

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051322\
 Data File : VD072986.D
 Acq On : 13 May 2022 13:07
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00 G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 13 14:43:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	294660	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	479890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	462640	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	229521	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	174560	45.638	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.280%
35) Dibromofluoromethane	7.908	113	181429	53.831	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.660%
50) Toluene-d8	10.331	98	650496	53.806	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.620%
62) 4-Bromofluorobenzene	12.620	95	242221	53.732	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	175936	43.208	ug/l	97
3) Chloromethane	2.208	50	173533	40.980	ug/l	96
4) Vinyl Chloride	2.350	62	166518	43.824	ug/l	95
5) Bromomethane	2.761	94	116321	49.761	ug/l	97
6) Chloroethane	2.914	64	107454	45.375	ug/l	95
7) Trichlorofluoromethane	3.273	101	320462	48.163	ug/l	99
8) Diethyl Ether	3.702	74	87300	45.766	ug/l	93
9) 1,1,2-Trichlorotrifluo...	4.091	101	198008	50.126	ug/l	98
10) Methyl Iodide	4.297	142	179064	45.169	ug/l	100
11) Tert butyl alcohol	5.214	59	62870	189.977	ug/l #	86
12) 1,1-Dichloroethene	4.061	96	166909	46.976	ug/l	99
13) Acrolein	3.920	56	22767	88.177	ug/l	99
14) Allyl chloride	4.708	41	276438	48.191	ug/l	92
15) Acrylonitrile	5.420	53	203440	224.412	ug/l	98
16) Acetone	4.149	43	154825	214.269	ug/l	97
17) Carbon Disulfide	4.408	76	495310	44.335	ug/l	99
18) Methyl Acetate	4.714	43	91854	44.103	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	411516	48.313	ug/l	98
20) Methylene Chloride	4.961	84	221771	48.254	ug/l	85
21) trans-1,2-Dichloroethene	5.467	96	201555	49.463	ug/l	94
22) Diisopropyl ether	6.355	45	627182	49.702	ug/l	96
23) Vinyl Acetate	6.302	43	1648312	236.460	ug/l	95
24) 1,1-Dichloroethane	6.261	63	370260	48.838	ug/l	98
25) 2-Butanone	7.208	43	239126	214.567	ug/l #	89
26) 2,2-Dichloropropane	7.208	77	314187	49.021	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	234918	50.335	ug/l	92
28) Bromochloromethane	7.538	49	137523	48.643	ug/l #	83
29) Tetrahydrofuran	7.561	42	164568	231.668	ug/l	93
30) Chloroform	7.702	83	401493	50.049	ug/l	99
31) Cyclohexane	7.979	56	310516	46.441	ug/l	91
32) 1,1,1-Trichloroethane	7.902	97	345083	50.474	ug/l	97
36) 1,1-Dichloropropene	8.108	75	289445	52.816	ug/l	97
37) Ethyl Acetate	7.285	43	119825	47.563	ug/l	97
38) Carbon Tetrachloride	8.090	117	301052	52.920	ug/l	99
39) Methylcyclohexane	9.349	83	319005	50.184	ug/l	97
40) Benzene	8.343	78	830023	52.447	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	70623	47.080	ug/l	91
42) 1,2-Dichloroethane	8.420	62	237209	49.739	ug/l	96
43) Isopropyl Acetate	8.449	43	220734	47.471	ug/l #	92
44) Trichloroethene	9.108	130	222476	52.545	ug/l	95
45) 1,2-Dichloropropane	9.379	63	215717	51.902	ug/l	99
46) Dibromomethane	9.467	93	116935	51.004	ug/l	98
47) Bromodichloromethane	9.655	83	301430	51.108	ug/l #	99
48) Methyl methacrylate	9.449	41	113724	49.993	ug/l	91
49) 1,4-Dioxane	9.455	88	25352	981.980	ug/l	96
51) 4-Methyl-2-Pentanone	10.220	43	591750	244.906	ug/l	94
52) Toluene	10.396	92	544781	55.183	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	273379	50.463	ug/l	95
54) cis-1,3-Dichloropropene	10.084	75	323506	51.400	ug/l	90
55) 1,1,2-Trichloroethane	10.790	97	157687	50.878	ug/l	96
56) Ethyl methacrylate	10.655	69	190040	52.077	ug/l #	85
57) 1,3-Dichloropropane	10.937	76	270546	50.868	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.931	63	424552	239.959	ug/l	98
59) 2-Hexanone	10.973	43	396610	243.940	ug/l	94
60) Dibromochloromethane	11.131	129	202481	51.897	ug/l	96
61) 1,2-Dibromoethane	11.237	107	149309	49.494	ug/l	97
64) Tetrachloroethene	10.867	164	173442	51.277	ug/l	96
65) Chlorobenzene	11.661	112	570874	53.350	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	217338	54.045	ug/l	99
67) Ethyl Benzene	11.731	91	1031006	55.674	ug/l	100
68) m/p-Xylenes	11.843	106	810860	113.671	ug/l	98
69) o-Xylene	12.167	106	379854	57.017	ug/l	95
70) Styrene	12.184	104	657941	57.000	ug/l	98
71) Bromoform	12.349	173	112107	51.438	ug/l #	99
73) Isopropylbenzene	12.467	105	1007949	56.444	ug/l	99
74) N-amyl acetate	12.278	43	217056	48.809	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.714	83	182116	50.521	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	229881	89.822	ug/l #	100
77) Bromobenzene	12.749	156	227614	53.677	ug/l	95
78) n-propylbenzene	12.808	91	1263645	56.146	ug/l	99
79) 2-Chlorotoluene	12.896	91	718035	54.615	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	854467	56.431	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	56662	50.912	ug/l	89
82) 4-Chlorotoluene	12.990	91	754617	54.934	ug/l	99
83) tert-Butylbenzene	13.208	119	739826	57.470	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	854879	56.483	ug/l	99
85) sec-Butylbenzene	13.384	105	1111314	57.237	ug/l	100
86) p-Isopropyltoluene	13.502	119	903838	56.778	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	463540	54.264	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	461677	54.271	ug/l	99
89) n-Butylbenzene	13.825	91	879548	57.036	ug/l	100
90) Hexachloroethane	14.096	117	179285	54.976	ug/l	100
91) 1,2-Dichlorobenzene	13.872	146	404240	54.298	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.484	75	28467	49.818	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	236010	53.529	ug/l	100
94) Hexachlorobutadiene	15.243	225	127537	52.966	ug/l	98
95) Naphthalene	15.378	128	435063	53.669	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	209031	53.482	ug/l	99

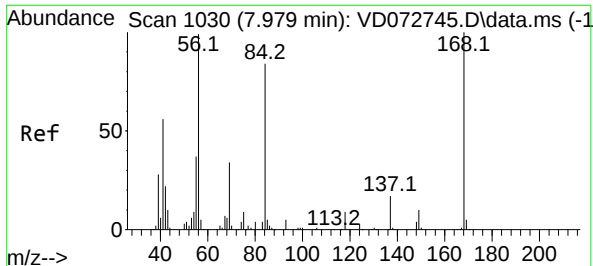
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Response via : Initial Calibration

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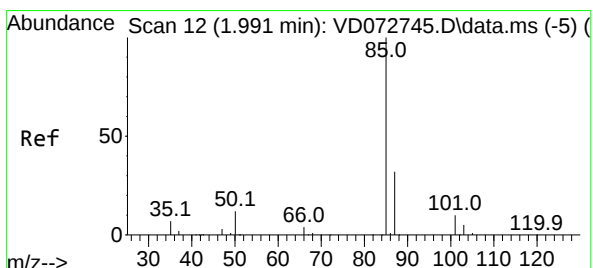
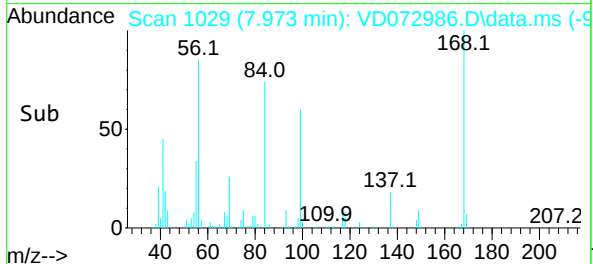
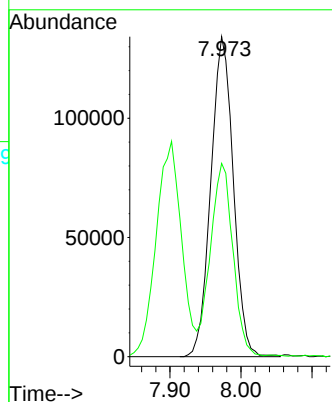
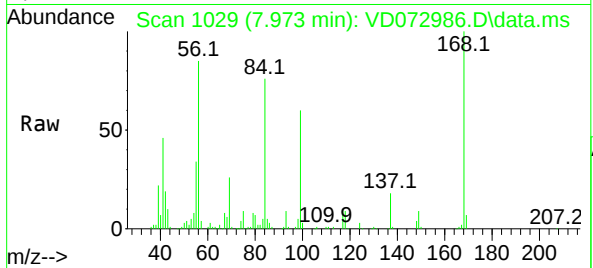
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

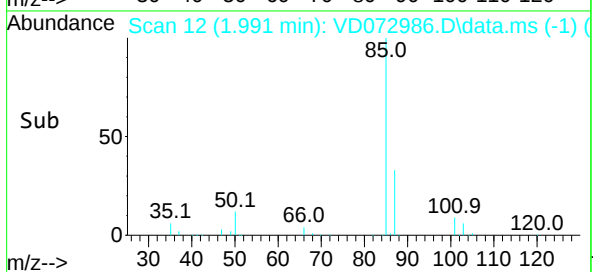
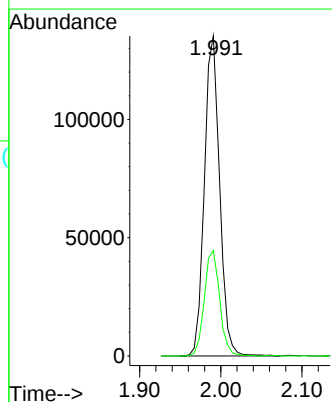
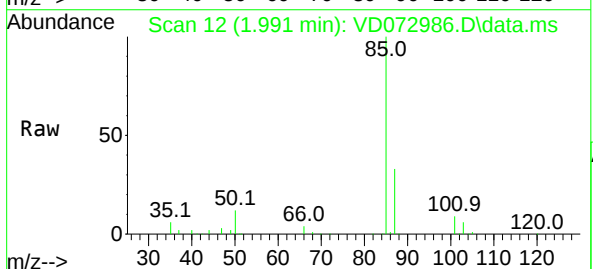
Instrument :
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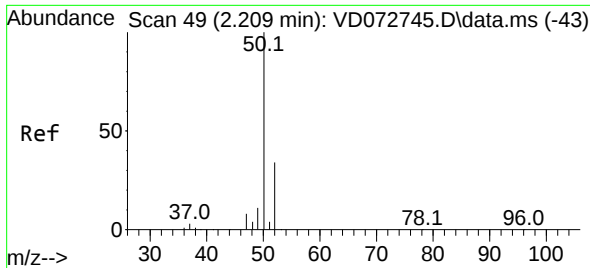
Tgt Ion:168 Resp: 294660
Ion Ratio Lower Upper
168 100
99 60.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.208 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 85 Resp: 175936
Ion Ratio Lower Upper
85 100
87 33.0 15.7 47.0

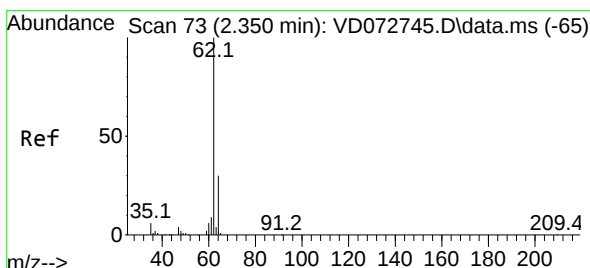
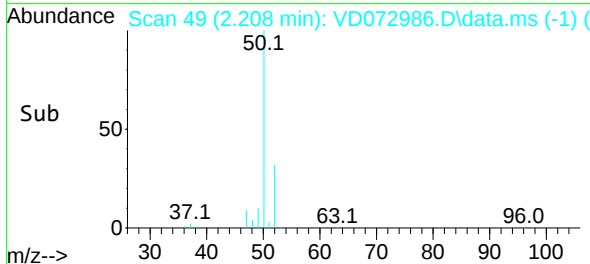
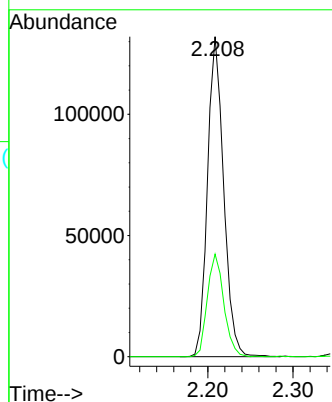
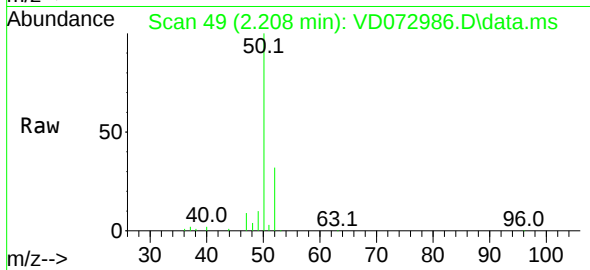




#3
Chloromethane
Concen: 40.980 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

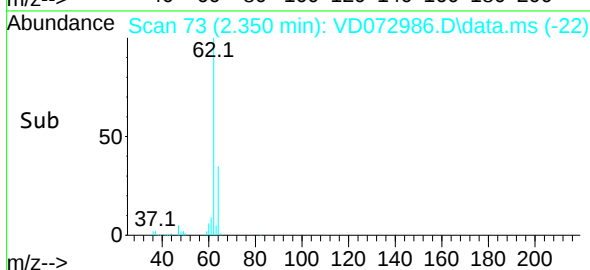
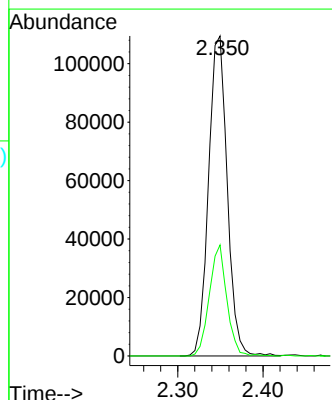
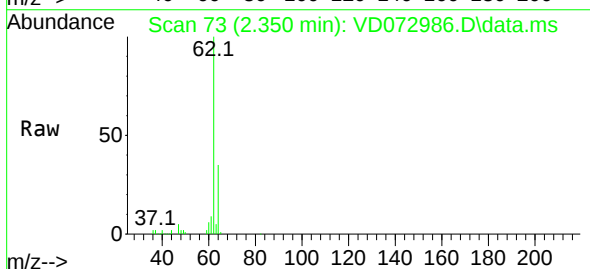
Instrument :
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ClientSampleId :
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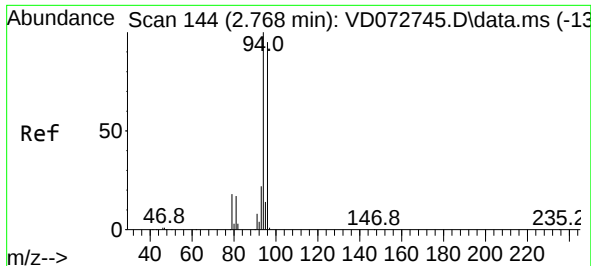
Tgt Ion: 50 Resp: 173533
Ion Ratio Lower Upper
50 100
52 32.0 27.4 41.0



#4
Vinyl Chloride
Concen: 43.824 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 62 Resp: 166518
Ion Ratio Lower Upper
62 100
64 34.7 25.4 38.0

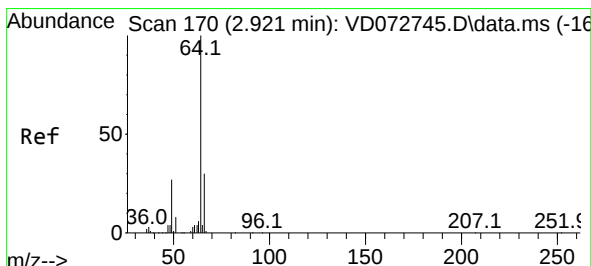
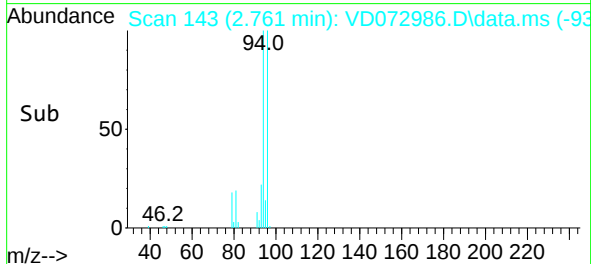
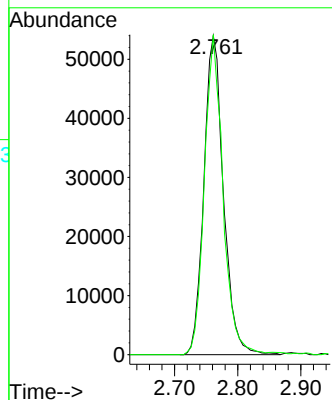
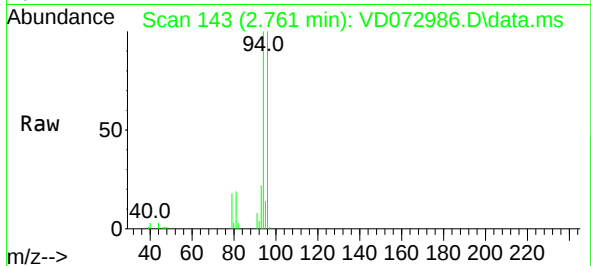




#5
Bromomethane
Concen: 49.761 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

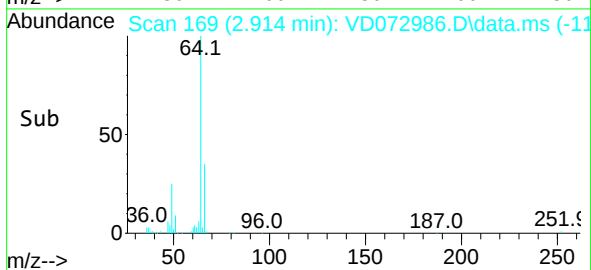
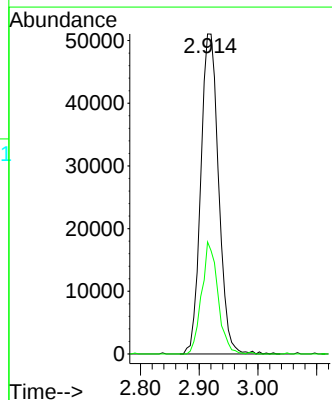
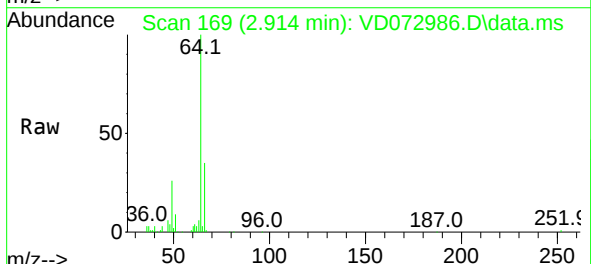
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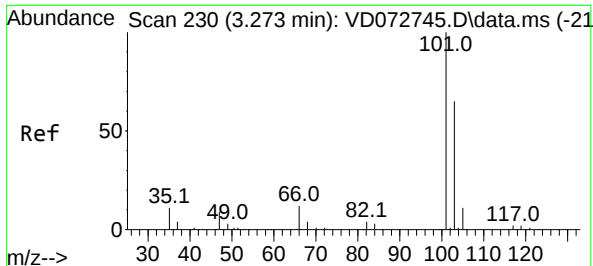
Tgt Ion: 94 Resp: 116321
Ion Ratio Lower Upper
94 100
96 100.4 77.6 116.4



#6
Chloroethane
Concen: 45.375 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 64 Resp: 107454
Ion Ratio Lower Upper
64 100
66 35.0 25.9 38.9

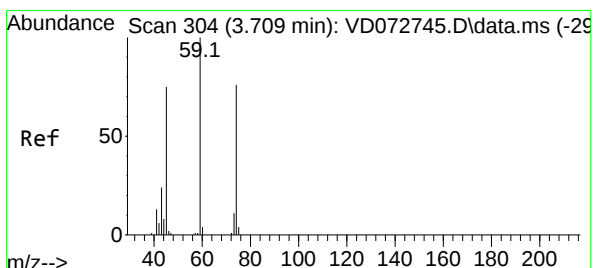
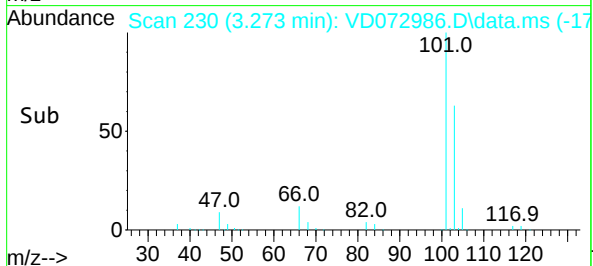
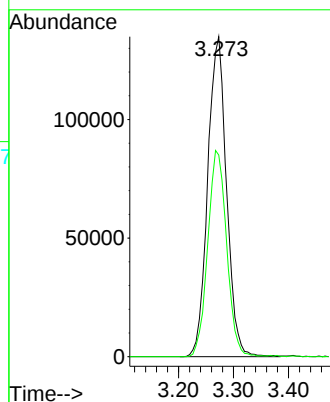
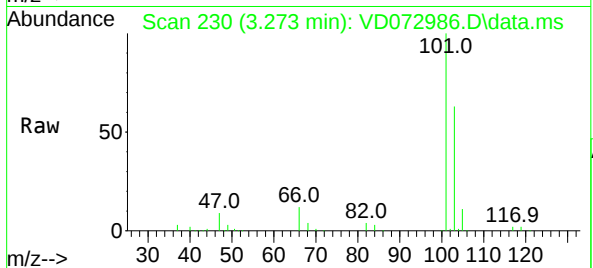




#7
Trichlorofluoromethane
Concen: 48.163 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

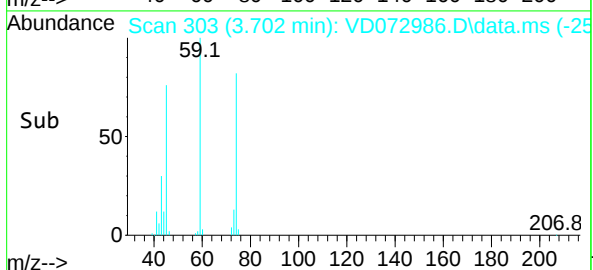
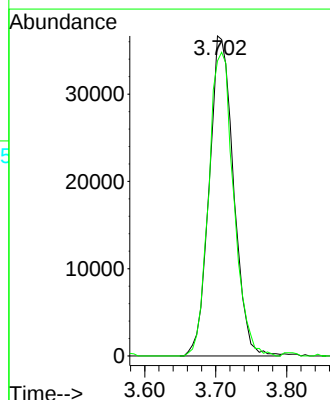
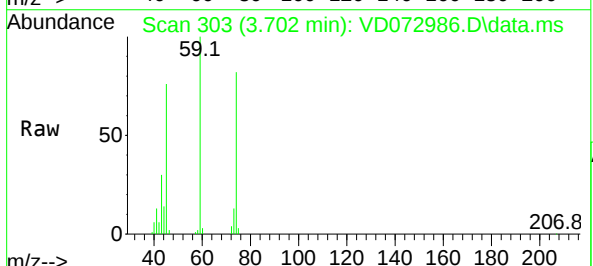
Instrument :
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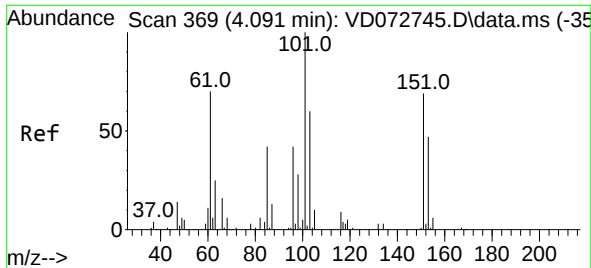
Tgt Ion:101 Resp: 320462
Ion Ratio Lower Upper
101 100
103 63.0 50.1 75.1



#8
Diethyl Ether
Concen: 45.766 ug/l
RT: 3.702 min Scan# 303
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 74 Resp: 87300
Ion Ratio Lower Upper
74 100
45 97.6 52.6 157.8

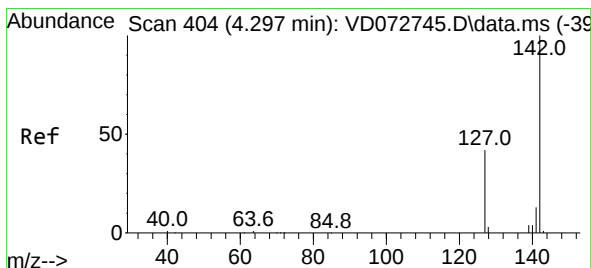
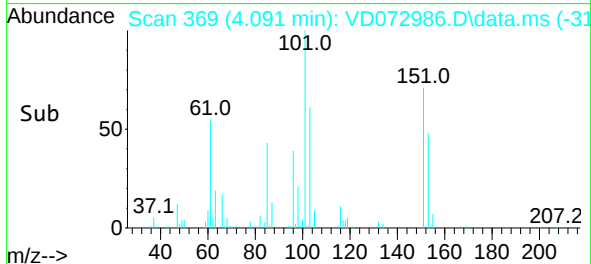
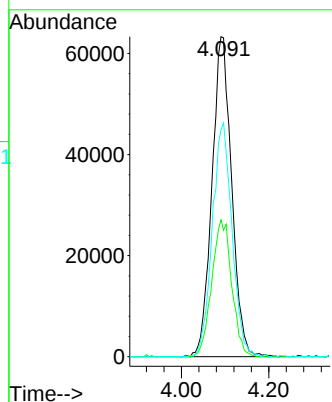
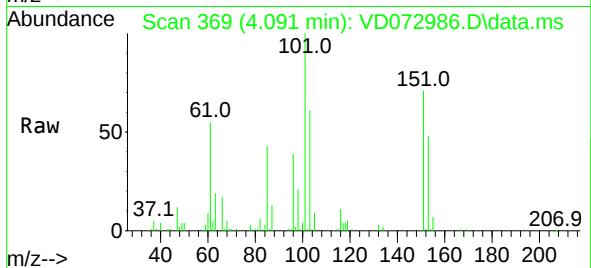




#9
1,1,2-Trichlorotrifluoroethane
Concen: 50.126 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD072986.D
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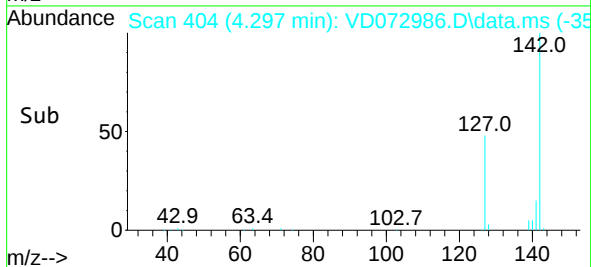
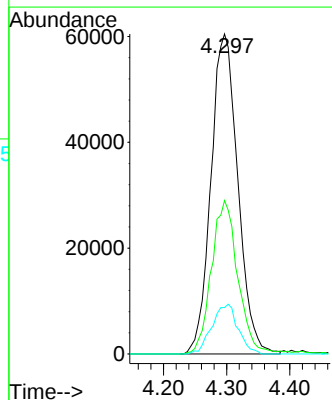
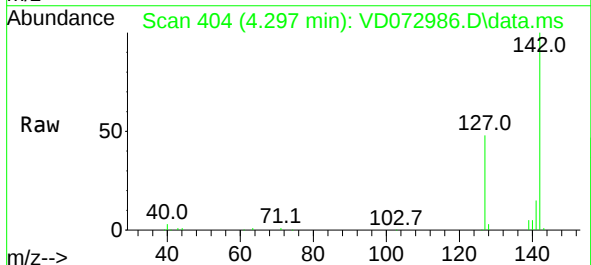
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

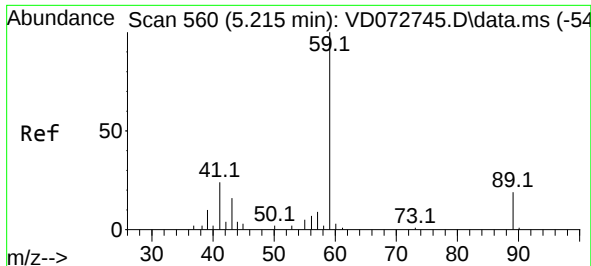
Tgt Ion:101 Resp: 198008
Ion Ratio Lower Upper
101 100
85 43.1 36.4 54.6
151 73.0 57.3 85.9



#10
Methyl Iodide
Concen: 45.169 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:142 Resp: 179064
Ion Ratio Lower Upper
142 100
127 46.8 37.3 55.9
141 15.0 11.7 17.5

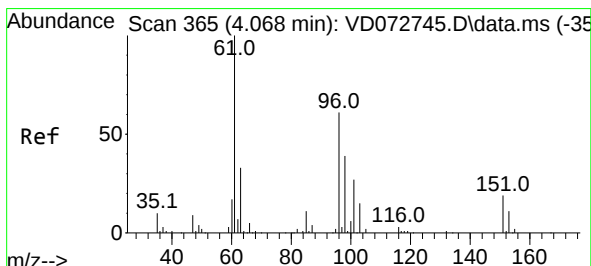
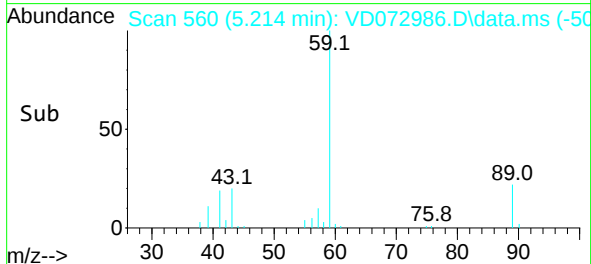
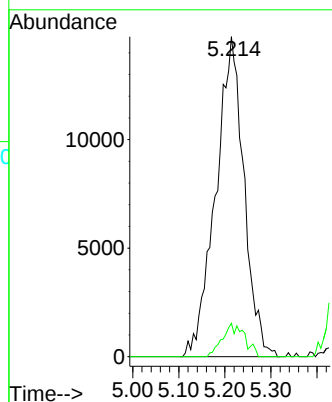
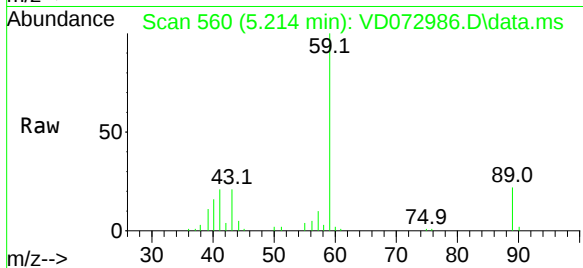




#11
Tert butyl alcohol
Concen: 189.977 ug/l
RT: 5.214 min Scan# 50
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

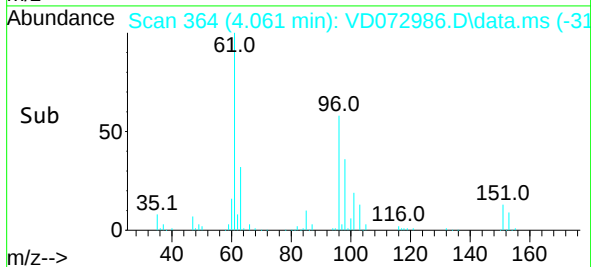
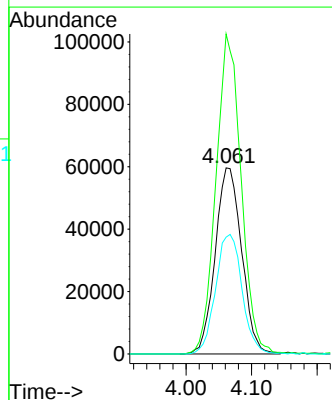
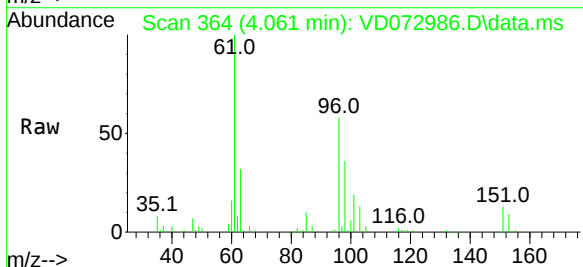
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

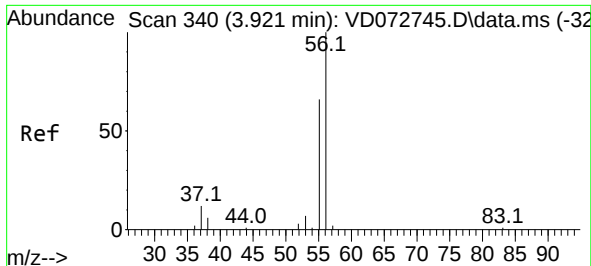
Tgt Ion: 59 Resp: 62870
Ion Ratio Lower Upper
59 100
57 4.5 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 46.976 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 96 Resp: 166909
Ion Ratio Lower Upper
96 100
61 172.0 138.5 207.7
98 62.7 48.6 73.0

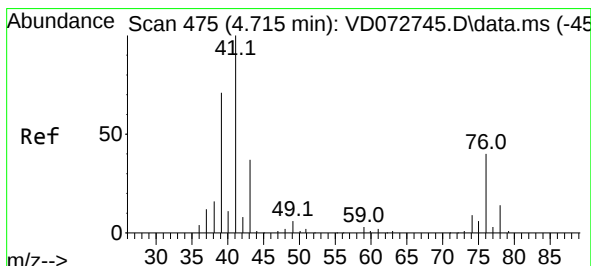
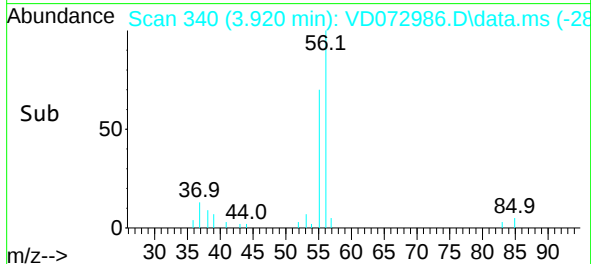
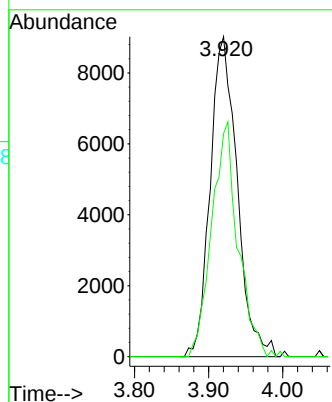
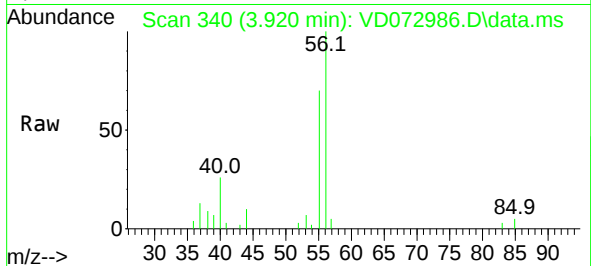




#13
Acrolein
Concen: 88.177 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

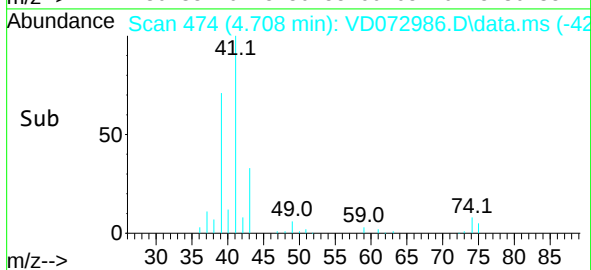
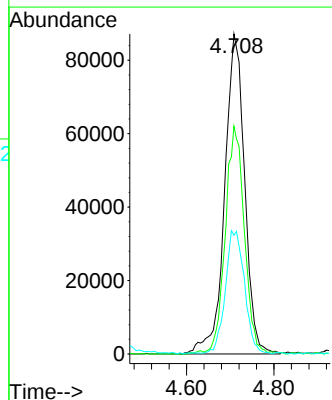
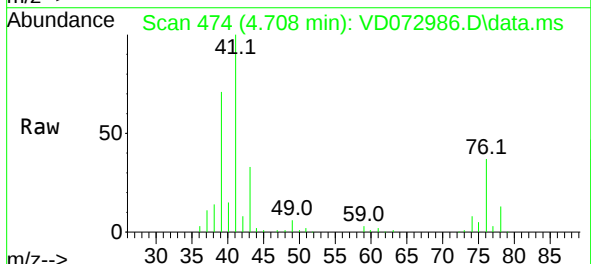
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

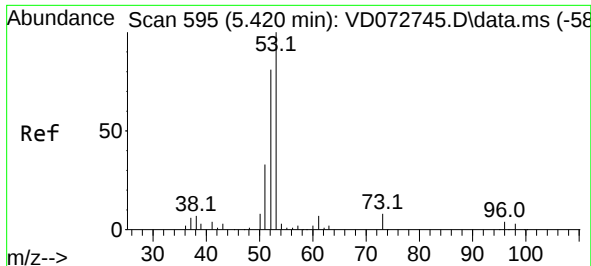
Tgt Ion: 56 Resp: 22767
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 48.191 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

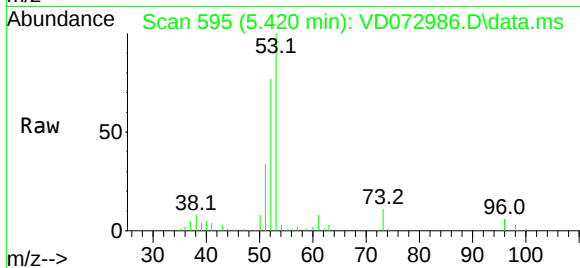
Tgt Ion: 41 Resp: 276438
Ion Ratio Lower Upper
41 100
39 67.8 59.3 88.9
76 37.1 25.7 38.5



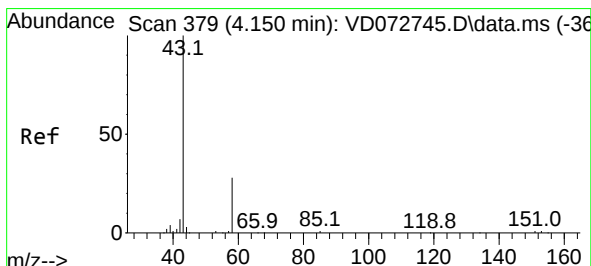
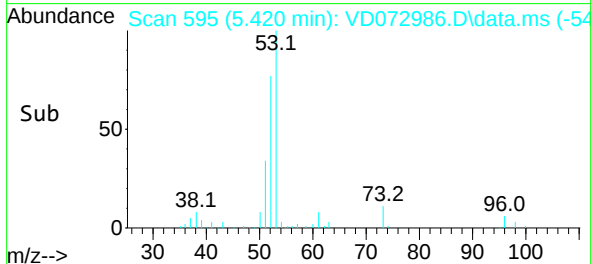
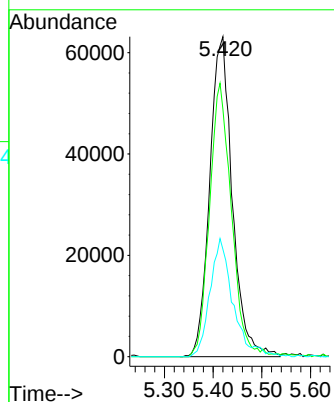


#15
Acrylonitrile
Concen: 224.412 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

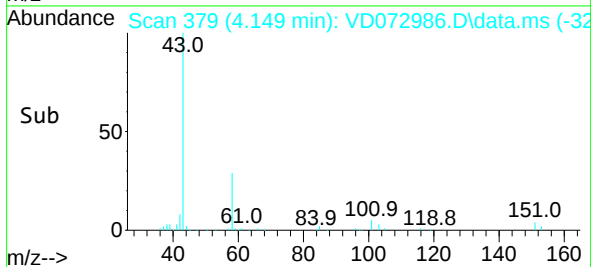
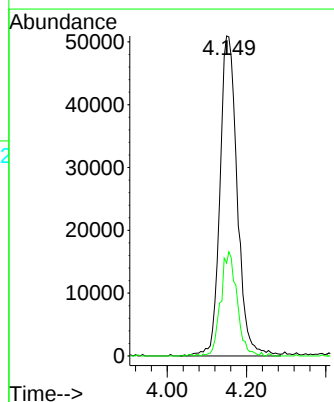
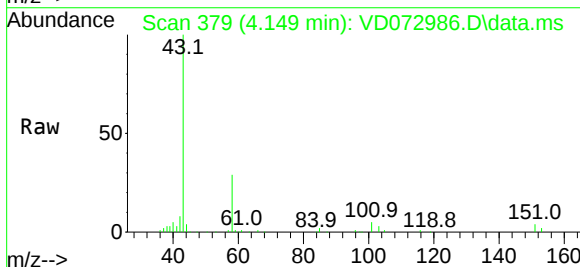


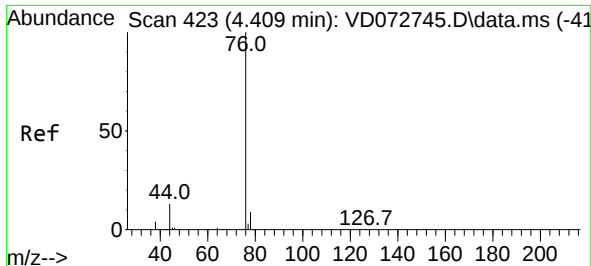
Tgt Ion: 53 Resp: 203440
Ion Ratio Lower Upper
53 100
52 82.8 67.2 100.8
51 35.6 30.3 45.5



#16
Acetone
Concen: 214.269 ug/l
RT: 4.149 min Scan# 379
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 43 Resp: 154825
Ion Ratio Lower Upper
43 100
58 29.0 22.1 33.1

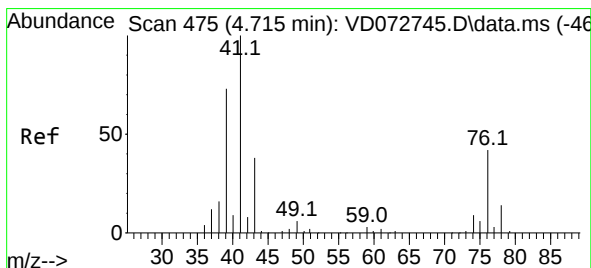
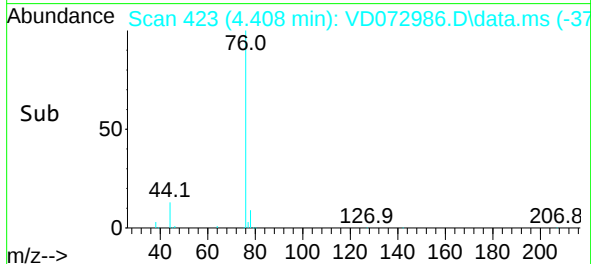
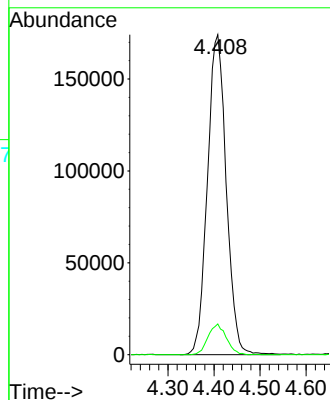
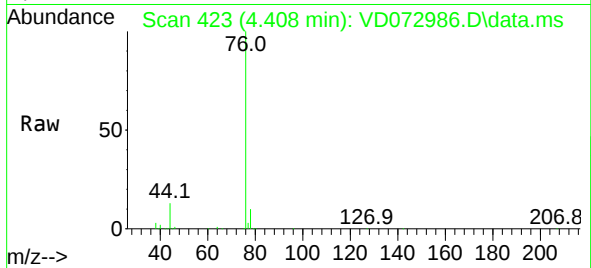




#17
Carbon Disulfide
Concen: 44.335 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

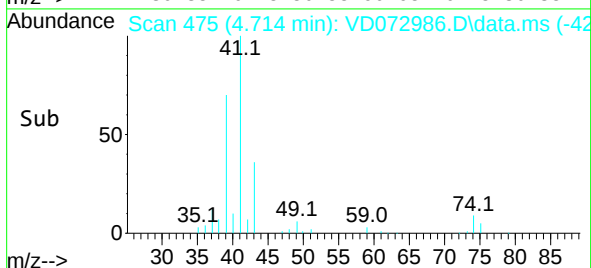
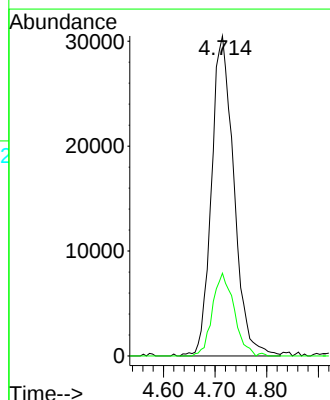
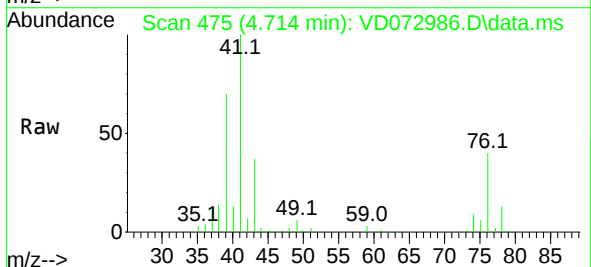
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

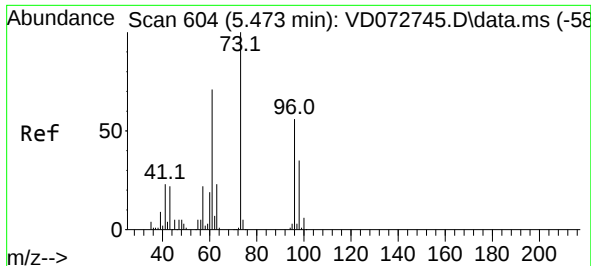
Tgt Ion: 76 Resp: 495310
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 44.103 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 43 Resp: 91854
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1

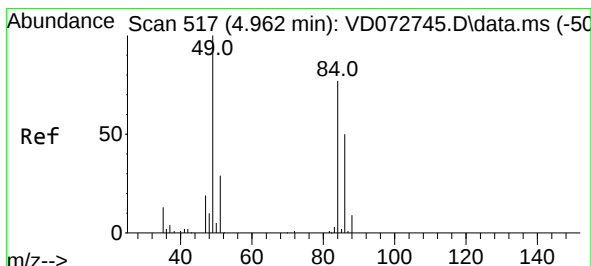
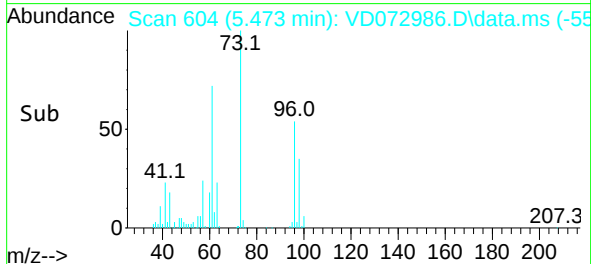
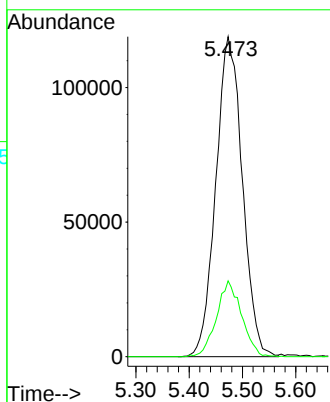
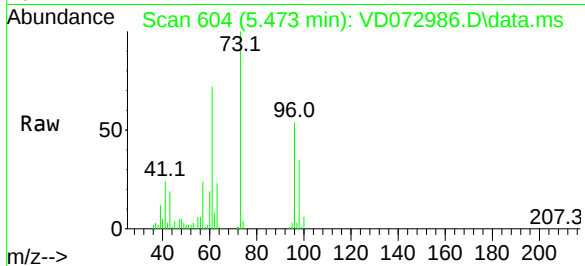




#19
Methyl tert-butyl Ether
Concen: 48.313 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

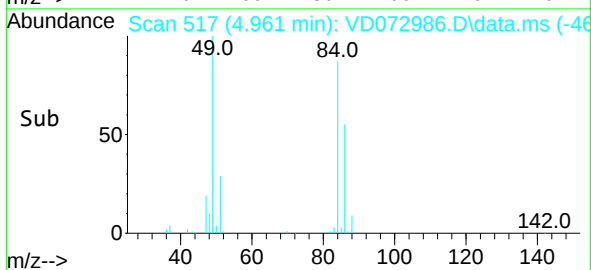
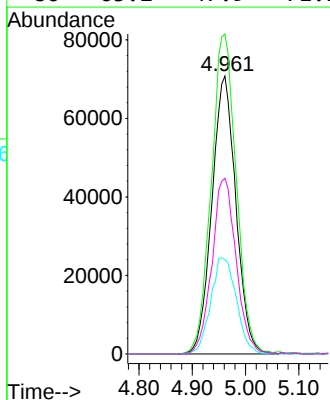
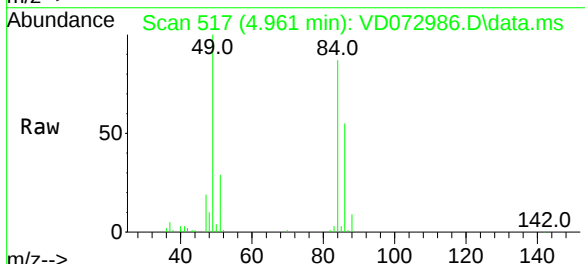
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

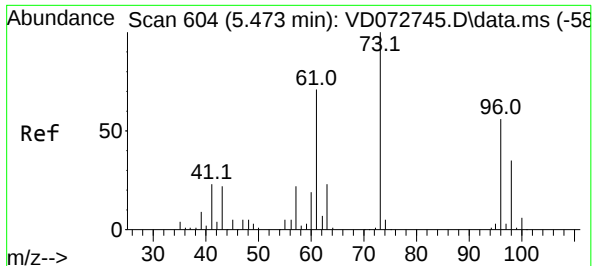
Tgt Ion: 73 Resp: 411516
Ion Ratio Lower Upper
73 100
57 23.7 18.0 27.0



#20
Methylene Chloride
Concen: 48.254 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 84 Resp: 221771
Ion Ratio Lower Upper
84 100
49 115.2 112.8 169.2
51 33.9 32.6 48.8
86 63.2 47.9 71.9





#21

trans-1,2-Dichloroethene

Concen: 49.463 ug/l

RT: 5.467 min Scan# 604

Delta R.T. -0.006 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

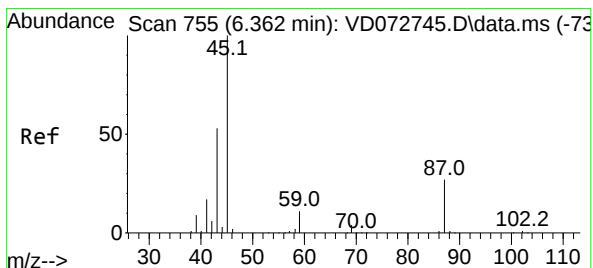
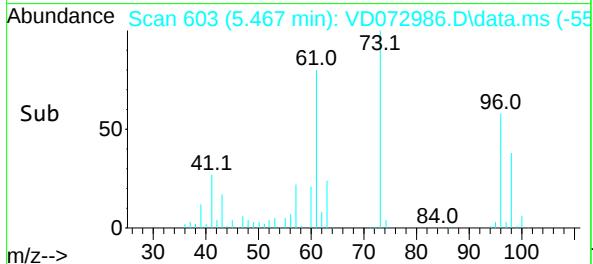
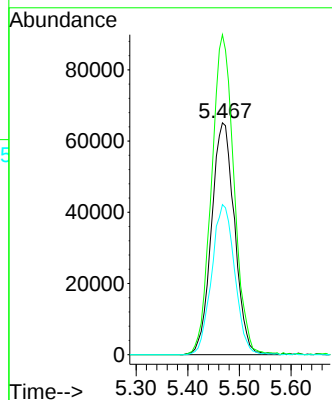
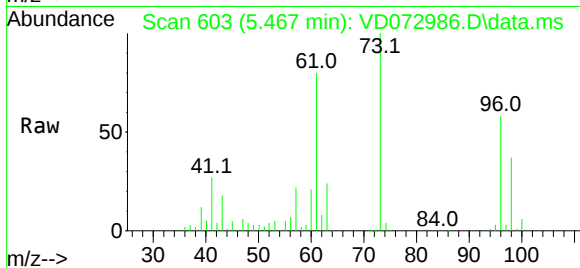
Tgt Ion: 96 Resp: 201555

Ion Ratio Lower Upper

96 100

61 138.0 117.9 176.9

98 64.7 49.4 74.2



#22

Diisopropyl ether

Concen: 49.702 ug/l

RT: 6.355 min Scan# 754

Delta R.T. -0.007 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Tgt Ion: 45 Resp: 627182

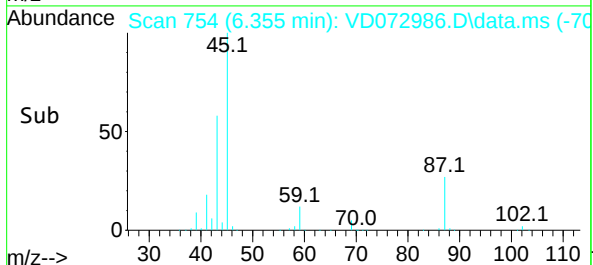
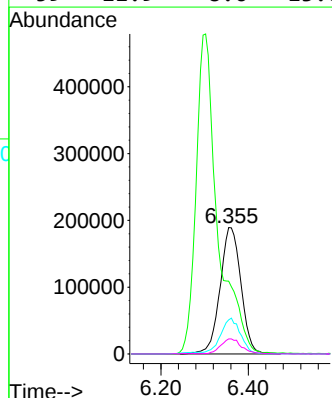
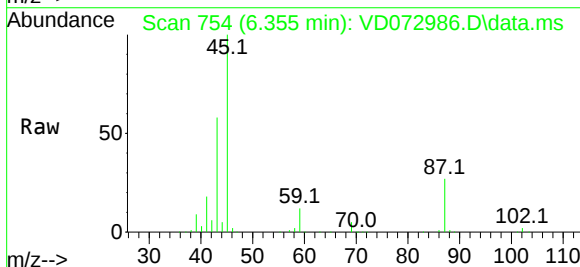
Ion Ratio Lower Upper

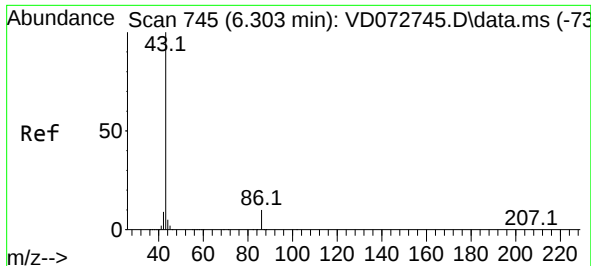
45 100

43 56.8 46.6 70.0

87 26.9 18.4 27.6

59 11.9 8.6 13.0

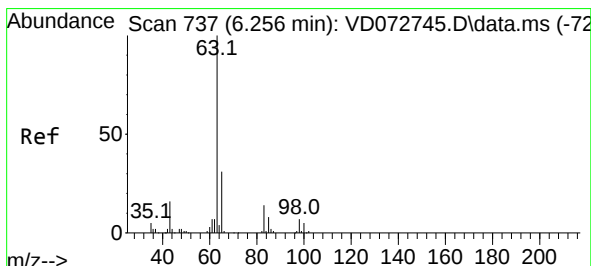
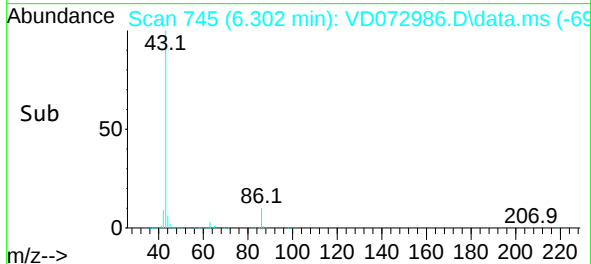
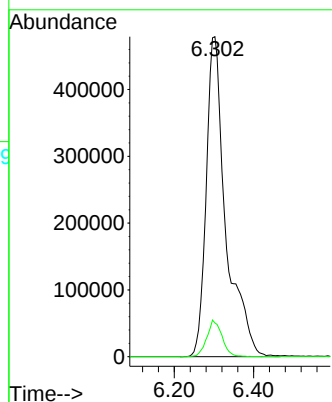
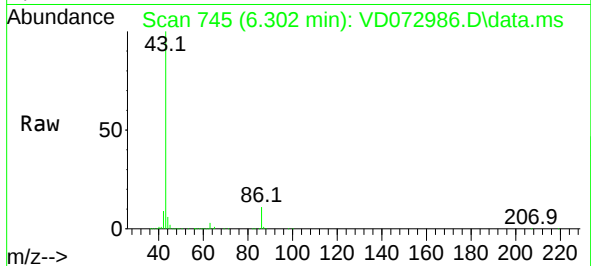




#23
 Vinyl Acetate
 Concen: 236.460 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. -0.001 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

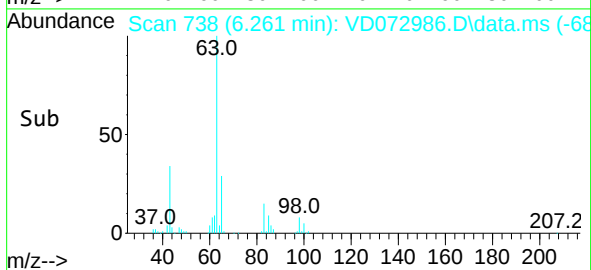
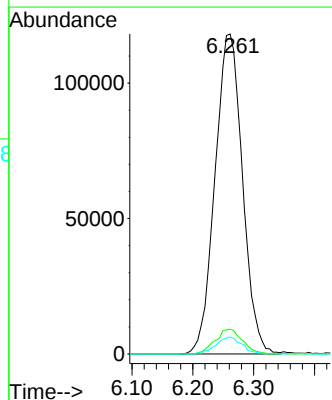
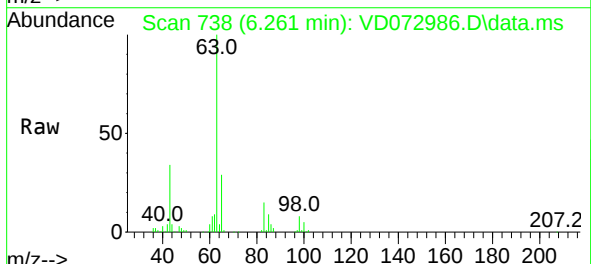
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

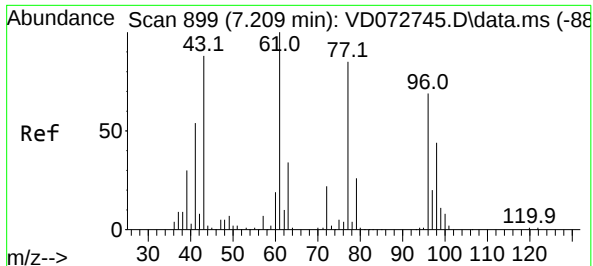
Tgt Ion: 43 Resp: 1648312
 Ion Ratio Lower Upper
 43 100
 86 10.5 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 48.838 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.005 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

Tgt Ion: 63 Resp: 370260
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.6 10.9
 100 5.3 2.1 6.5

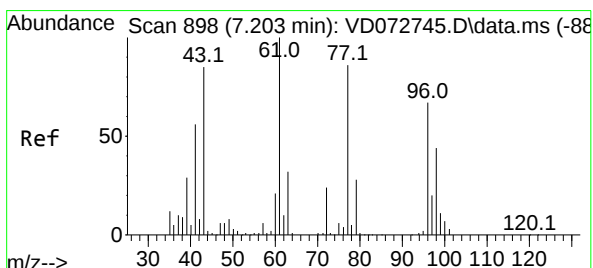
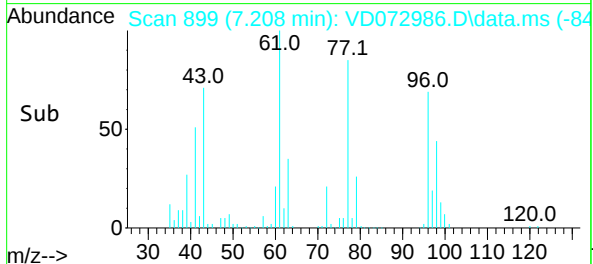
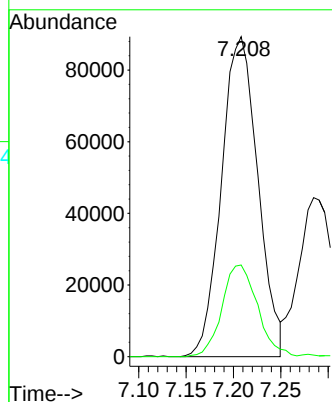
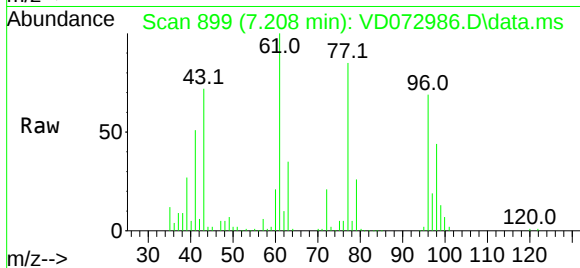




#25
2-Butanone
Concen: 214.567 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

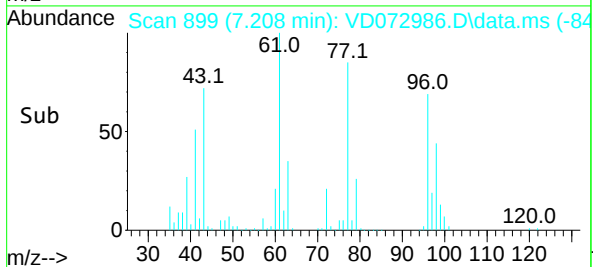
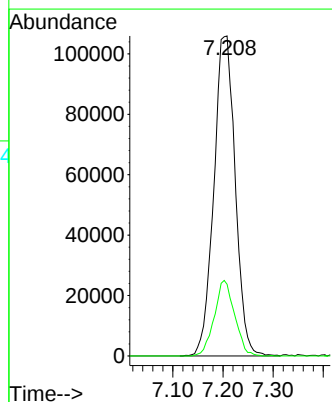
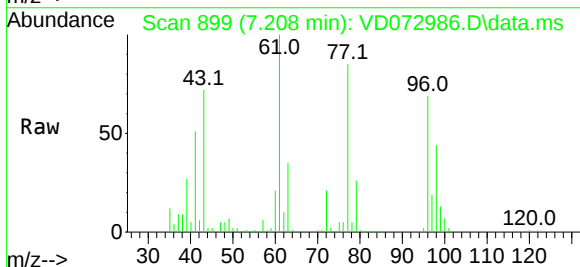
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

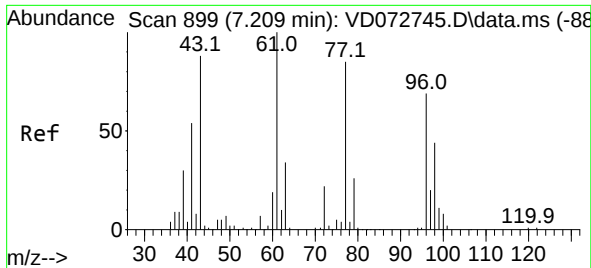
Tgt Ion: 43 Resp: 239126
Ion Ratio Lower Upper
43 100
72 28.7 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 49.021 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.005 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 77 Resp: 314187
Ion Ratio Lower Upper
77 100
97 22.4 10.8 32.4



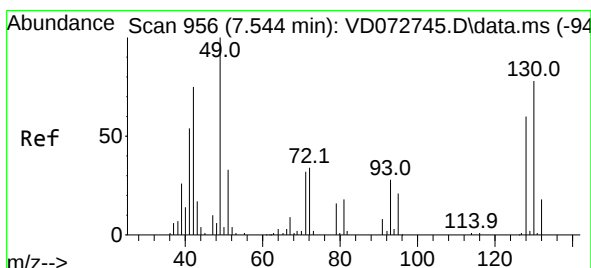
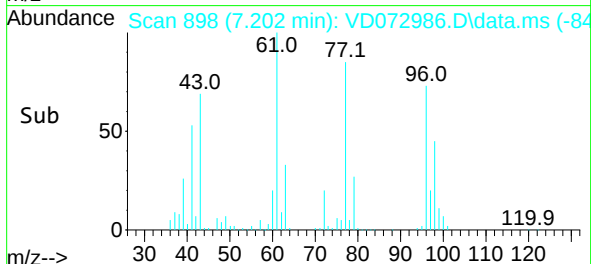
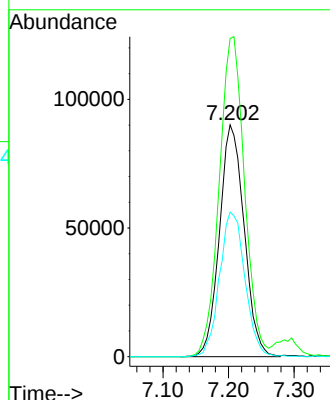
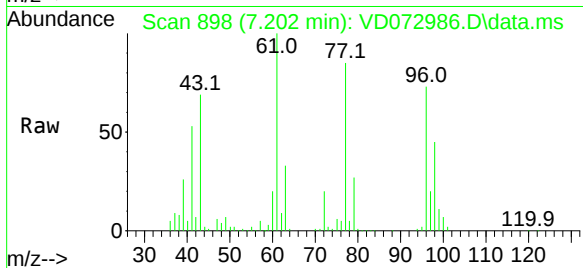


#27
 cis-1,2-Dichloroethene
 Concen: 50.335 ug/l
 RT: 7.202 min Scan# 899
 Delta R.T. -0.007 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Tgt Ion: 96 Resp: 234918

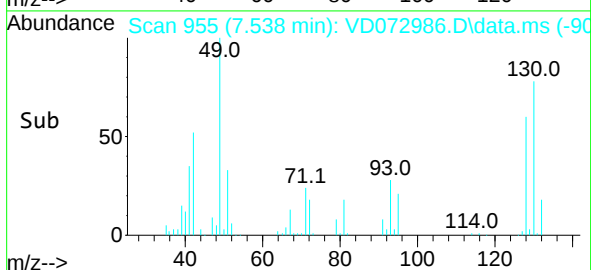
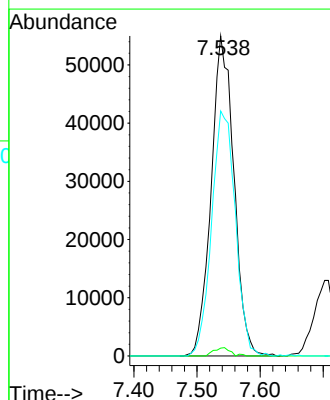
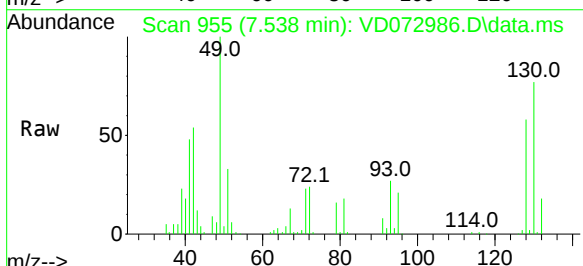
Ion	Ratio	Lower	Upper
96	100		
61	141.8	0.0	313.8
98	64.4	0.0	128.8



#28
 Bromochloromethane
 Concen: 48.643 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

Tgt Ion: 49 Resp: 137523

Ion	Ratio	Lower	Upper
49	100		
129	1.9	0.0	4.0
130	79.9	52.6	79.0





#29

Tetrahydrofuran

Concen: 231.668 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

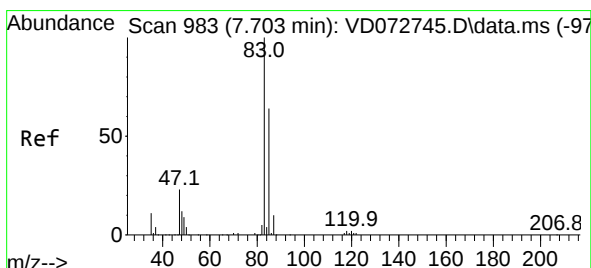
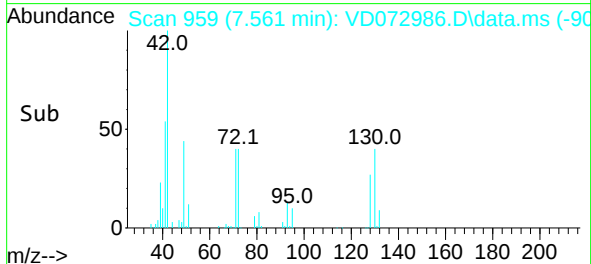
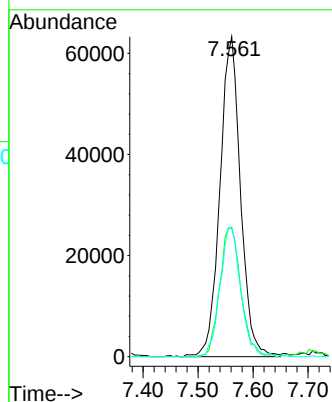
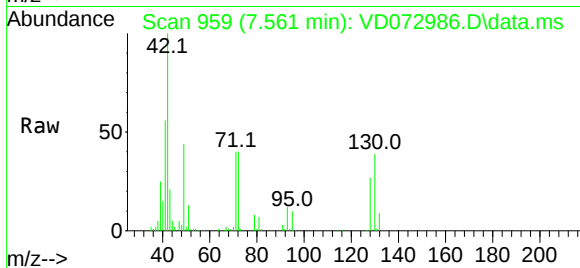
Tgt Ion: 42 Resp: 164568

Ion Ratio Lower Upper

42 100

72 41.8 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 50.049 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD072986.D

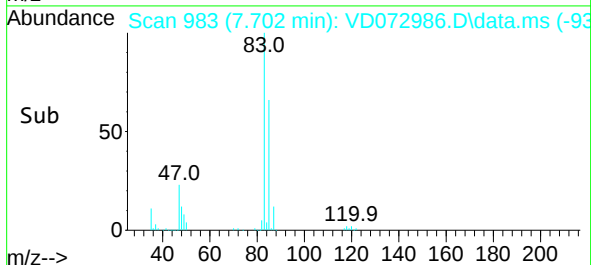
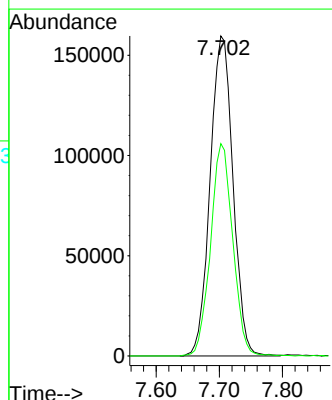
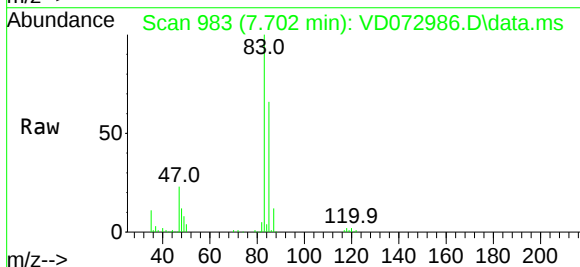
Acq: 13 May 2022 13:07

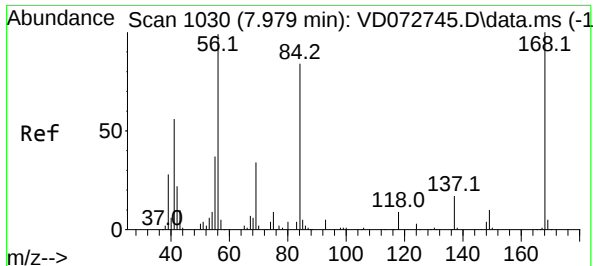
Tgt Ion: 83 Resp: 401493

Ion Ratio Lower Upper

83 100

85 66.4 52.7 79.1

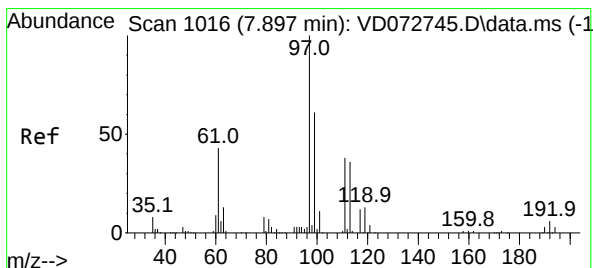
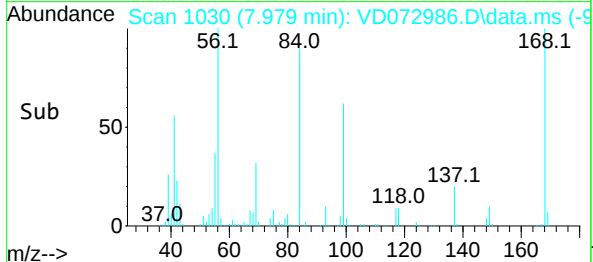
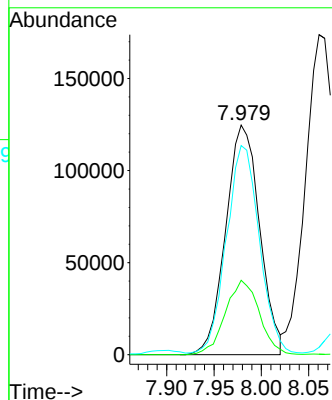
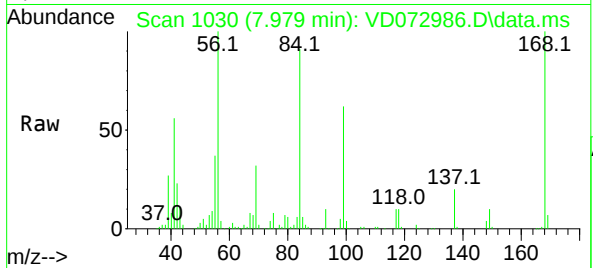




#31
Cyclohexane
Concen: 46.441 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

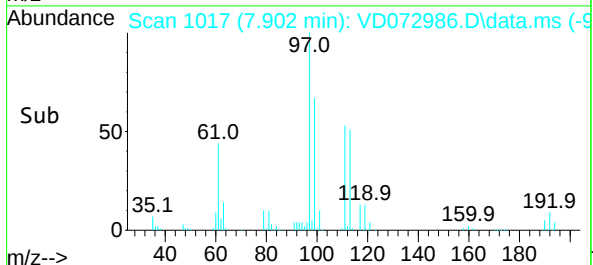
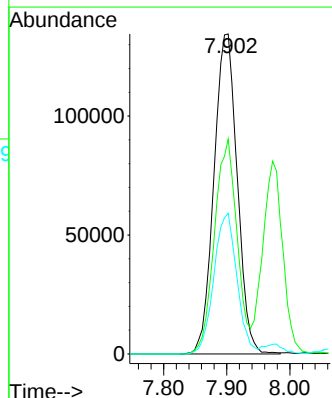
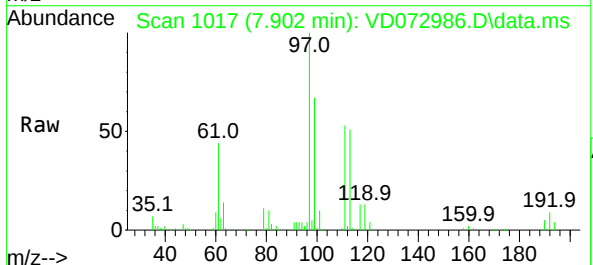
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

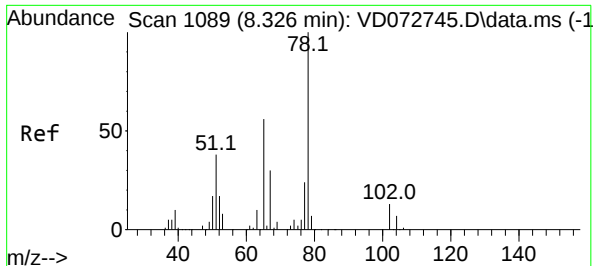
Tgt Ion: 56 Resp: 310516
Ion Ratio Lower Upper
56 100
69 32.4 25.4 38.2
84 89.8 63.0 94.4



#32
1,1,1-Trichloroethane
Concen: 50.474 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. 0.005 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 97 Resp: 345083
Ion Ratio Lower Upper
97 100
99 65.2 52.4 78.6
61 43.5 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 45.638 ug/l

RT: 8.326 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

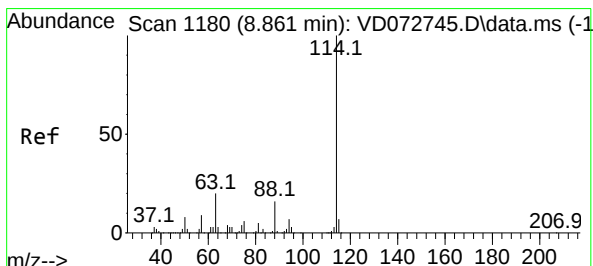
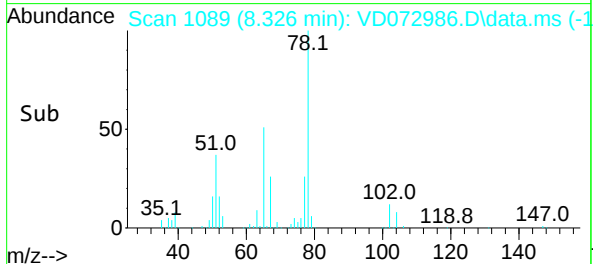
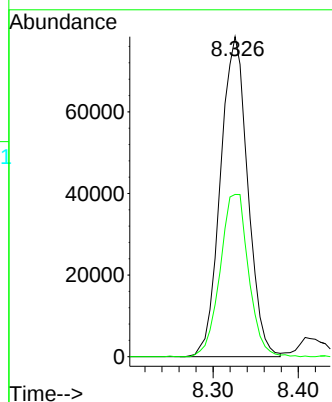
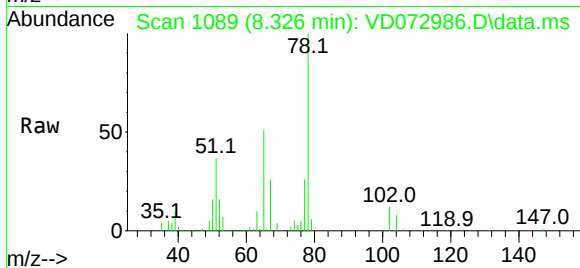
VSTDCCC050

Tgt Ion: 65 Resp: 174560

Ion Ratio Lower Upper

65 100

67 52.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

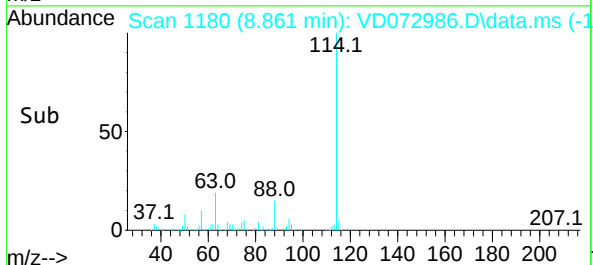
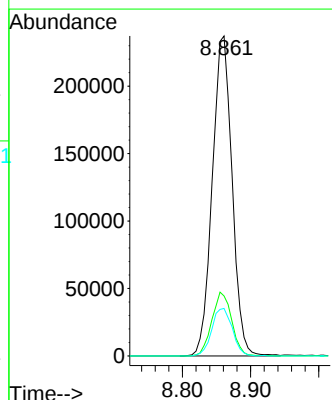
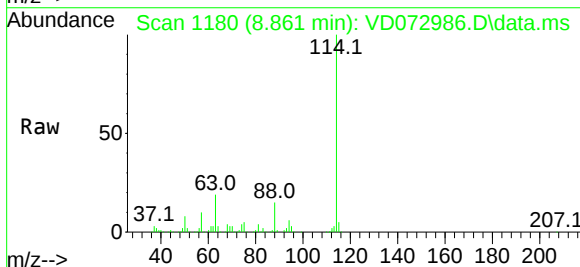
Tgt Ion: 114 Resp: 479890

Ion Ratio Lower Upper

114 100

63 18.7 0.0 46.6

88 14.9 0.0 33.2





#35

Dibromofluoromethane

Concen: 53.831 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

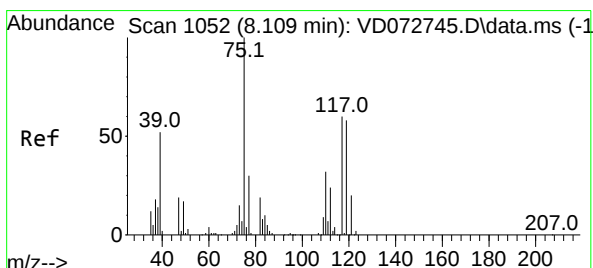
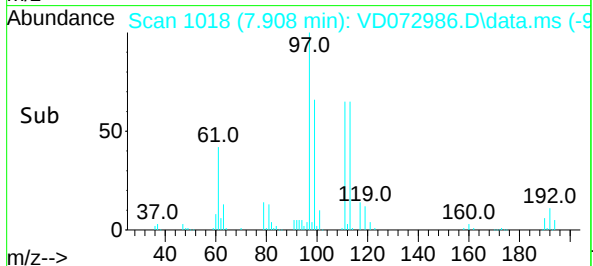
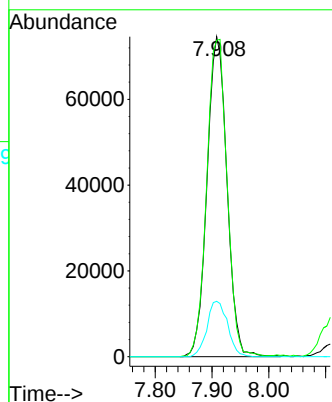
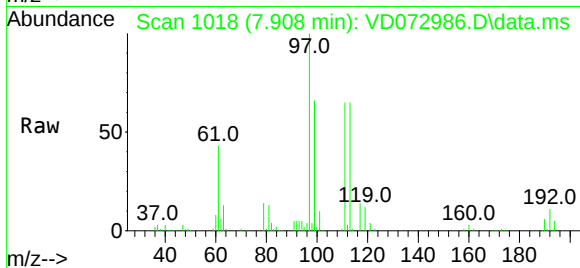
Tgt Ion:113 Resp: 181429

Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 17.9 14.6 21.8



#36

1,1-Dichloropropene

Concen: 52.816 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

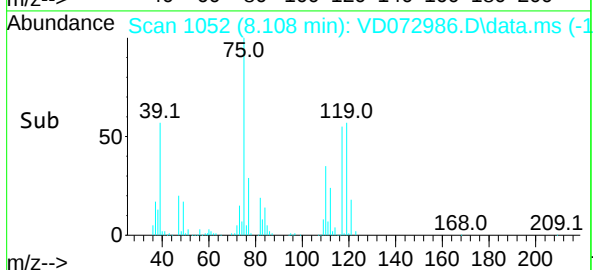
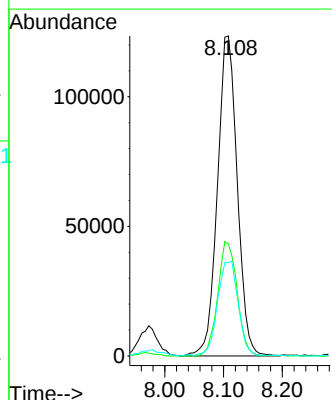
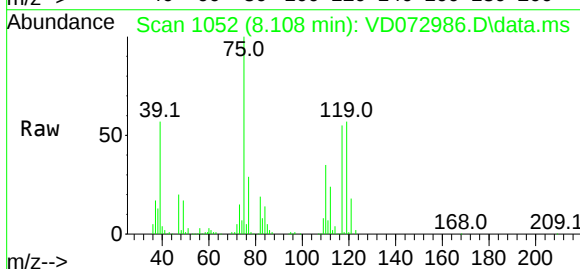
Tgt Ion: 75 Resp: 289445

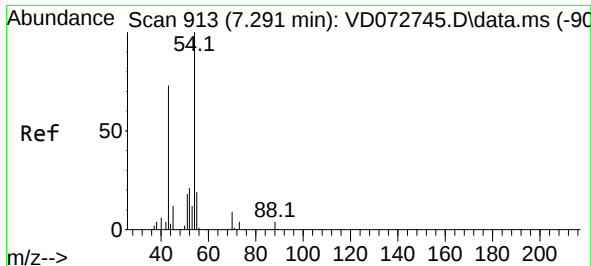
Ion Ratio Lower Upper

75 100

110 35.0 16.4 49.1

77 30.9 24.2 36.2





#37

Ethyl Acetate

Concen: 47.563 ug/l

RT: 7.285 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

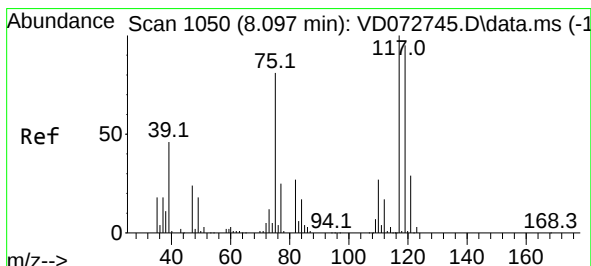
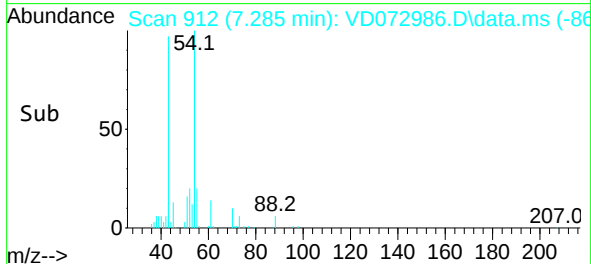
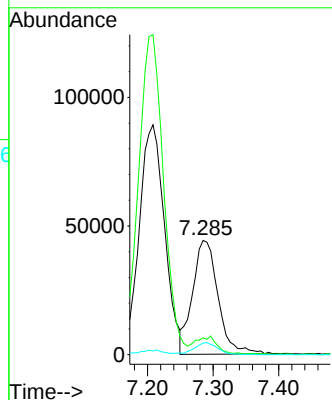
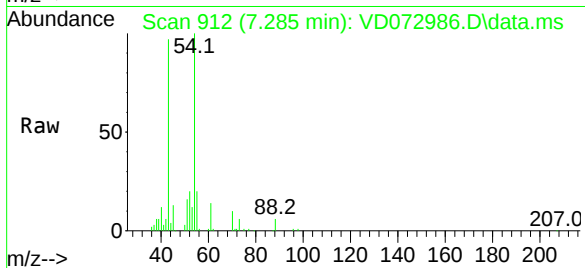
Tgt Ion: 43 Resp: 119825

Ion Ratio Lower Upper

43 100

61 13.4 9.8 14.8

70 9.7 6.9 10.3



#38

Carbon Tetrachloride

Concen: 52.920 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. -0.007 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

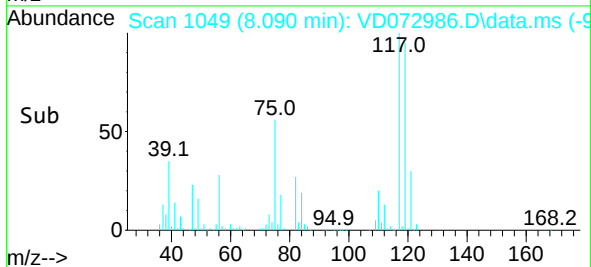
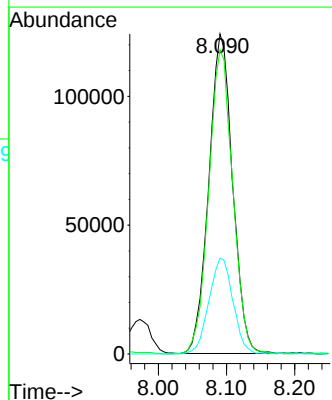
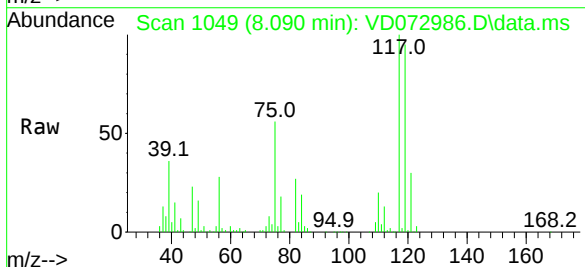
Tgt Ion: 117 Resp: 301052

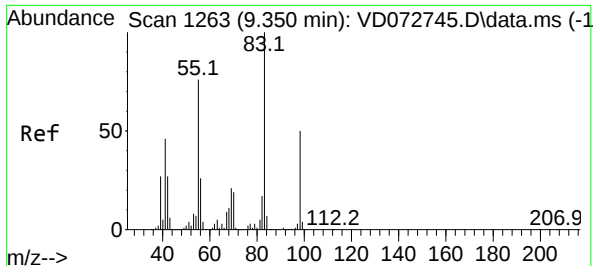
Ion Ratio Lower Upper

117 100

119 95.0 75.8 113.6

121 30.0 24.5 36.7





#39

Methylcyclohexane

Concen: 50.184 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

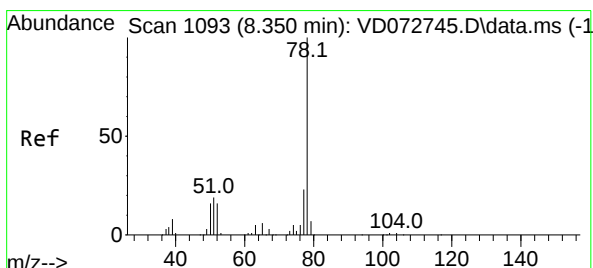
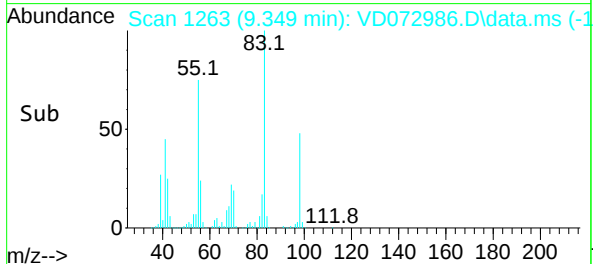
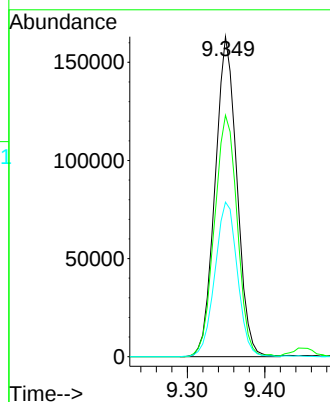
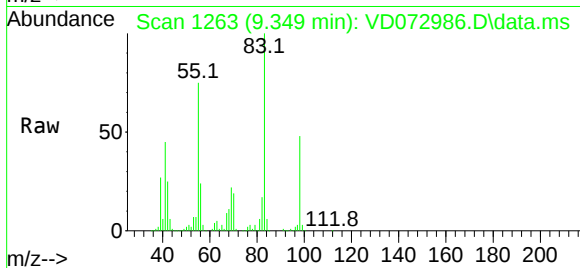
Tgt Ion: 83 Resp: 319005

Ion Ratio Lower Upper

83 100

55 75.5 63.2 94.8

98 48.3 38.2 57.4



#40

Benzene

Concen: 52.447 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.007 min

Lab File: VD072986.D

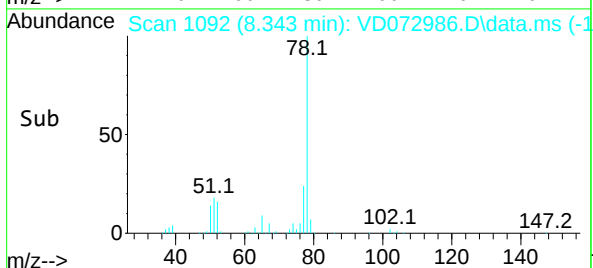
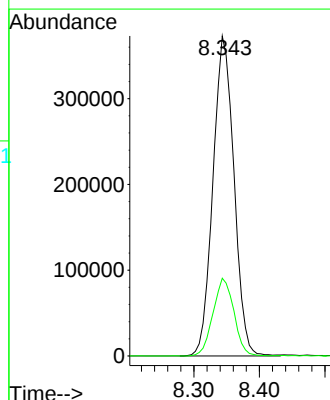
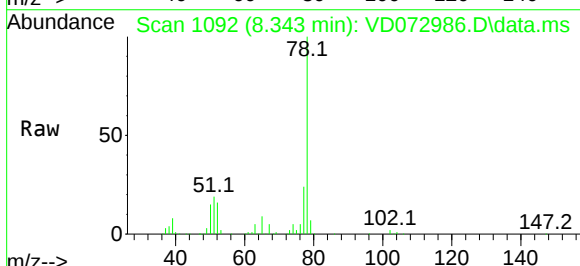
Acq: 13 May 2022 13:07

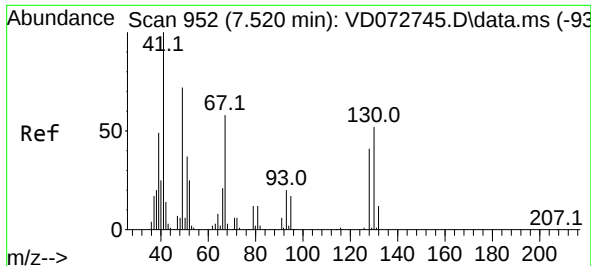
Tgt Ion: 78 Resp: 830023

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7



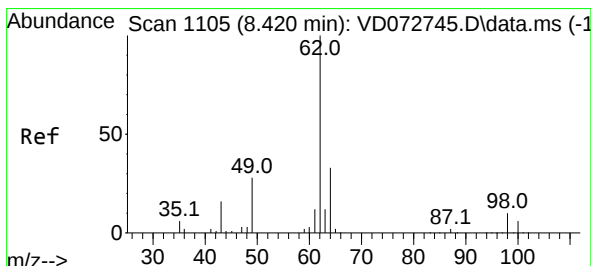
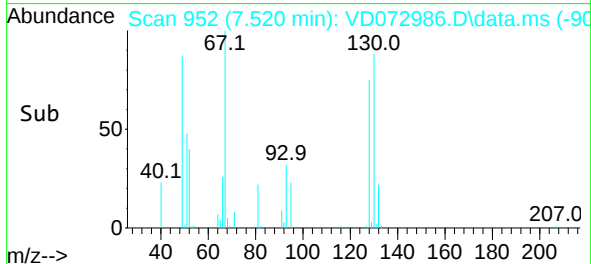
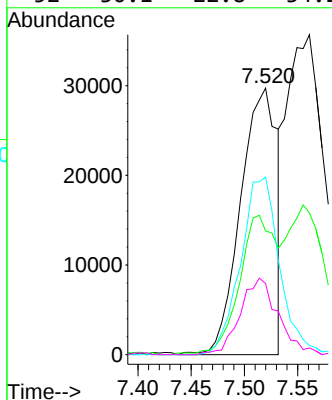
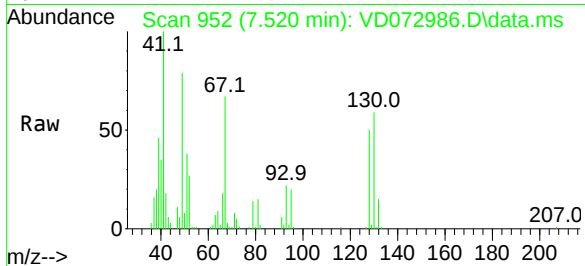


#41
Methacrylonitrile
Concen: 47.080 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 41 Resp: 70623

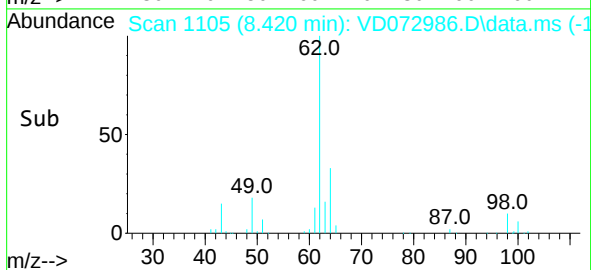
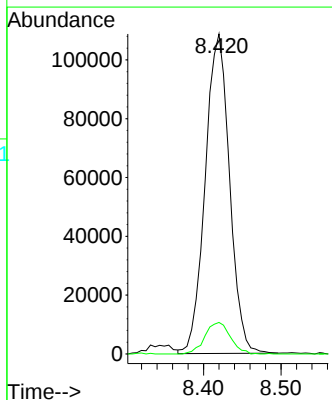
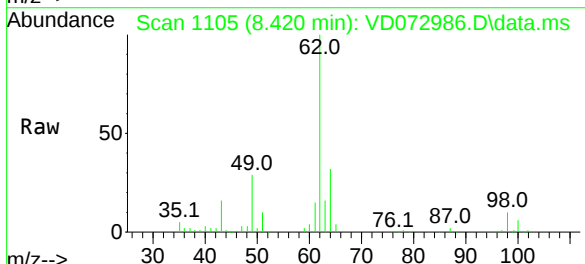
Ion	Ratio	Lower	Upper
41	100		
39	52.3	44.6	67.0
67	71.7	48.2	72.4
52	30.1	22.8	34.2

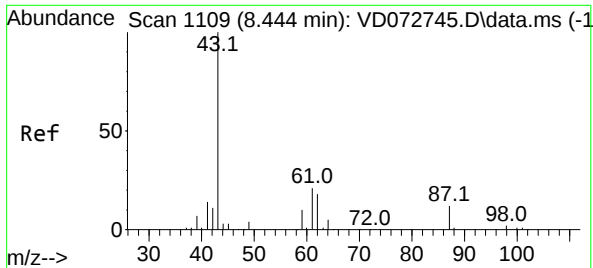


#42
1,2-Dichloroethane
Concen: 49.739 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 62 Resp: 237209

Ion	Ratio	Lower	Upper
62	100		
98	10.3	0.0	17.6

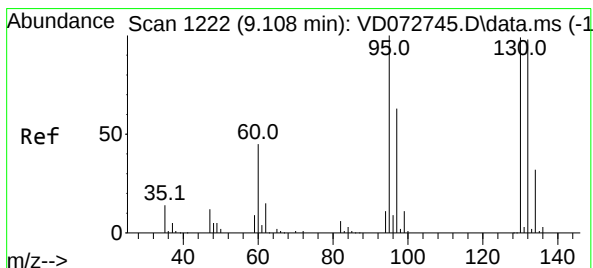
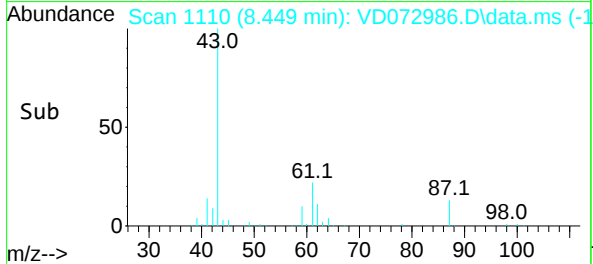
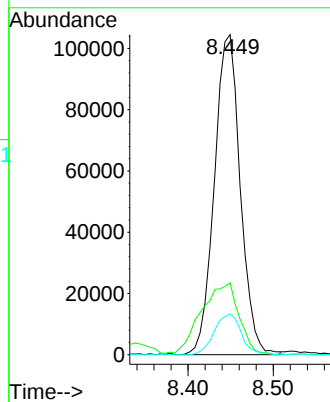
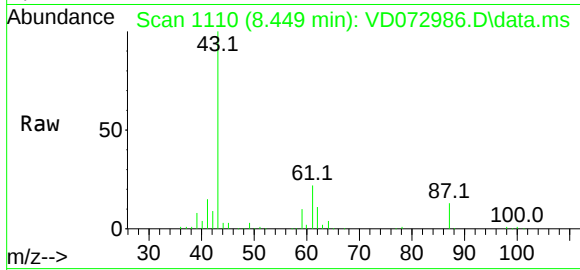




#43
Isopropyl Acetate
Concen: 47.471 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

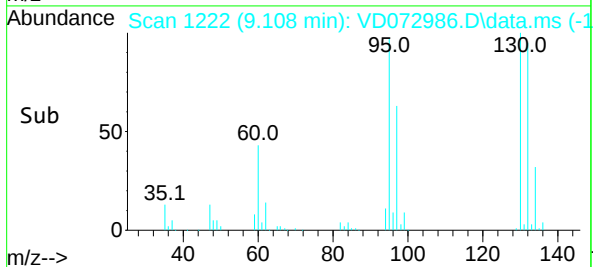
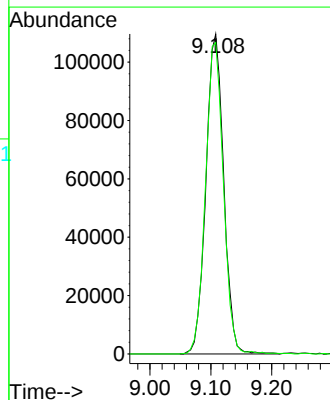
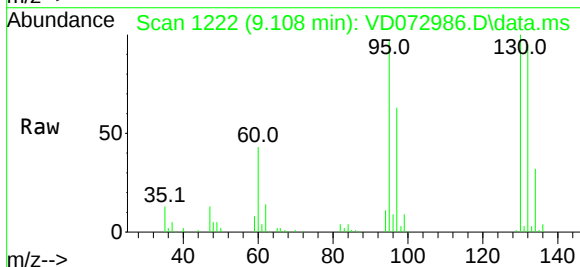
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

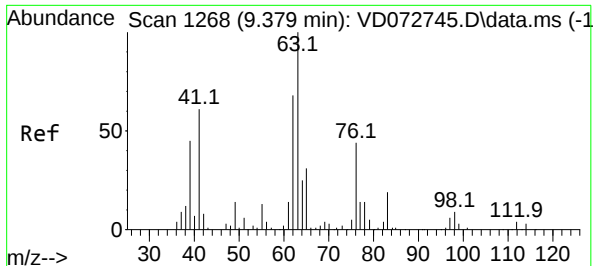
Tgt Ion: 43 Resp: 220734
Ion Ratio Lower Upper
43 100
61 32.7 22.4 33.6
87 13.1 8.7 13.1#



#44
Trichloroethene
Concen: 52.545 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:130 Resp: 222476
Ion Ratio Lower Upper
130 100
95 97.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.902 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

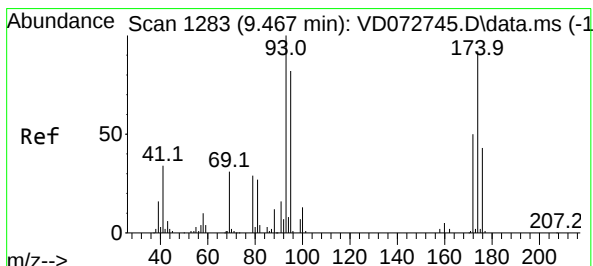
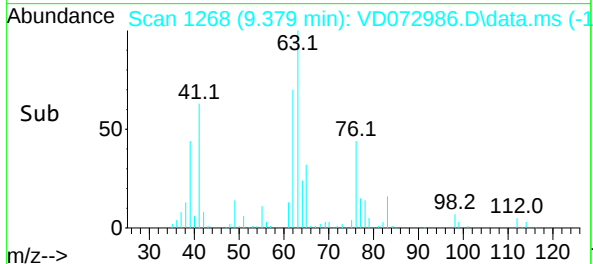
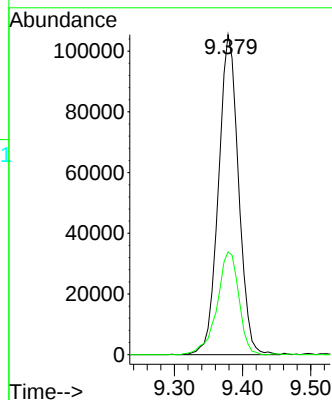
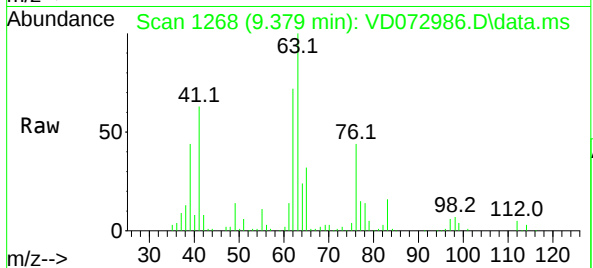
VSTDCCC050

Tgt Ion: 63 Resp: 215717

Ion Ratio Lower Upper

63 100

65 32.1 26.2 39.4



#46

Dibromomethane

Concen: 51.004 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

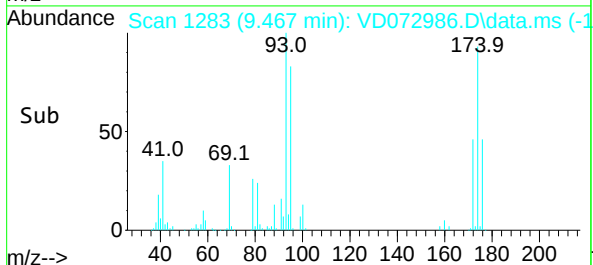
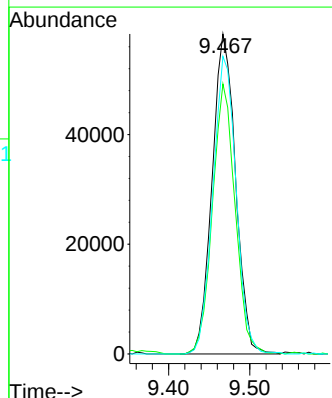
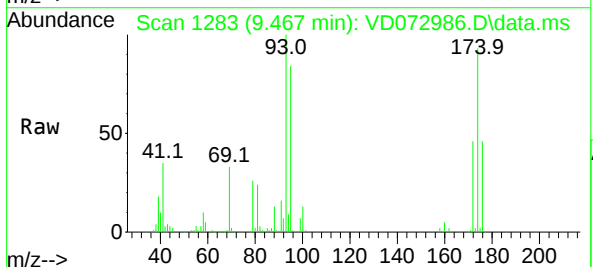
Tgt Ion: 93 Resp: 116935

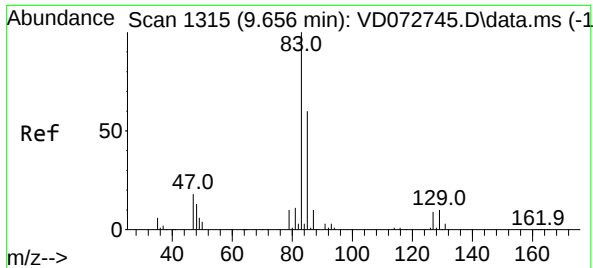
Ion Ratio Lower Upper

93 100

95 81.8 66.7 100.1

174 92.4 71.6 107.4

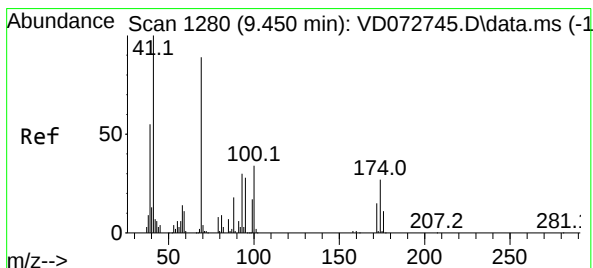
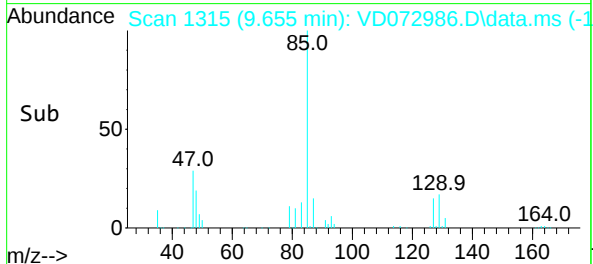
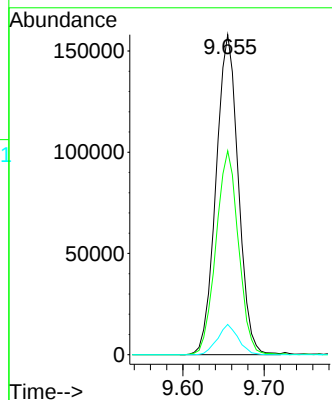
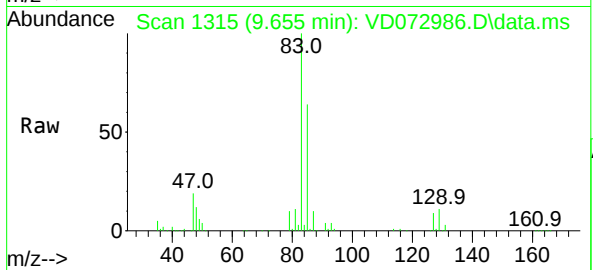




#47
Bromodichloromethane
Concen: 51.108 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

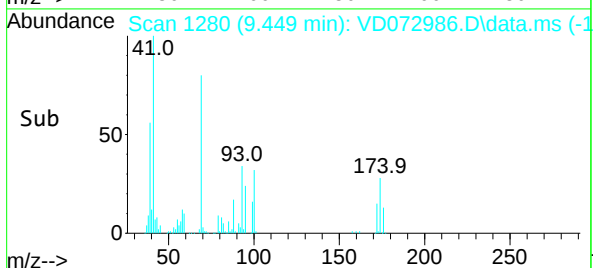
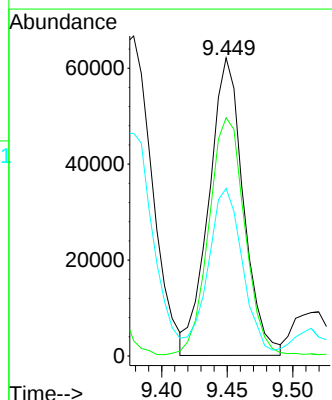
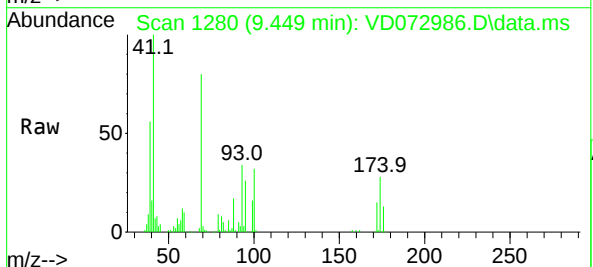
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

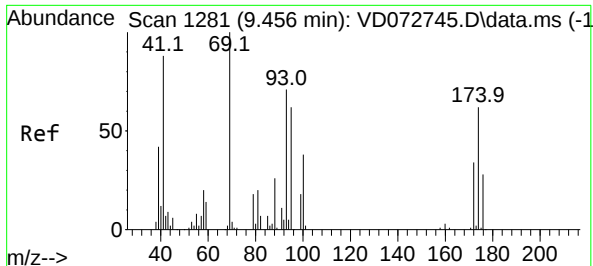
Tgt Ion: 83 Resp: 301430
Ion Ratio Lower Upper
83 100
85 63.7 51.4 77.0
127 9.5 6.1 9.1#



#48
Methyl methacrylate
Concen: 49.993 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 41 Resp: 113724
Ion Ratio Lower Upper
41 100
69 82.9 56.7 85.1
39 52.5 42.7 64.1





#49

1,4-Dioxane

Concen: 981.980 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

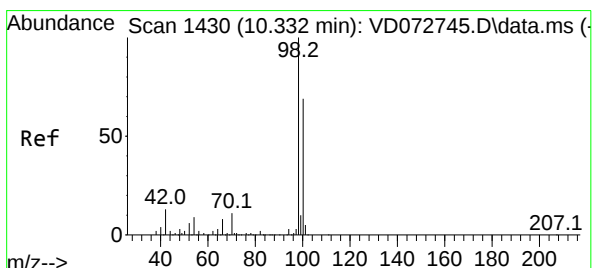
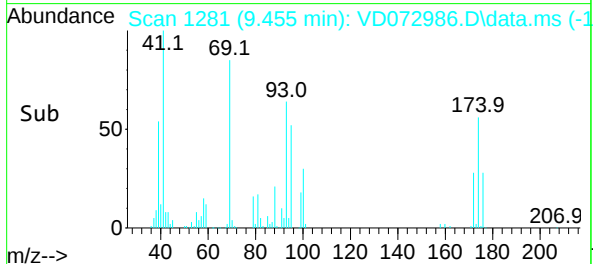
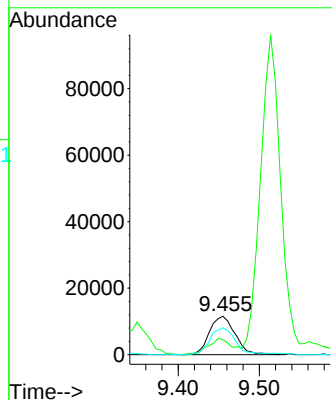
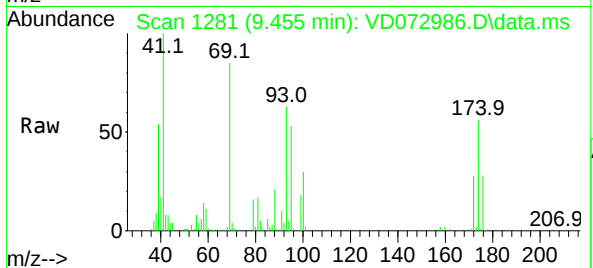
Tgt Ion: 88 Resp: 25352

Ion Ratio Lower Upper

88 100

43 40.6 31.0 46.4

58 69.2 58.1 87.1



#50

Toluene-d8

Concen: 53.806 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD072986.D

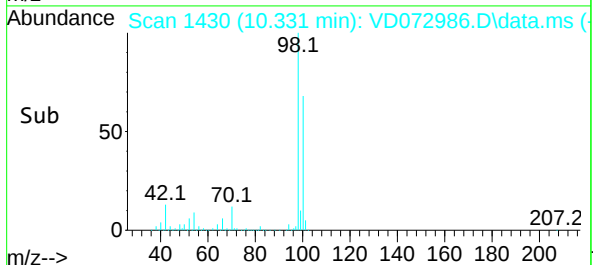
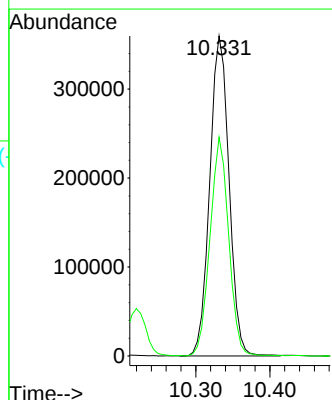
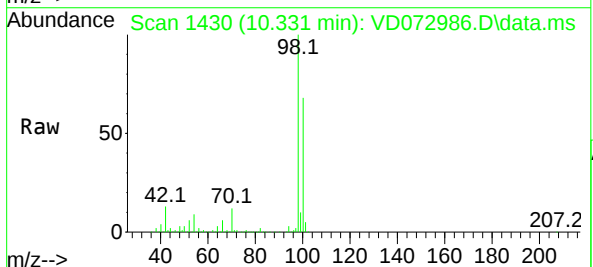
Acq: 13 May 2022 13:07

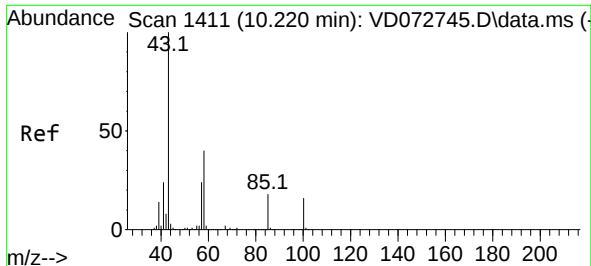
Tgt Ion: 98 Resp: 650496

Ion Ratio Lower Upper

98 100

100 66.3 52.4 78.6

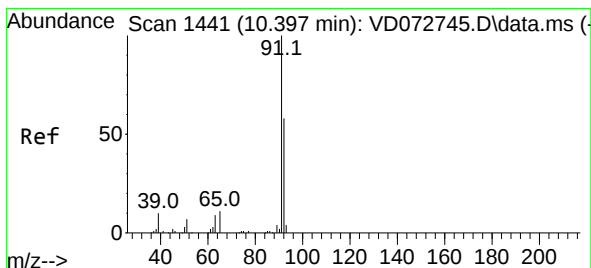
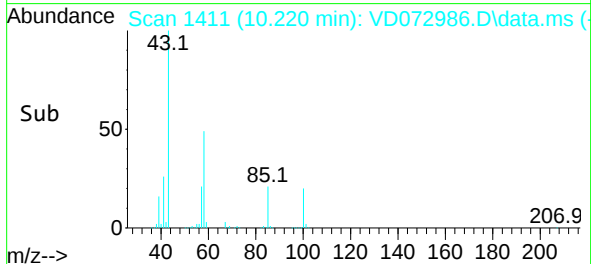
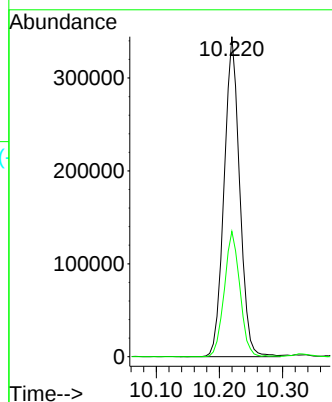
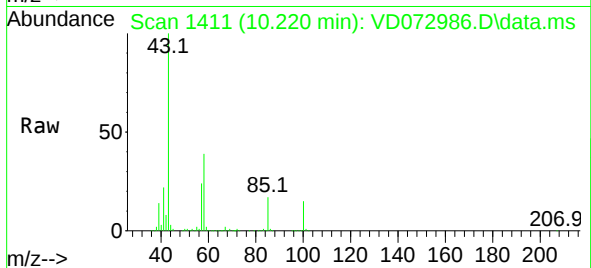




#51
4-Methyl-2-Pentanone
Concen: 244.906 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

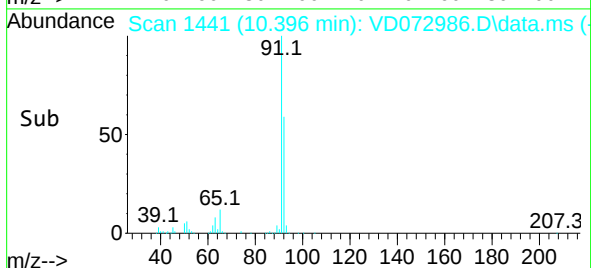
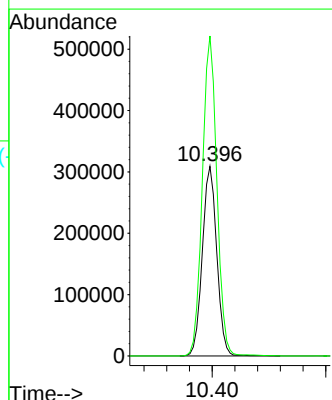
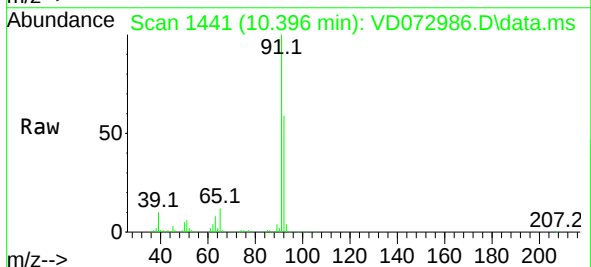
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

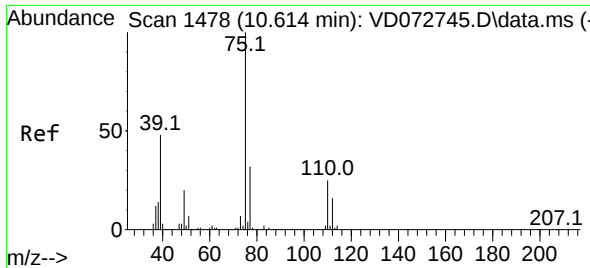
Tgt Ion: 43 Resp: 591750
Ion Ratio Lower Upper
43 100
58 39.2 28.6 43.0



#52
Toluene
Concen: 55.183 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 92 Resp: 544781
Ion Ratio Lower Upper
92 100
91 169.6 139.6 209.4

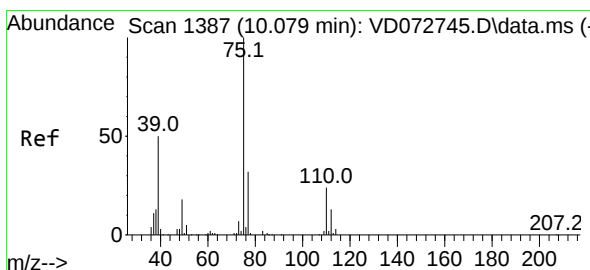
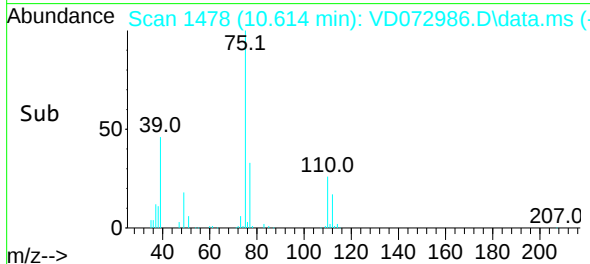
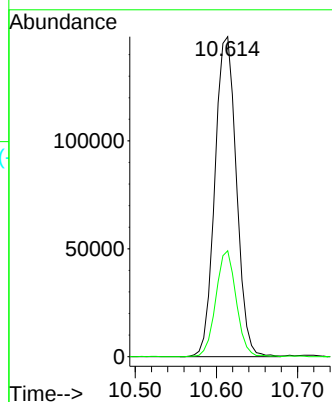
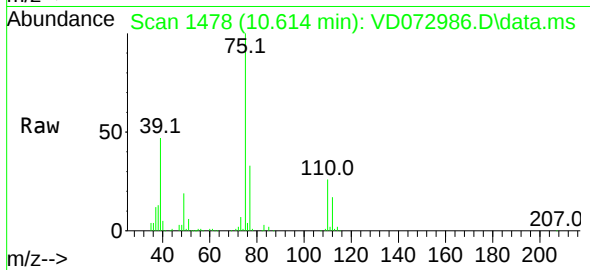




#53
t-1,3-Dichloropropene
Concen: 50.463 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

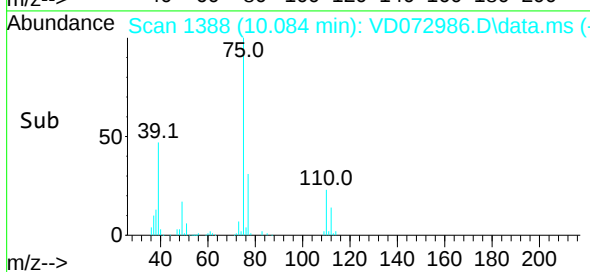
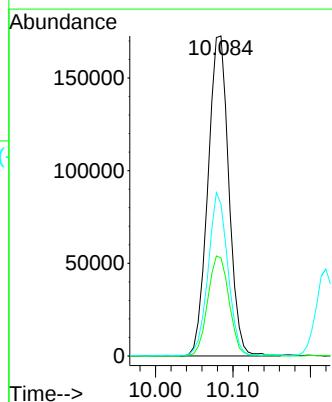
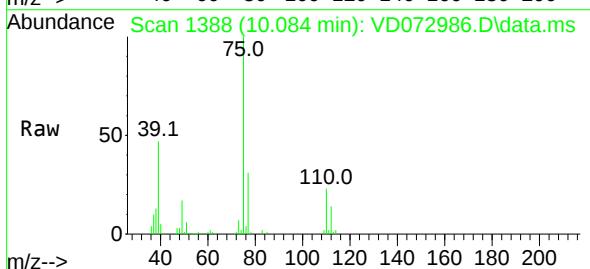
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

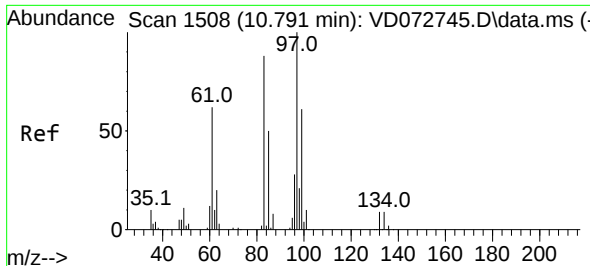
Tgt Ion: 75 Resp: 273379
Ion Ratio Lower Upper
75 100
77 33.1 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.400 ug/l
RT: 10.084 min Scan# 1388
Delta R.T. 0.005 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 75 Resp: 323506
Ion Ratio Lower Upper
75 100
77 30.7 24.8 37.2
39 47.2 46.8 70.2



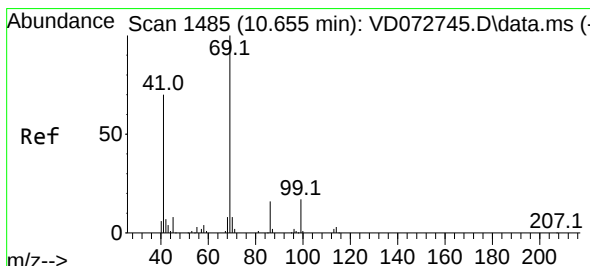
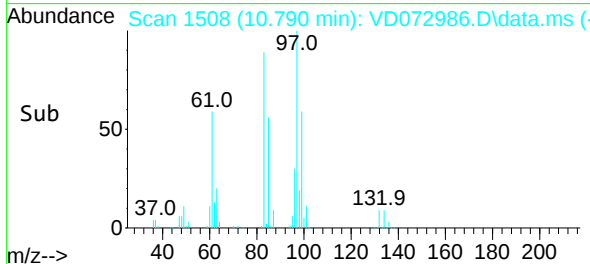
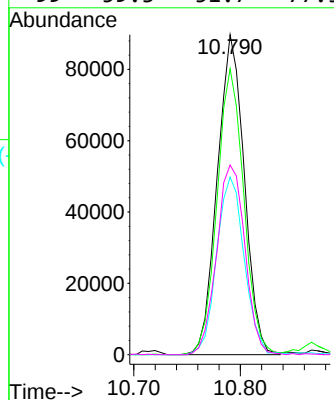
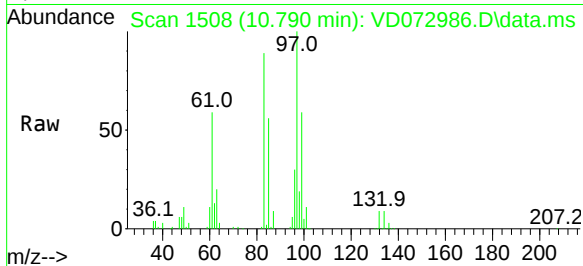


#55
1,1,2-Trichloroethane
Concen: 50.878 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 157687

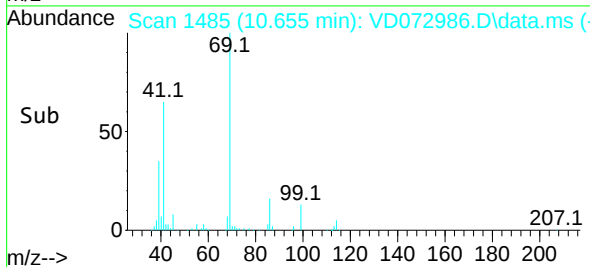
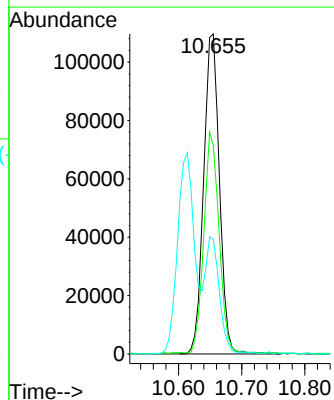
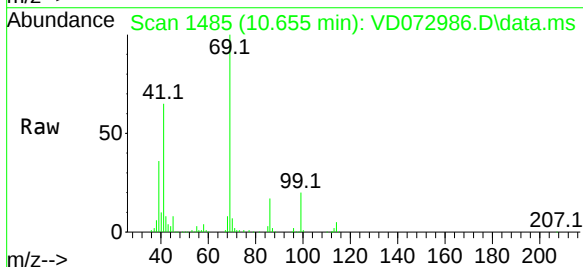
Ion	Ratio	Lower	Upper
97	100		
83	89.3	69.0	103.4
85	55.5	42.6	63.8
99	59.3	51.7	77.5

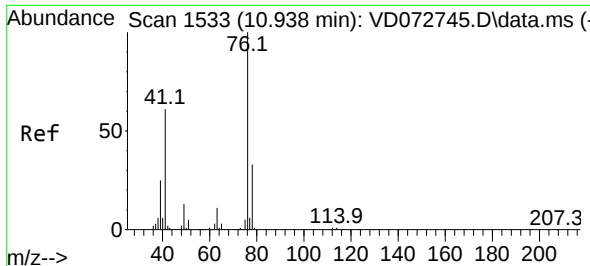


#56
Ethyl methacrylate
Concen: 52.077 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 69 Resp: 190040

Ion	Ratio	Lower	Upper
69	100		
41	66.4	63.0	94.6
39	31.0	33.8	50.8#

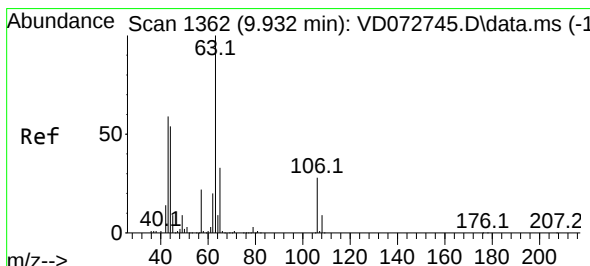
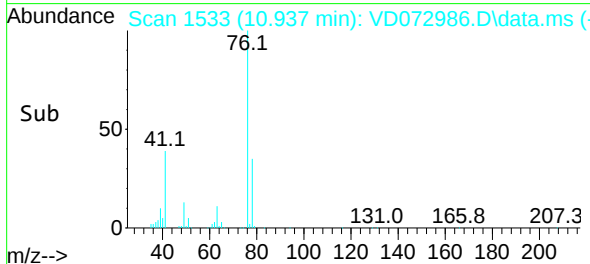
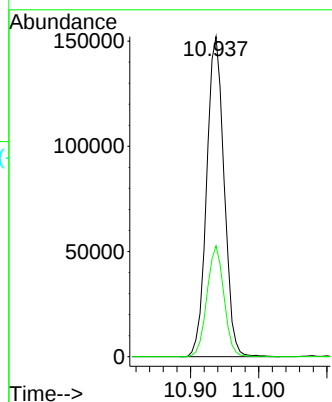
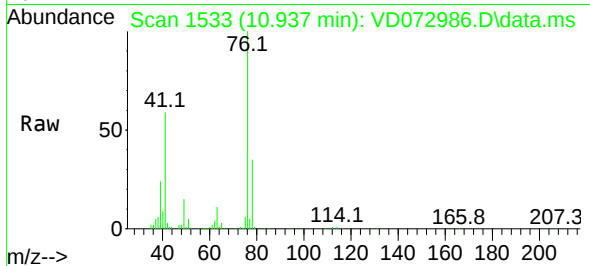




#57
1,3-Dichloropropane
Concen: 50.868 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

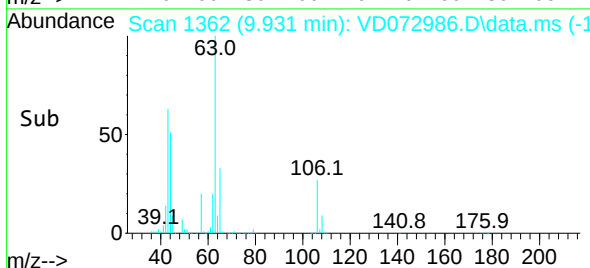
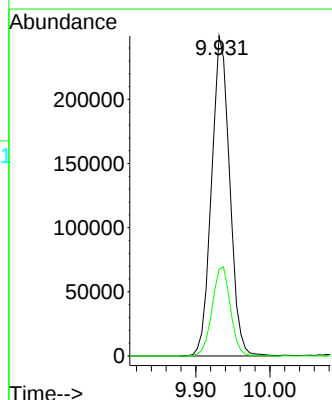
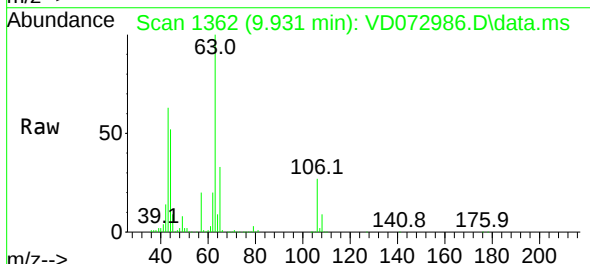
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

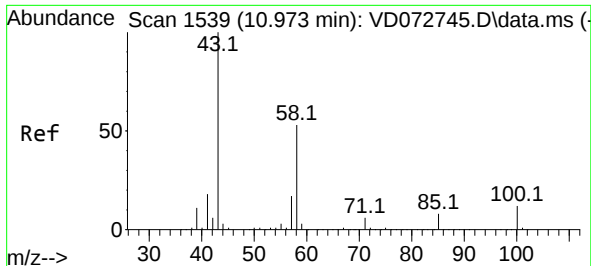
Tgt Ion: 76 Resp: 270546
Ion Ratio Lower Upper
76 100
78 33.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 239.959 ug/l
RT: 9.931 min Scan# 1362
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 63 Resp: 424552
Ion Ratio Lower Upper
63 100
106 28.0 21.4 32.0

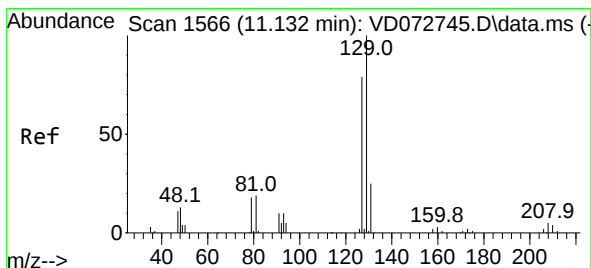
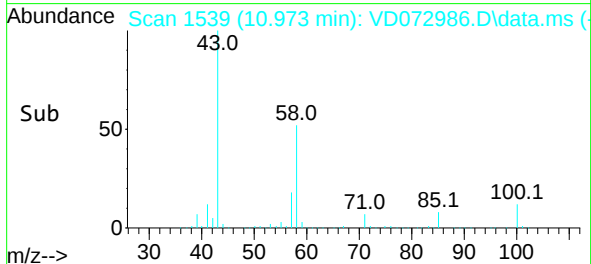
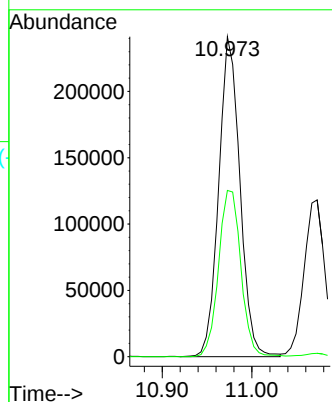
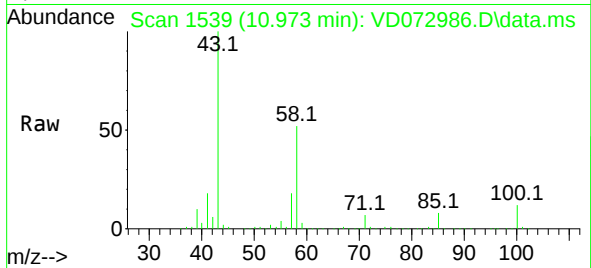




#59
2-Hexanone
Concen: 243.940 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

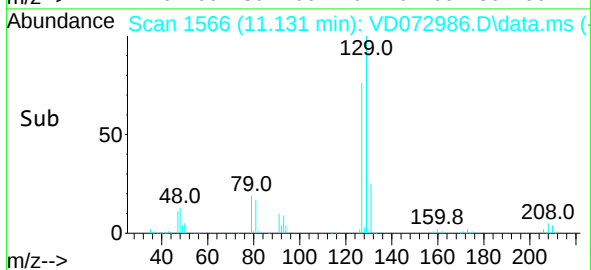
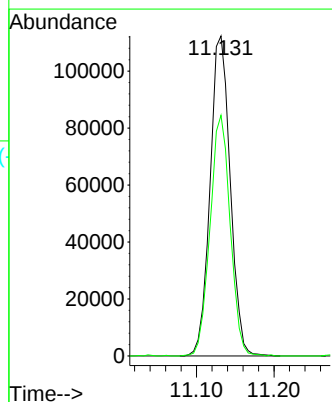
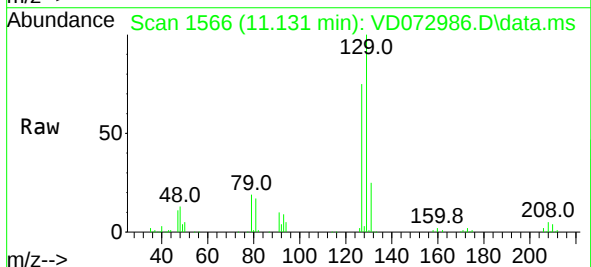
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

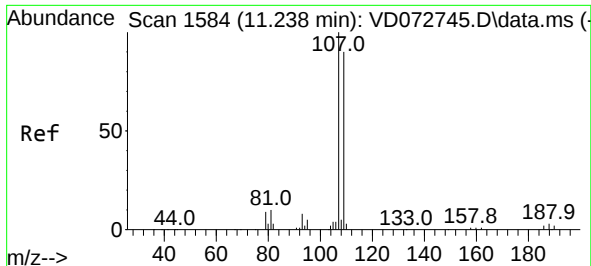
Tgt Ion: 43 Resp: 396610
Ion Ratio Lower Upper
43 100
58 54.7 25.3 75.9



#60
Dibromochloromethane
Concen: 51.897 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:129 Resp: 202481
Ion Ratio Lower Upper
129 100
127 75.2 39.2 117.6

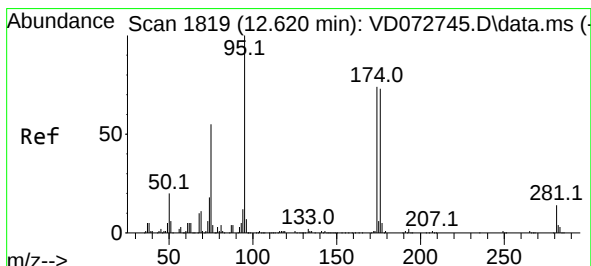
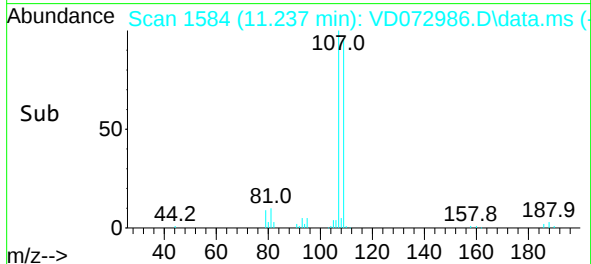
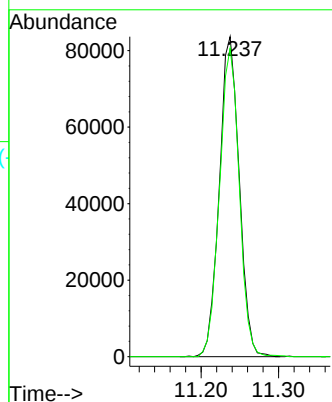
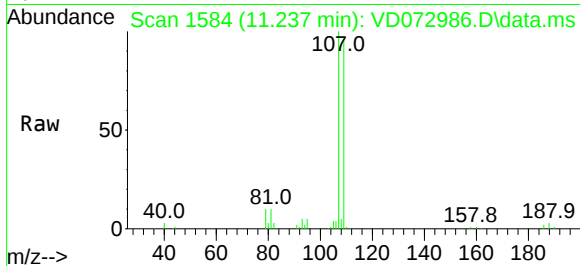




#61
1,2-Dibromoethane
Concen: 49.494 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

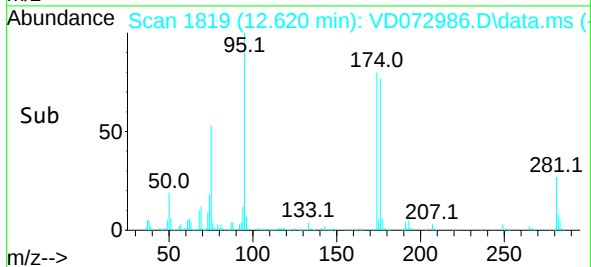
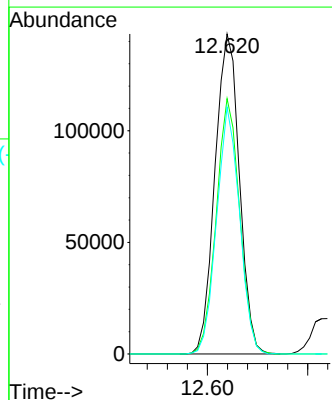
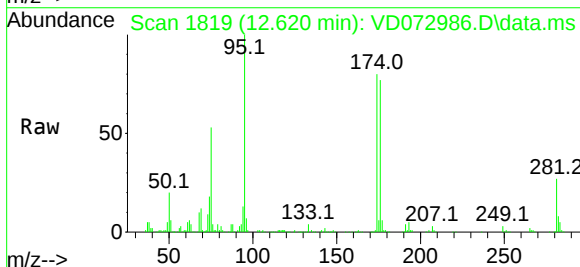
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

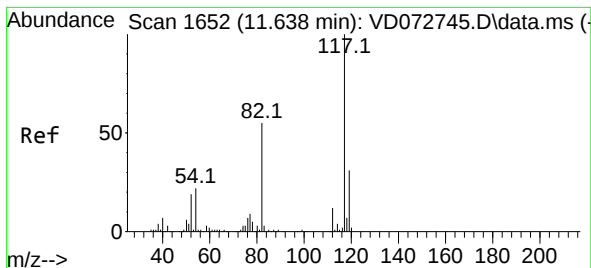
Tgt Ion:107 Resp: 149309
Ion Ratio Lower Upper
107 100
109 95.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 53.732 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 95 Resp: 242221
Ion Ratio Lower Upper
95 100
174 76.7 0.0 152.8
176 72.2 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.637 min Scan# 1

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

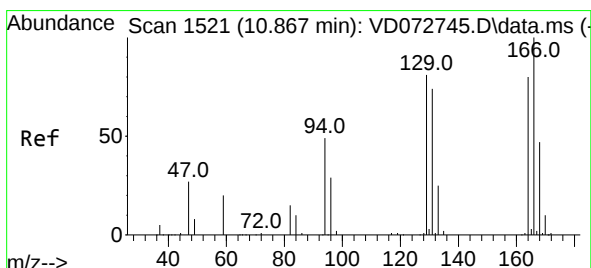
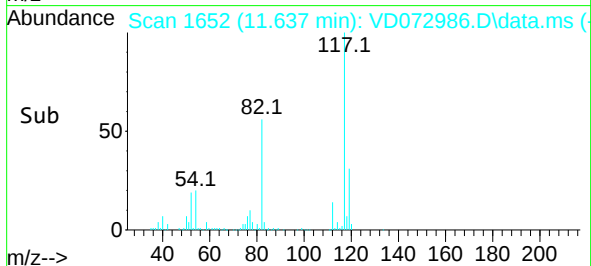
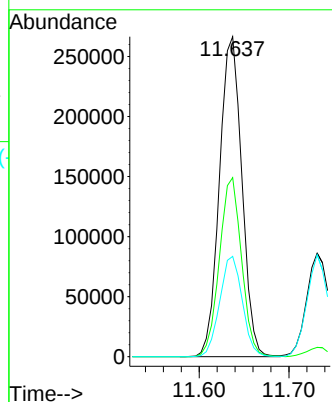
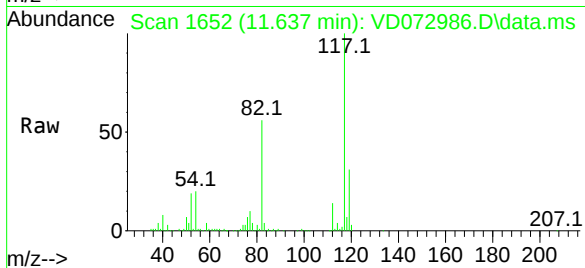
Tgt Ion:117 Resp: 462640

Ion Ratio Lower Upper

117 100

82 55.9 45.3 67.9

119 31.4 26.6 40.0



#64

Tetrachloroethene

Concen: 51.277 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Tgt Ion:164 Resp: 173442

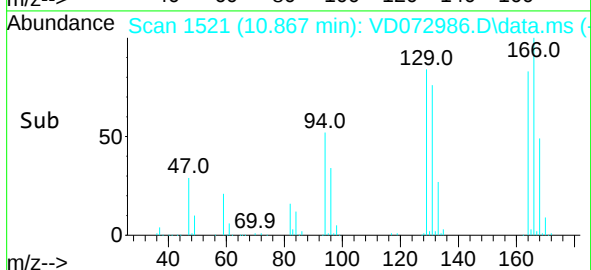
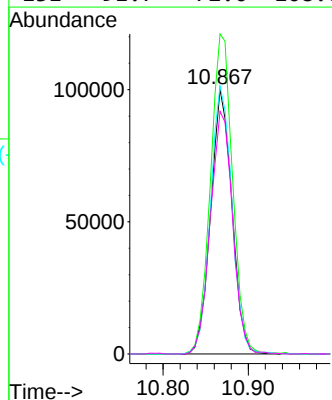
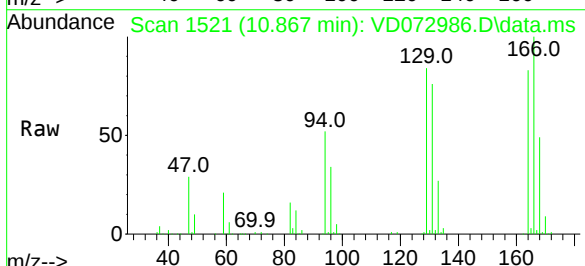
Ion Ratio Lower Upper

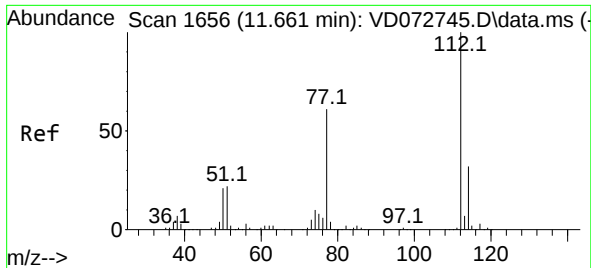
164 100

166 120.9 98.5 147.7

129 101.3 74.6 111.8

131 91.7 72.0 108.0

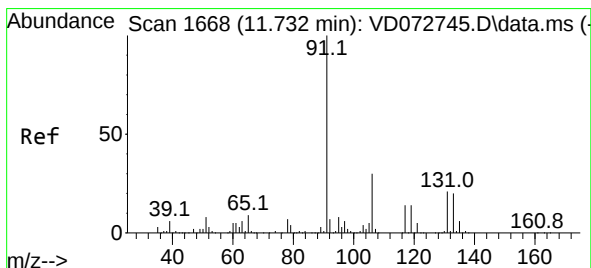
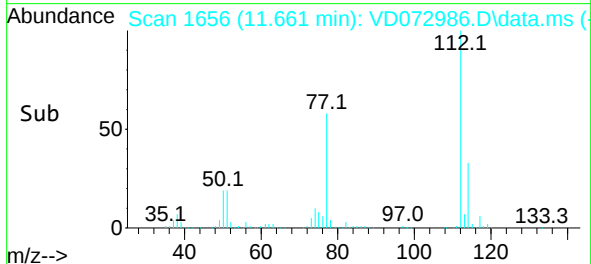
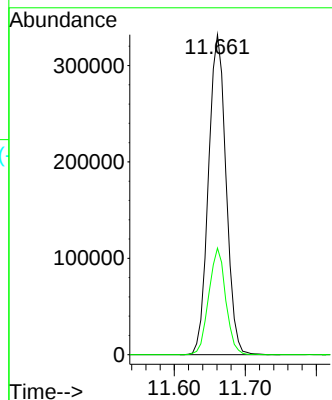
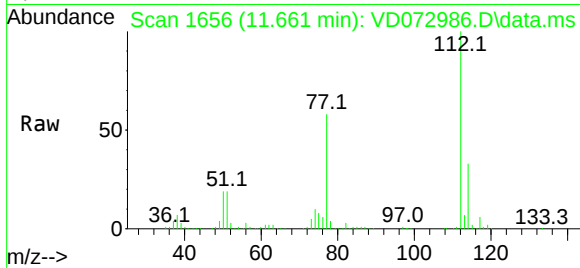




#65
Chlorobenzene
Concen: 53.350 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

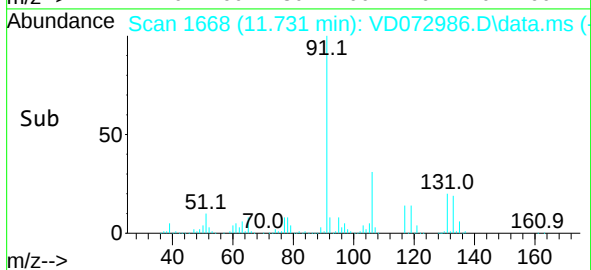
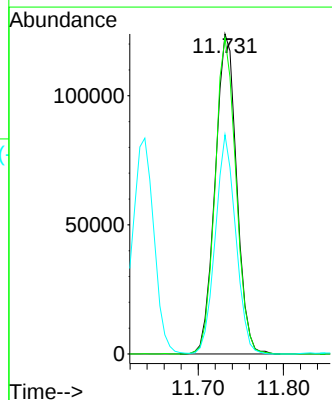
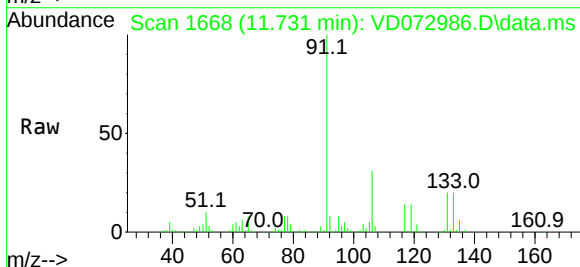
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

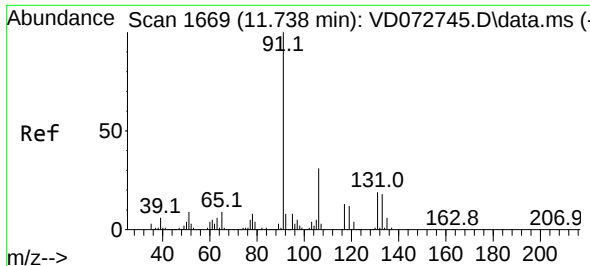
Tgt Ion:112 Resp: 570874
Ion Ratio Lower Upper
112 100
114 33.3 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.045 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:131 Resp: 217338
Ion Ratio Lower Upper
131 100
133 96.2 48.1 144.3
119 65.2 31.9 95.9

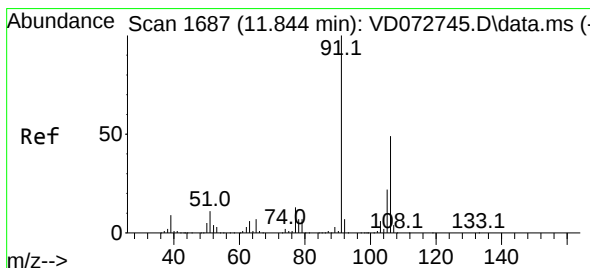
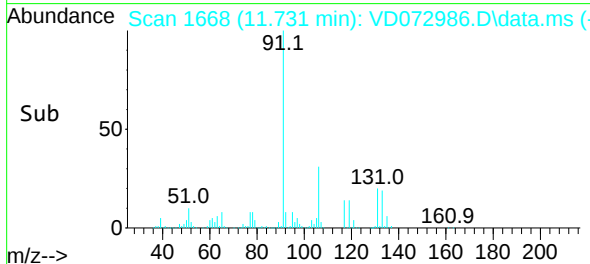
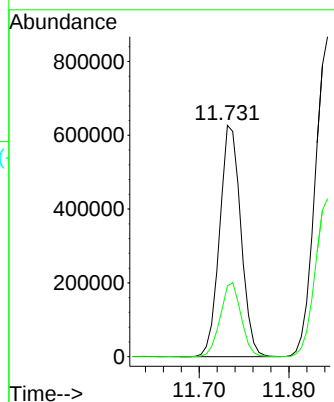
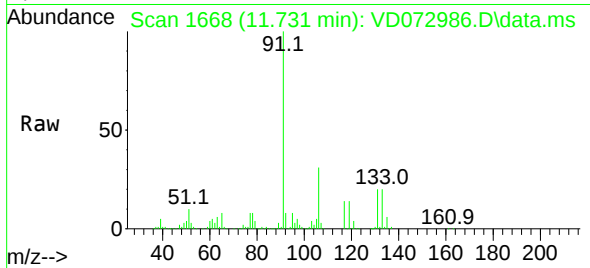




#67
Ethyl Benzene
Concen: 55.674 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.007 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

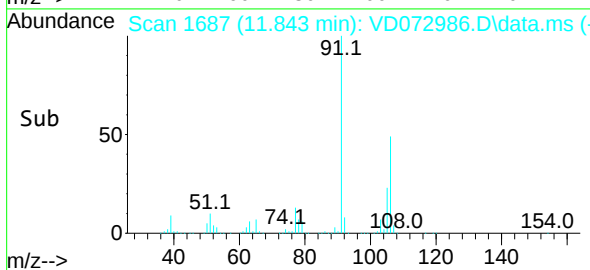
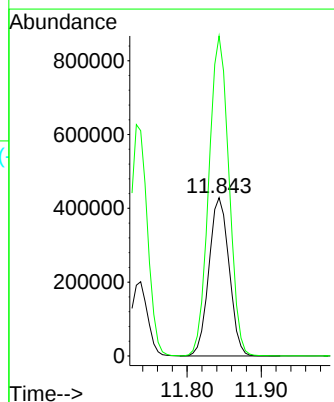
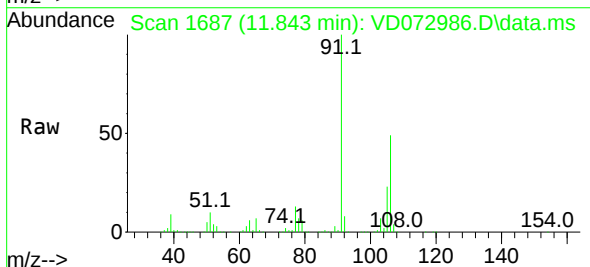
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

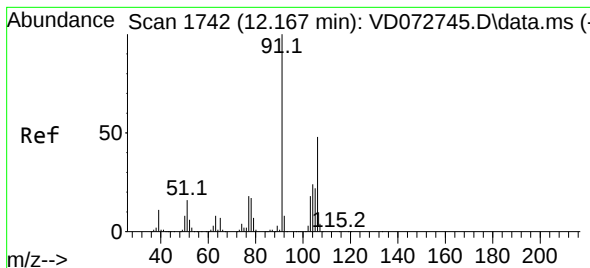
Tgt Ion: 91 Resp: 1031006
Ion Ratio Lower Upper
91 100
106 30.5 24.2 36.4



#68
m/p-Xylenes
Concen: 113.671 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:106 Resp: 810860
Ion Ratio Lower Upper
106 100
91 201.6 163.7 245.5

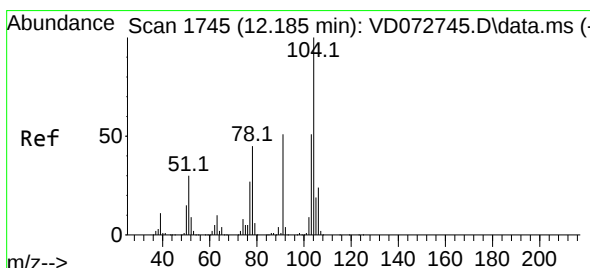
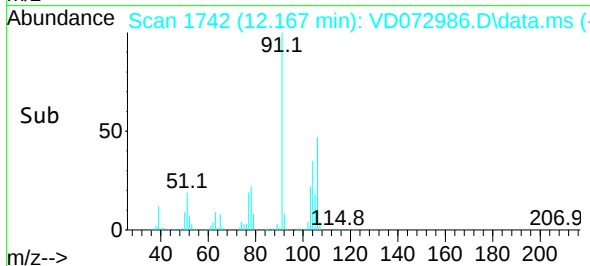
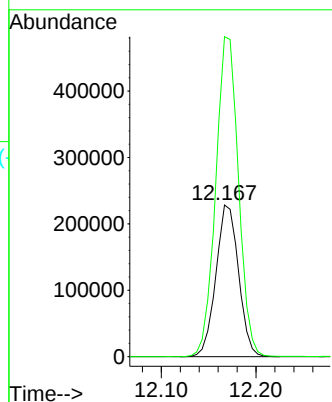
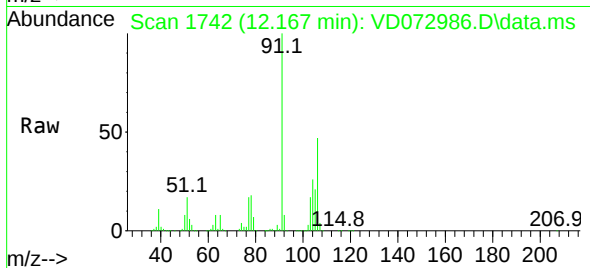




#69
o-Xylene
Concen: 57.017 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

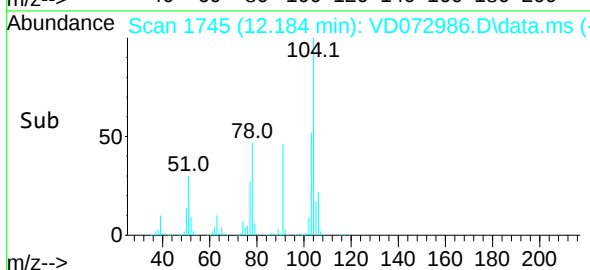
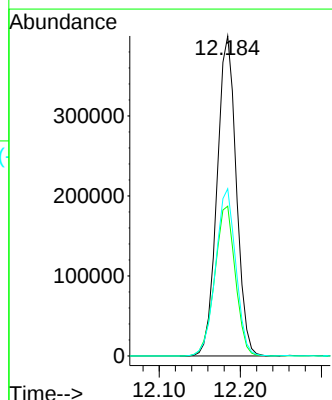
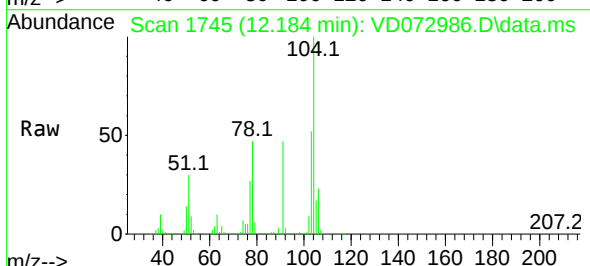
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

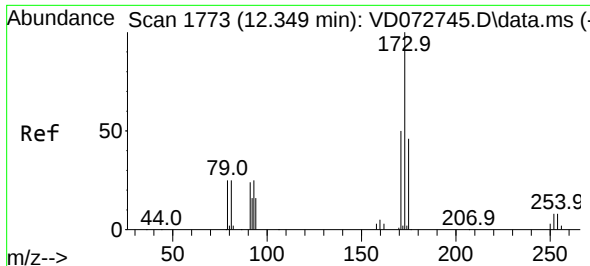
Tgt Ion:106 Resp: 379854
Ion Ratio Lower Upper
106 100
91 212.2 110.4 331.2



#70
Styrene
Concen: 57.000 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:104 Resp: 657941
Ion Ratio Lower Upper
104 100
78 50.2 41.8 62.8
103 55.1 44.2 66.4

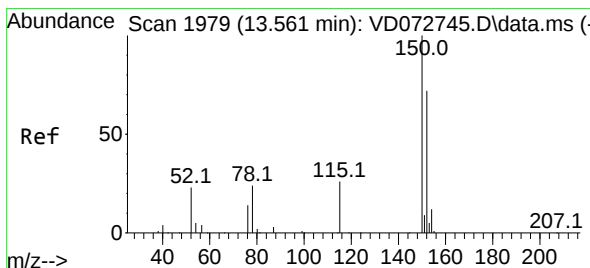
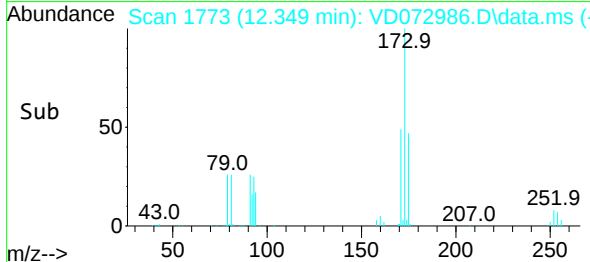
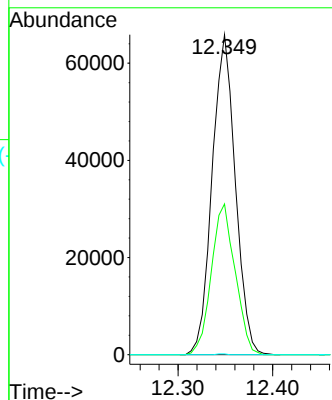
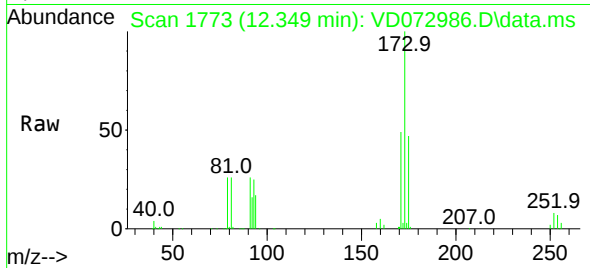




#71
Bromoform
Concen: 51.438 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

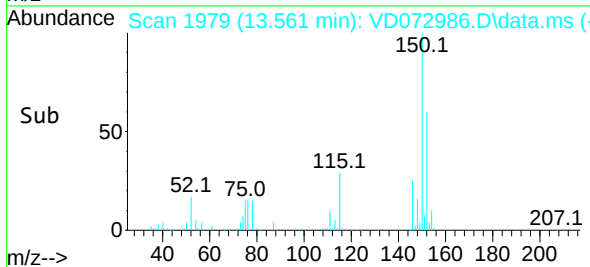
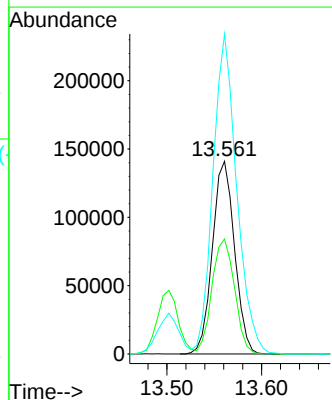
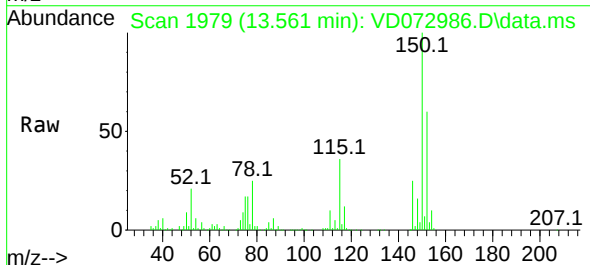
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

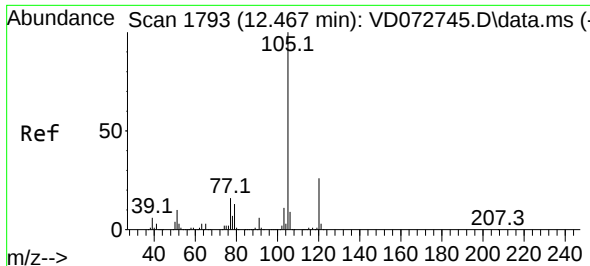
Tgt Ion:173 Resp: 112107
Ion Ratio Lower Upper
173 100
175 48.4 23.9 71.8
254 0.1 0.0 0.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:152 Resp: 229521
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 178.2 0.0 348.6

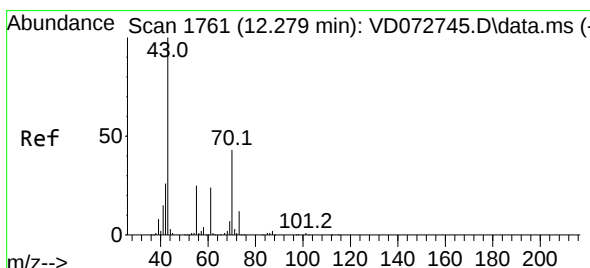
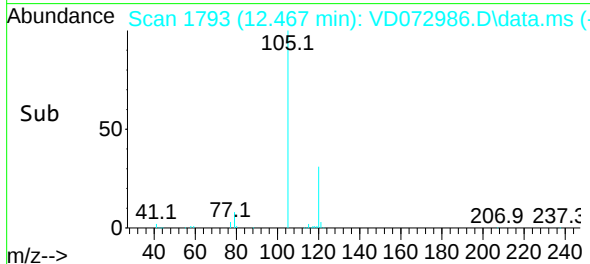
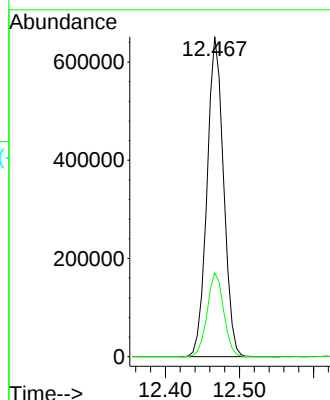
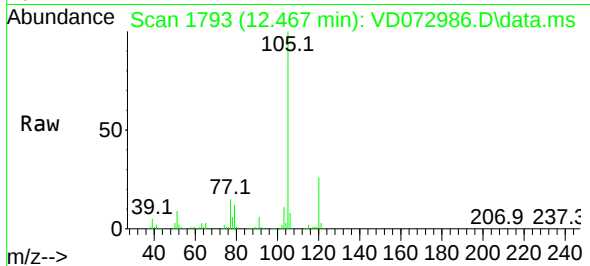




#73
Isopropylbenzene
Concen: 56.444 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

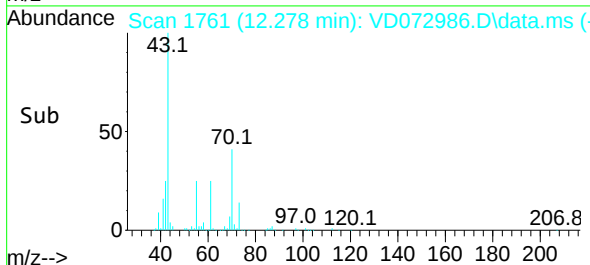
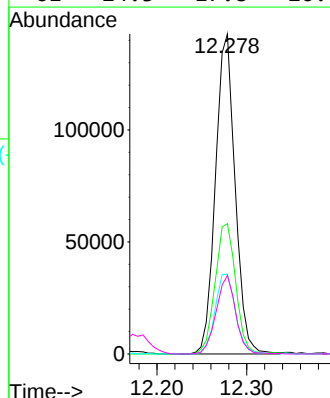
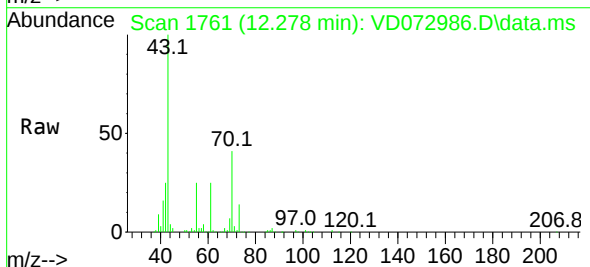
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

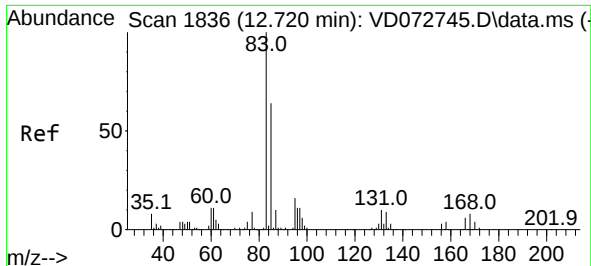
Tgt Ion:105 Resp: 1007949
Ion Ratio Lower Upper
105 100
120 26.2 13.0 38.9



#74
N-ethyl acetate
Concen: 48.809 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 43 Resp: 217056
Ion Ratio Lower Upper
43 100
70 42.6 31.3 46.9
55 26.0 20.0 30.0
61 24.3 17.8 26.8

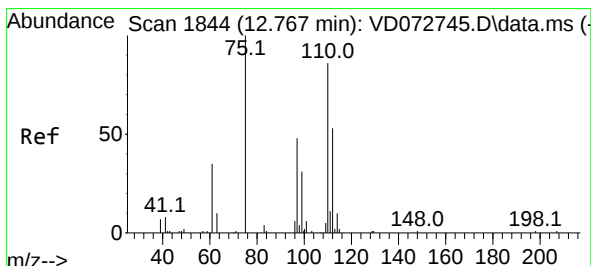
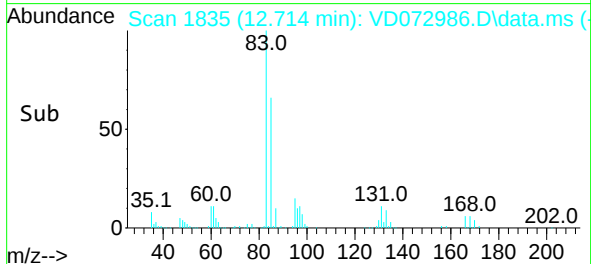
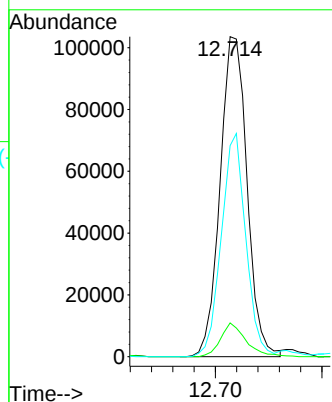
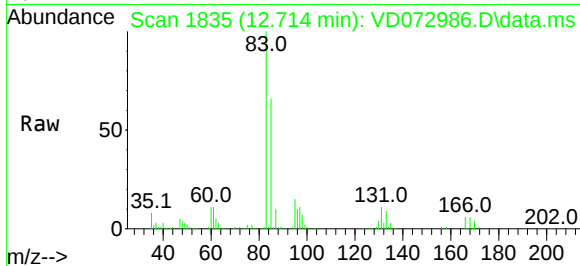




#75
 1,1,2,2-Tetrachloroethane
 Concen: 50.521 ug/l
 RT: 12.714 min Scan# 1835
 Delta R.T. -0.006 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

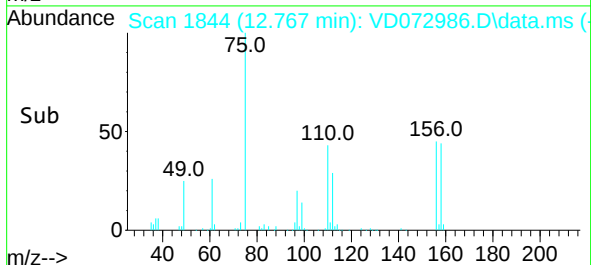
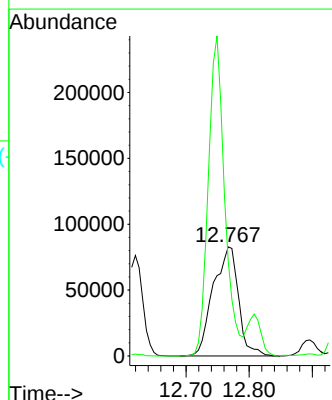
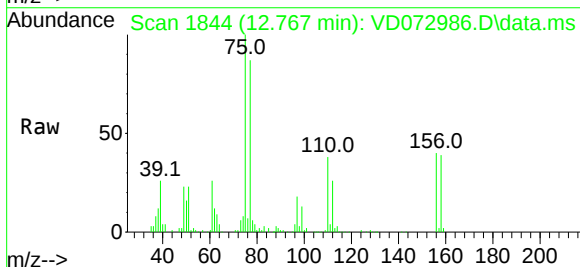
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

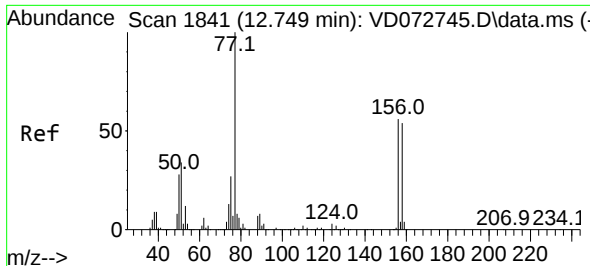
Tgt Ion: 83 Resp: 182116
 Ion Ratio Lower Upper
 83 100
 131 9.9 5.0 14.9
 85 63.2 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 89.822 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.000 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

Tgt Ion: 75 Resp: 229881
 Ion Ratio Lower Upper
 75 100
 77 191.8 0.0 0.0#

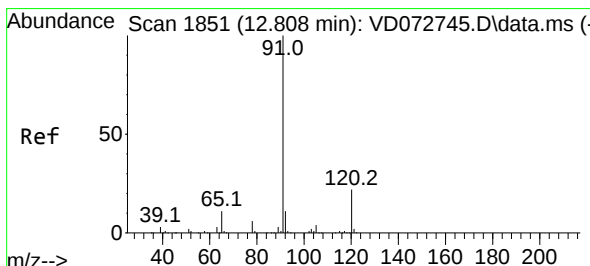
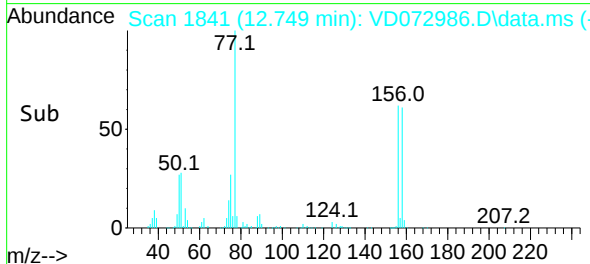
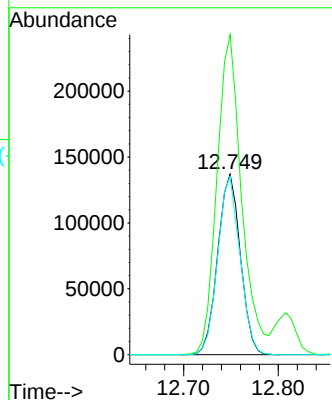
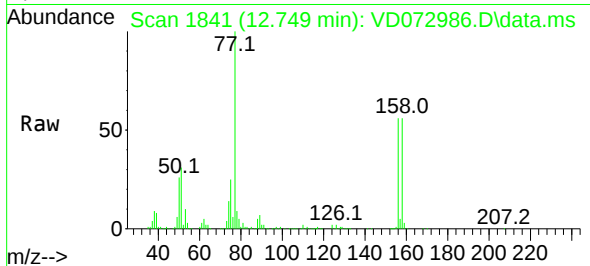




#77
Bromobenzene
Concen: 53.677 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

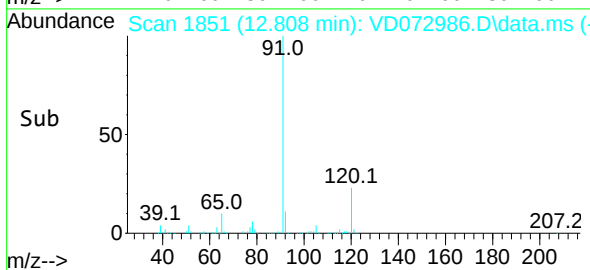
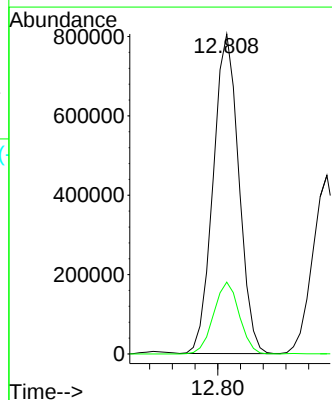
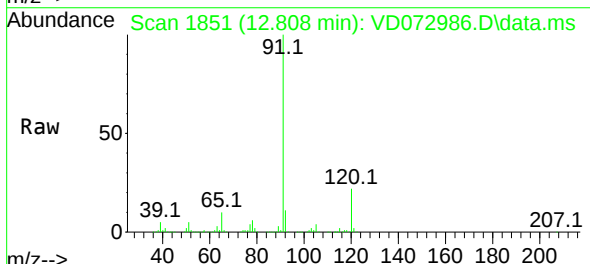
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

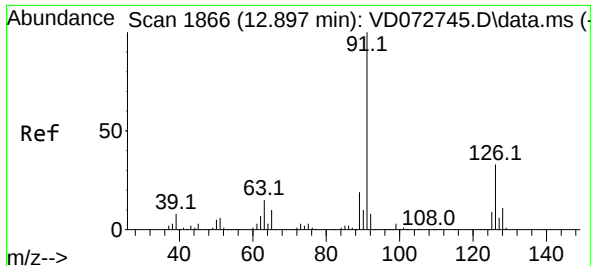
Tgt Ion:156 Resp: 227614
Ion Ratio Lower Upper
156 100
77 193.7 102.8 308.3
158 97.4 48.7 146.1



#78
n-propylbenzene
Concen: 56.146 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 91 Resp: 1263645
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9





#79

2-Chlorotoluene

Concen: 54.615 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

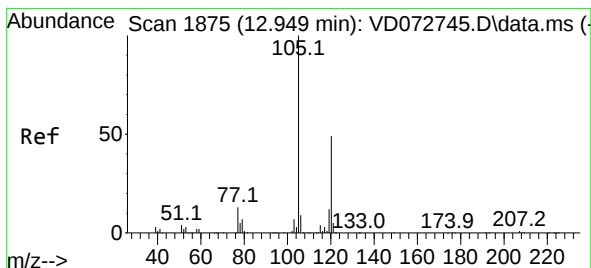
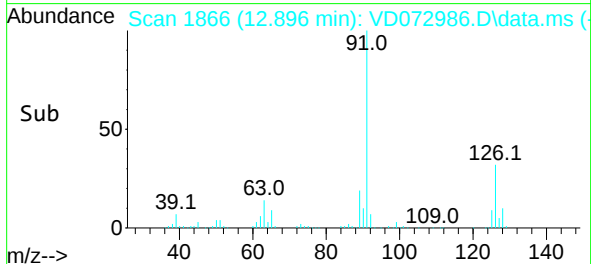
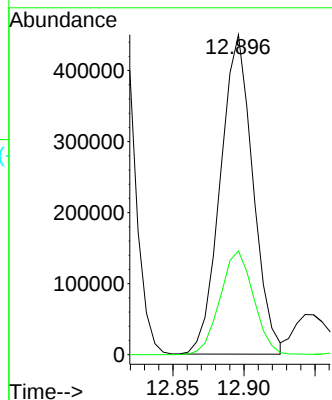
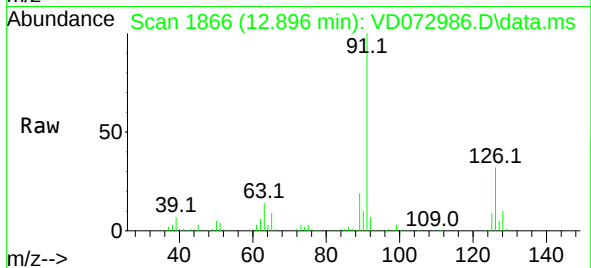
VSTDCCC050

Tgt Ion: 91 Resp: 718035

Ion Ratio Lower Upper

91 100

126 33.3 16.2 48.6



#80

1,3,5-Trimethylbenzene

Concen: 56.431 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD072986.D

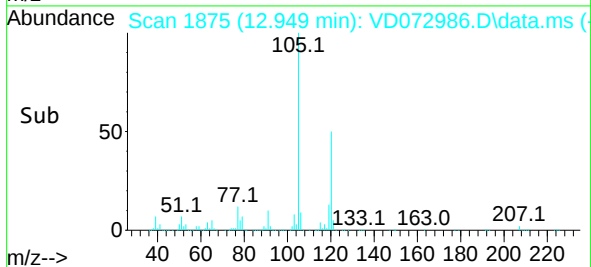
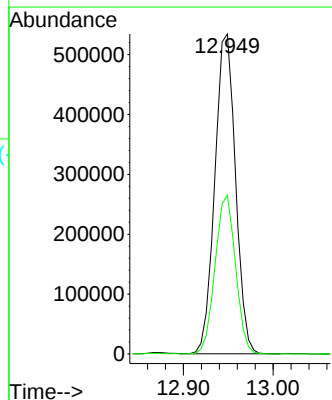
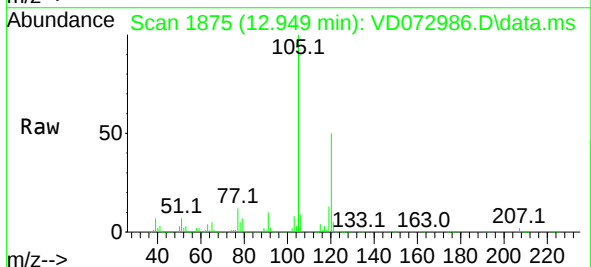
Acq: 13 May 2022 13:07

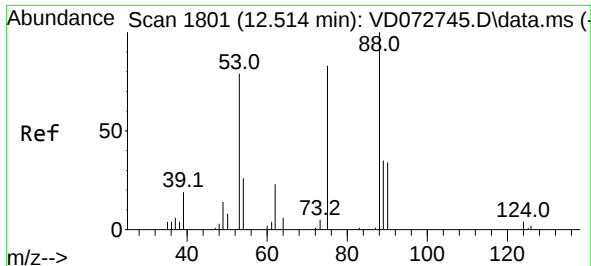
Tgt Ion:105 Resp: 854467

Ion Ratio Lower Upper

105 100

120 49.2 24.3 72.8

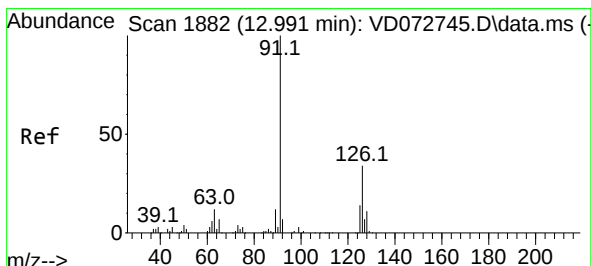
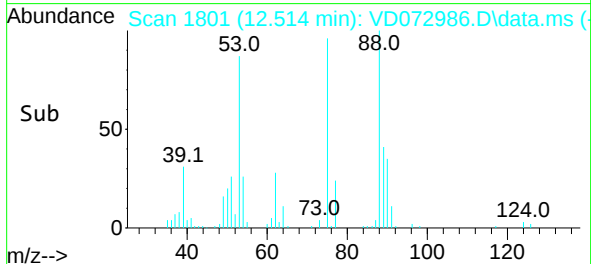
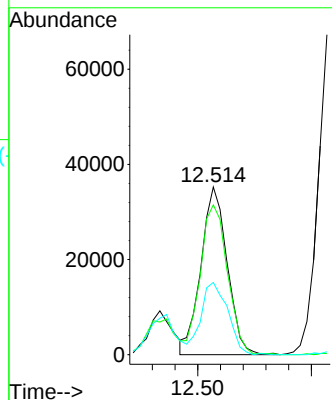
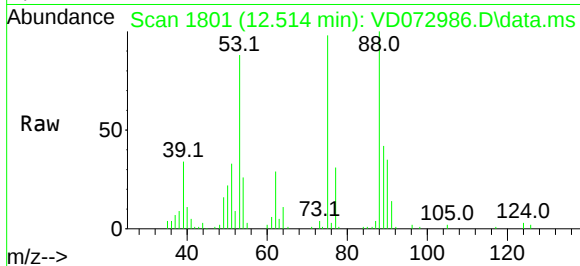




#81
trans-1,4-Dichloro-2-butene
Concen: 50.912 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

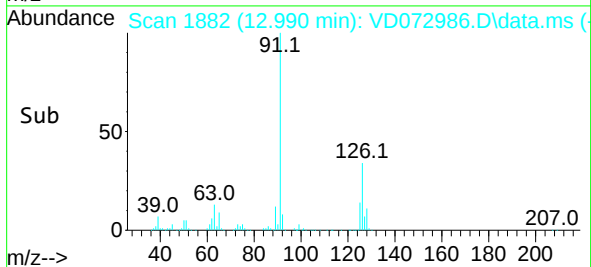
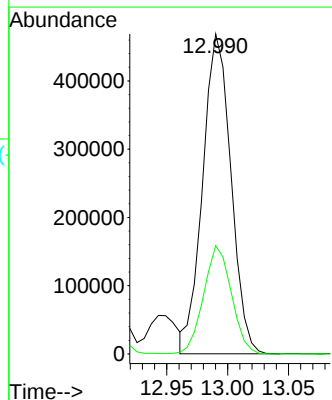
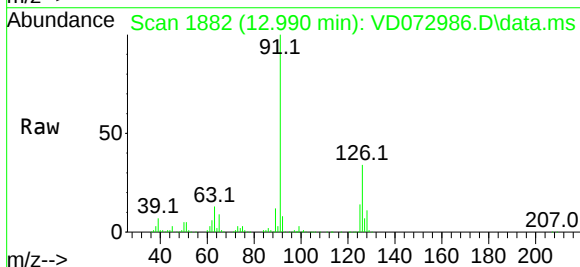
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

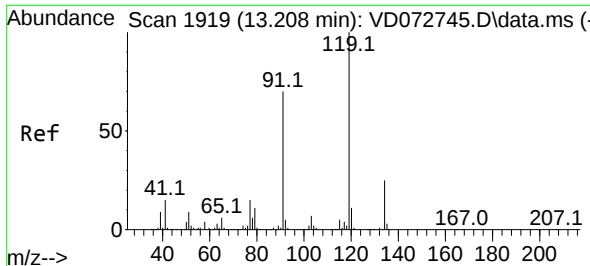
Tgt Ion: 75 Resp: 56662
Ion Ratio Lower Upper
75 100
53 93.7 86.5 129.7
89 44.0 33.9 50.9



#82
4-Chlorotoluene
Concen: 54.934 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 91 Resp: 754617
Ion Ratio Lower Upper
91 100
126 33.3 16.5 49.5

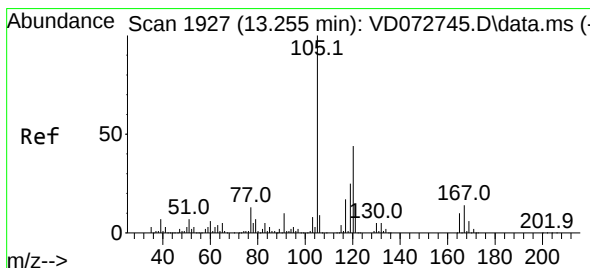
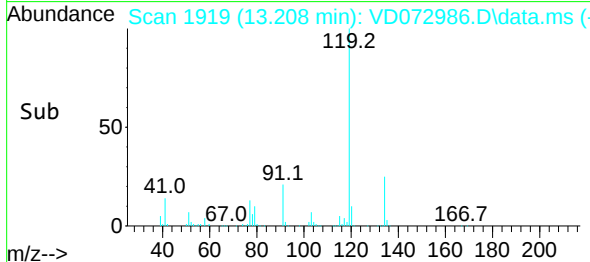
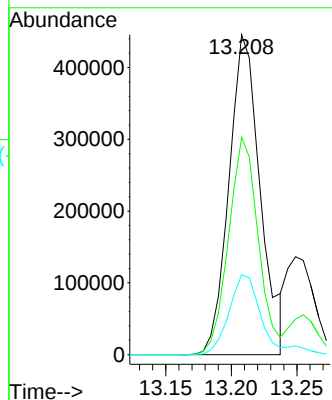
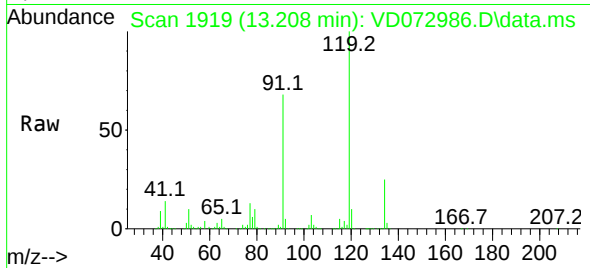




#83
tert-Butylbenzene
Concen: 57.470 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

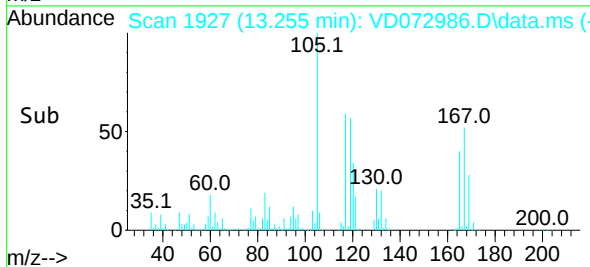
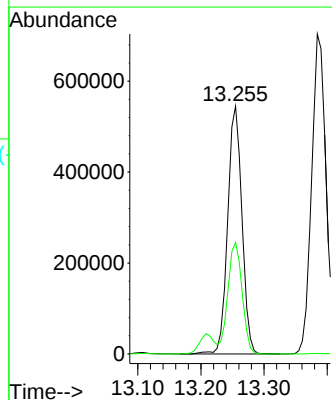
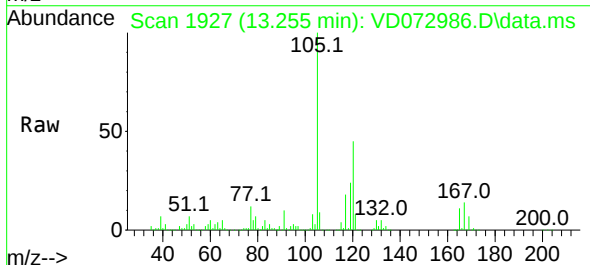
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

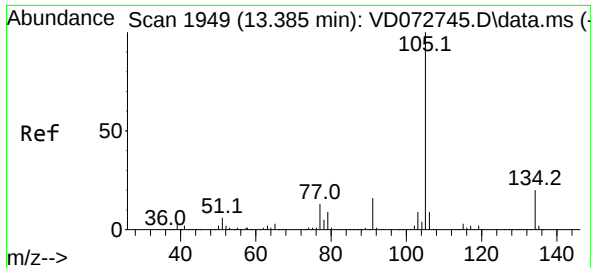
Tgt Ion:119 Resp: 739826
Ion Ratio Lower Upper
119 100
91 64.6 34.8 104.5
134 26.4 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 56.483 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:105 Resp: 854879
Ion Ratio Lower Upper
105 100
120 45.2 22.3 66.8

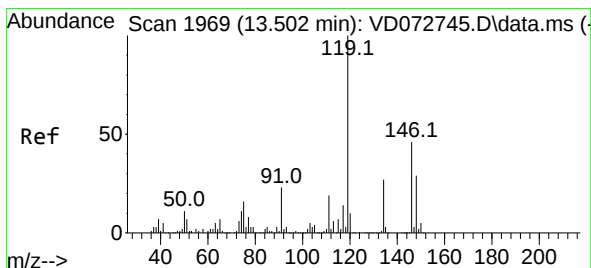
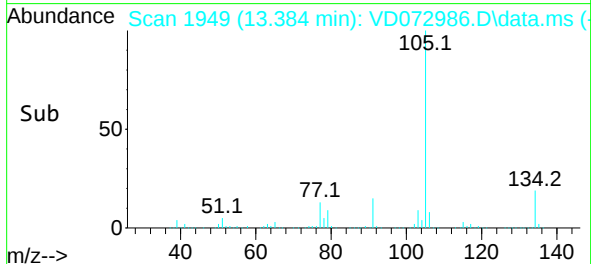
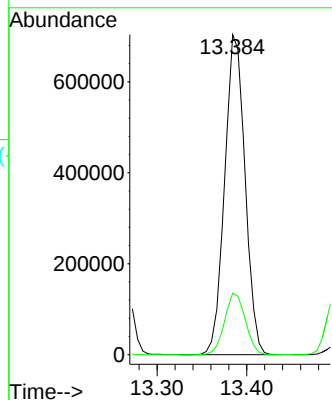
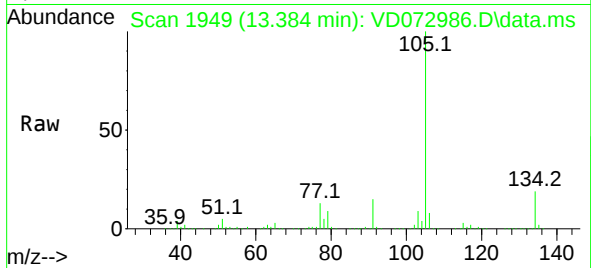




#85
 sec-Butylbenzene
 Concen: 57.237 ug/l
 RT: 13.384 min Scan# 1949
 Delta R.T. -0.001 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

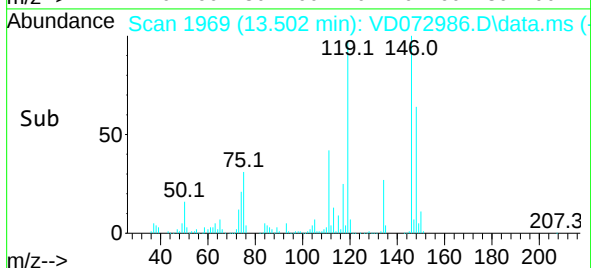
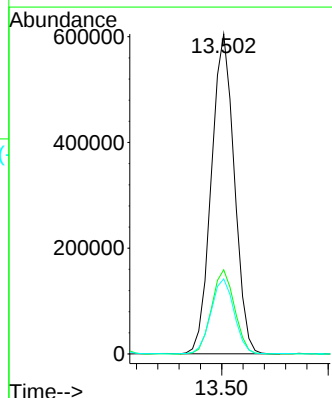
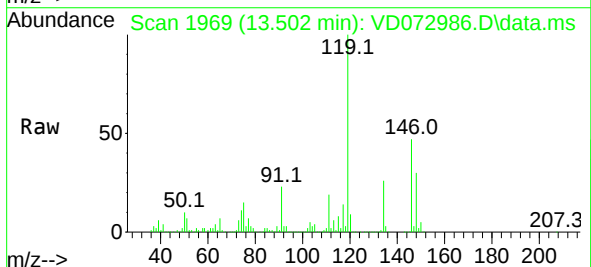
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

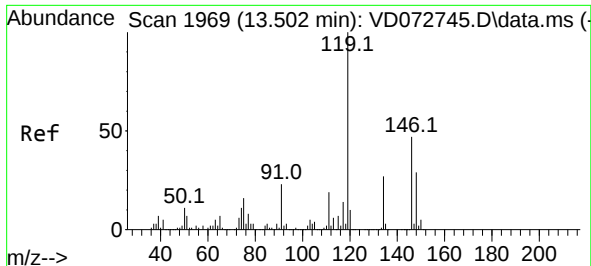
Tgt Ion:105 Resp: 1111314
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 56.778 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD072986.D
 Acq: 13 May 2022 13:07

Tgt Ion:119 Resp: 903838
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.7 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 54.264 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. -0.000 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

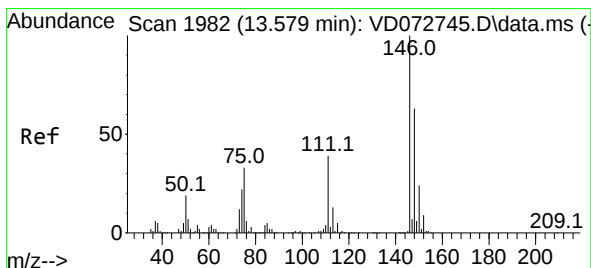
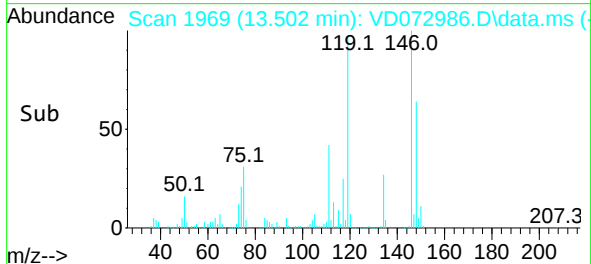
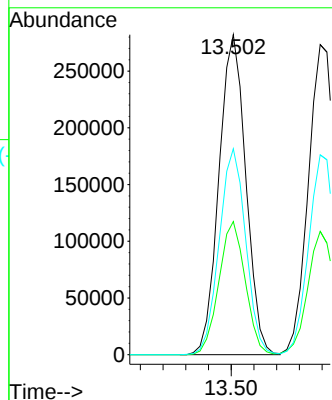
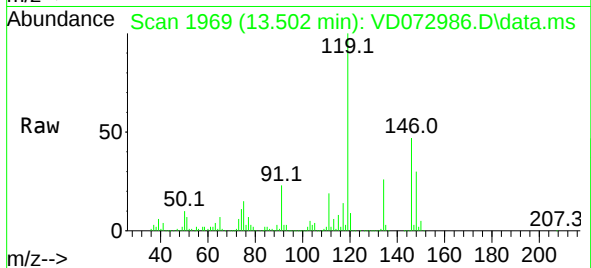
Tgt Ion:146 Resp: 463540

Ion Ratio Lower Upper

146 100

111 40.8 20.4 61.3

148 63.6 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 54.271 ug/l

RT: 13.578 min Scan# 1982

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

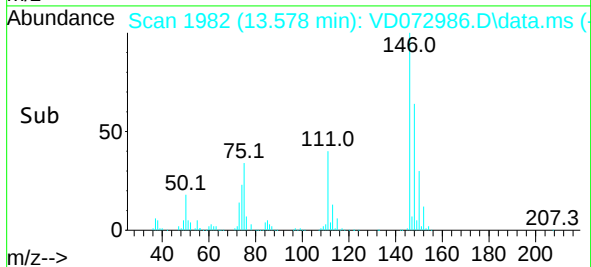
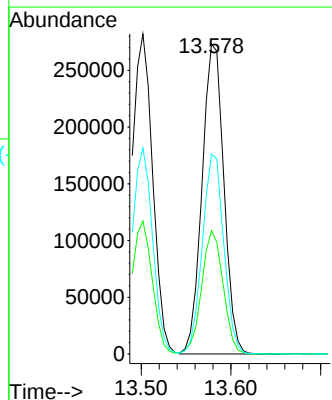
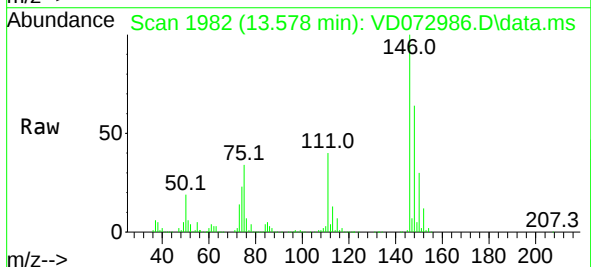
Tgt Ion:146 Resp: 461677

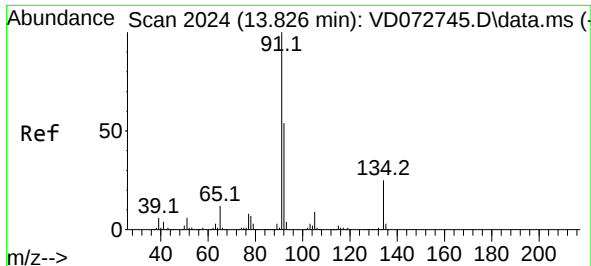
Ion Ratio Lower Upper

146 100

111 39.1 20.3 60.9

148 63.6 31.7 95.1

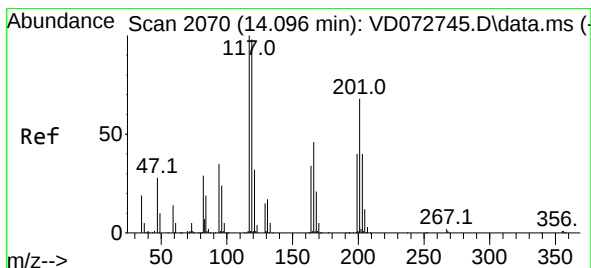
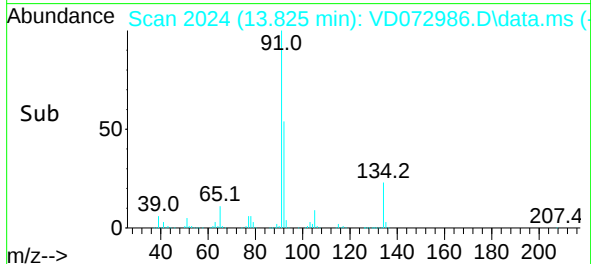
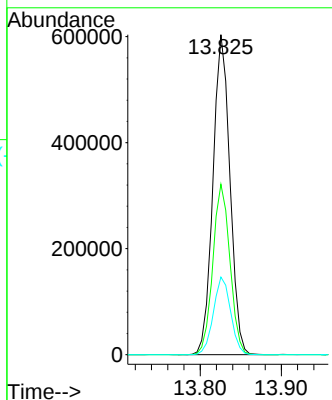
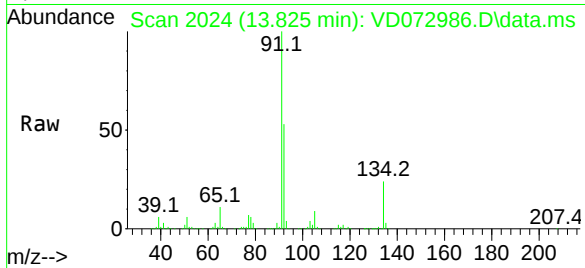




#89
n-Butylbenzene
Concen: 57.036 ug/l
RT: 13.825 min Scan# 20
Delta R.T. -0.001 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

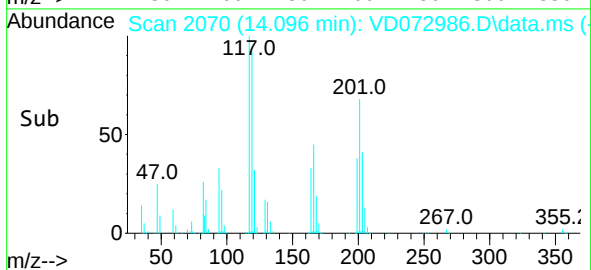
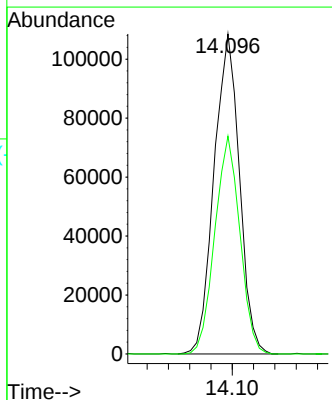
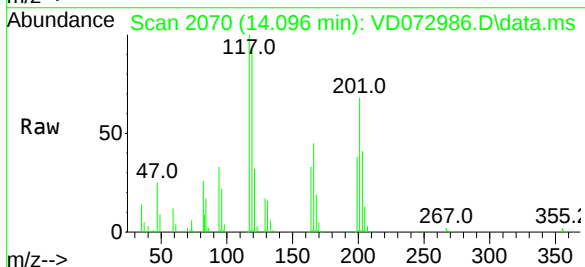
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

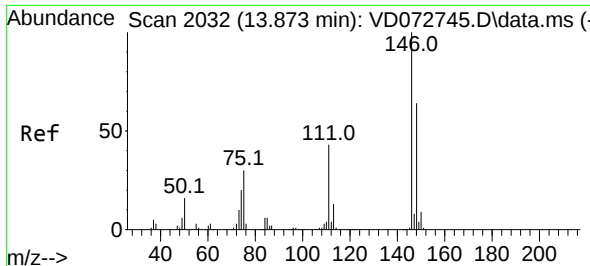
Tgt Ion: 91 Resp: 879548
Ion Ratio Lower Upper
91 100
92 53.5 26.6 79.8
134 24.6 12.3 36.9



#90
Hexachloroethane
Concen: 54.976 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion: 117 Resp: 179285
Ion Ratio Lower Upper
117 100
201 67.2 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 54.298 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

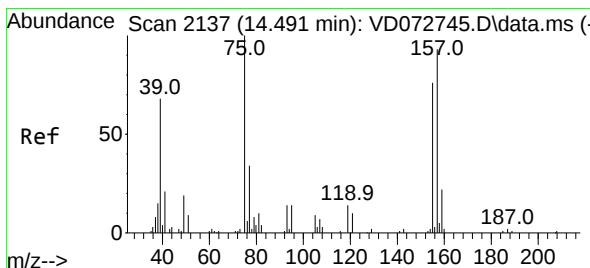
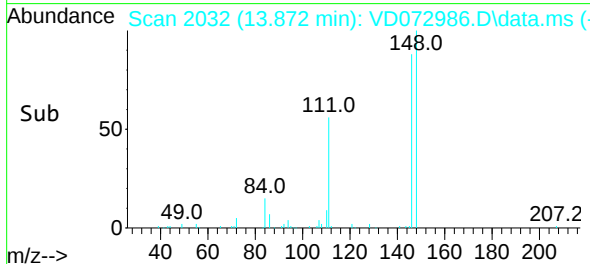
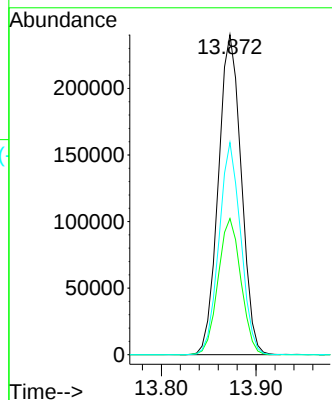
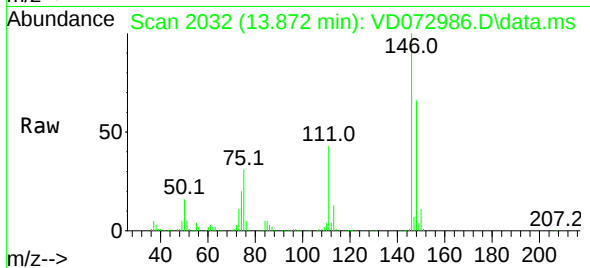
Tgt Ion:146 Resp: 404240

Ion Ratio Lower Upper

146 100

111 42.3 21.1 63.3

148 63.0 31.7 95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 49.818 ug/l

RT: 14.484 min Scan# 2136

Delta R.T. -0.007 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

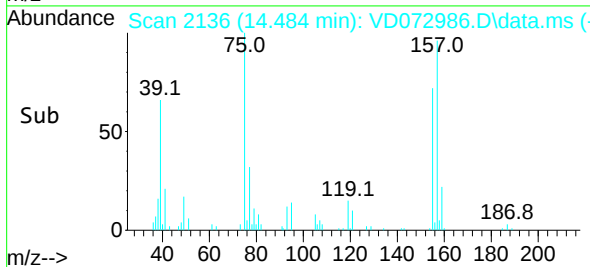
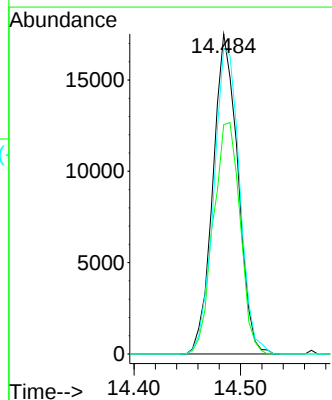
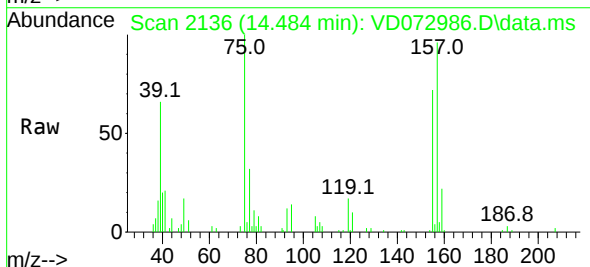
Tgt Ion: 75 Resp: 28467

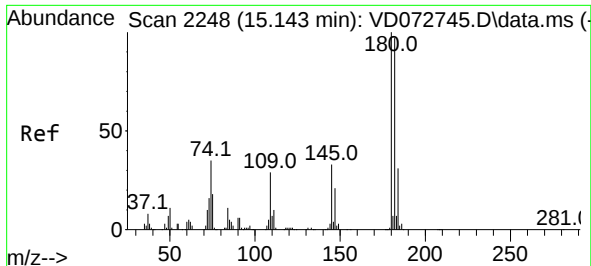
Ion Ratio Lower Upper

75 100

155 77.6 36.8 110.3

157 99.0 48.4 145.0

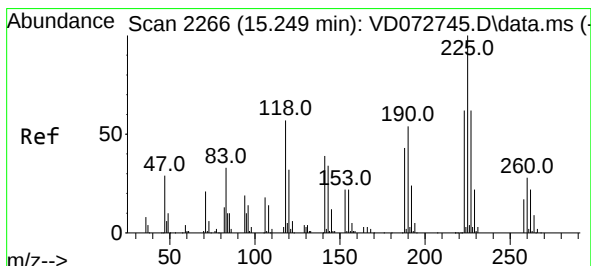
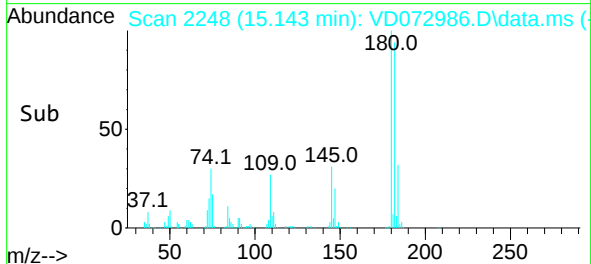
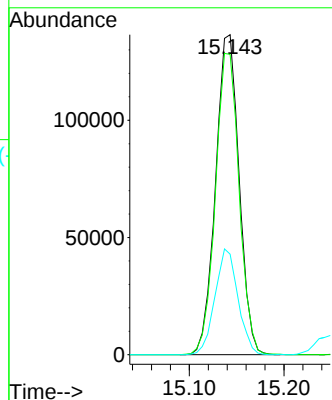
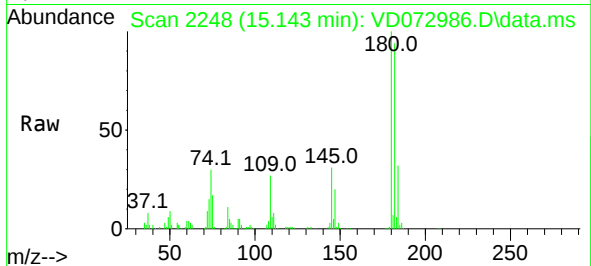




#93
1,2,4-Trichlorobenzene
Concen: 53.529 ug/l
RT: 15.143 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

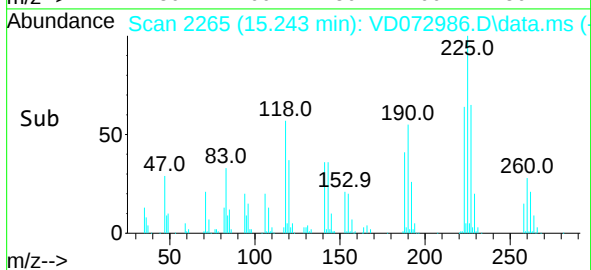
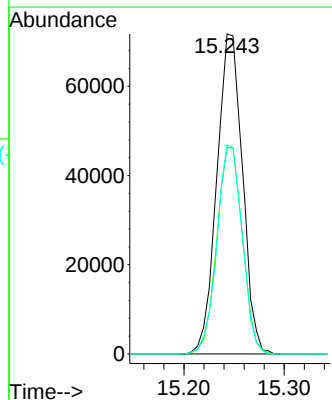
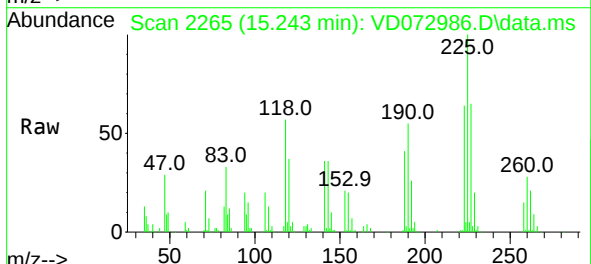
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

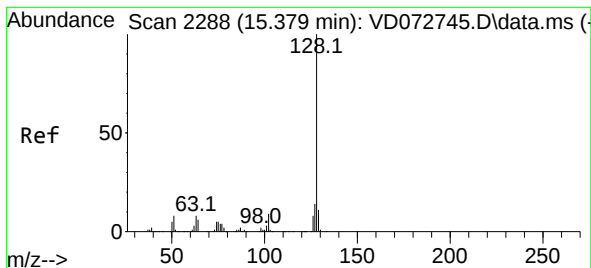
Tgt Ion:180 Resp: 236010
Ion Ratio Lower Upper
180 100
182 94.9 47.3 142.0
145 32.3 16.2 48.5



#94
Hexachlorobutadiene
Concen: 52.966 ug/l
RT: 15.243 min Scan# 2265
Delta R.T. -0.006 min
Lab File: VD072986.D
Acq: 13 May 2022 13:07

Tgt Ion:225 Resp: 127537
Ion Ratio Lower Upper
225 100
223 64.6 31.1 93.2
227 64.2 32.4 97.0





#95

Naphthalene

Concen: 53.669 ug/l

RT: 15.378 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

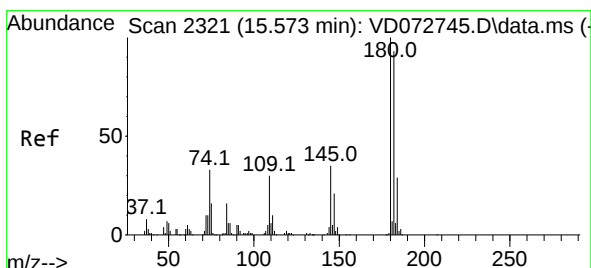
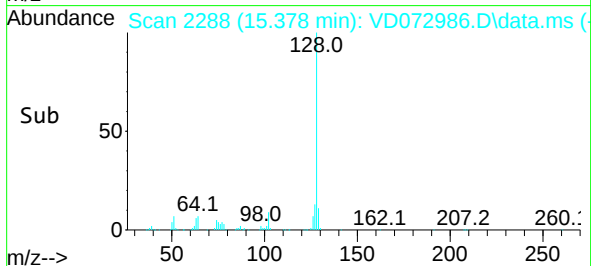
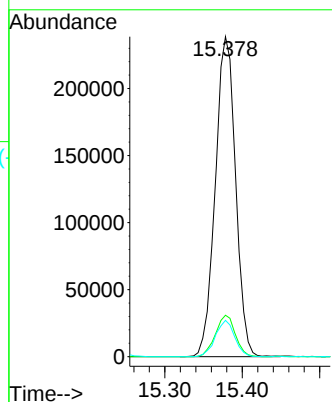
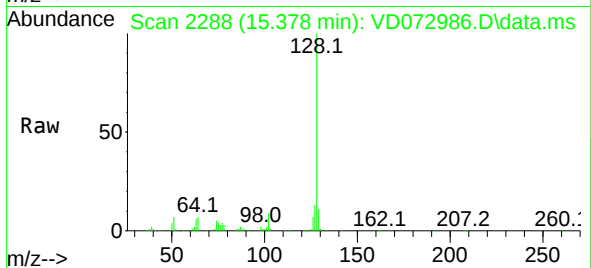
Tgt Ion:128 Resp: 435063

Ion Ratio Lower Upper

128 100

127 12.7 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 53.482 ug/l

RT: 15.572 min Scan# 2321

Delta R.T. -0.001 min

Lab File: VD072986.D

Acq: 13 May 2022 13:07

Tgt Ion:180 Resp: 209031

Ion Ratio Lower Upper

180 100

182 94.8 47.6 142.9

145 34.6 17.1 51.3

