA_X
 ClientSampleId :
 VSTDCCC050

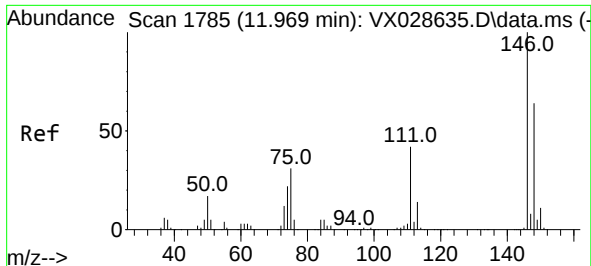
Tgt Ion:105 Resp: 893228
 Ion Ratio Lower Upper
 105 100
 134 20.4 10.2 30.4



#86
 p-Isopropyltoluene
 Concen: 56.080 ug/l
 RT: 12.012 min Scan# 1792
 Delta R.T. 0.000 min
 Lab File: VX028887.D
 Acq: 23 May 2022 12:17

Tgt Ion:119 Resp: 767996
 Ion Ratio Lower Upper
 119 100
 134 26.2 13.0 39.0
 91 24.7 11.3 33.9

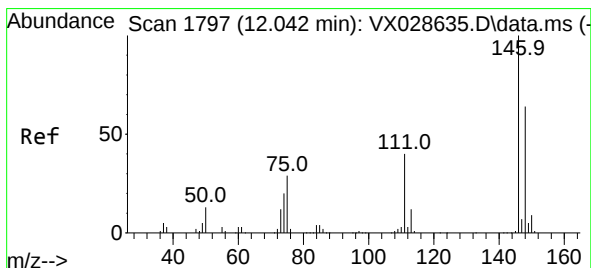
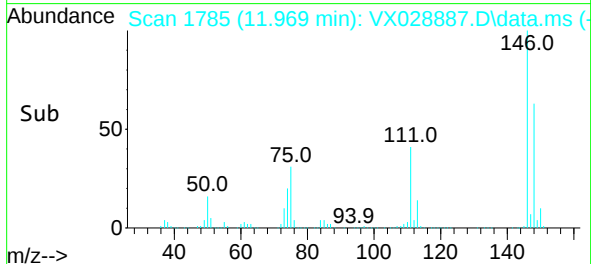
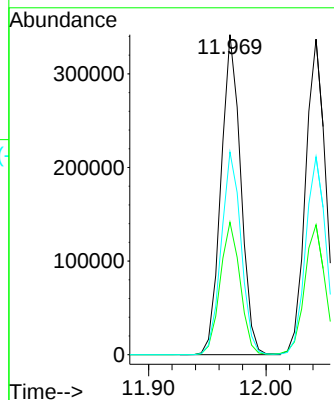
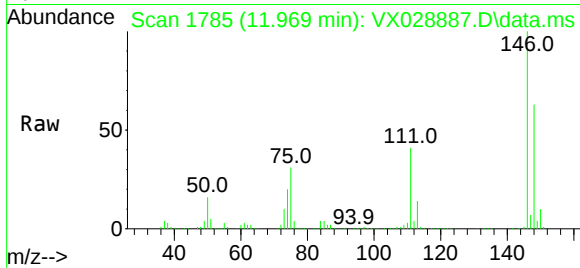




#87
1,3-Dichlorobenzene
Concen: 52.628 ug/l
RT: 11.969 min Scan# 1785
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

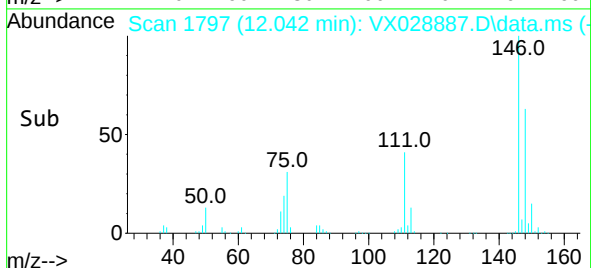
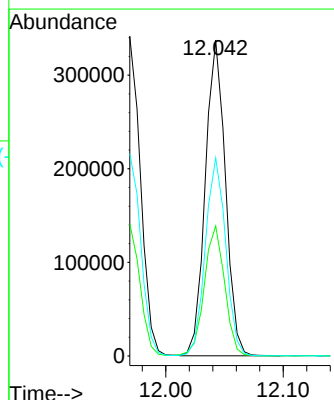
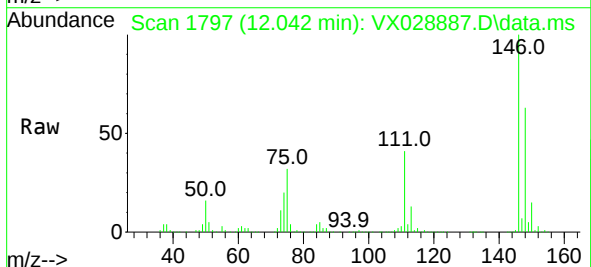
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

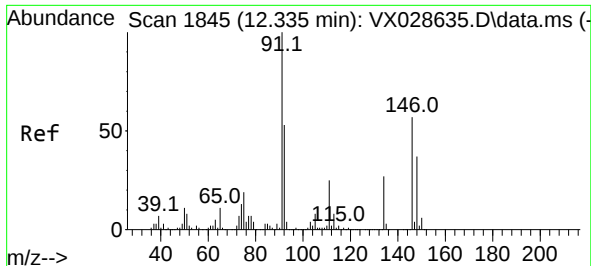
Tgt Ion:146 Resp: 400562
Ion Ratio Lower Upper
146 100
111 41.9 19.7 59.1
148 63.5 31.6 94.7



#88
1,4-Dichlorobenzene
Concen: 50.836 ug/l
RT: 12.042 min Scan# 1797
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion:146 Resp: 401334
Ion Ratio Lower Upper
146 100
111 41.6 19.2 57.6
148 63.4 32.3 96.9

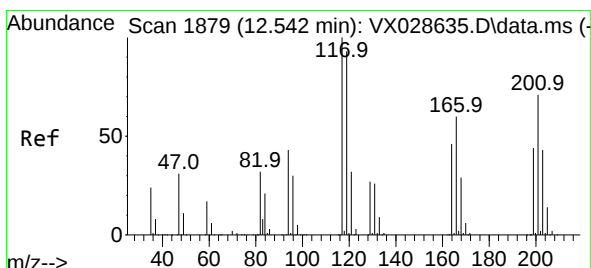
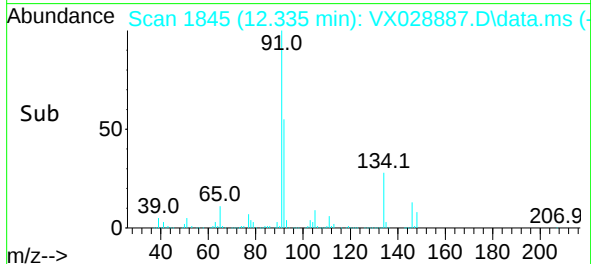
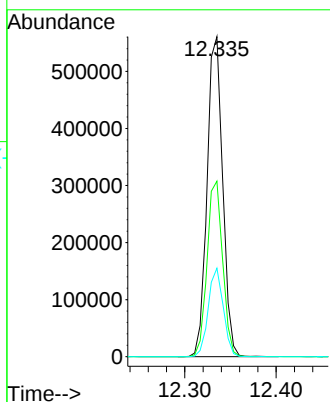
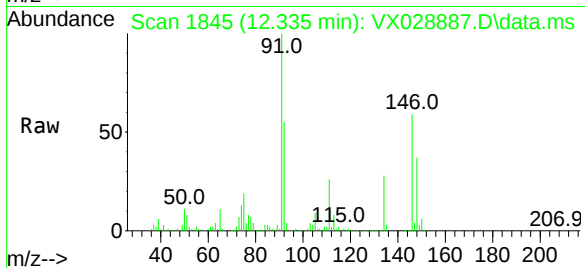




#89
n-Butylbenzene
Concen: 55.871 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

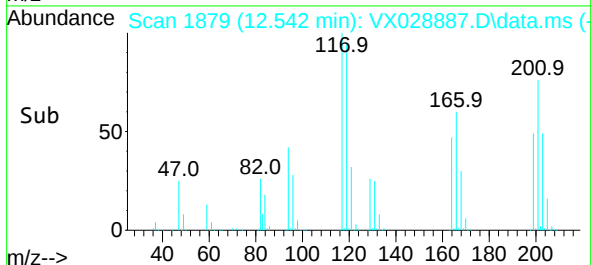
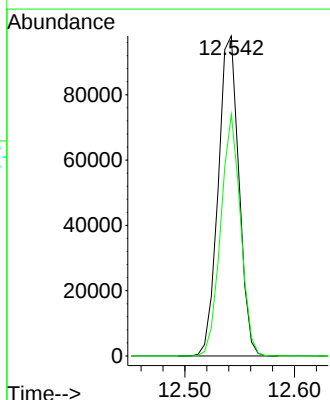
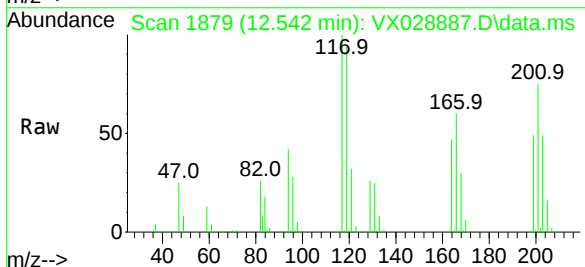
Instrument :
MSVOA_X
ClientSampleId :
VSTDCCC050

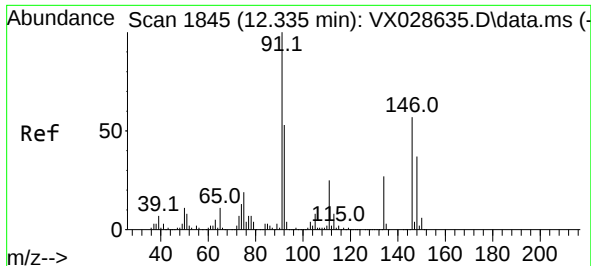
Tgt Ion: 91 Resp: 662950
Ion Ratio Lower Upper
91 100
92 54.8 27.8 83.3
134 26.6 13.3 39.8



#90
Hexachloroethane
Concen: 58.084 ug/l
RT: 12.542 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VX028887.D
Acq: 23 May 2022 12:17

Tgt Ion: 117 Resp: 128634
Ion Ratio Lower Upper
117 100
201 72.1 39.5 118.5





#91

1,2-Dichlorobenzene

Concen: 53.631 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

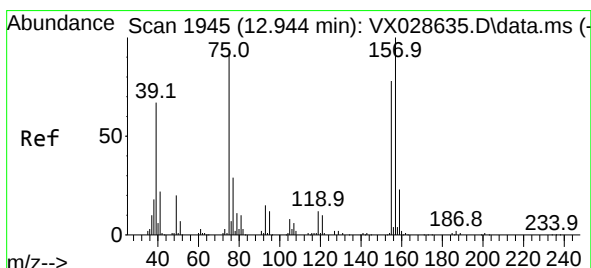
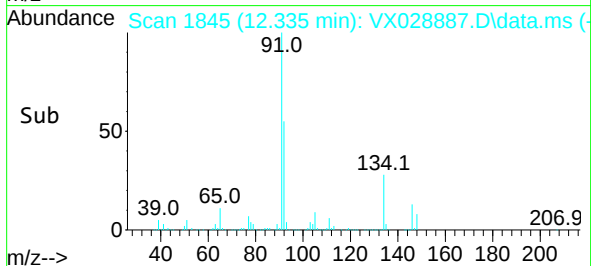
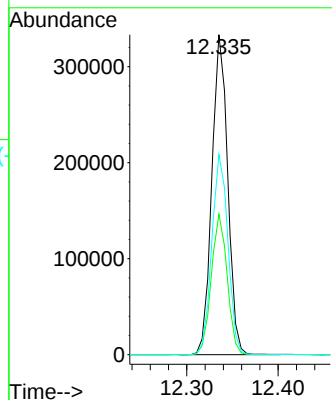
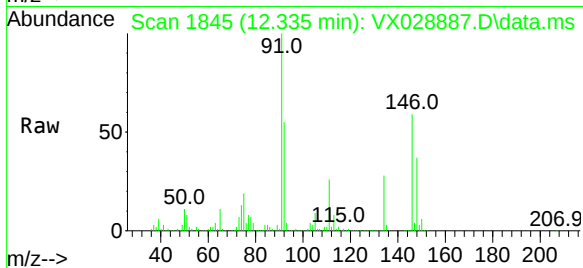
Tgt Ion:146 Resp: 400999

Ion Ratio Lower Upper

146 100

111 43.9 21.0 63.0

148 63.9 32.6 97.7



#92

1,2-Dibromo-3-Chloropropane

Concen: 59.454 ug/l

RT: 12.945 min Scan# 1945

Delta R.T. 0.001 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

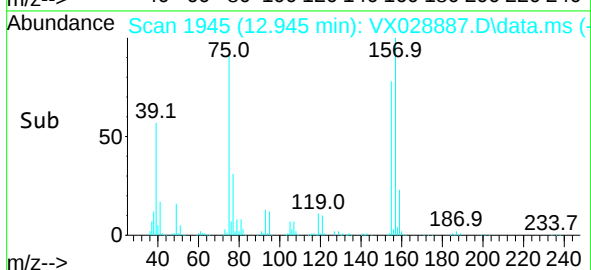
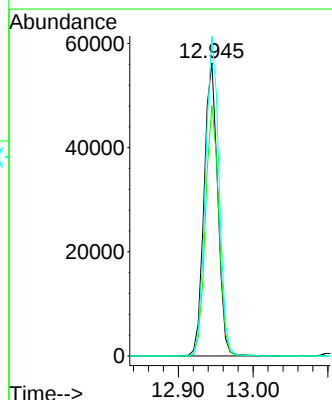
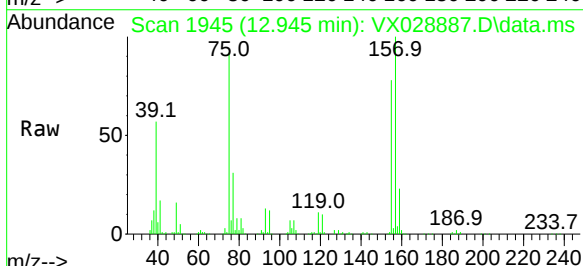
Tgt Ion: 75 Resp: 71424

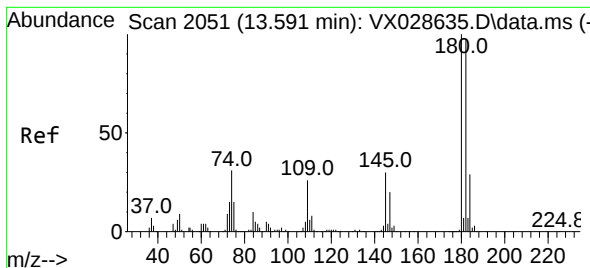
Ion Ratio Lower Upper

75 100

155 83.8 47.0 141.2

157 108.2 57.9 173.6





#93

1,2,4-Trichlorobenzene

Concen: 59.138 ug/l

RT: 13.591 min Scan# 2051

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

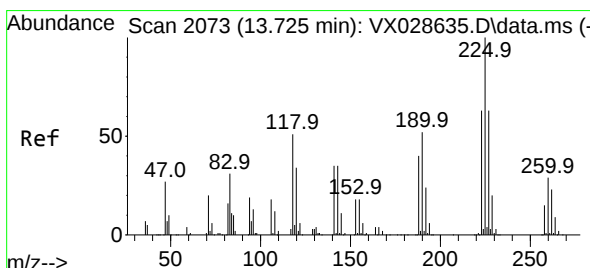
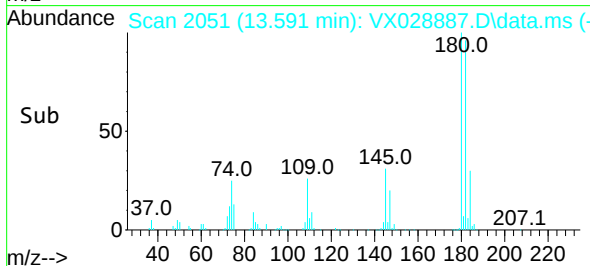
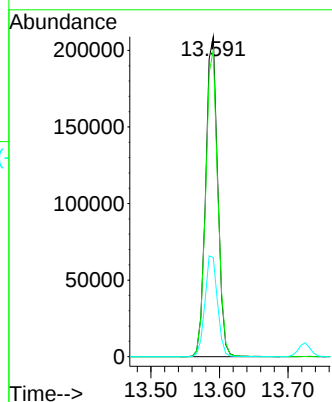
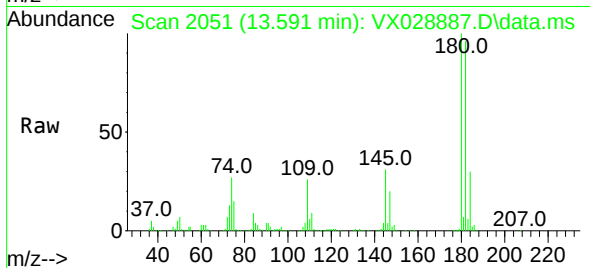
Tgt Ion:180 Resp: 255383

Ion Ratio Lower Upper

180 100

182 96.7 47.7 143.1

145 33.0 15.2 45.5



#94

Hexachlorobutadiene

Concen: 61.550 ug/l

RT: 13.725 min Scan# 2073

Delta R.T. 0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

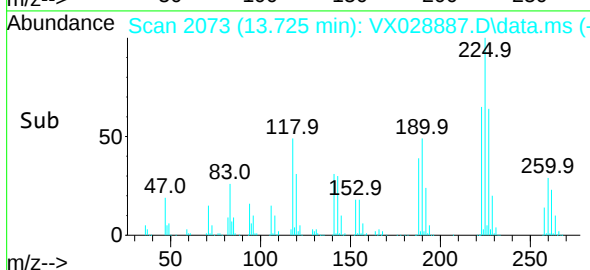
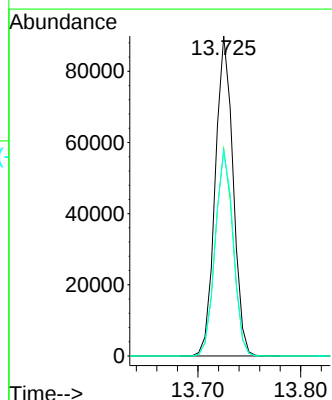
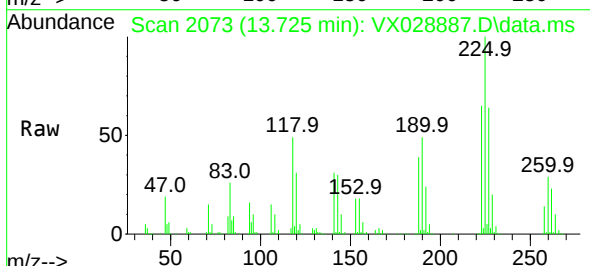
Tgt Ion:225 Resp: 107983

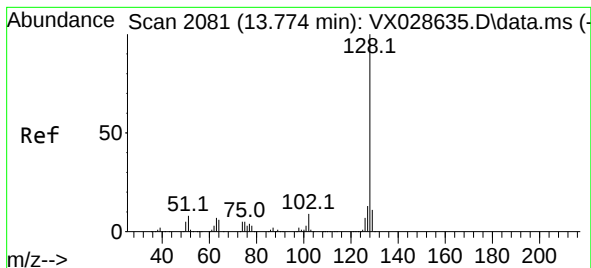
Ion Ratio Lower Upper

225 100

223 64.3 34.2 102.5

227 64.7 33.9 101.7





#95

Naphthalene

Concen: 58.264 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Instrument :

MSVOA_X

ClientSampleId :

VSTDCCC050

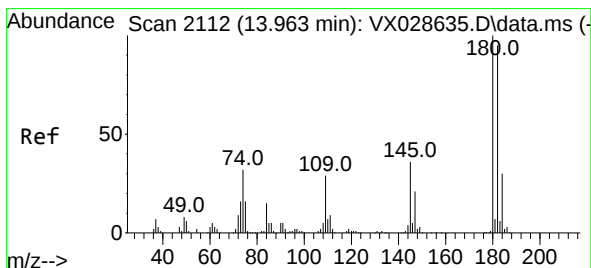
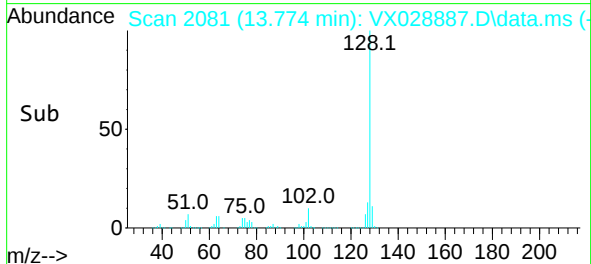
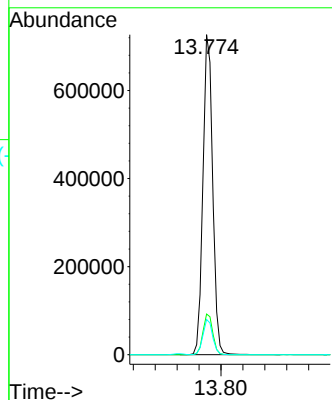
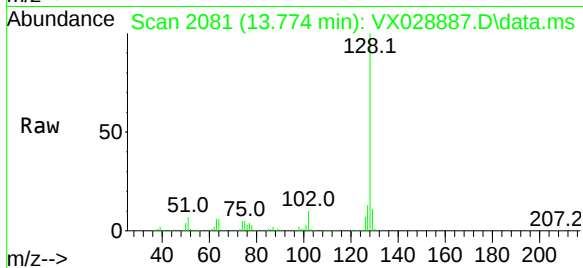
Tgt Ion:128 Resp: 895355

Ion Ratio Lower Upper

128 100

127 12.8 10.2 15.4

129 10.9 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 58.234 ug/l

RT: 13.963 min Scan# 2112

Delta R.T. -0.000 min

Lab File: VX028887.D

Acq: 23 May 2022 12:17

Tgt Ion:180 Resp: 252579

Ion Ratio Lower Upper

180 100

182 95.8 50.0 149.8

145 35.1 16.2 48.5

