

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052022\
 Data File : VD073188.D
 Acq On : 20 May 2022 17:00
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: May 21 00:14:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 15:13:42 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	352044	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	583789	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	555498	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268563	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	200357	51.498	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.000%	
35) Dibromofluoromethane	7.909	113	208414	54.102	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.200%	
50) Toluene-d8	10.332	98	799899	56.330	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.660%	
62) 4-Bromofluorobenzene	12.620	95	278529	55.891	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.780%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	152594	43.378	ug/l	100
3) Chloromethane	2.209	50	169137	42.521	ug/l	94
4) Vinyl Chloride	2.350	62	159669	43.898	ug/l	100
5) Bromomethane	2.762	94	114534	49.041	ug/l	99
6) Chloroethane	2.915	64	101442	45.368	ug/l	99
7) Trichlorofluoromethane	3.268	101	307781	47.855	ug/l	99
8) Diethyl Ether	3.709	74	81854	46.316	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.091	101	185643	48.377	ug/l	97
10) Methyl Iodide	4.297	142	183727	44.376	ug/l	99
11) Tert butyl alcohol	5.226	59	63412	105.052	ug/l #	93
12) 1,1-Dichloroethene	4.068	96	171234	48.399	ug/l	92
13) Acrolein	3.921	56	96448	416.418	ug/l	98
14) Allyl chloride	4.709	41	258688	45.298	ug/l	91
15) Acrylonitrile	5.409	53	201288	249.077	ug/l	97
16) Acetone	4.150	43	174352	258.725	ug/l	93
17) Carbon Disulfide	4.409	76	512521	43.699	ug/l	100
18) Methyl Acetate	4.709	43	88340	47.143	ug/l	91
19) Methyl tert-butyl Ether	5.479	73	395379	49.055	ug/l	99
20) Methylene Chloride	4.956	84	225238	52.928	ug/l	91
21) trans-1,2-Dichloroethene	5.473	96	203197	47.502	ug/l	89
22) Diisopropyl ether	6.356	45	599212	50.053	ug/l	95
23) Vinyl Acetate	6.297	43	1600749	250.679	ug/l	95
24) 1,1-Dichloroethane	6.262	63	360273	46.884	ug/l	99
25) 2-Butanone	7.203	43	245854	249.364	ug/l	93
26) 2,2-Dichloropropane	7.197	77	305840	46.670	ug/l	95
27) cis-1,2-Dichloroethene	7.203	96	225970	47.741	ug/l	93
28) Bromochloromethane	7.538	49	130400	49.257	ug/l #	83
29) Tetrahydrofuran	7.556	42	158885	249.225	ug/l	92
30) Chloroform	7.703	83	390927	48.730	ug/l	96
31) Cyclohexane	7.985	56	312212	45.921	ug/l	91
32) 1,1,1-Trichloroethane	7.897	97	338843	48.292	ug/l	97
36) 1,1-Dichloropropene	8.109	75	285552	49.287	ug/l	96
37) Ethyl Acetate	7.285	43	115787	50.596	ug/l #	96
38) Carbon Tetrachloride	8.091	117	296858	50.547	ug/l	99
39) Methylcyclohexane	9.350	83	330077	51.121	ug/l	98
40) Benzene	8.344	78	819561	49.083	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	66647	49.985	ug/l	90
42) 1,2-Dichloroethane	8.414	62	227343	48.933	ug/l	96
43) Isopropyl Acetate	8.444	43	209393	49.503	ug/l #	92
44) Trichloroethene	9.103	130	220661	49.557	ug/l	94
45) 1,2-Dichloropropane	9.379	63	210030	49.947	ug/l	99
46) Dibromomethane	9.461	93	113118	48.980	ug/l	97
47) Bromodichloromethane	9.656	83	302045	51.113	ug/l	98
48) Methyl methacrylate	9.450	41	114652	53.875	ug/l	93
49) 1,4-Dioxane	9.456	88	26204	1098.690	ug/l	91
51) 4-Methyl-2-Pentanone	10.220	43	577736	262.973	ug/l	94
52) Toluene	10.397	92	538168	51.004	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	268208	50.240	ug/l	96
54) cis-1,3-Dichloropropene	10.079	75	316325	49.514	ug/l	91
55) 1,1,2-Trichloroethane	10.791	97	160064	51.252	ug/l	97
56) Ethyl methacrylate	10.656	69	186436	53.692	ug/l #	85
57) 1,3-Dichloropropane	10.938	76	267179	50.986	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	437236	263.736	ug/l	97
59) 2-Hexanone	10.973	43	405971	280.287	ug/l	94
60) Dibromochloromethane	11.132	129	201138	51.651	ug/l	97
61) 1,2-Dibromoethane	11.238	107	148885	49.890	ug/l	98
64) Tetrachloroethene	10.867	164	179857	49.433	ug/l	98
65) Chlorobenzene	11.661	112	572541	50.241	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	214257	50.695	ug/l	99
67) Ethyl Benzene	11.732	91	1034072	51.690	ug/l	100
68) m/p-Xylenes	11.844	106	812290	104.511	ug/l	98
69) o-Xylene	12.167	106	374610	52.466	ug/l	94
70) Styrene	12.185	104	645201	52.523	ug/l	98
71) Bromoform	12.350	173	112388	51.668	ug/l #	100
73) Isopropylbenzene	12.467	105	1004550	52.469	ug/l	100
74) N-amyl acetate	12.279	43	211534	50.647	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.720	83	176019	49.849	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	227079	86.176	ug/l #	100
77) Bromobenzene	12.750	156	227928	50.573	ug/l	93
78) n-propylbenzene	12.808	91	1262068	52.508	ug/l	99
79) 2-Chlorotoluene	12.897	91	707942	51.012	ug/l	98
80) 1,3,5-Trimethylbenzene	12.950	105	851391	52.496	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	56624	51.588	ug/l	87
82) 4-Chlorotoluene	12.991	91	741258	50.958	ug/l	99
83) tert-Butylbenzene	13.208	119	707256	51.743	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	845010	52.740	ug/l	99
85) sec-Butylbenzene	13.391	105	1092424	52.342	ug/l	100
86) p-Isopropyltoluene	13.502	119	903016	53.077	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	458335	50.453	ug/l	100
88) 1,4-Dichlorobenzene	13.579	146	454140	49.524	ug/l	99
89) n-Butylbenzene	13.826	91	874128	53.924	ug/l	99
90) Hexachloroethane	14.097	117	177456	50.409	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	396177	50.404	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.491	75	27530	50.911	ug/l	92
93) 1,2,4-Trichlorobenzene	15.144	180	234384	52.525	ug/l	99
94) Hexachlorobutadiene	15.249	225	128704	51.183	ug/l	98
95) Naphthalene	15.379	128	416922	47.621	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	203504	51.442	ug/l	100

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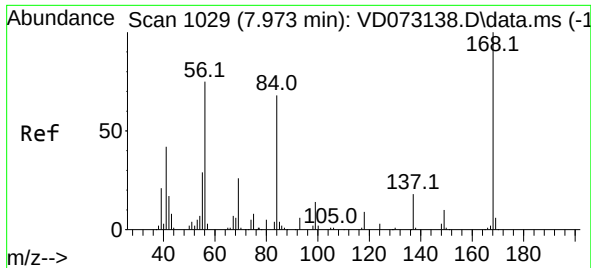
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QLast Update : Thu May 19 15:13:42 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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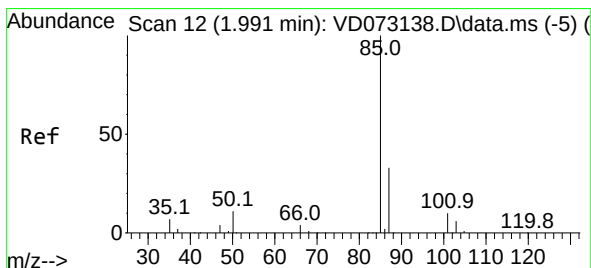
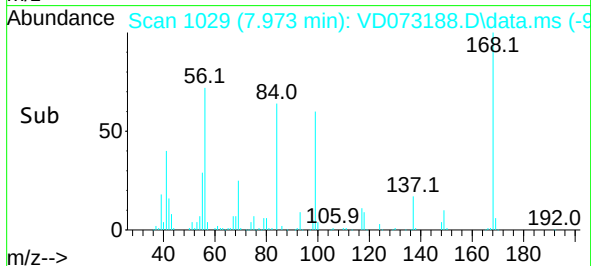
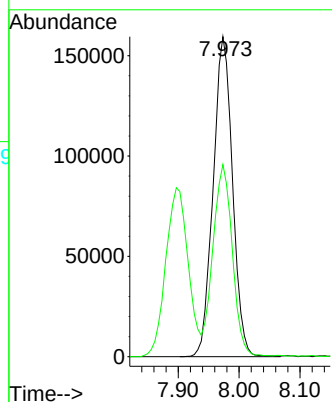
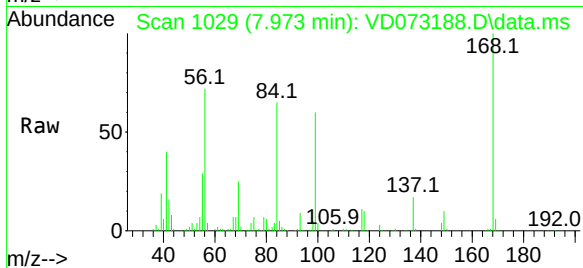




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

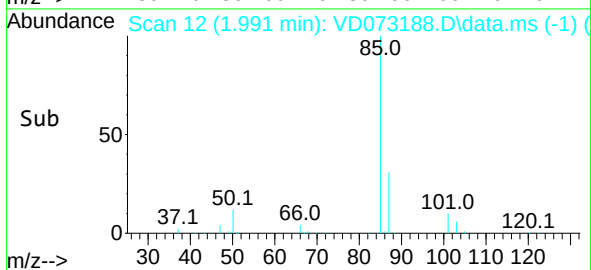
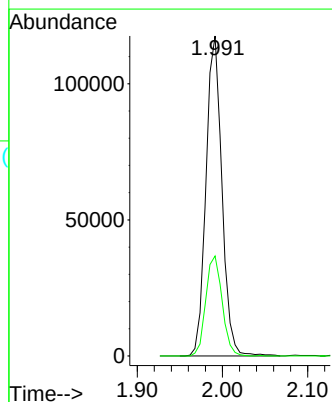
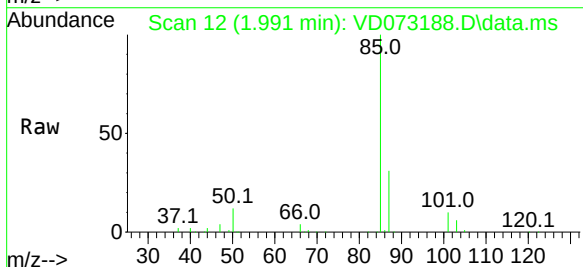
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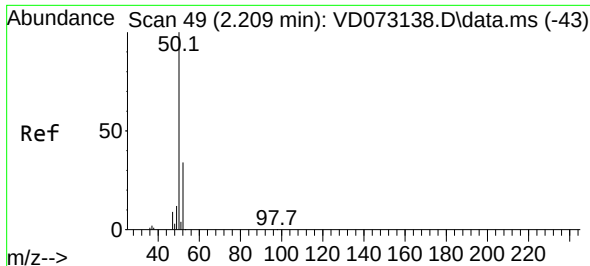
Tgt Ion:168 Resp: 352044
Ion Ratio Lower Upper
168 100
99 59.6 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 43.378 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 85 Resp: 152594
Ion Ratio Lower Upper
85 100
87 31.2 15.7 47.0

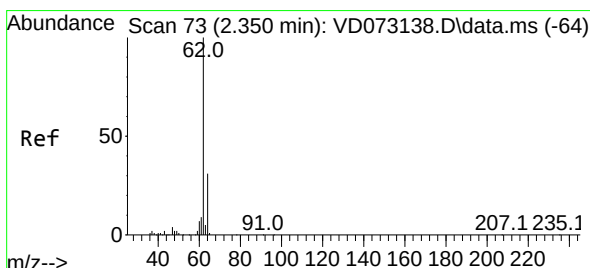
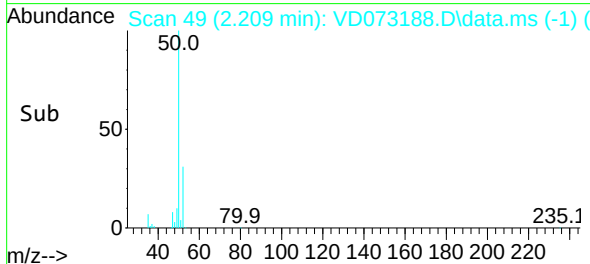
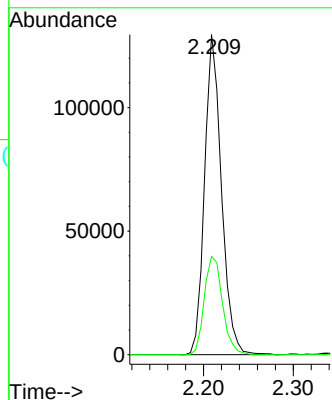
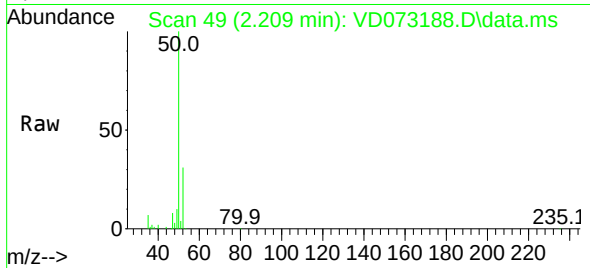




#3
Chloromethane
Concen: 42.521 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

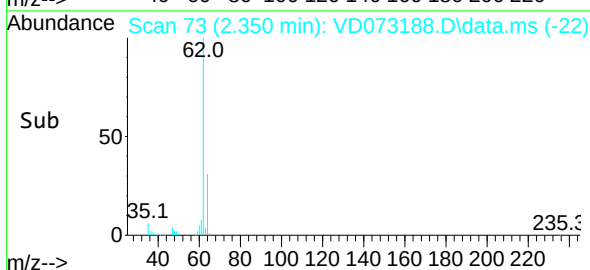
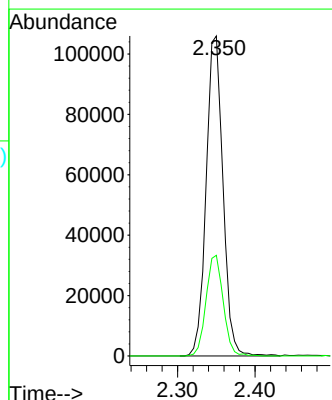
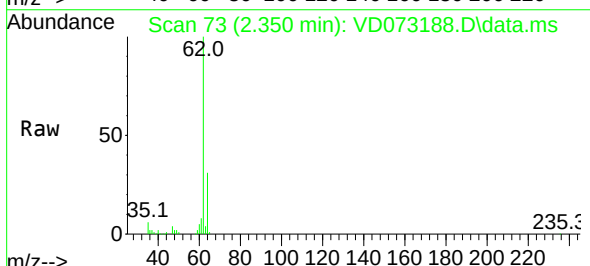
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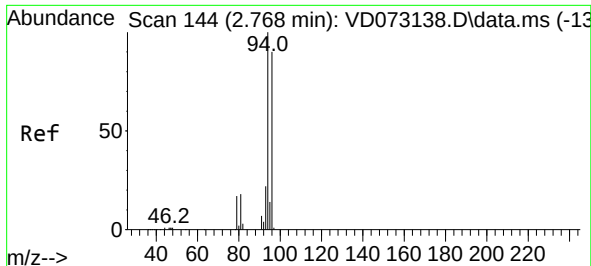
Tgt Ion: 50 Resp: 169137
Ion Ratio Lower Upper
50 100
52 30.7 27.4 41.0



#4
Vinyl Chloride
Concen: 43.898 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 62 Resp: 159669
Ion Ratio Lower Upper
62 100
64 31.4 25.4 38.0

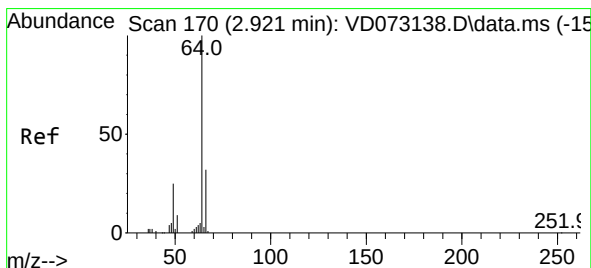
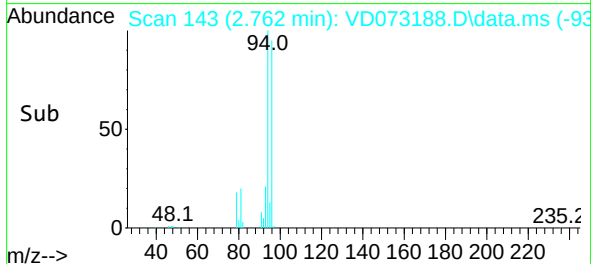
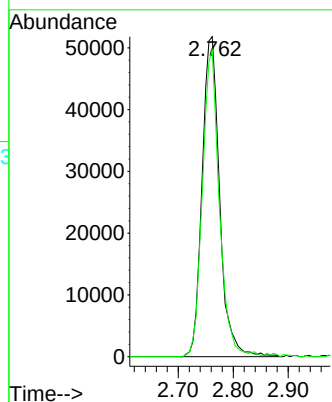
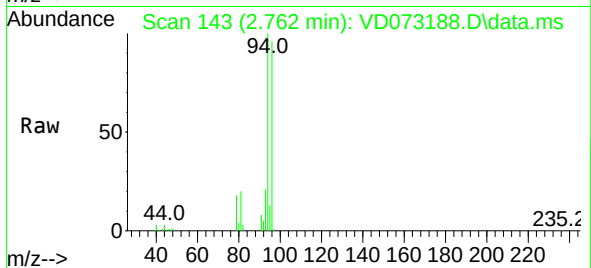




#5
Bromomethane
Concen: 49.041 ug/l
RT: 2.762 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

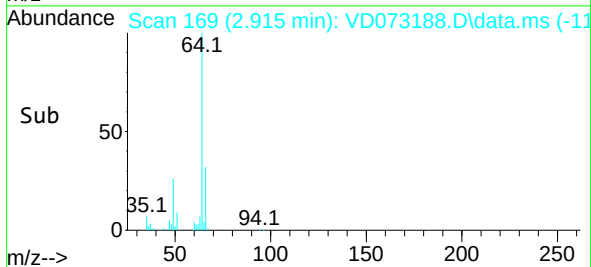
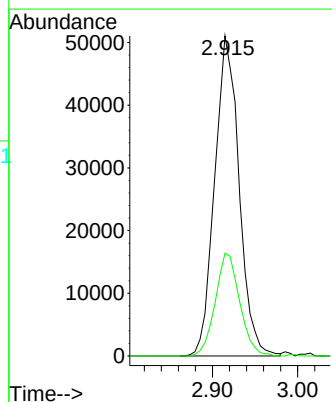
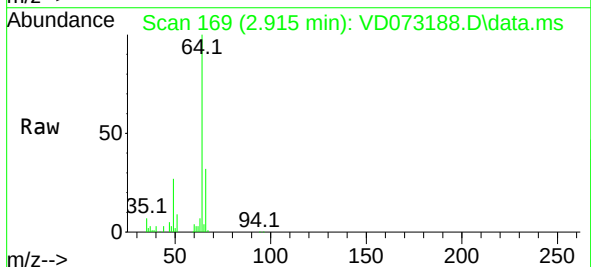
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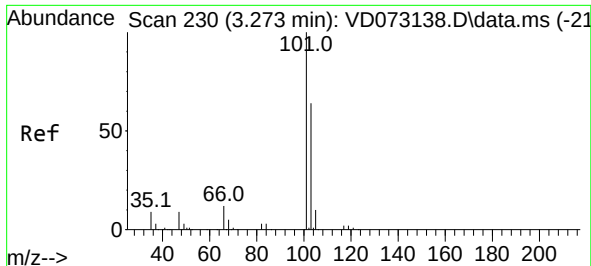
Tgt Ion: 94 Resp: 114534
Ion Ratio Lower Upper
94 100
96 95.7 77.6 116.4



#6
Chloroethane
Concen: 45.368 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 64 Resp: 101442
Ion Ratio Lower Upper
64 100
66 32.1 25.9 38.9

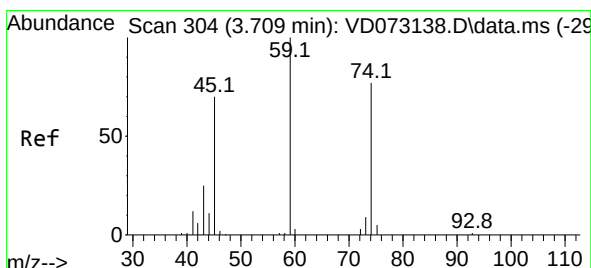
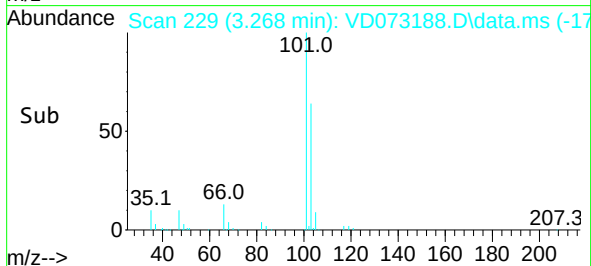
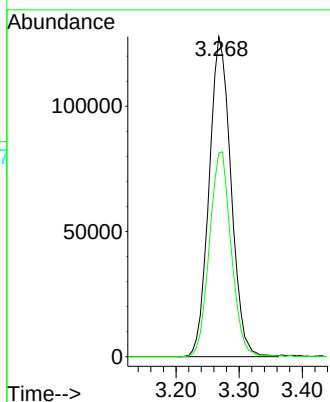
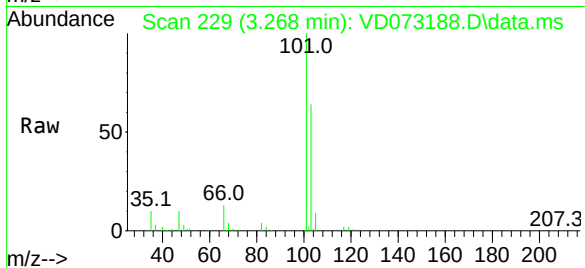




#7
 Trichlorofluoromethane
 Concen: 47.855 ug/l
 RT: 3.268 min Scan# 21
 Delta R.T. -0.005 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

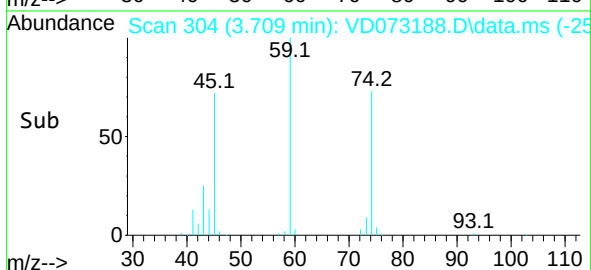
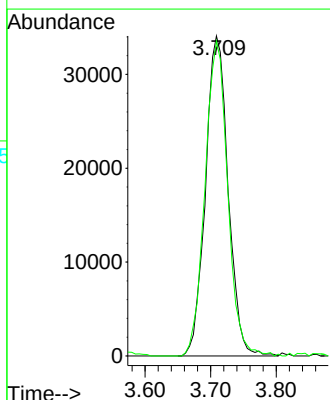
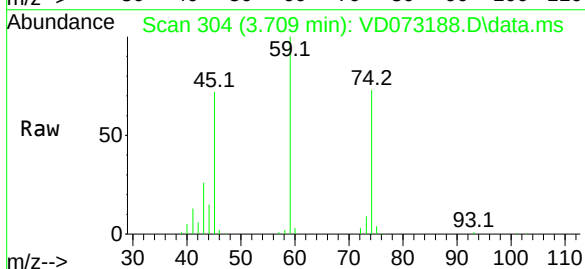
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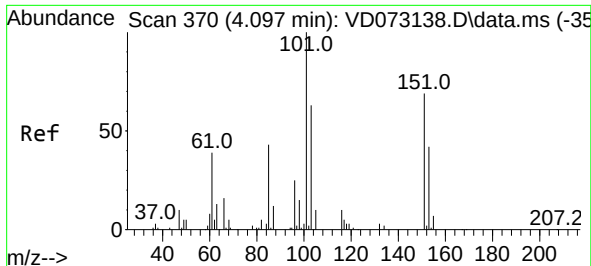
Tgt Ion:101 Resp: 307781
 Ion Ratio Lower Upper
 101 100
 103 63.7 50.1 75.1



#8
 Diethyl Ether
 Concen: 46.316 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion: 74 Resp: 81854
 Ion Ratio Lower Upper
 74 100
 45 98.6 52.6 157.8

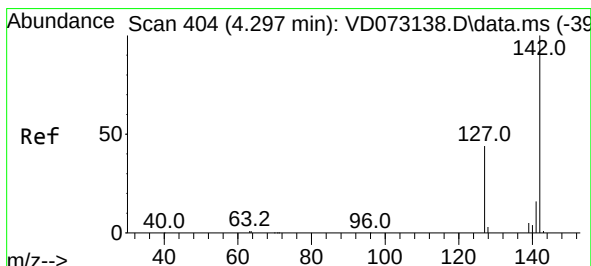
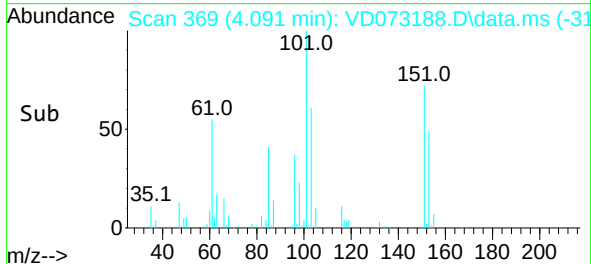
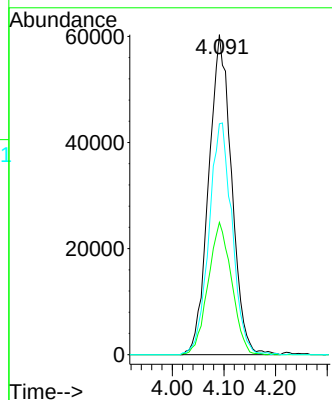
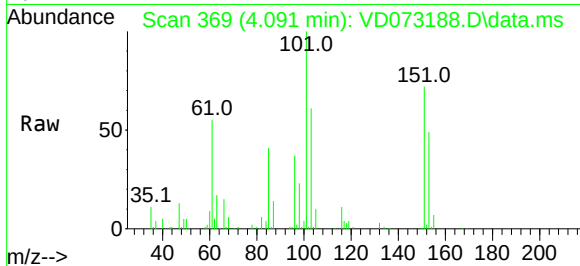




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.377 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.006 min
 Lab File: VD073188.D
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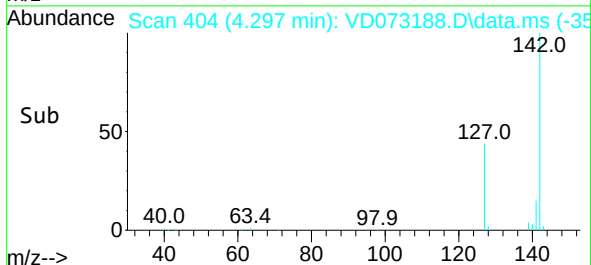
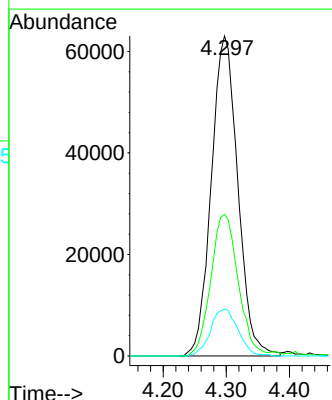
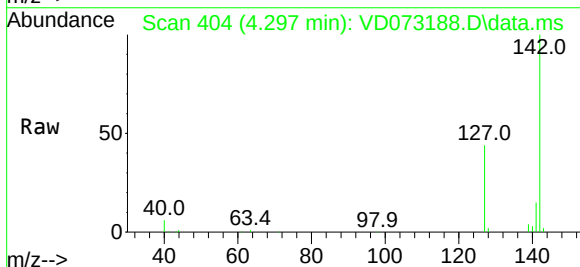
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

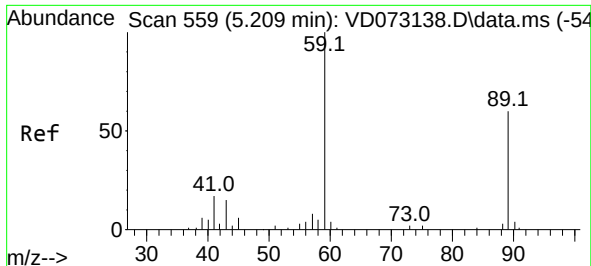
Tgt Ion:101 Resp: 185643
 Ion Ratio Lower Upper
 101 100
 85 42.4 36.4 54.6
 151 73.0 57.3 85.9



#10
 Methyl Iodide
 Concen: 44.376 ug/l
 RT: 4.297 min Scan# 404
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion:142 Resp: 183727
 Ion Ratio Lower Upper
 142 100
 127 45.6 37.3 55.9
 141 15.3 11.7 17.5

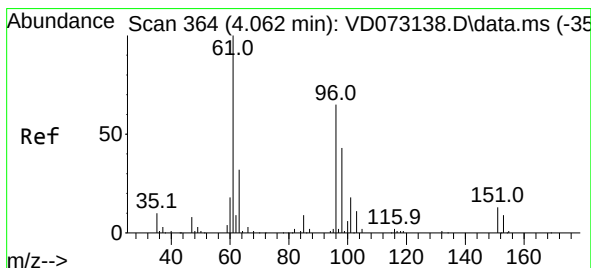
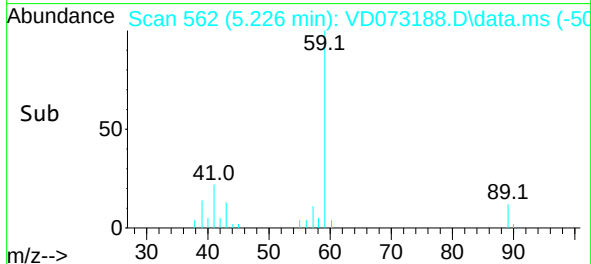
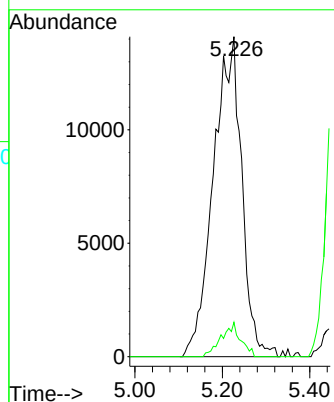
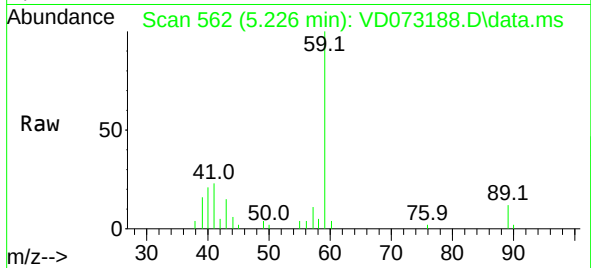




#11
Tert butyl alcohol
Concen: 105.052 ug/l
RT: 5.226 min Scan# 50
Delta R.T. 0.017 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

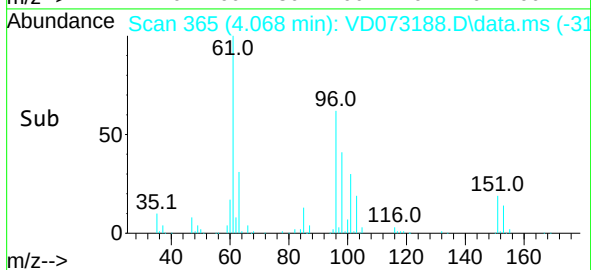
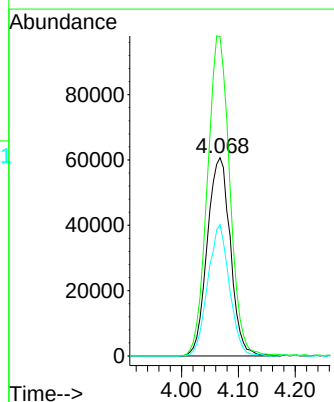
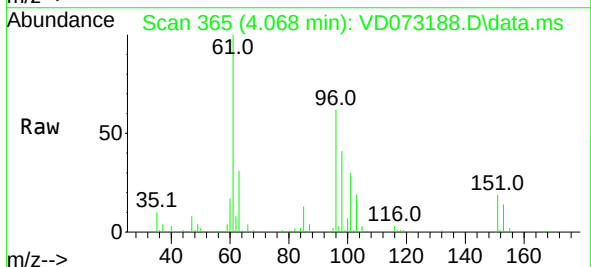
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

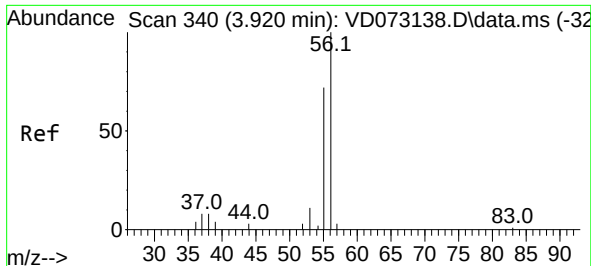
Tgt Ion: 59 Resp: 63412
Ion Ratio Lower Upper
59 100
57 7.2 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.399 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 96 Resp: 171234
Ion Ratio Lower Upper
96 100
61 161.1 138.5 207.7
98 66.3 48.6 73.0

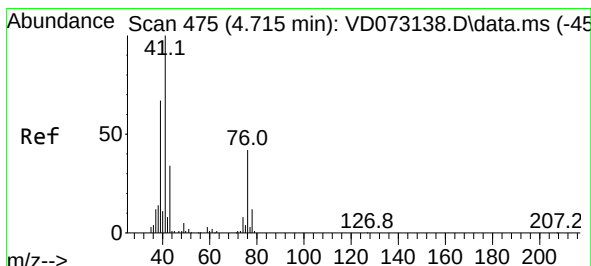
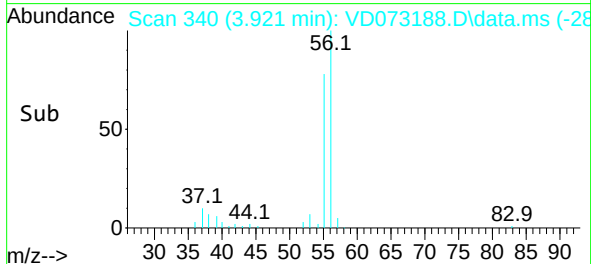
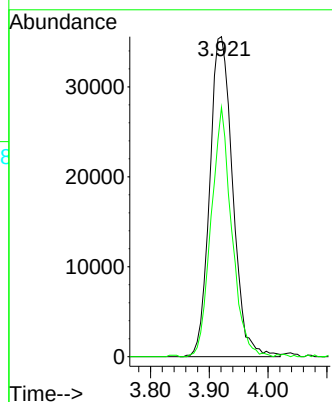
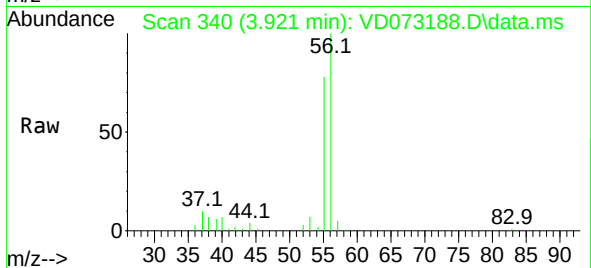




#13
Acrolein
Concen: 416.418 ug/l
RT: 3.921 min Scan# 34
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

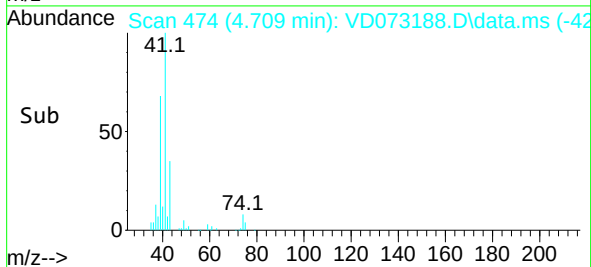
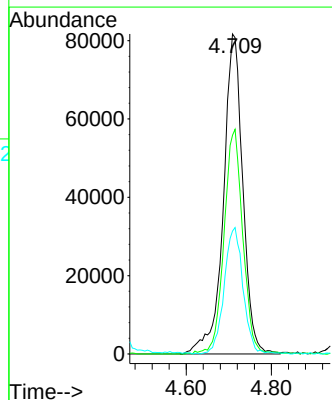
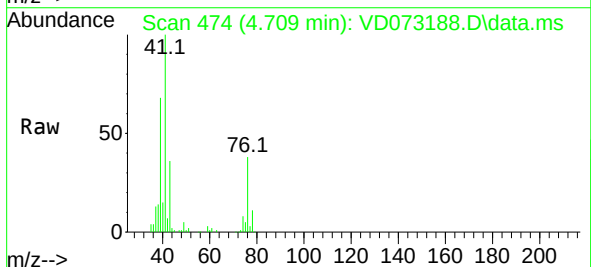
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

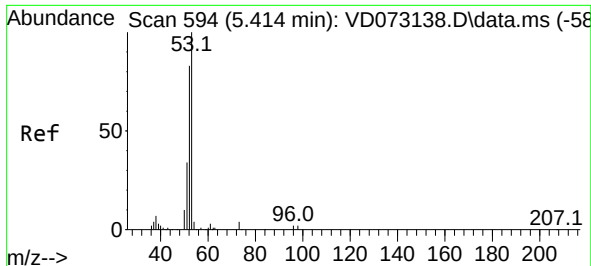
Tgt Ion: 56 Resp: 96448
Ion Ratio Lower Upper
56 100
55 69.8 57.1 85.7



#14
Allyl chloride
Concen: 45.298 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 41 Resp: 258688
Ion Ratio Lower Upper
41 100
39 67.5 59.3 88.9
76 38.5 25.7 38.5

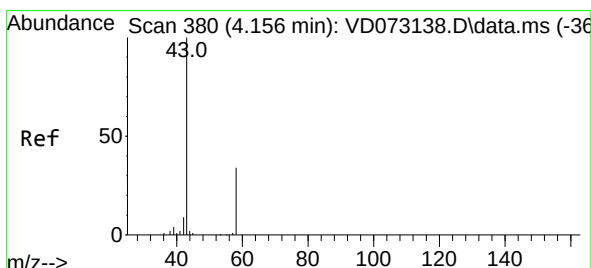
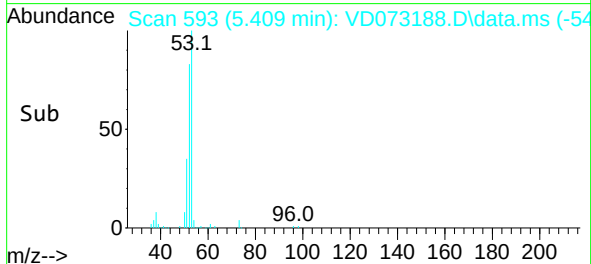
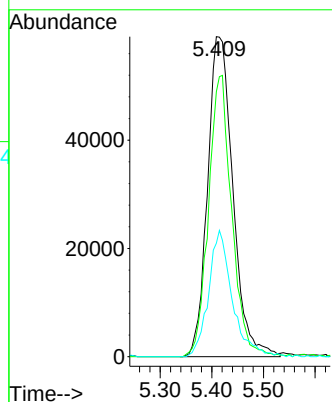
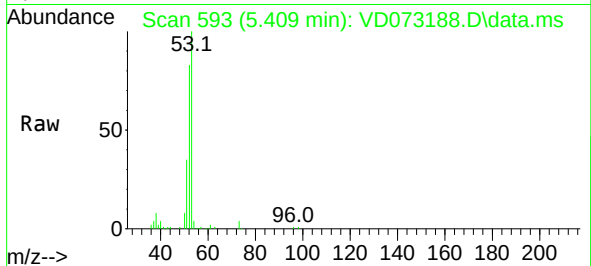




#15
Acrylonitrile
Concen: 249.077 ug/l
RT: 5.409 min Scan# 51
Delta R.T. -0.005 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

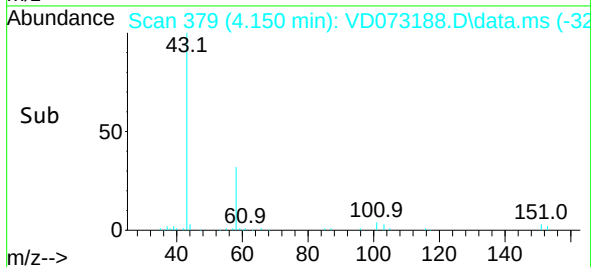
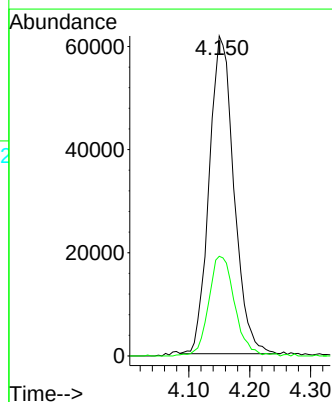
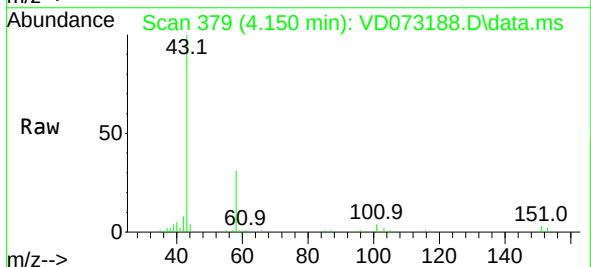
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

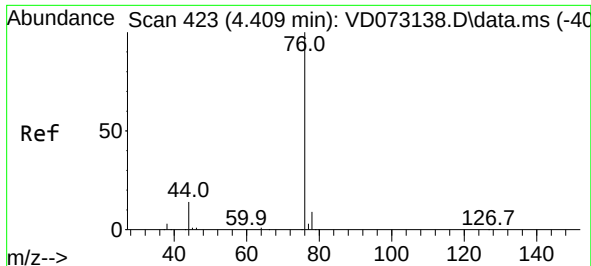
Tgt Ion: 53	Resp: 201288
Ion Ratio	Lower Upper
53 100	
52 80.7	67.2 100.8
51 36.9	30.3 45.5



#16
Acetone
Concen: 258.725 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 43	Resp: 174352
Ion Ratio	Lower Upper
43 100	
58 31.4	22.1 33.1

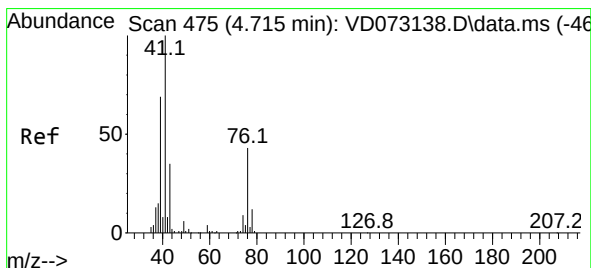
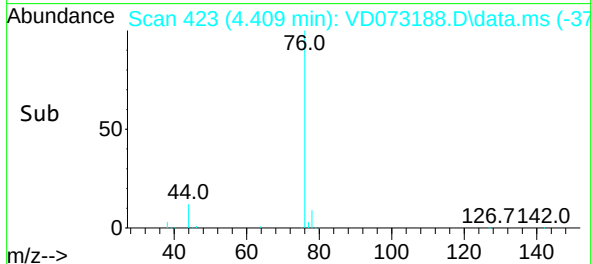
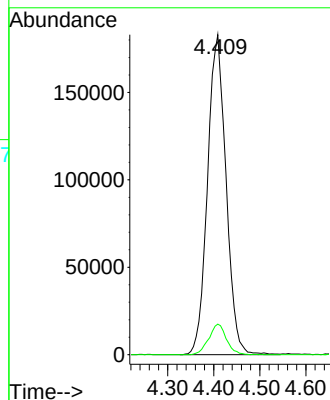
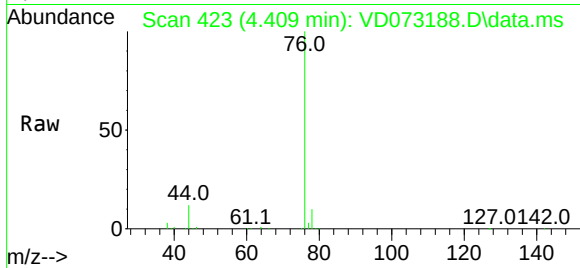




#17
Carbon Disulfide
Concen: 43.699 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

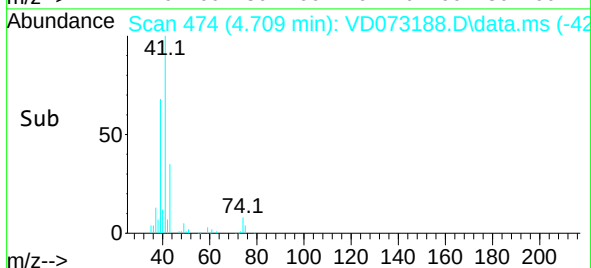
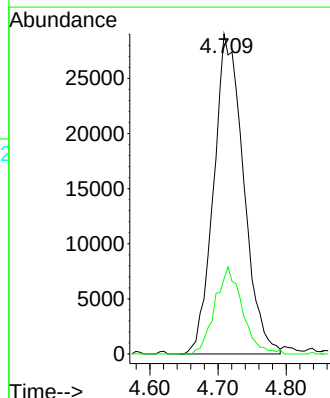
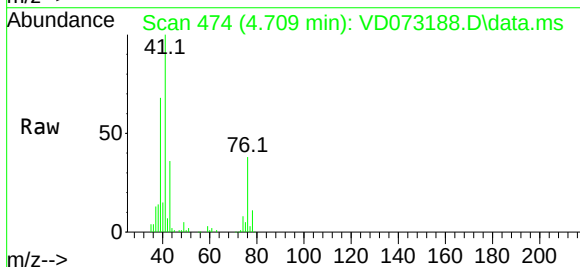
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

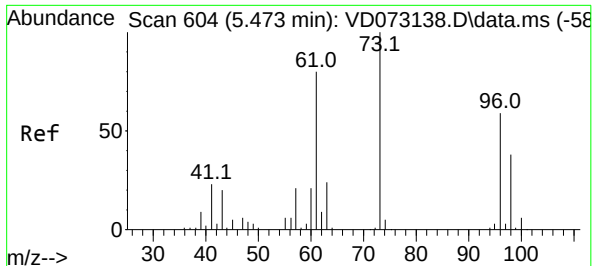
Tgt Ion: 76 Resp: 512521
Ion Ratio Lower Upper
76 100
78 9.6 7.5 11.3



#18
Methyl Acetate
Concen: 47.143 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 43 Resp: 88340
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1





#19

Methyl tert-butyl Ether

Concen: 49.055 ug/l

RT: 5.479 min Scan# 604

Delta R.T. 0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

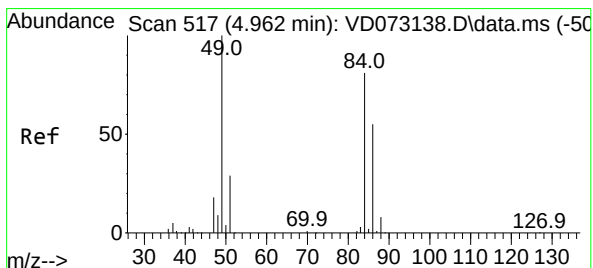
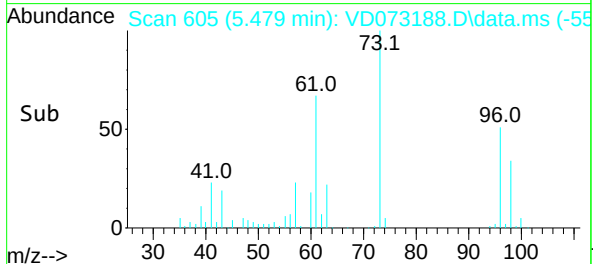
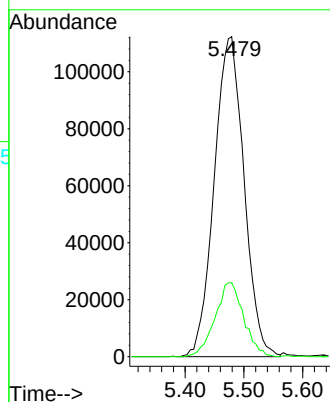
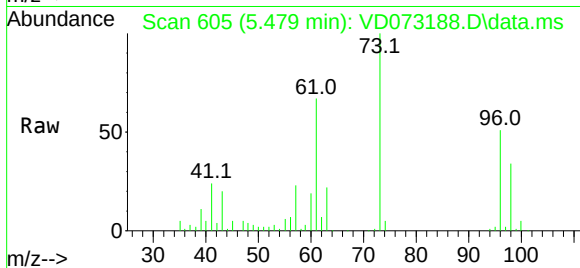
VSTDCCC050

Tgt Ion: 73 Resp: 395379

Ion Ratio Lower Upper

73 100

57 23.1 18.0 27.0



#20

Methylene Chloride

Concen: 52.928 ug/l

RT: 4.956 min Scan# 516

Delta R.T. -0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Tgt Ion: 84 Resp: 225238

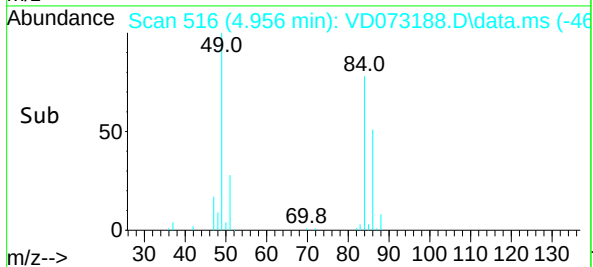
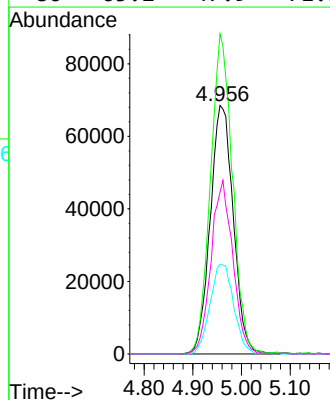
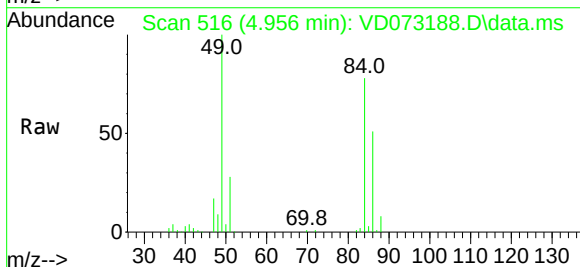
Ion Ratio Lower Upper

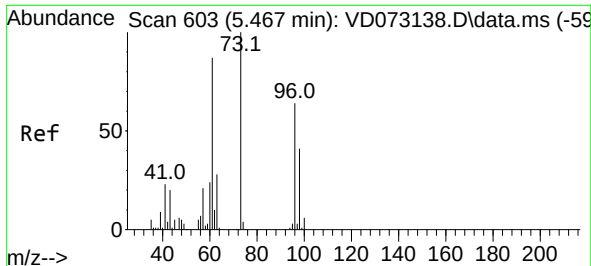
84 100

49 128.8 112.8 169.2

51 36.1 32.6 48.8

86 65.2 47.9 71.9

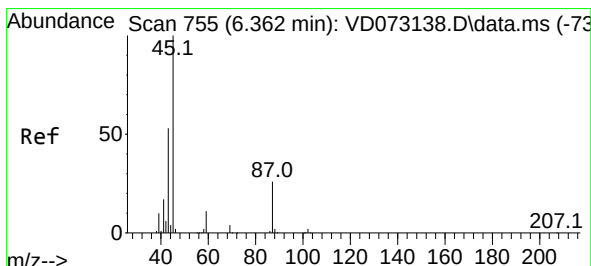
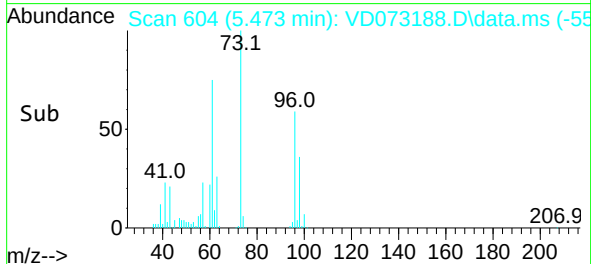
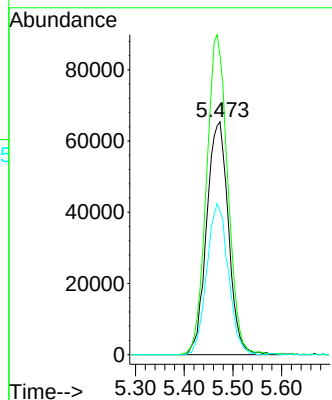
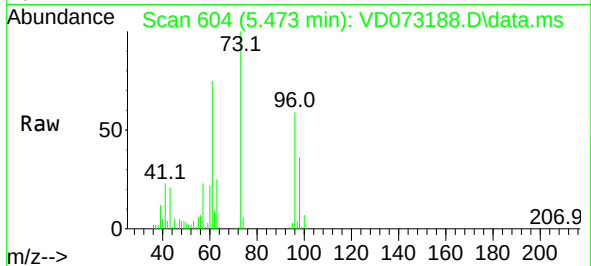




#21
trans-1,2-Dichloroethene
Concen: 47.502 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

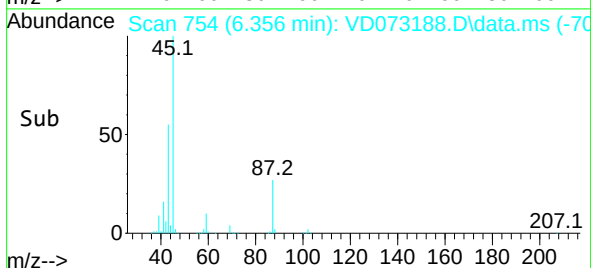
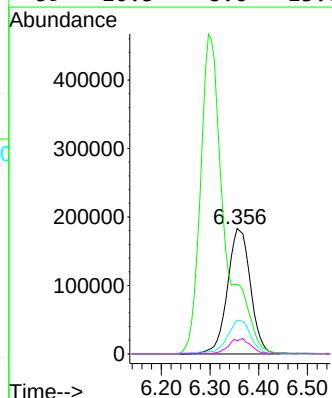
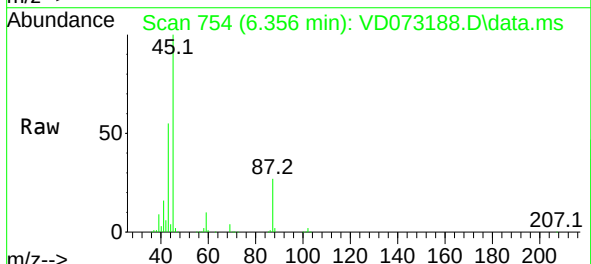
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

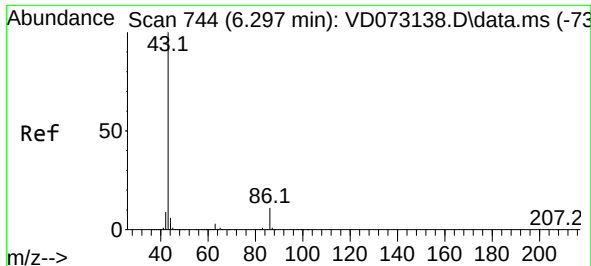
Tgt Ion: 96 Resp: 203197
Ion Ratio Lower Upper
96 100
61 128.5 117.9 176.9
98 61.5 49.4 74.2



#22
Diisopropyl ether
Concen: 50.053 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 45 Resp: 599212
Ion Ratio Lower Upper
45 100
43 54.7 46.6 70.0
87 26.6 18.4 27.6
59 10.3 8.6 13.0

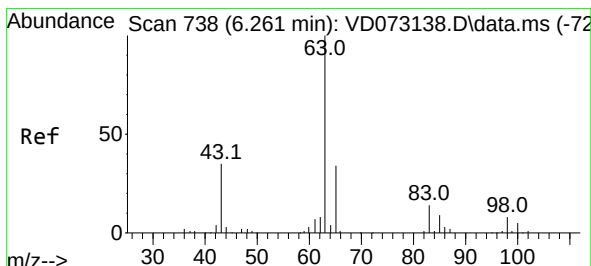
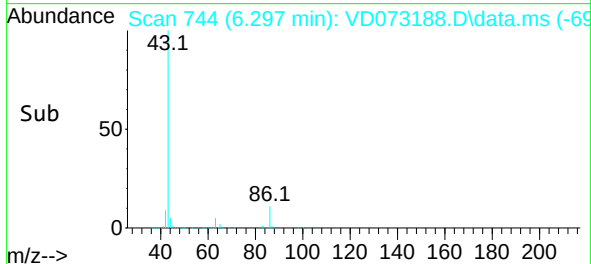
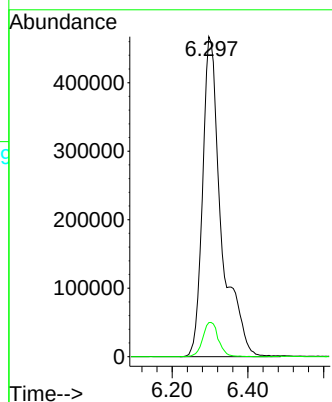
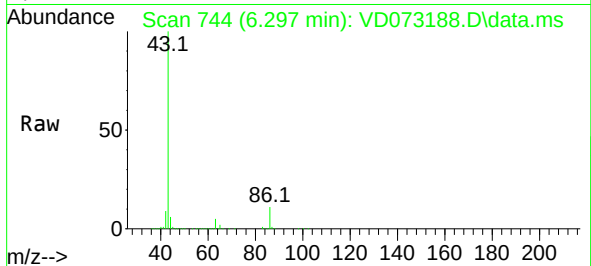




#23
 Vinyl Acetate
 Concen: 250.679 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

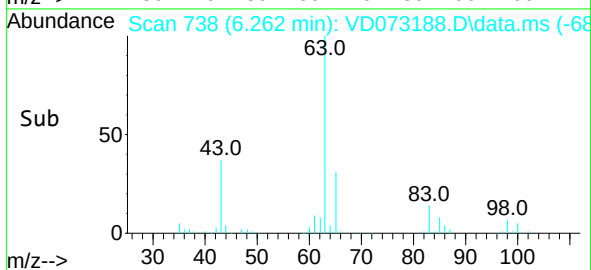
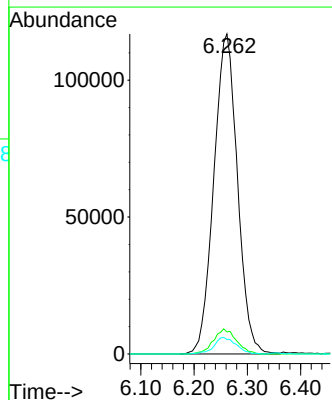
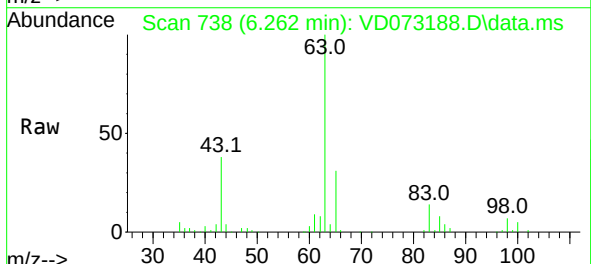
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

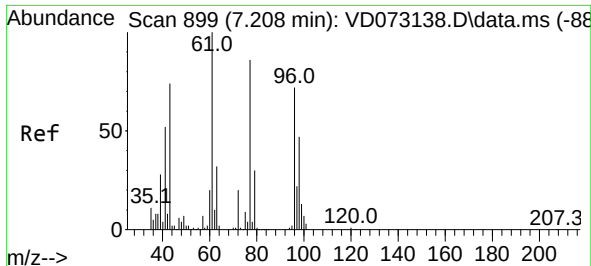
Tgt Ion: 43 Resp: 1600749
 Ion Ratio Lower Upper
 43 100
 86 10.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 46.884 ug/l
 RT: 6.262 min Scan# 738
 Delta R.T. 0.001 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion: 63 Resp: 360273
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 4.5 2.1 6.5

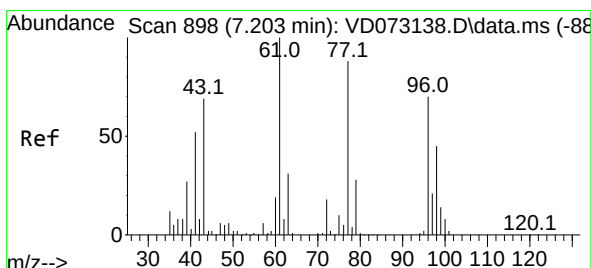
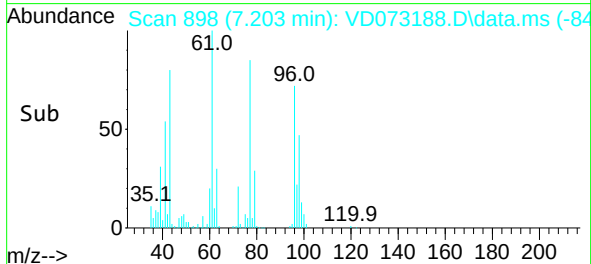
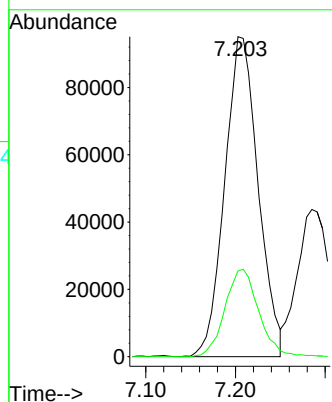
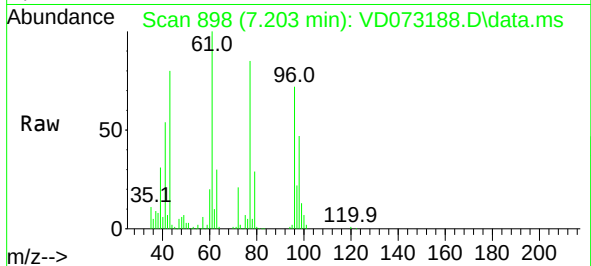




#25
2-Butanone
Concen: 249.364 ug/l
RT: 7.203 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

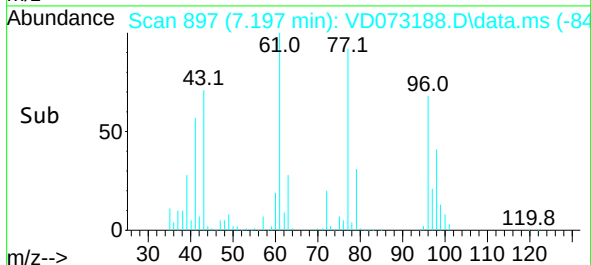
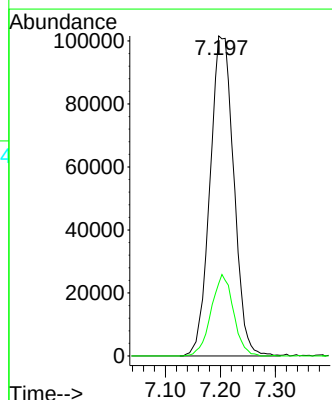
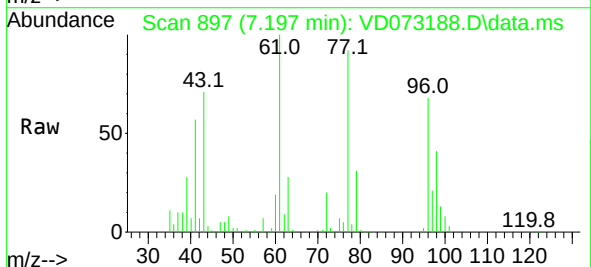
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

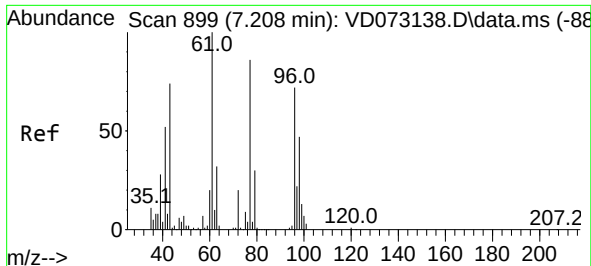
Tgt Ion: 43 Resp: 245854
Ion Ratio Lower Upper
43 100
72 26.8 18.6 27.8



#26
2,2-Dichloropropane
Concen: 46.670 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 77 Resp: 305840
Ion Ratio Lower Upper
77 100
97 23.9 10.8 32.4

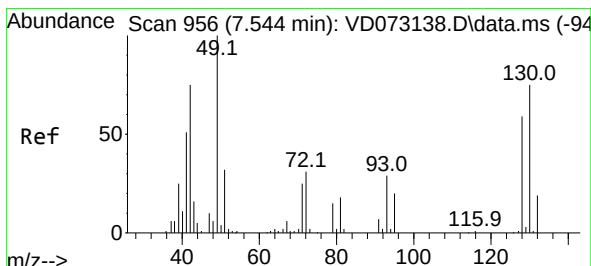
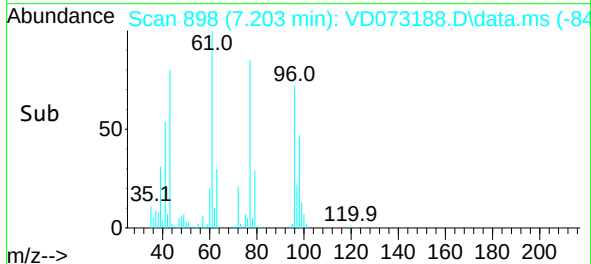
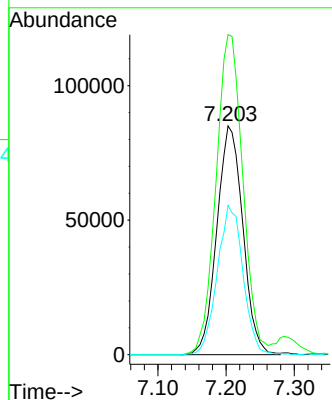
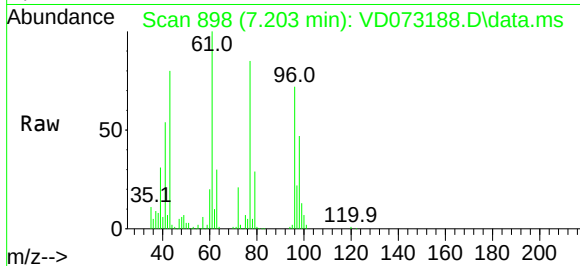




#27
 cis-1,2-Dichloroethene
 Concen: 47.741 ug/l
 RT: 7.203 min Scan# 899
 Delta R.T. -0.005 min
 Lab File: VD073138.D
 Acq: 20 May 2022 17:00

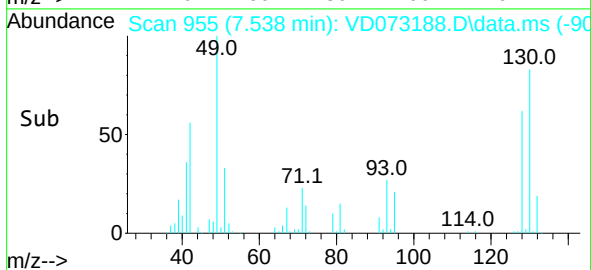
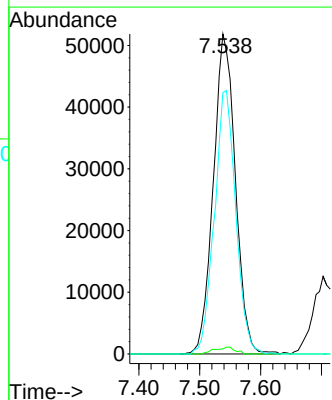
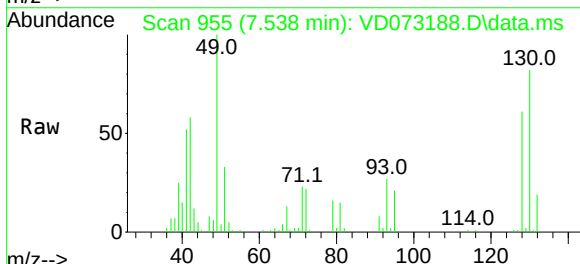
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

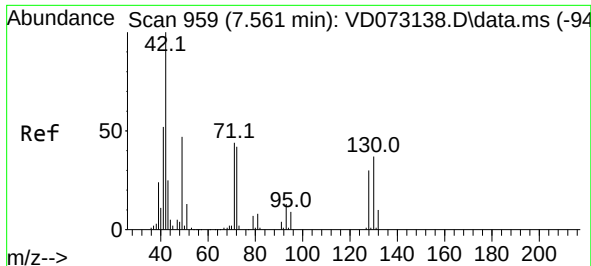
Tgt Ion: 96 Resp: 225970
 Ion Ratio Lower Upper
 96 100
 61 144.2 0.0 313.8
 98 64.6 0.0 128.8



#28
 Bromochloromethane
 Concen: 49.257 ug/l
 RT: 7.538 min Scan# 955
 Delta R.T. -0.006 min
 Lab File: VD073138.D
 Acq: 20 May 2022 17:00

Tgt Ion: 49 Resp: 130400
 Ion Ratio Lower Upper
 49 100
 129 2.0 0.0 4.0
 130 79.9 52.6 79.0#





#29

Tetrahydrofuran

Concen: 249.225 ug/l

RT: 7.556 min Scan# 91

Delta R.T. -0.005 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

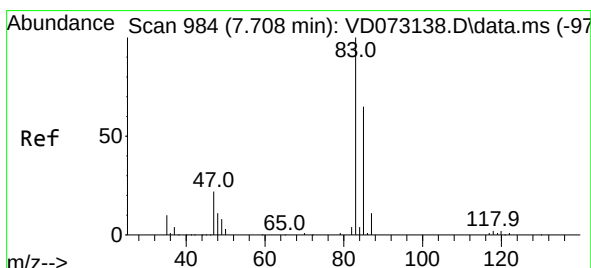
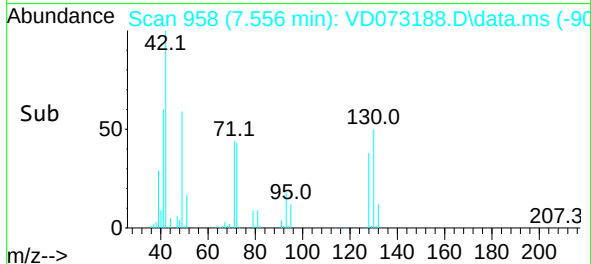
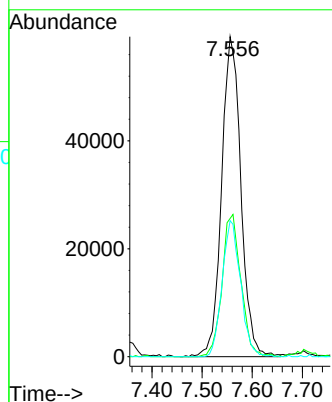
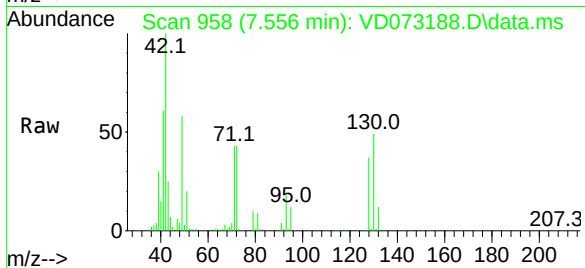
Tgt Ion: 42 Resp: 158885

Ion Ratio Lower Upper

42 100

72 43.6 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 48.730 ug/l

RT: 7.703 min Scan# 983

Delta R.T. -0.005 min

Lab File: VD073188.D

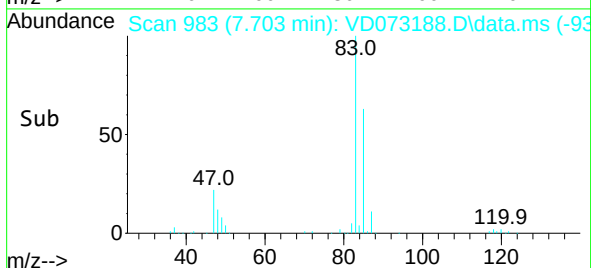
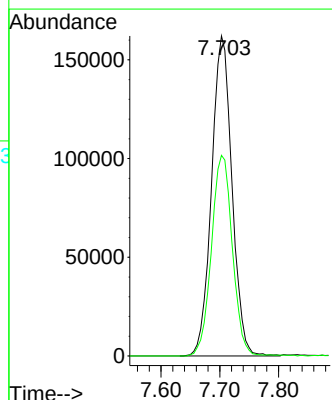
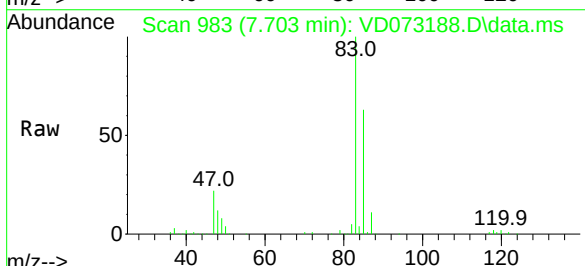
Acq: 20 May 2022 17:00

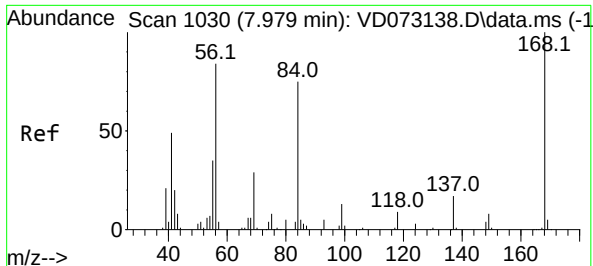
Tgt Ion: 83 Resp: 390927

Ion Ratio Lower Upper

83 100

85 62.7 52.7 79.1





#31

Cyclohexane

Concen: 45.921 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

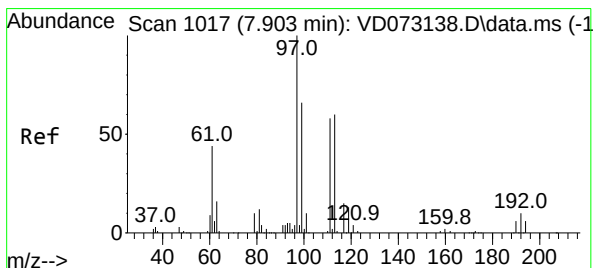
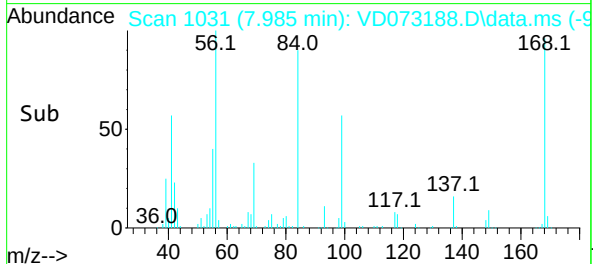
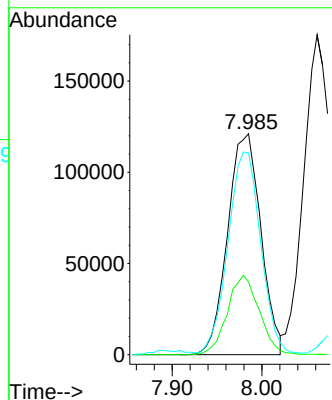
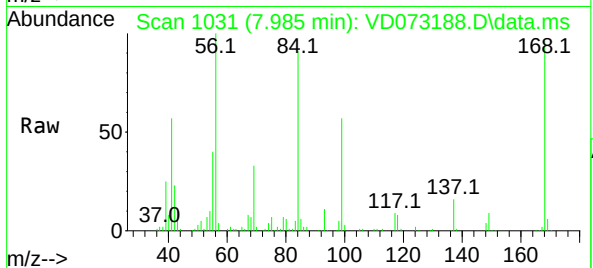
Tgt Ion: 56 Resp: 312212

Ion Ratio Lower Upper

56 100

69 33.0 25.4 38.2

84 89.5 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.292 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

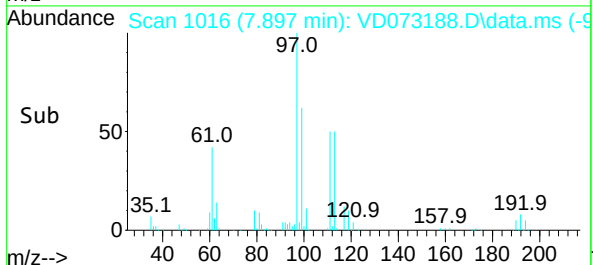
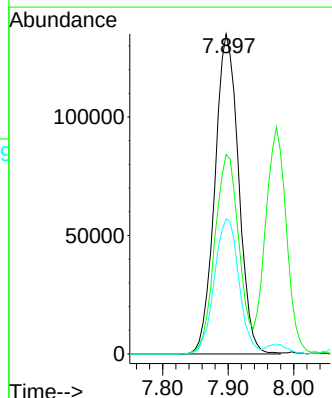
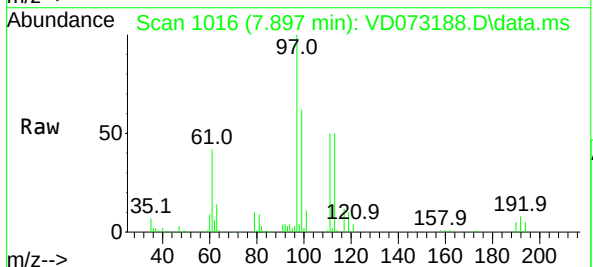
Tgt Ion: 97 Resp: 338843

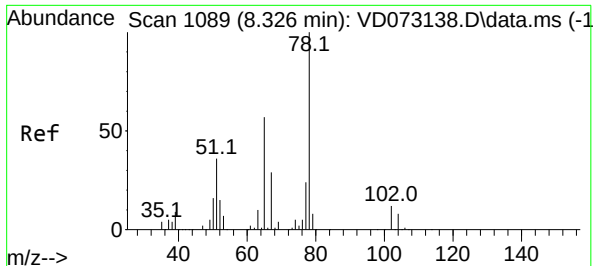
Ion Ratio Lower Upper

97 100

99 63.9 52.4 78.6

61 43.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 51.498 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

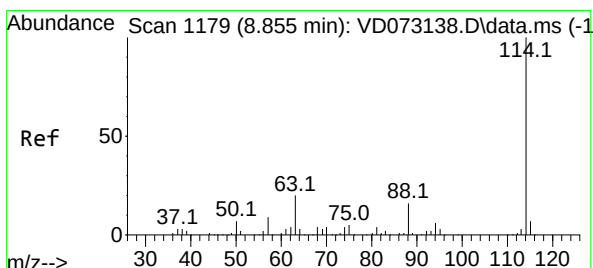
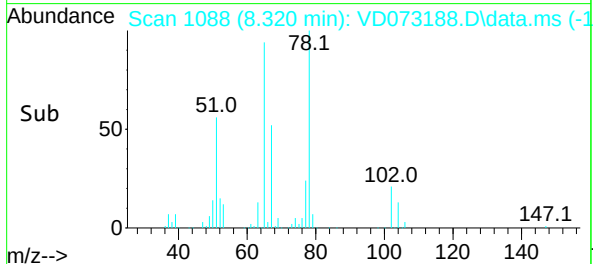
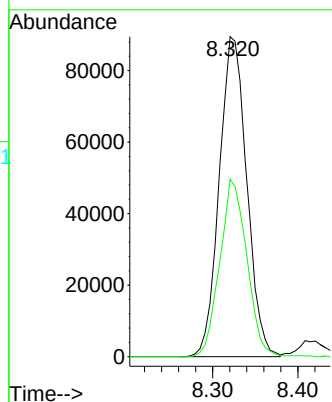
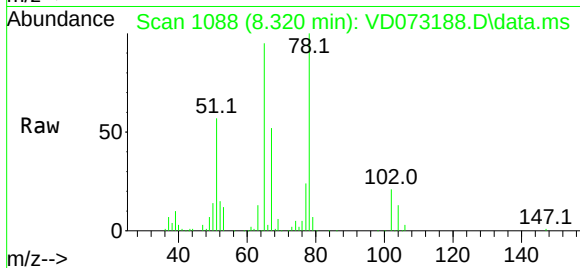
VSTDCCC050

Tgt Ion: 65 Resp: 200357

Ion Ratio Lower Upper

65 100

67 54.5 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

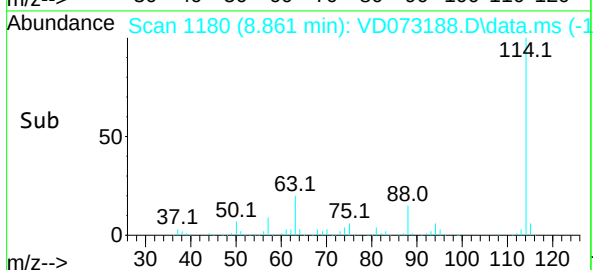
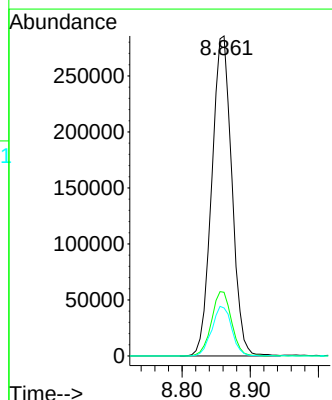
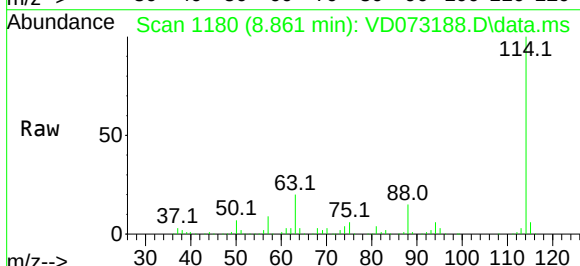
Tgt Ion: 114 Resp: 583789

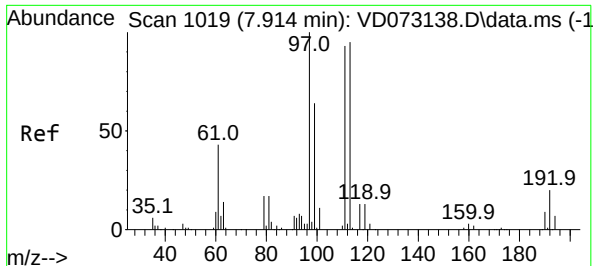
Ion Ratio Lower Upper

114 100

63 19.9 0.0 46.6

88 15.0 0.0 33.2





#35

Dibromofluoromethane

Concen: 54.102 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.005 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

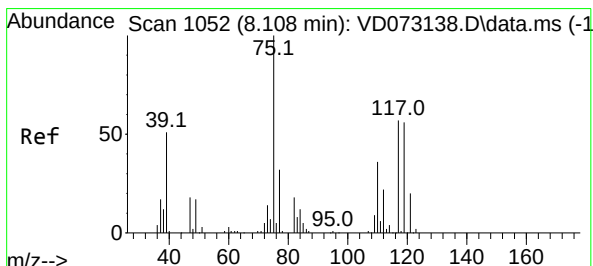
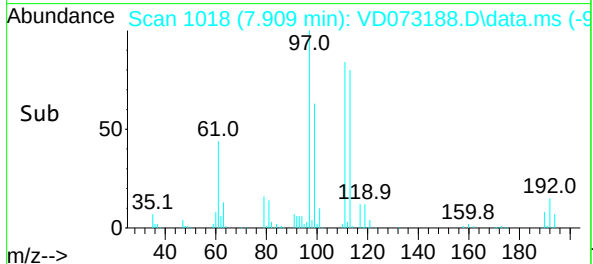
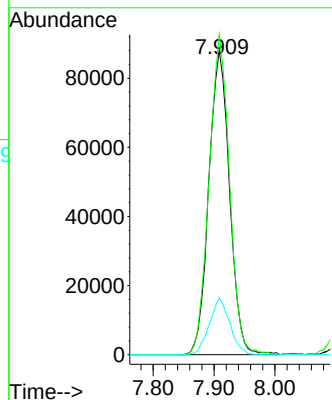
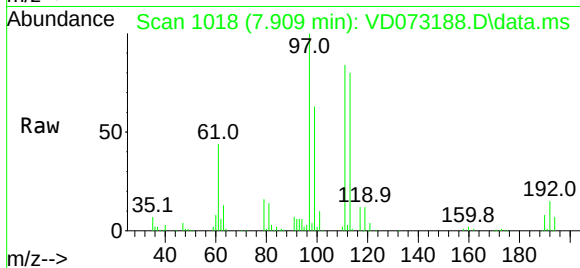
Tgt Ion:113 Resp: 208414

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.4 14.6 21.8



#36

1,1-Dichloropropene

Concen: 49.287 ug/l

RT: 8.109 min Scan# 1052

Delta R.T. 0.001 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

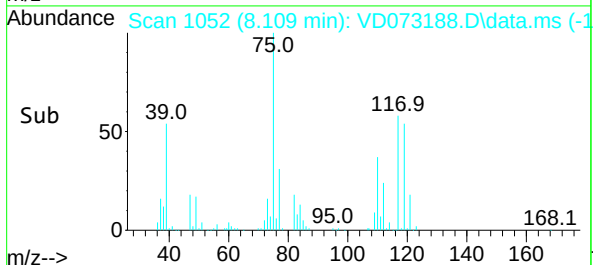
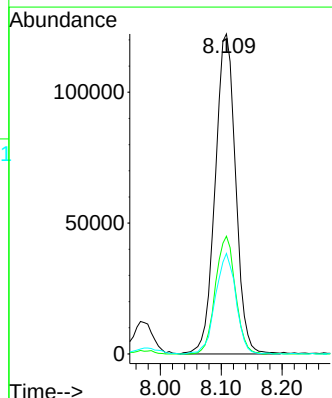
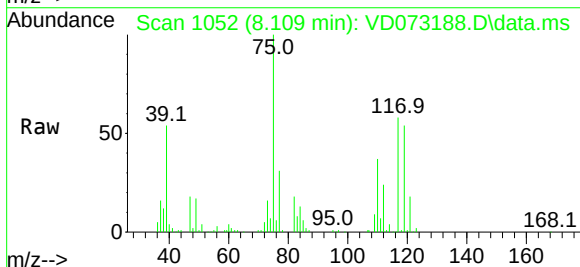
Tgt Ion: 75 Resp: 285552

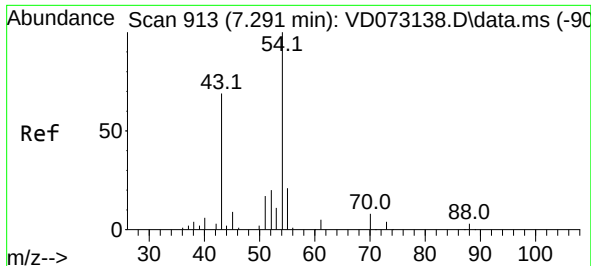
Ion Ratio Lower Upper

75 100

110 35.9 16.4 49.1

77 31.6 24.2 36.2





#37

Ethyl Acetate

Concen: 50.596 ug/l

RT: 7.285 min Scan# 913

Delta R.T. -0.006 min

Lab File: VD073138.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

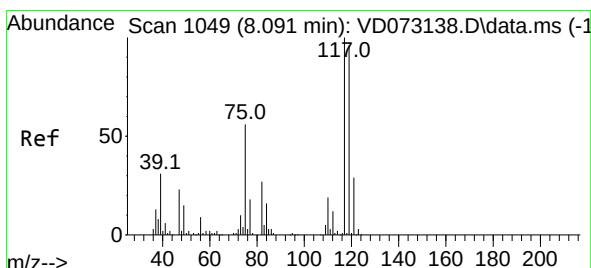
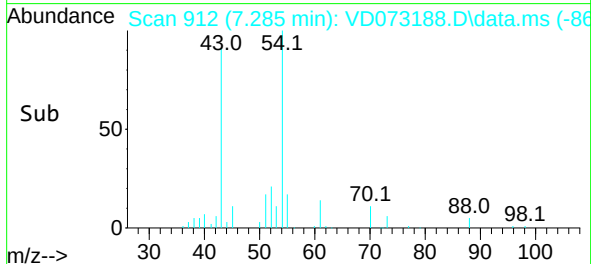
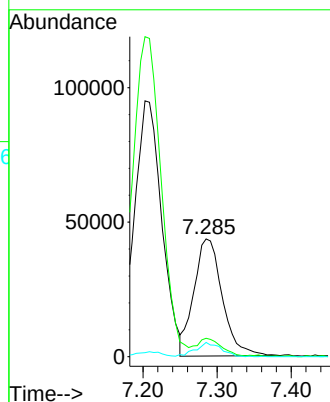
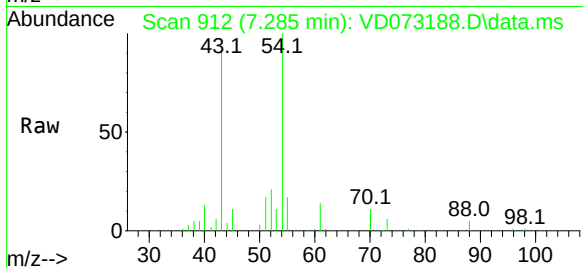
Tgt Ion: 43 Resp: 115787

Ion Ratio Lower Upper

43 100

61 13.2 9.8 14.8

70 10.8 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 50.547 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073138.D

Acq: 20 May 2022 17:00

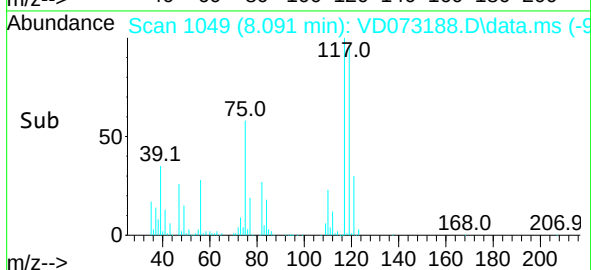
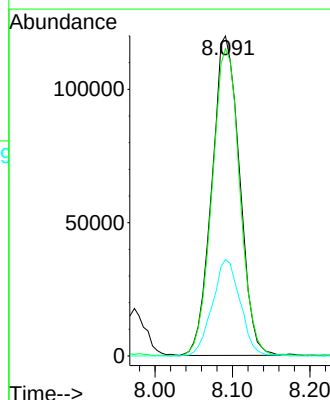
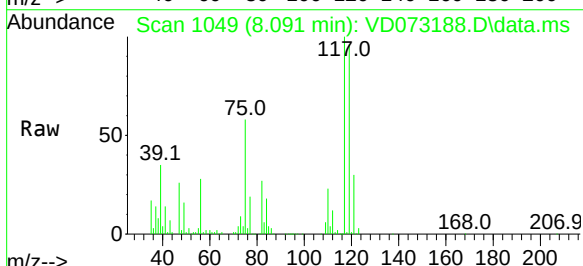
Tgt Ion: 117 Resp: 296858

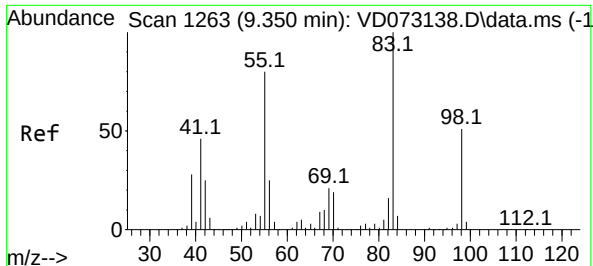
Ion Ratio Lower Upper

117 100

119 96.2 75.8 113.6

121 30.1 24.5 36.7





#39

Methylcyclohexane

Concen: 51.121 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

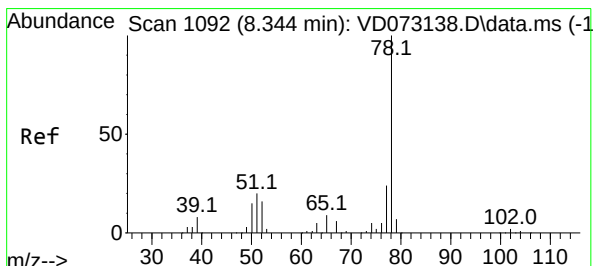
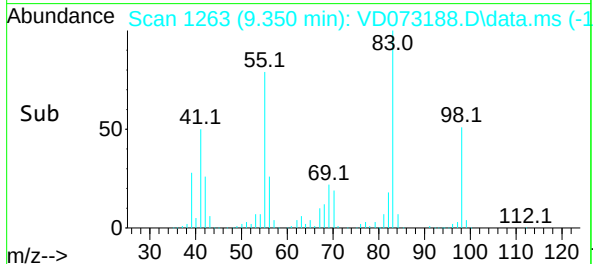
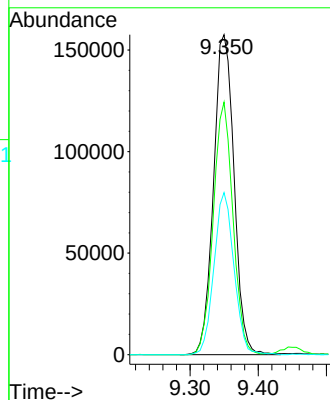
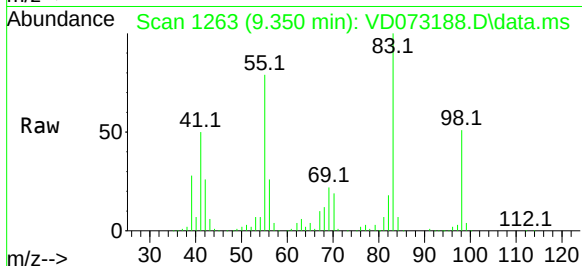
Tgt Ion: 83 Resp: 330077

Ion Ratio Lower Upper

83 100

55 78.9 63.2 94.8

98 50.6 38.2 57.4



#40

Benzene

Concen: 49.083 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073188.D

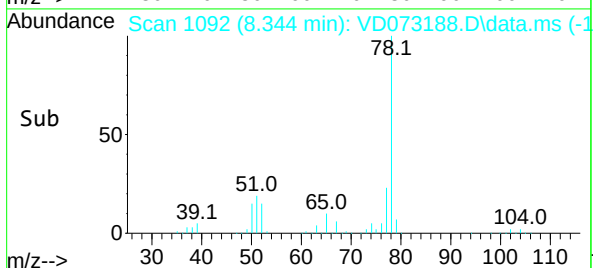
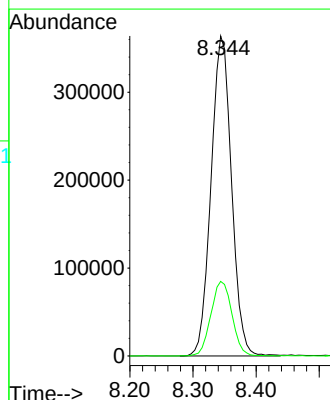
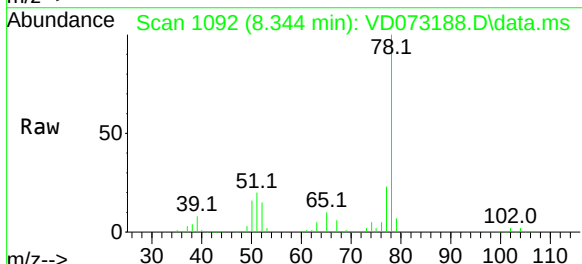
Acq: 20 May 2022 17:00

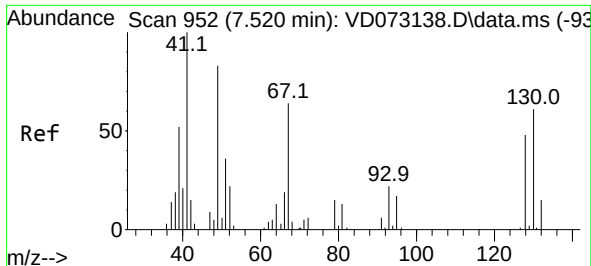
Tgt Ion: 78 Resp: 819561

Ion Ratio Lower Upper

78 100

77 23.3 19.1 28.7

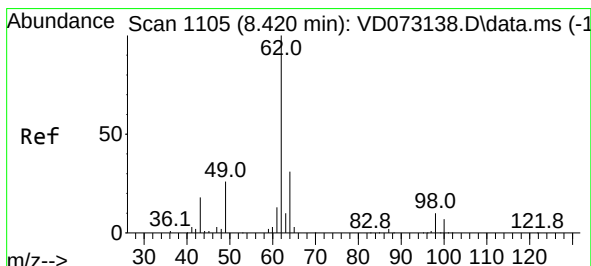
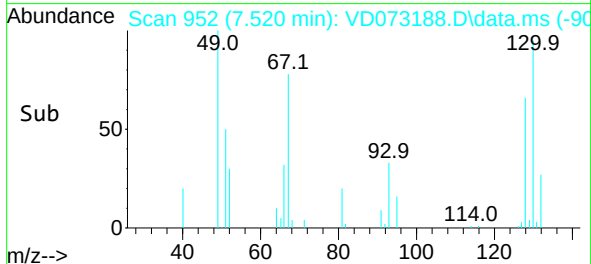
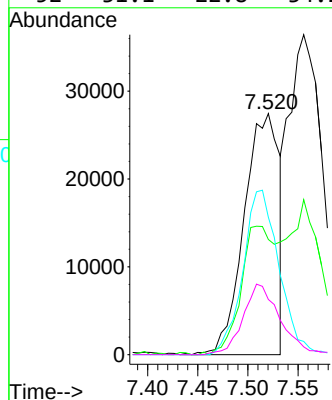
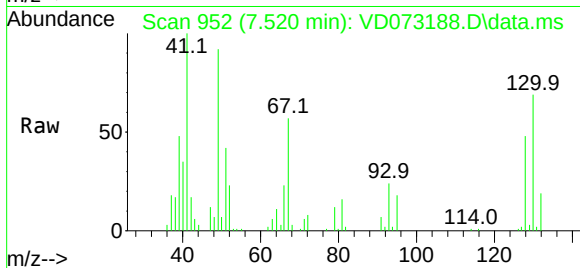




#41
Methacrylonitrile
Concen: 49.985 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

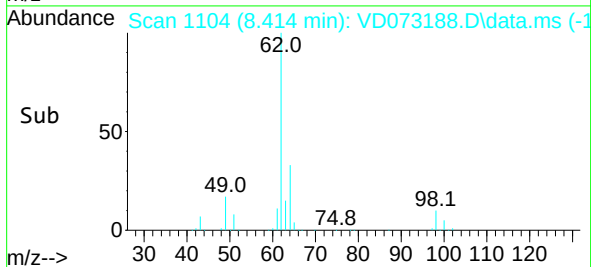
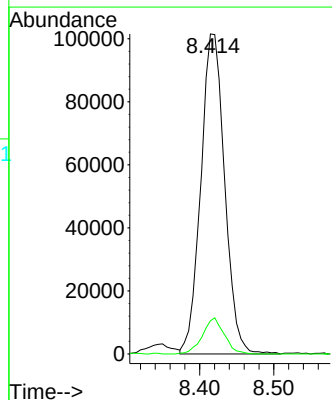
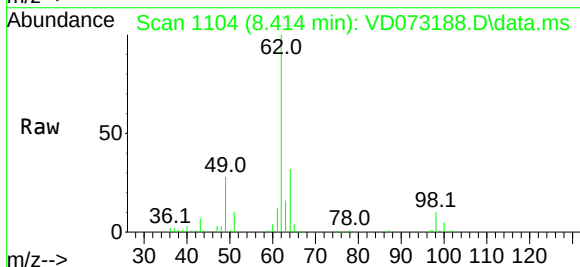
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

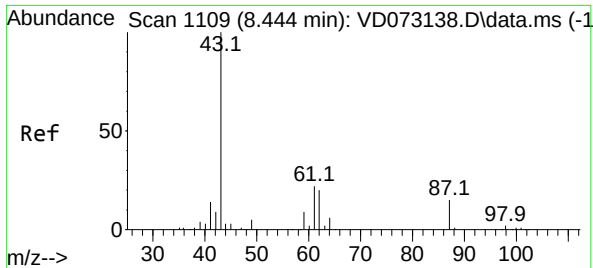
Tgt Ion: 41 Resp: 66647
Ion Ratio Lower Upper
41 100
39 49.2 44.6 67.0
67 70.3 48.2 72.4
52 31.1 22.8 34.2



#42
1,2-Dichloroethane
Concen: 48.933 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 62 Resp: 227343
Ion Ratio Lower Upper
62 100
98 10.3 0.0 17.6

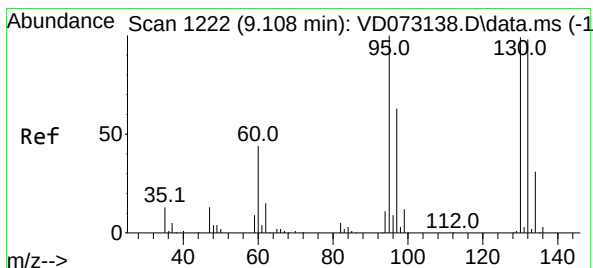
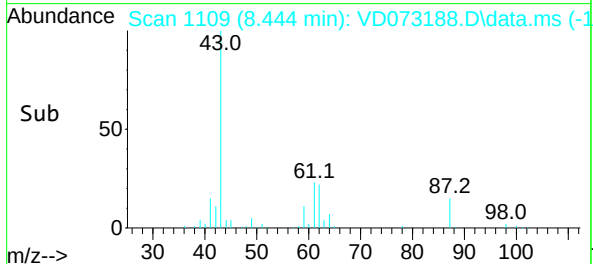
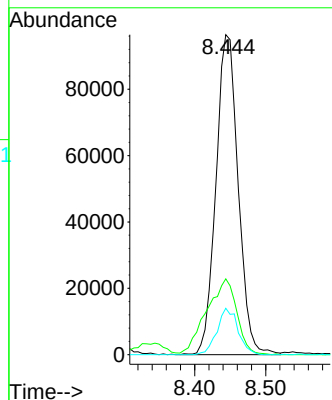
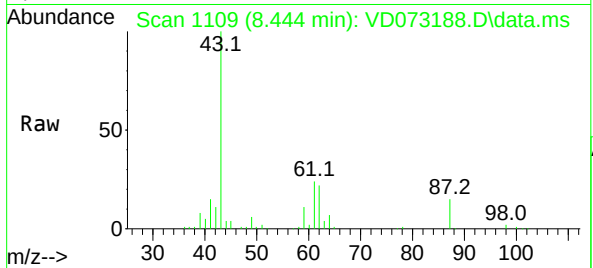




#43
Isopropyl Acetate
Concen: 49.503 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

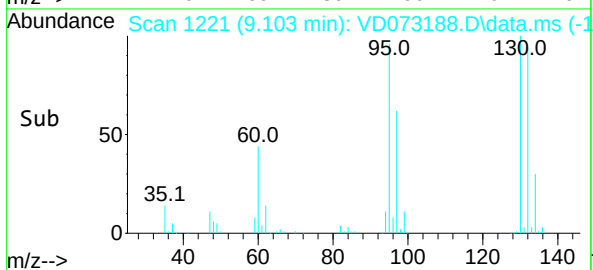
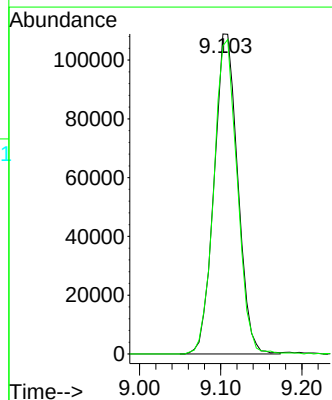
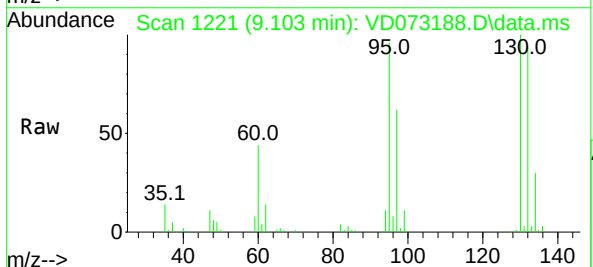
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

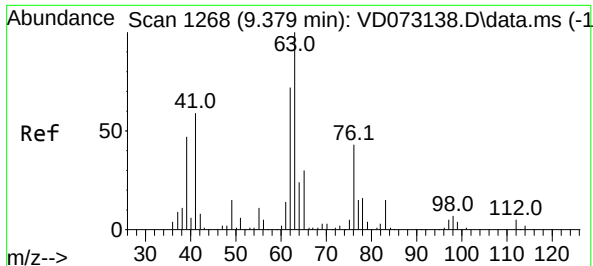
Tgt Ion: 43 Resp: 209393
Ion Ratio Lower Upper
43 100
61 32.2 22.4 33.6
87 13.7 8.7 13.1#



#44
Trichloroethene
Concen: 49.557 ug/l
RT: 9.103 min Scan# 1221
Delta R.T. -0.005 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:130 Resp: 220661
Ion Ratio Lower Upper
130 100
95 96.3 0.0 205.4





#45

1,2-Dichloropropane

Concen: 49.947 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. 0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

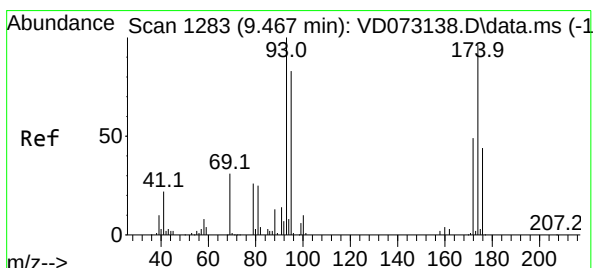
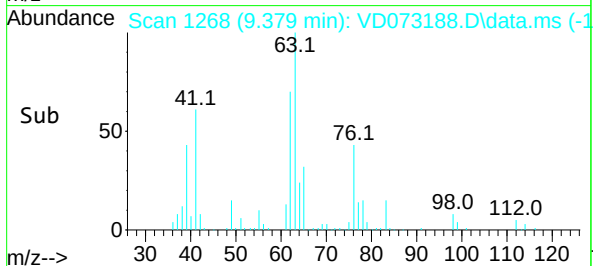
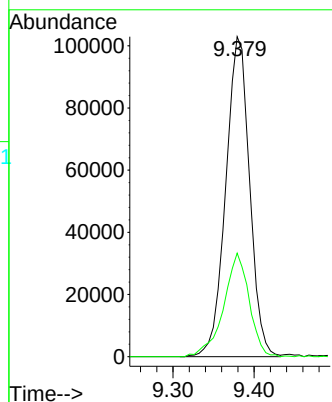
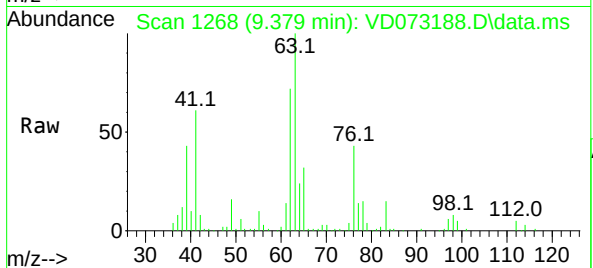
VSTDCCC050

Tgt Ion: 63 Resp: 210030

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 48.980 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

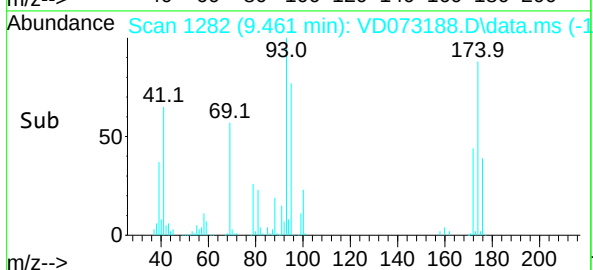
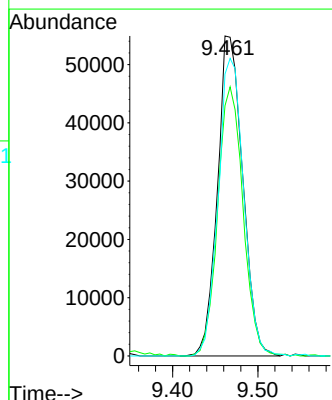
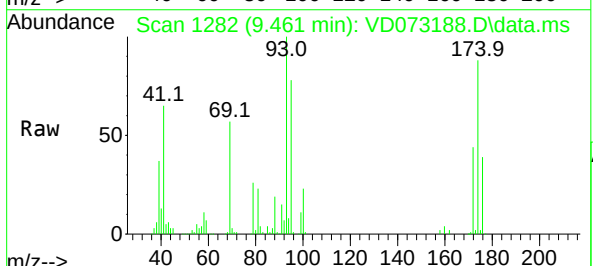
Tgt Ion: 93 Resp: 113118

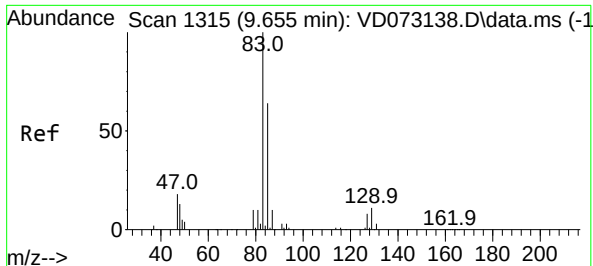
Ion Ratio Lower Upper

93 100

95 84.3 66.7 100.1

174 93.9 71.6 107.4





#47

Bromodichloromethane

Concen: 51.113 ug/l

RT: 9.656 min Scan# 1

Delta R.T. 0.001 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

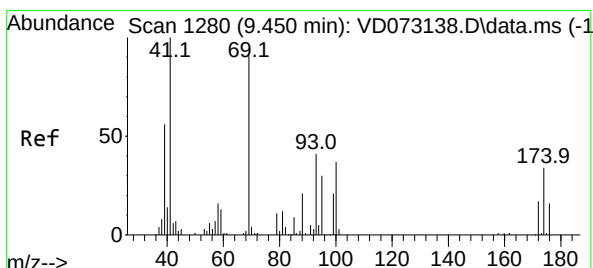
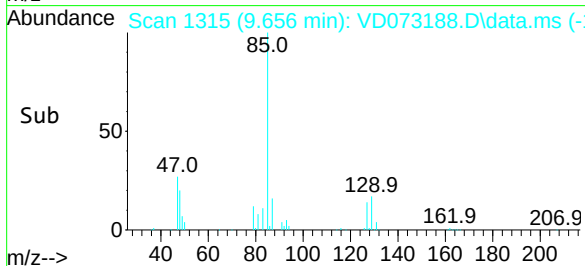
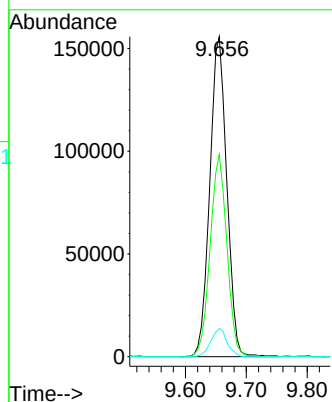
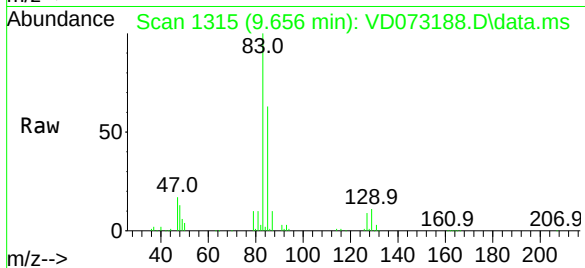
Tgt Ion: 83 Resp: 302045

Ion Ratio Lower Upper

83 100

85 63.2 51.4 77.0

127 8.8 6.1 9.1



#48

Methyl methacrylate

Concen: 53.875 ug/l

RT: 9.450 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

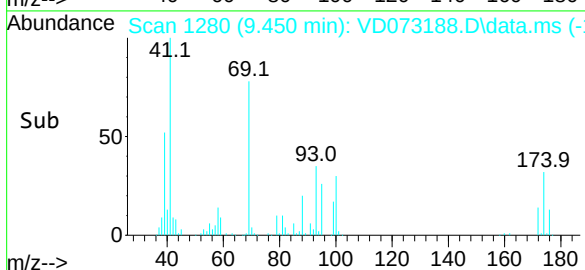
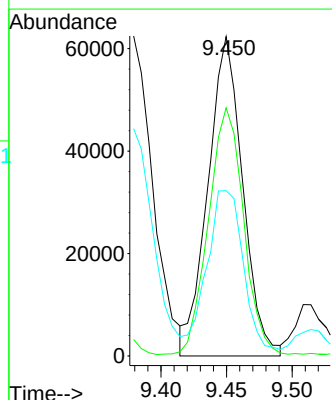
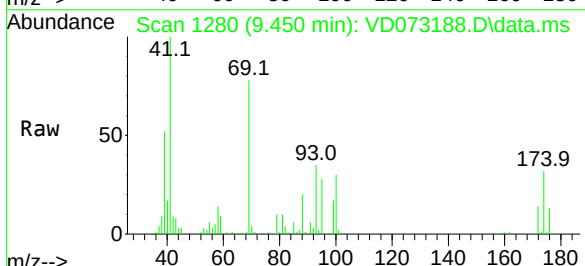
Tgt Ion: 41 Resp: 114652

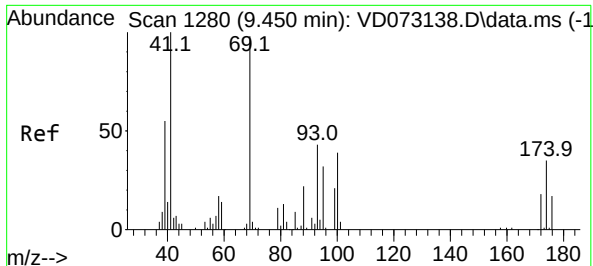
Ion Ratio Lower Upper

41 100

69 78.6 56.7 85.1

39 56.0 42.7 64.1





#49

1,4-Dioxane

Concen: 1098.690 ug/l

RT: 9.456 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

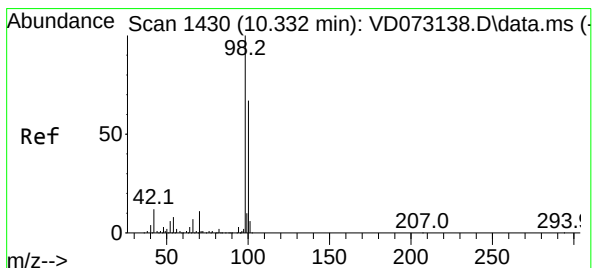
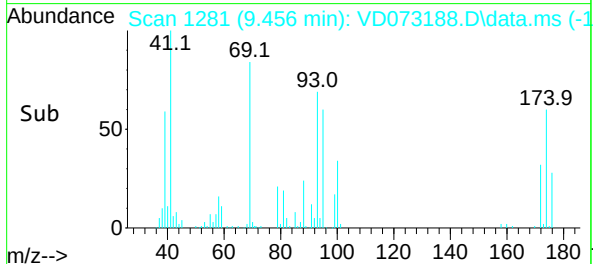
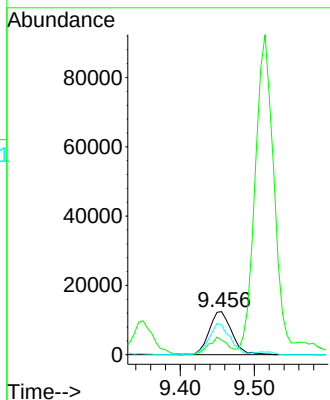
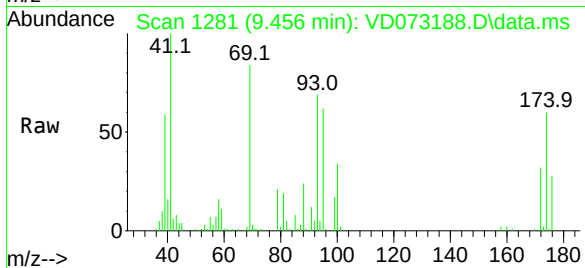
Tgt Ion: 88 Resp: 26204

Ion Ratio Lower Upper

88 100

43 31.1 31.0 46.4

58 66.9 58.1 87.1



#50

Toluene-d8

Concen: 56.330 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. 0.000 min

Lab File: VD073188.D

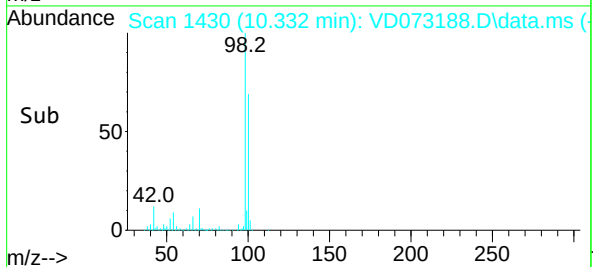
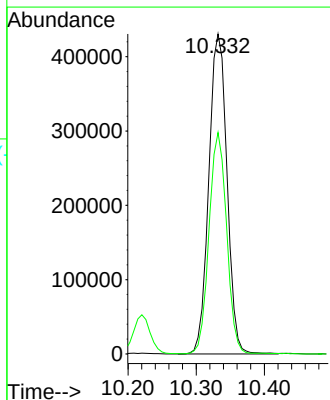
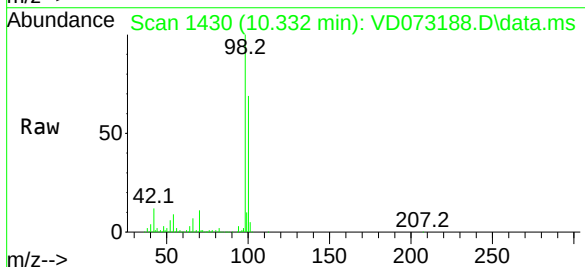
Acq: 20 May 2022 17:00

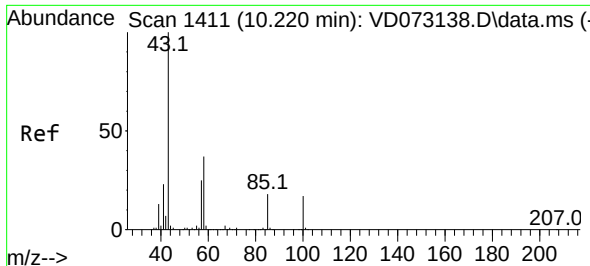
Tgt Ion: 98 Resp: 799899

Ion Ratio Lower Upper

98 100

100 67.0 52.4 78.6

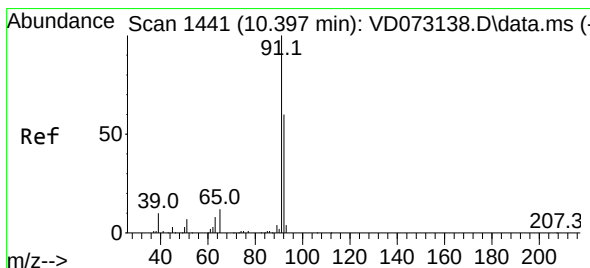
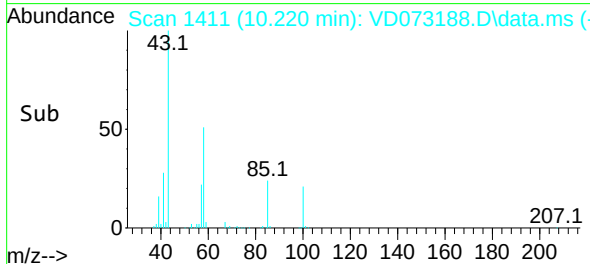
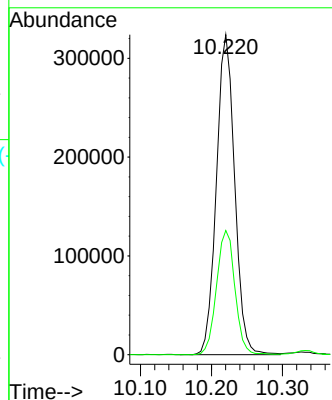
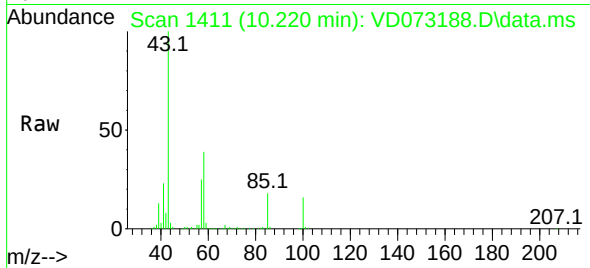




#51
4-Methyl-2-Pentanone
Concen: 262.973 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

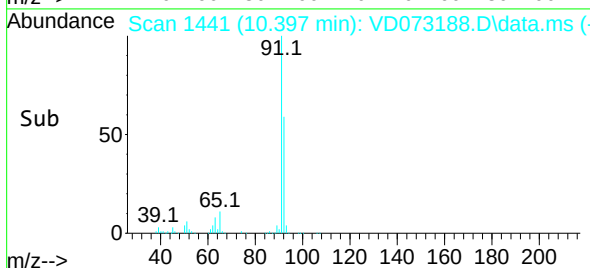
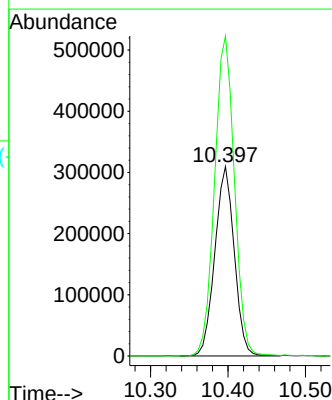
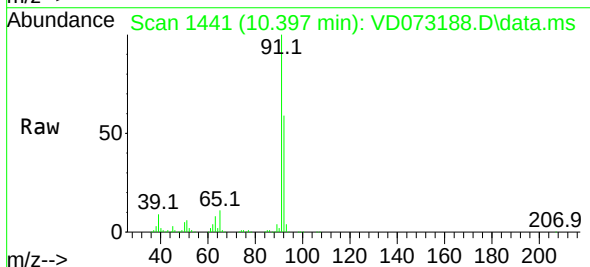
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

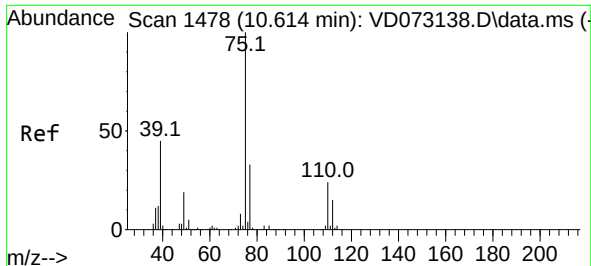
Tgt Ion: 43 Resp: 577736
Ion Ratio Lower Upper
43 100
58 39.0 28.6 43.0



#52
Toluene
Concen: 51.004 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 92 Resp: 538168
Ion Ratio Lower Upper
92 100
91 172.6 139.6 209.4

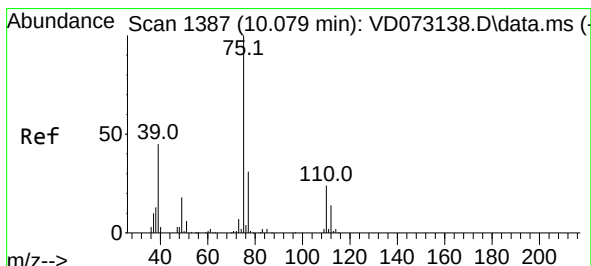
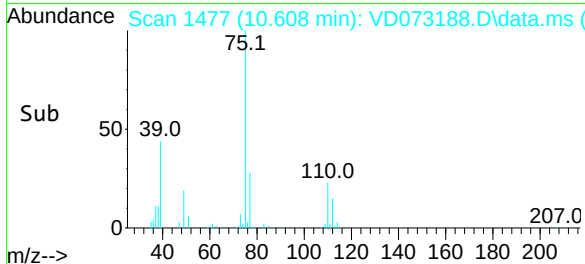
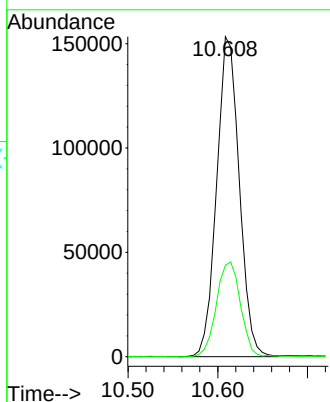
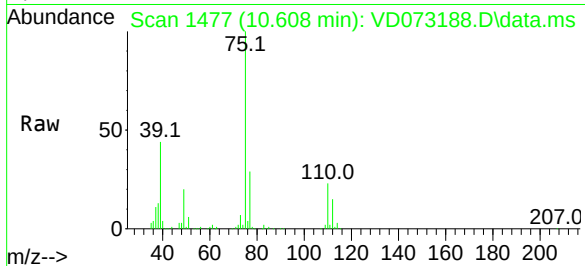




#53
 t-1,3-Dichloropropene
 Concen: 50.240 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.006 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

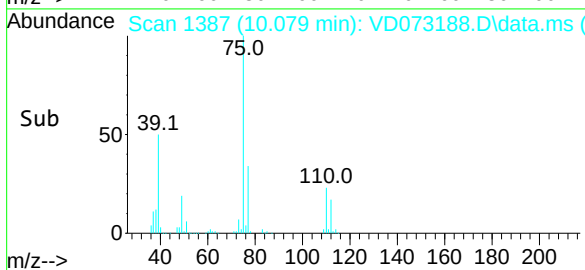
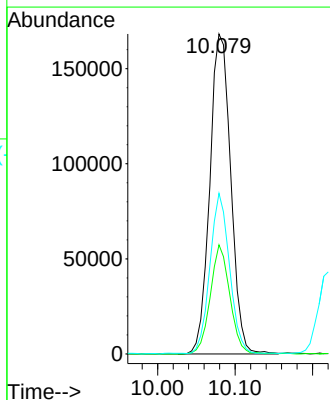
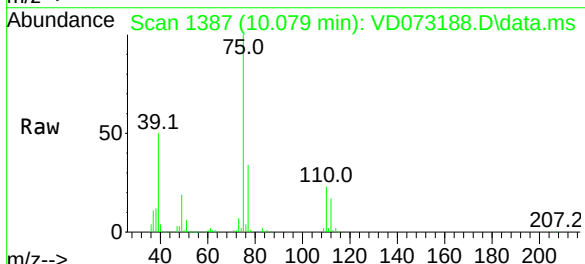
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

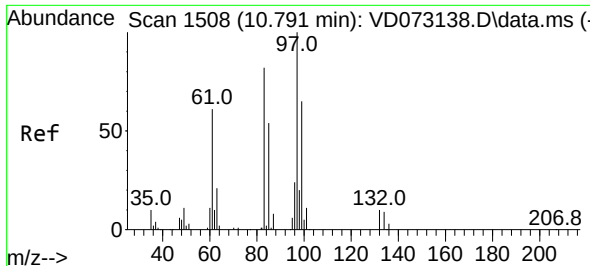
Tgt Ion: 75 Resp: 268208
 Ion Ratio Lower Upper
 75 100
 77 28.5 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 49.514 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion: 75 Resp: 316325
 Ion Ratio Lower Upper
 75 100
 77 34.1 24.8 37.2
 39 50.0 46.8 70.2



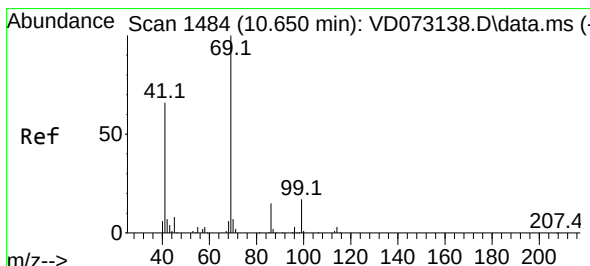
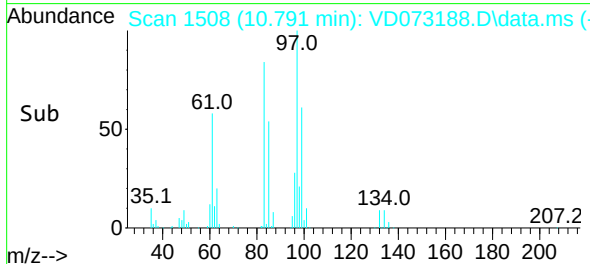
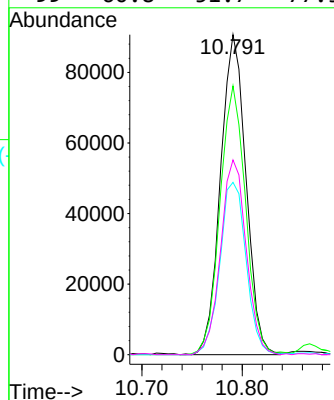
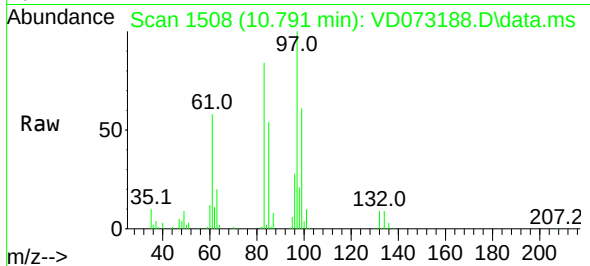


#55
1,1,2-Trichloroethane
Concen: 51.252 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion: 97 Resp: 160064

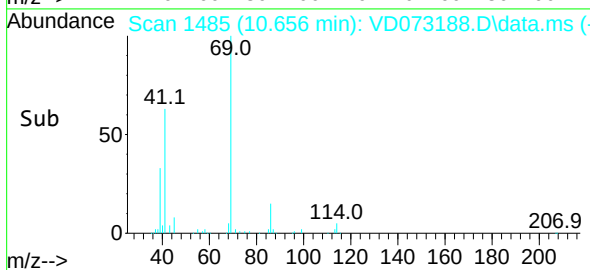
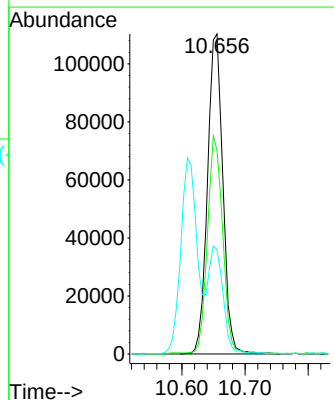
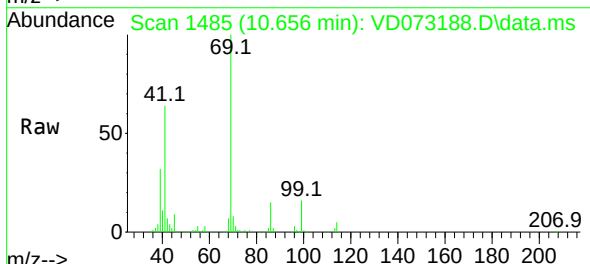
Ion	Ratio	Lower	Upper
97	100		
83	84.0	69.0	103.4
85	53.9	42.6	63.8
99	60.8	51.7	77.5

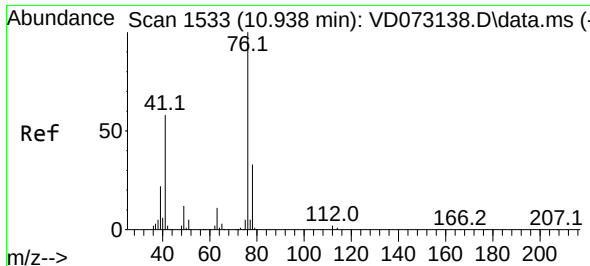


#56
Ethyl methacrylate
Concen: 53.692 ug/l
RT: 10.656 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 69 Resp: 186436

Ion	Ratio	Lower	Upper
69	100		
41	67.3	63.0	94.6
39	30.7	33.8	50.8

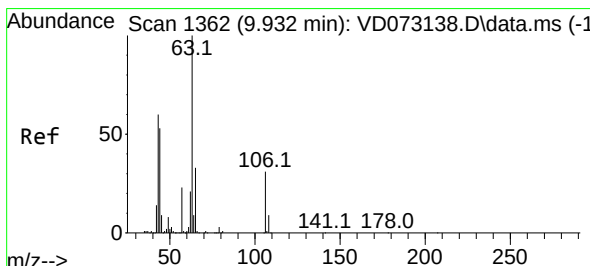
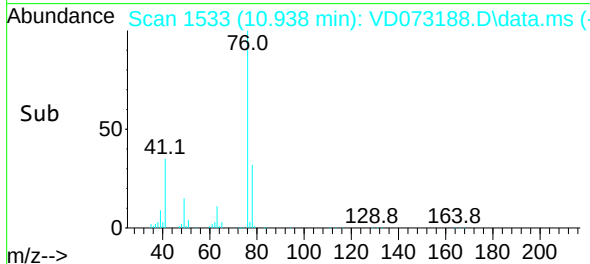
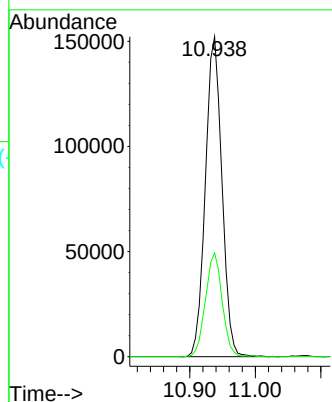
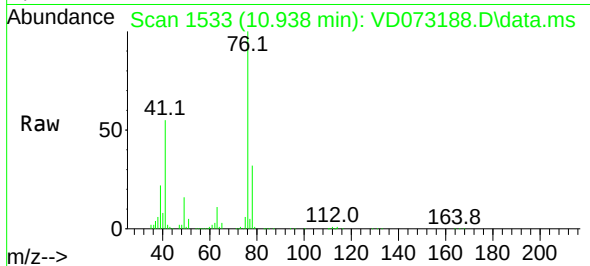




#57
1,3-Dichloropropane
Concen: 50.986 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

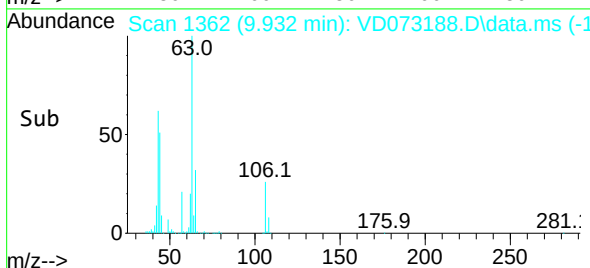
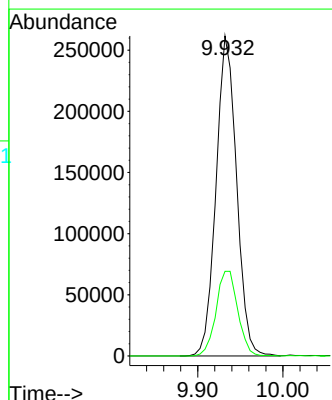
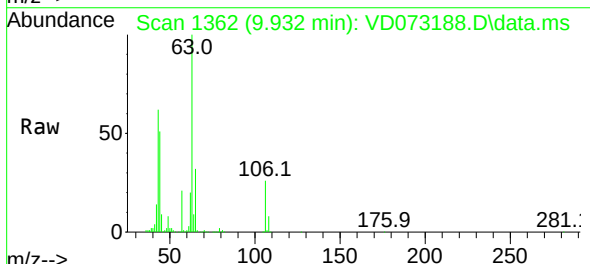
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

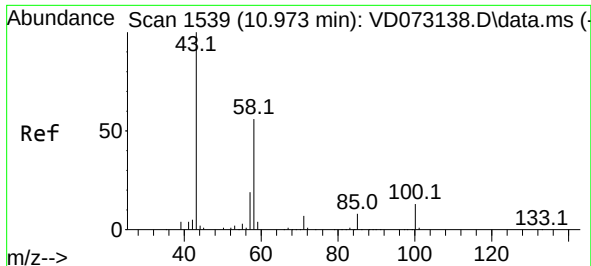
Tgt Ion: 76 Resp: 267179
Ion Ratio Lower Upper
76 100
78 32.8 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 263.736 ug/l
RT: 9.932 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 63 Resp: 437236
Ion Ratio Lower Upper
63 100
106 28.1 21.4 32.0

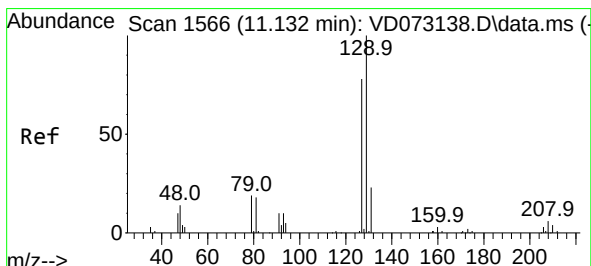
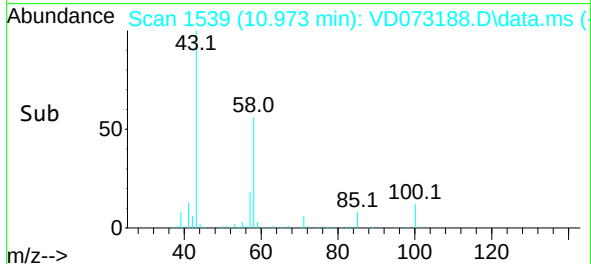
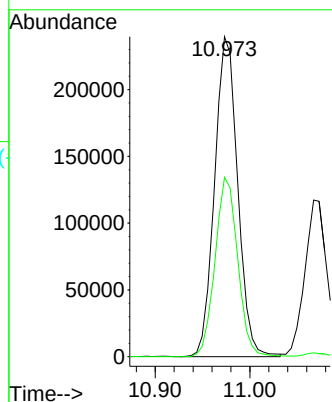
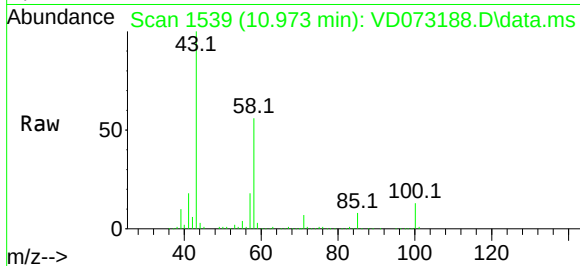




#59
2-Hexanone
Concen: 280.287 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

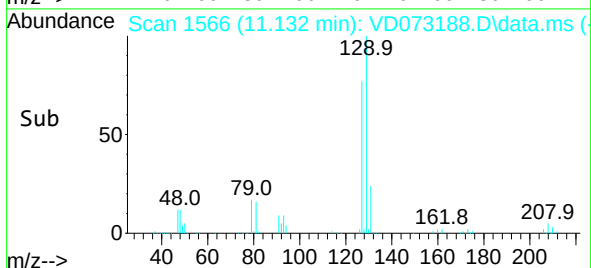
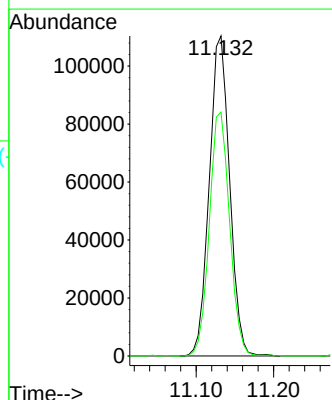
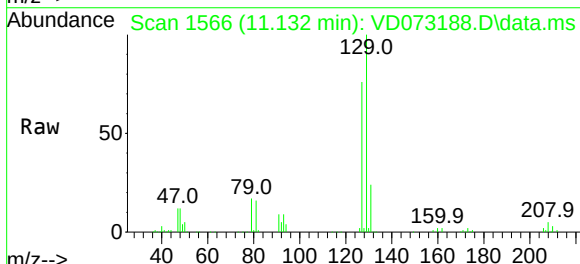
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

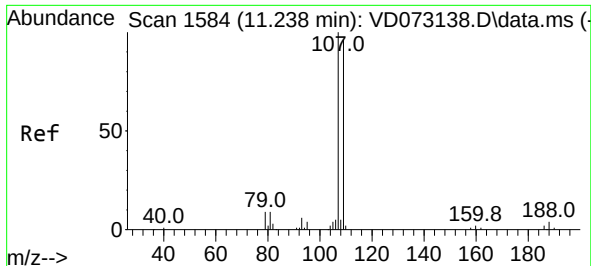
Tgt Ion: 43 Resp: 405971
Ion Ratio Lower Upper
43 100
58 55.1 25.3 75.9



#60
Dibromochloromethane
Concen: 51.651 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 129 Resp: 201138
Ion Ratio Lower Upper
129 100
127 76.0 39.2 117.6

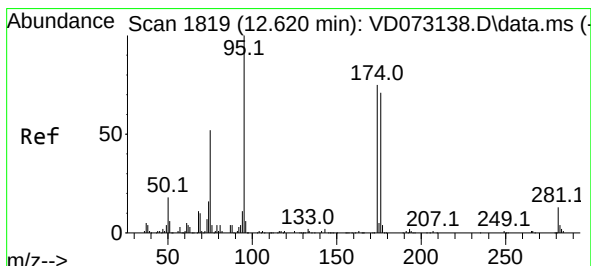
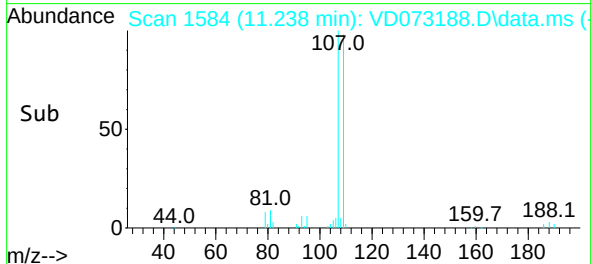
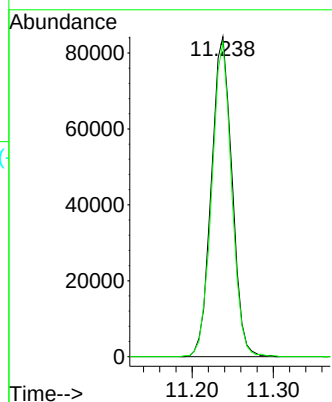
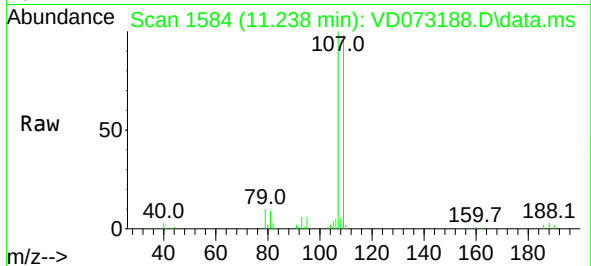




#61
1,2-Dibromoethane
Concen: 49.890 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

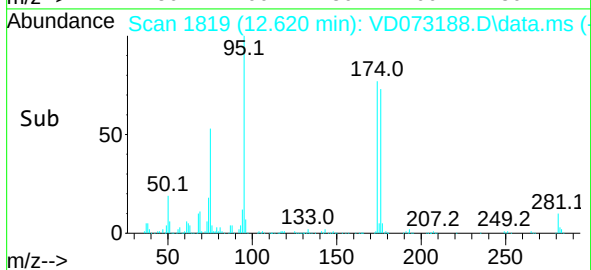
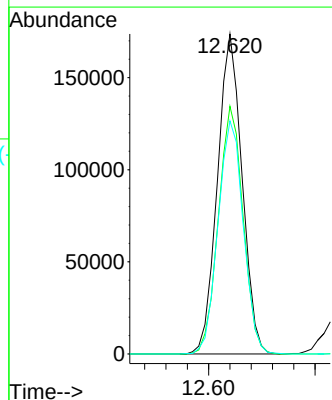
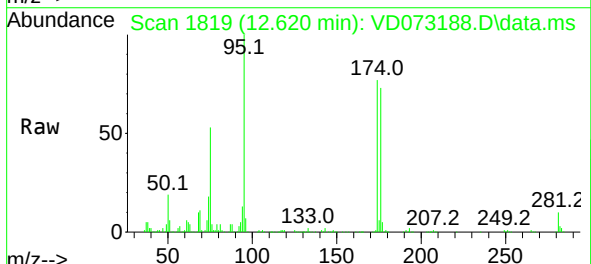
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

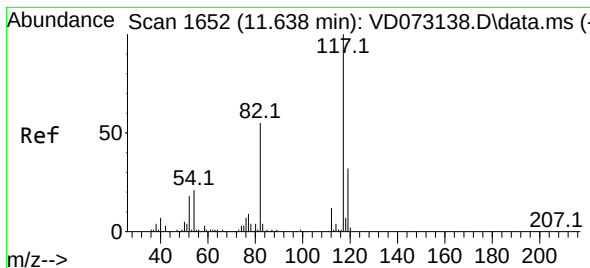
Tgt Ion:107 Resp: 148885
Ion Ratio Lower Upper
107 100
109 94.8 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.891 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 95 Resp: 278529
Ion Ratio Lower Upper
95 100
174 77.5 0.0 152.8
176 74.7 0.0 145.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.638 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

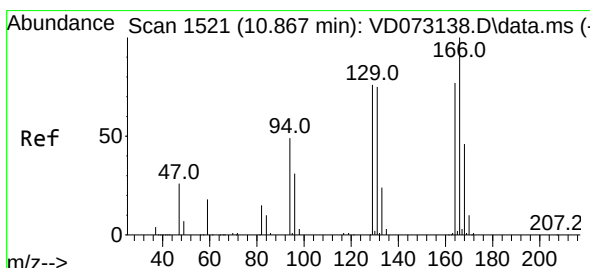
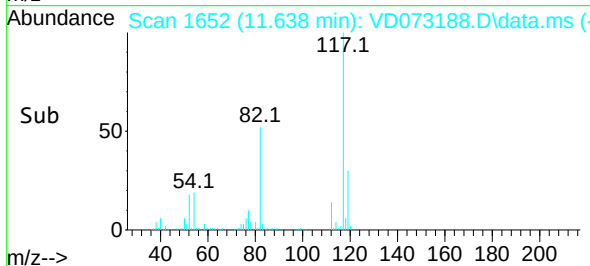
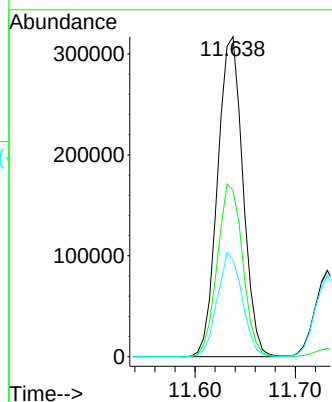
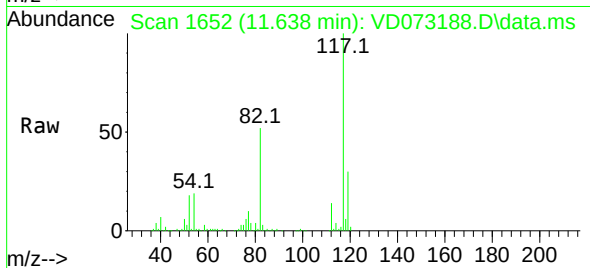
Tgt Ion:117 Resp: 555498

Ion Ratio Lower Upper

117 100

82 52.0 45.3 67.9

119 30.2 26.6 40.0



#64

Tetrachloroethene

Concen: 49.433 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. 0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Tgt Ion:164 Resp: 179857

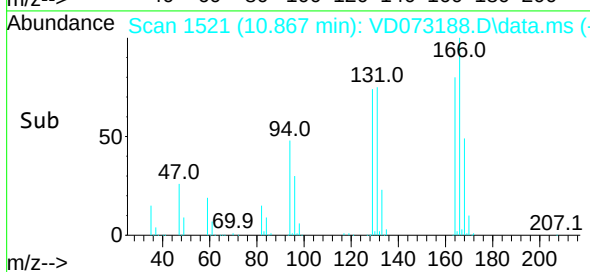
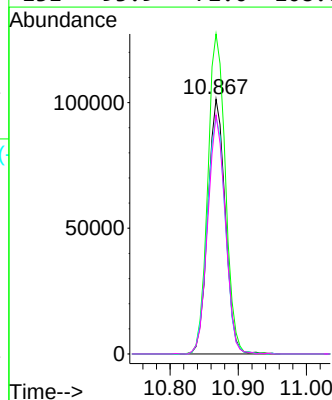
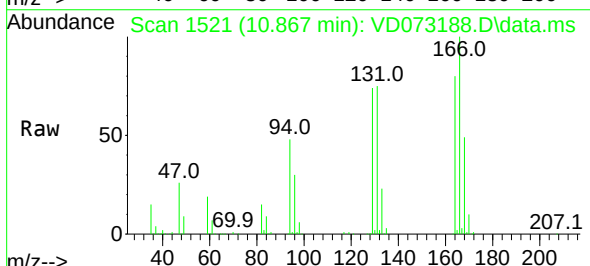
Ion Ratio Lower Upper

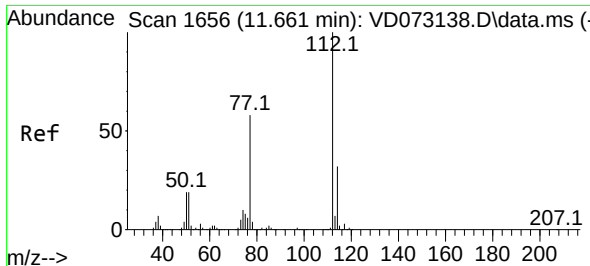
164 100

166 125.6 98.5 147.7

129 93.1 74.6 111.8

131 93.9 72.0 108.0

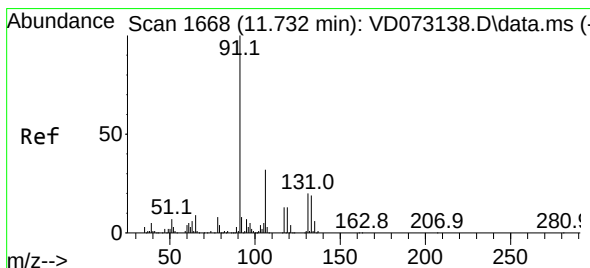
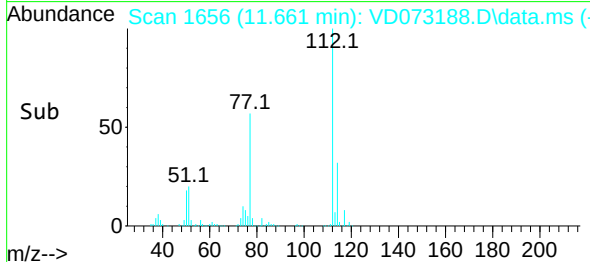
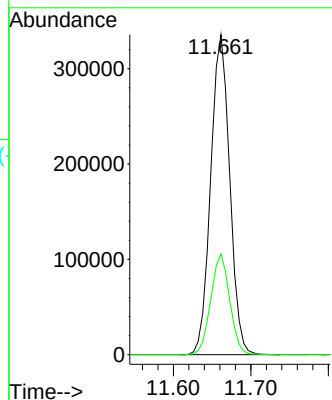
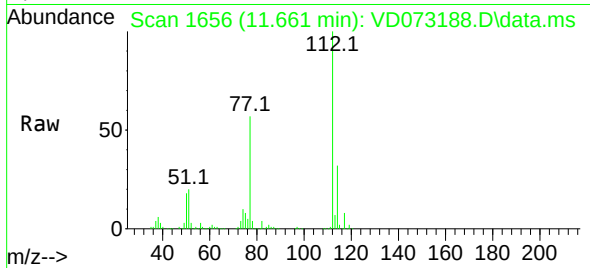




#65
Chlorobenzene
Concen: 50.241 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

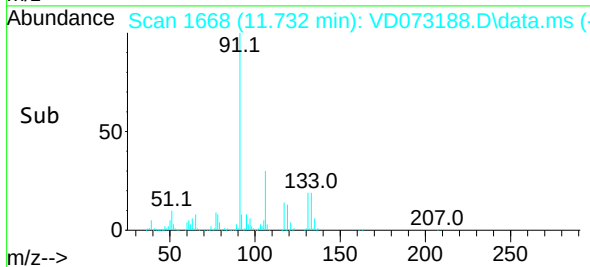
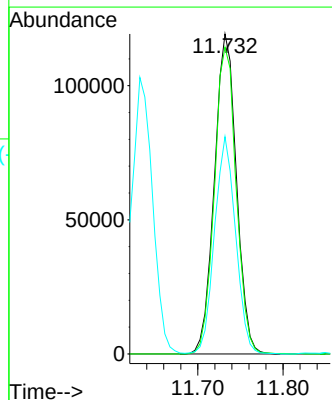
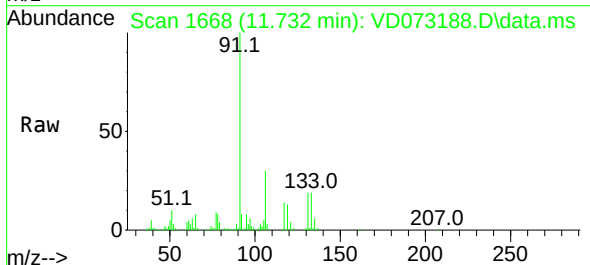
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

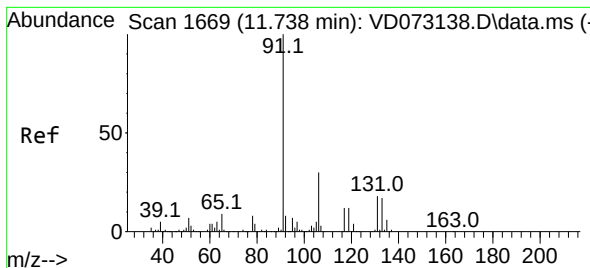
Tgt Ion:112 Resp: 572541
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 50.695 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:131 Resp: 214257
Ion Ratio Lower Upper
131 100
133 95.0 48.1 144.3
119 65.0 31.9 95.9





#67

Ethyl Benzene

Concen: 51.690 ug/l

RT: 11.732 min Scan# 1

Delta R.T. -0.006 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

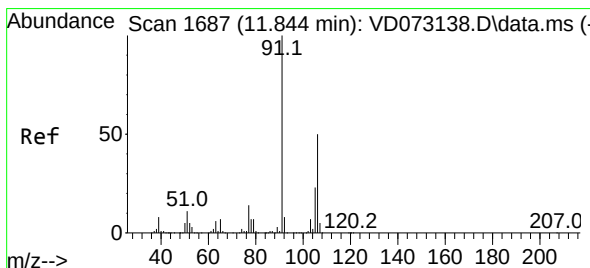
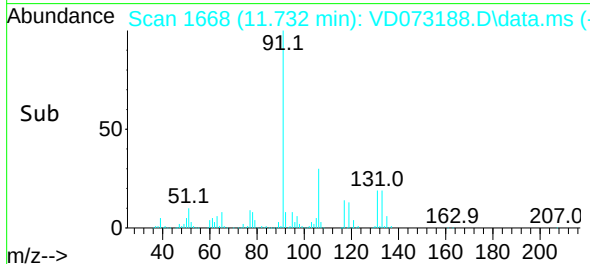
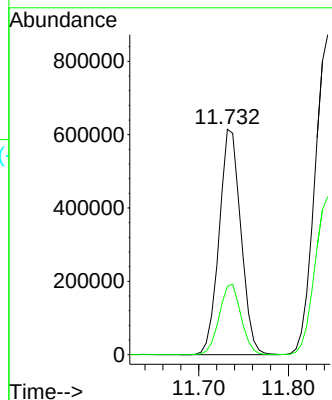
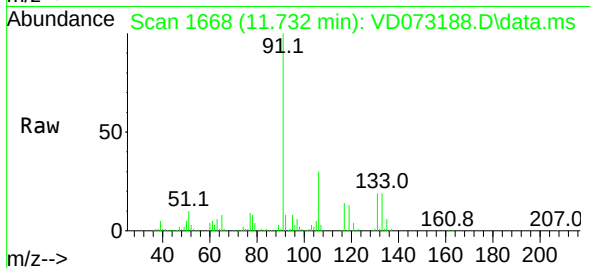
VSTDCCC050

Tgt Ion: 91 Resp: 1034072

Ion Ratio Lower Upper

91 100

106 30.4 24.2 36.4



#68

m/p-Xylenes

Concen: 104.511 ug/l

RT: 11.844 min Scan# 1687

Delta R.T. -0.000 min

Lab File: VD073188.D

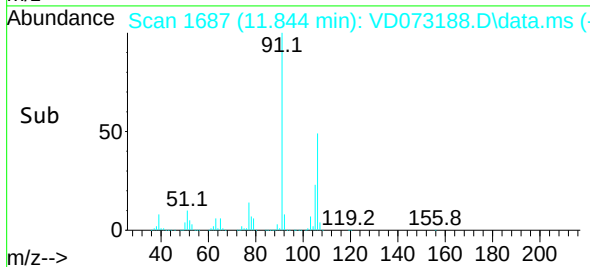
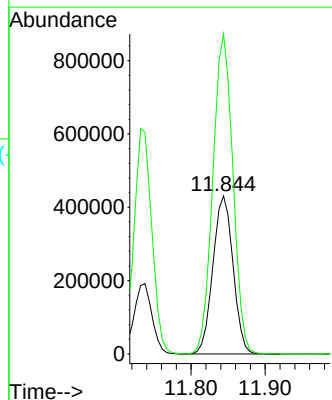
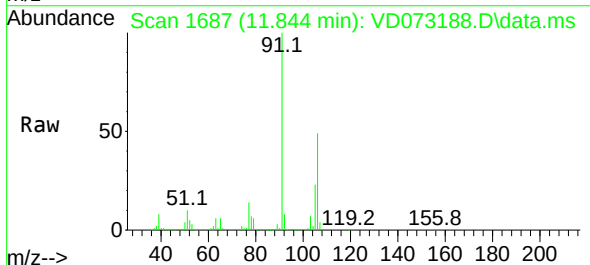
Acq: 20 May 2022 17:00

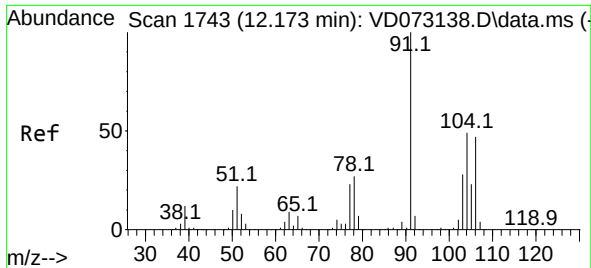
Tgt Ion:106 Resp: 812290

Ion Ratio Lower Upper

106 100

91 201.9 163.7 245.5

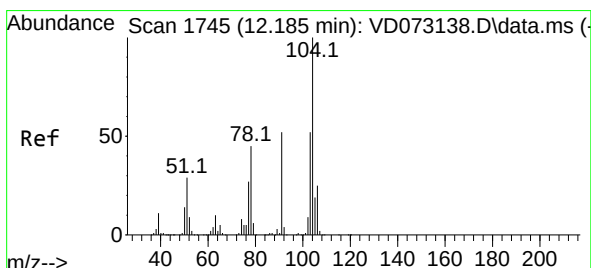
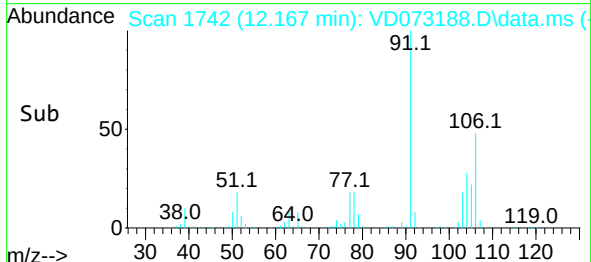
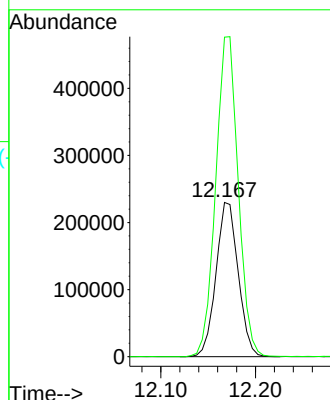
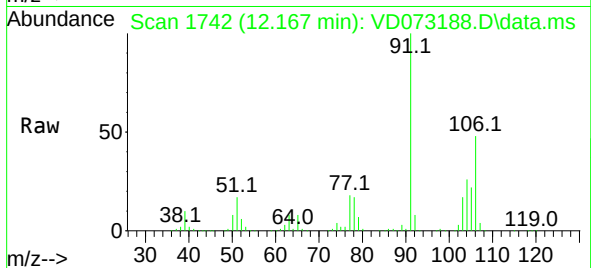




#69
o-Xylene
Concen: 52.466 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

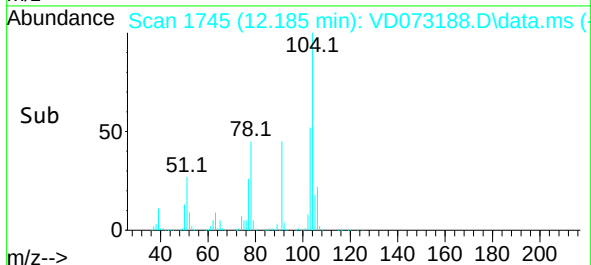
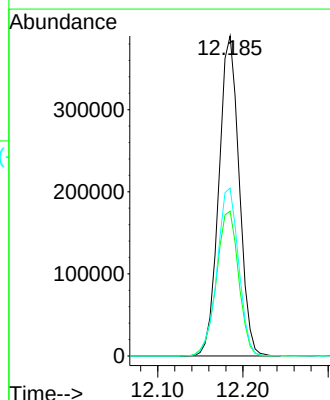
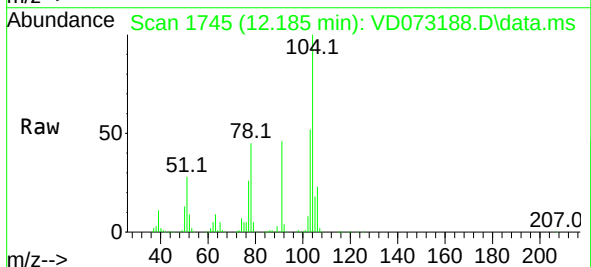
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

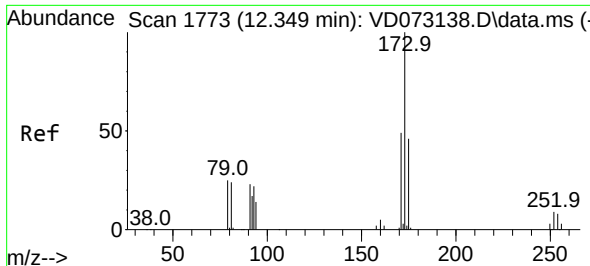
Tgt Ion:106 Resp: 374610
Ion Ratio Lower Upper
106 100
91 210.7 110.4 331.2



#70
Styrene
Concen: 52.523 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:104 Resp: 645201
Ion Ratio Lower Upper
104 100
78 49.4 41.8 62.8
103 55.7 44.2 66.4

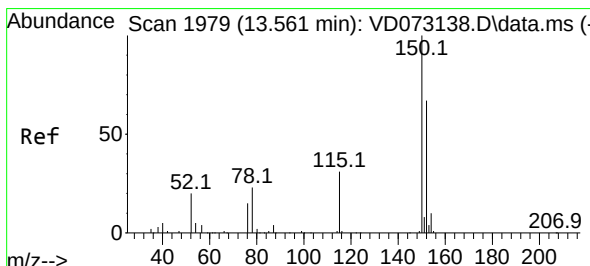
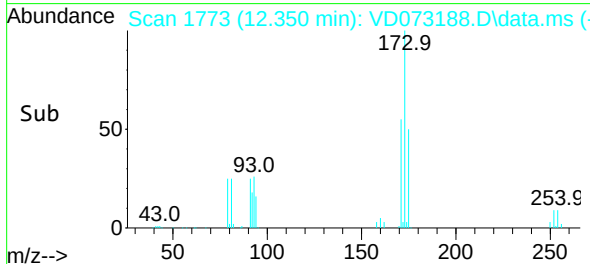
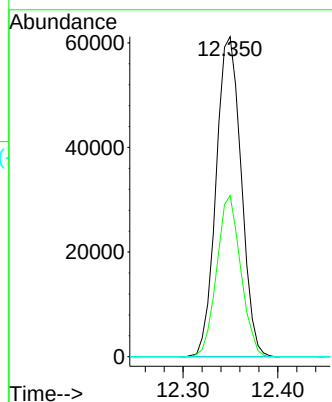
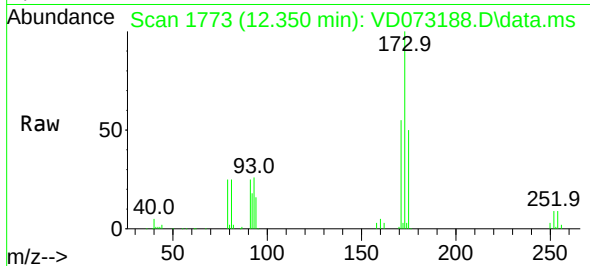




#71
Bromoform
Concen: 51.668 ug/l
RT: 12.350 min Scan# 1773
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

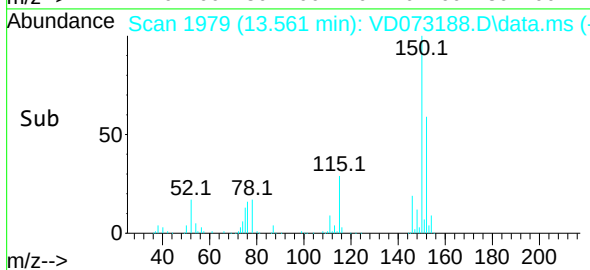
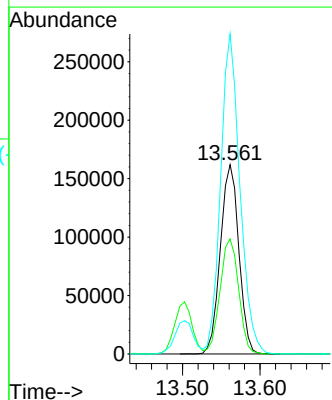
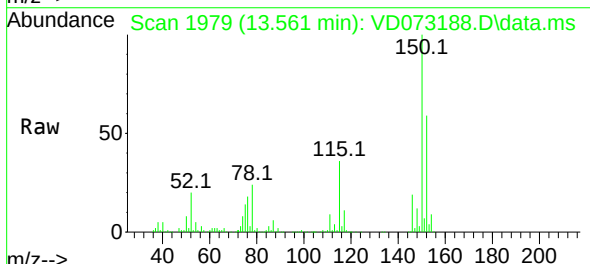
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

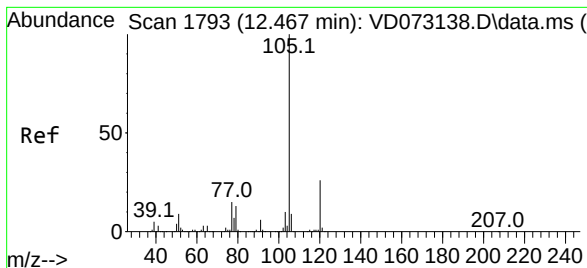
Tgt Ion:173 Resp: 112388
Ion Ratio Lower Upper
173 100
175 48.2 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:152 Resp: 268563
Ion Ratio Lower Upper
152 100
115 61.2 31.3 93.8
150 176.6 0.0 348.6





#73

Isopropylbenzene

Concen: 52.469 ug/l

RT: 12.467 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

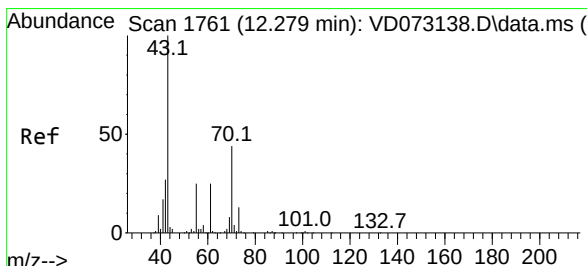
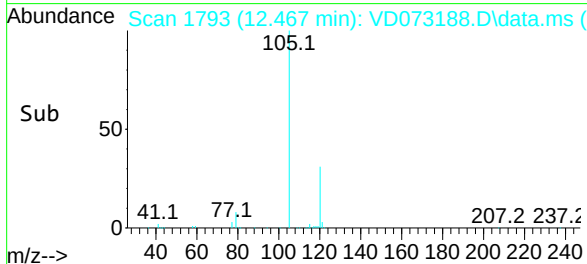
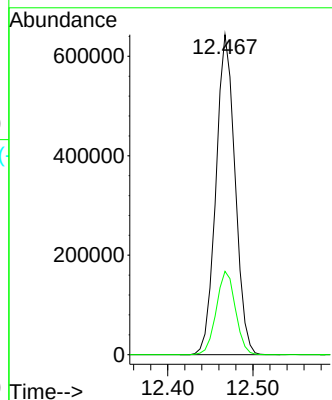
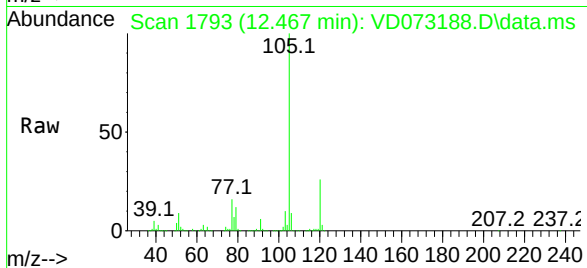
VSTDCCC050

Tgt Ion:105 Resp: 1004550

Ion Ratio Lower Upper

105 100

120 26.1 13.0 38.9



#74

N-ethyl acetate

Concen: 50.647 ug/l

RT: 12.279 min Scan# 1761

Delta R.T. -0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Tgt Ion: 43 Resp: 211534

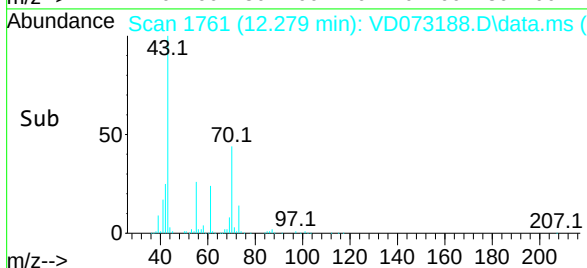
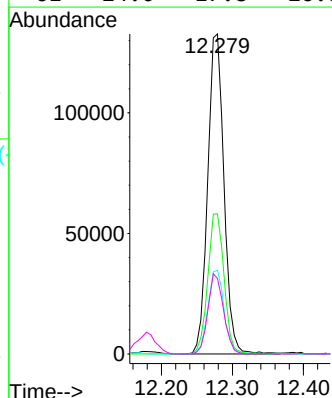
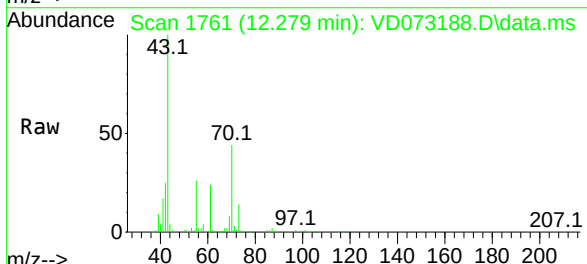
Ion Ratio Lower Upper

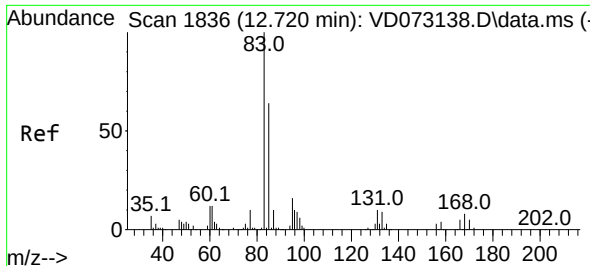
43 100

70 43.9 31.3 46.9

55 26.1 20.0 30.0

61 24.0 17.8 26.8

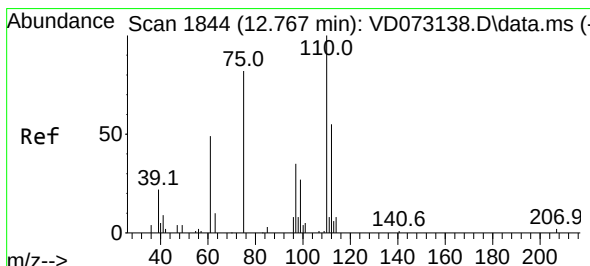
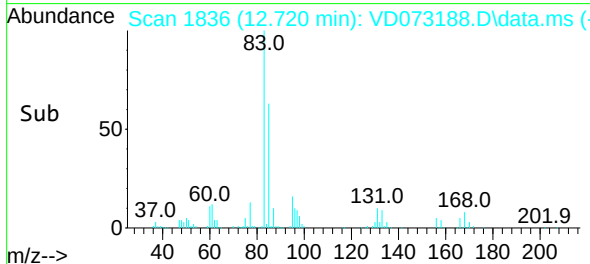
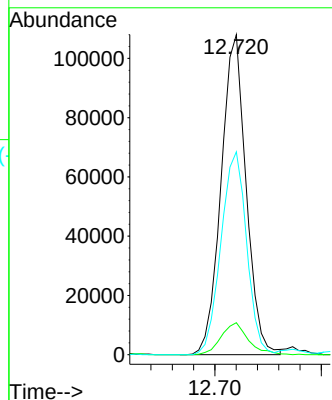
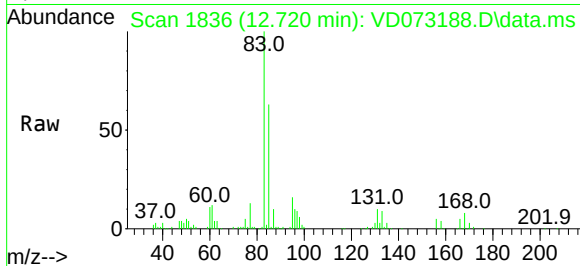




#75
 1,1,2,2-Tetrachloroethane
 Concen: 49.849 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

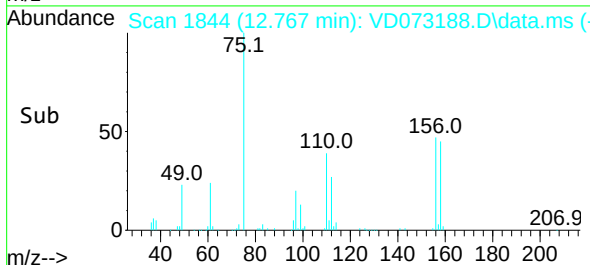
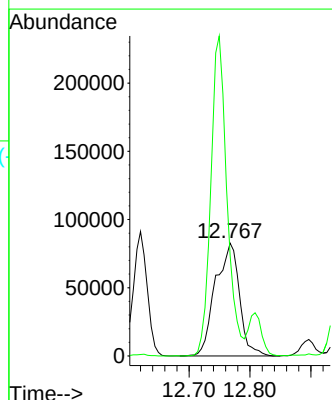
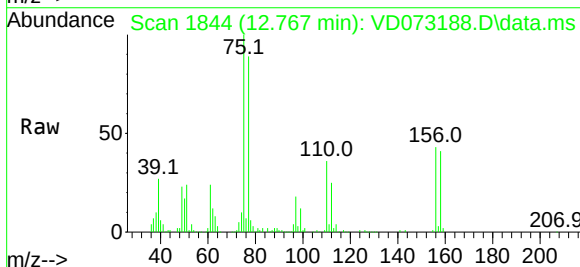
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

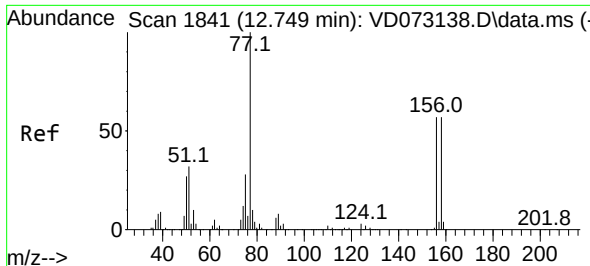
Tgt Ion: 83 Resp: 176019
 Ion Ratio Lower Upper
 83 100
 131 10.9 5.0 14.9
 85 65.0 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 86.176 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion: 75 Resp: 227079
 Ion Ratio Lower Upper
 75 100
 77 191.0 0.0 0.0#

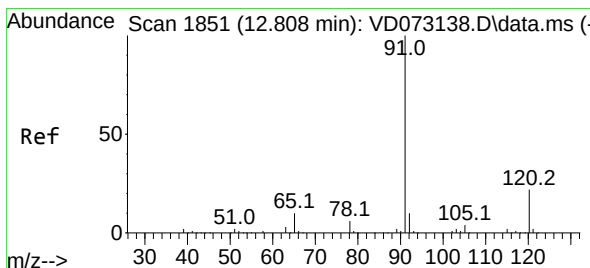
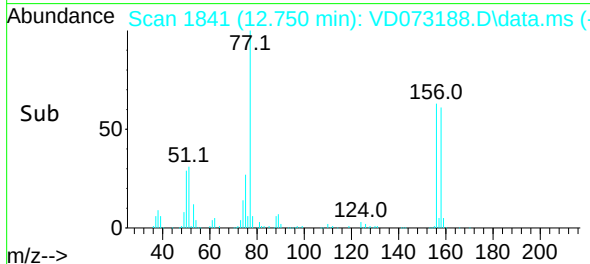
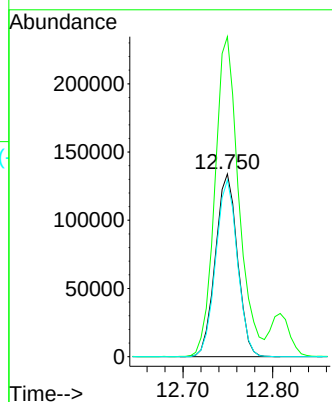
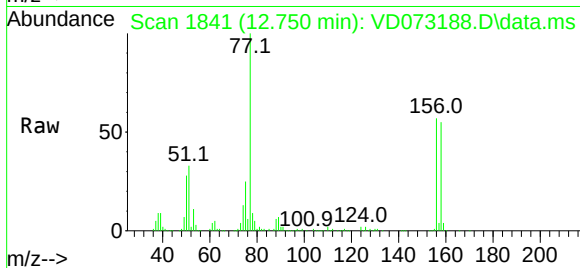




#77
Bromobenzene
Concen: 50.573 ug/l
RT: 12.750 min Scan# 1841
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

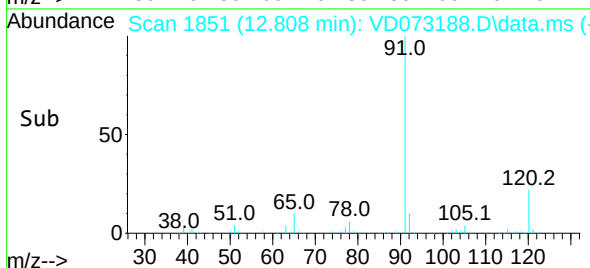
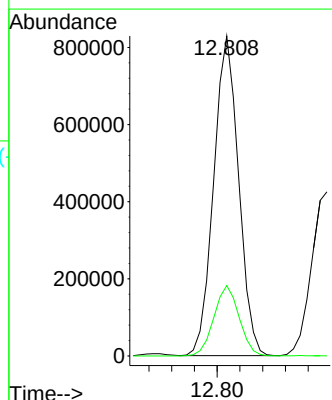
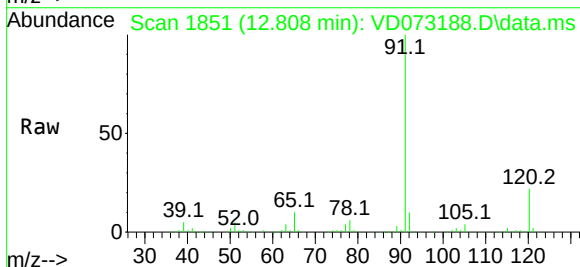
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

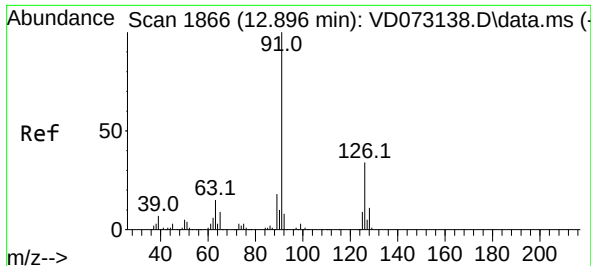
Tgt Ion:156 Resp: 227928
Ion Ratio Lower Upper
156 100
77 190.3 102.8 308.3
158 95.6 48.7 146.1



#78
n-propylbenzene
Concen: 52.508 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 91 Resp: 1262068
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

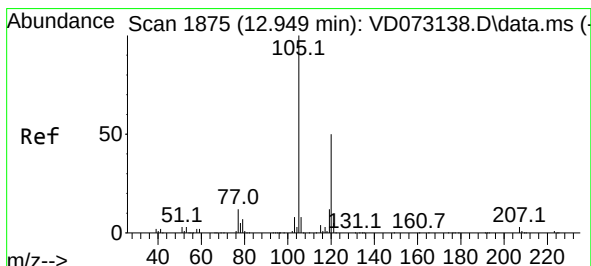
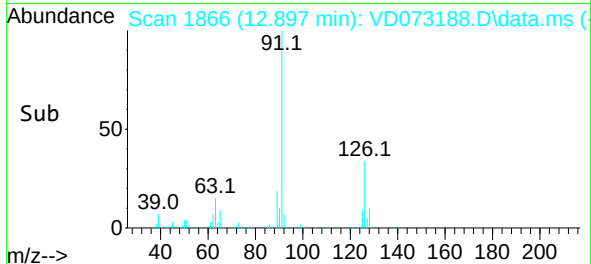
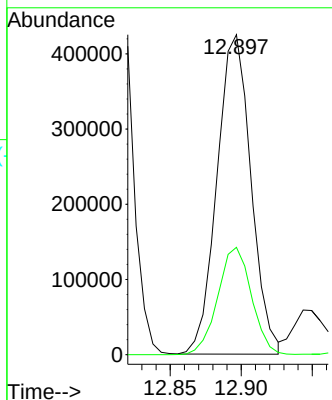
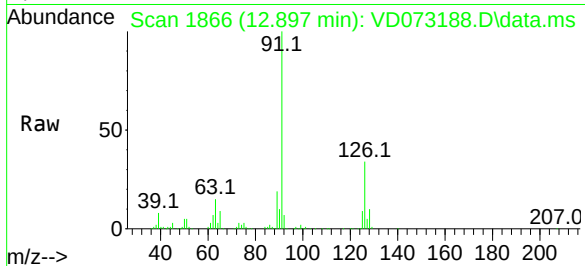




#79
2-Chlorotoluene
Concen: 51.012 ug/l
RT: 12.897 min Scan# 1866
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

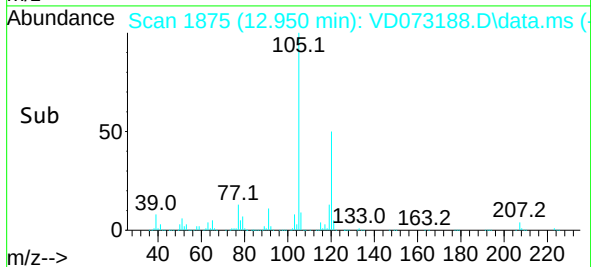
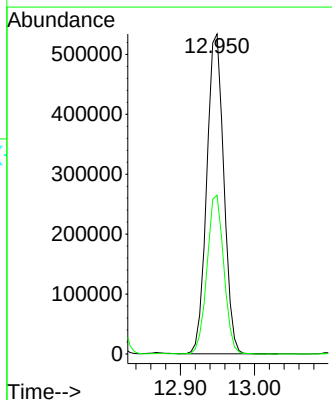
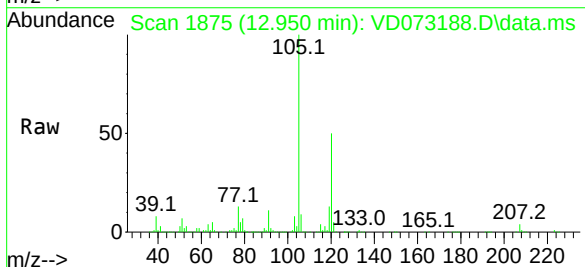
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

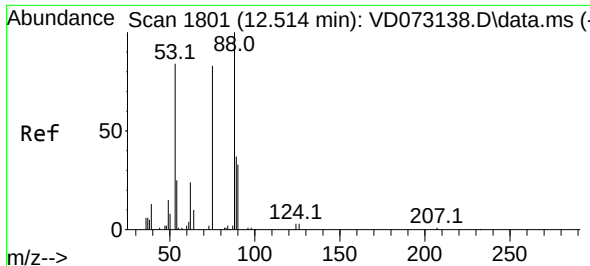
Tgt Ion: 91 Resp: 707942
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 52.496 ug/l
RT: 12.950 min Scan# 1875
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 105 Resp: 851391
Ion Ratio Lower Upper
105 100
120 49.0 24.3 72.8

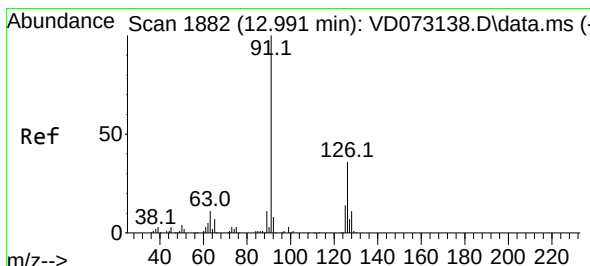
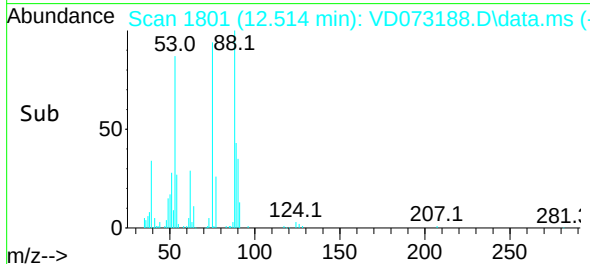
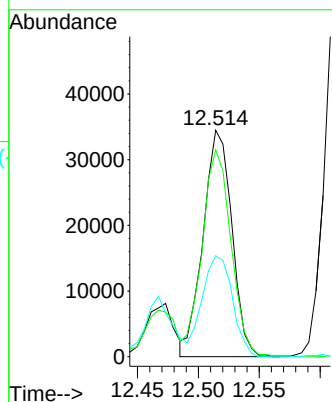
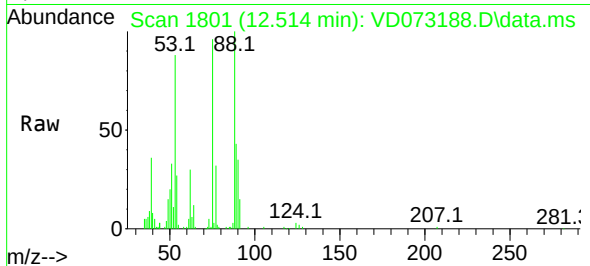




#81
trans-1,4-Dichloro-2-butene
Concen: 51.588 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

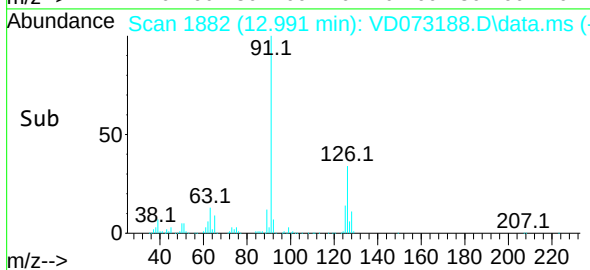
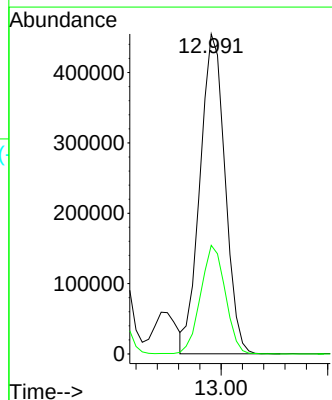
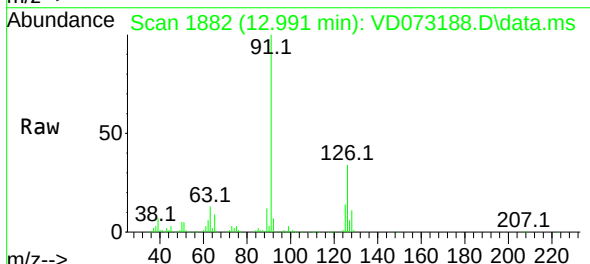
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

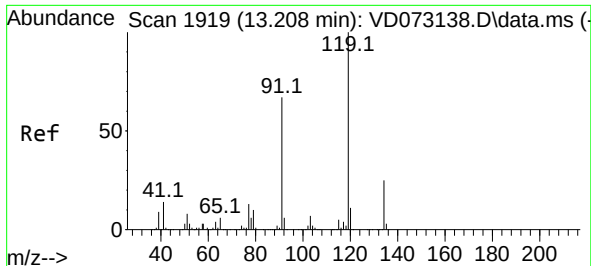
Tgt Ion: 75 Resp: 56624
Ion Ratio Lower Upper
75 100
53 92.5 86.5 129.7
89 46.6 33.9 50.9



#82
4-Chlorotoluene
Concen: 50.958 ug/l
RT: 12.991 min Scan# 1882
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 91 Resp: 741258
Ion Ratio Lower Upper
91 100
126 33.7 16.5 49.5

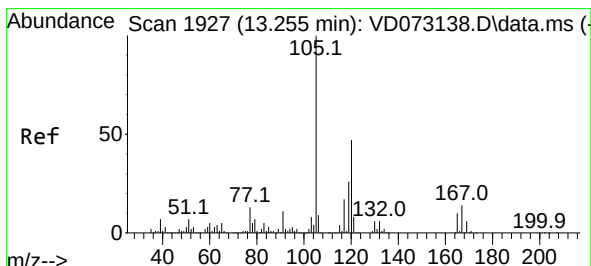
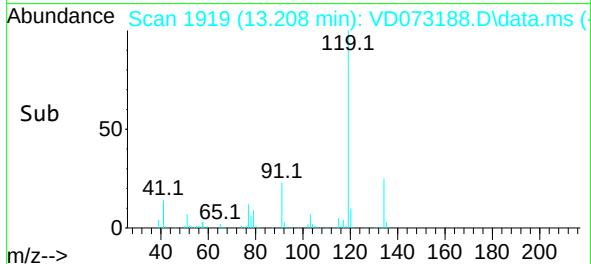
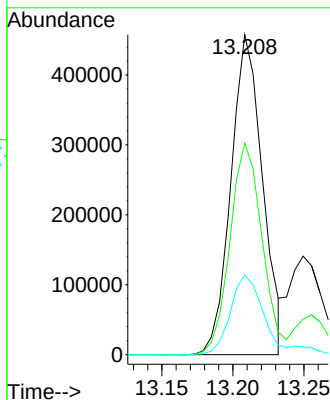
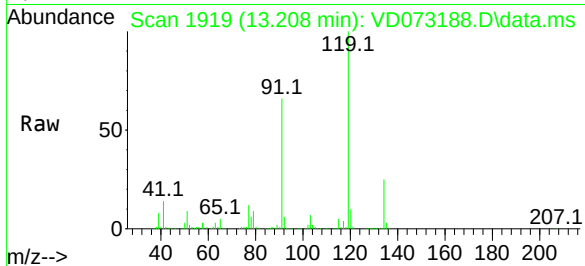




#83
tert-Butylbenzene
Concen: 51.743 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

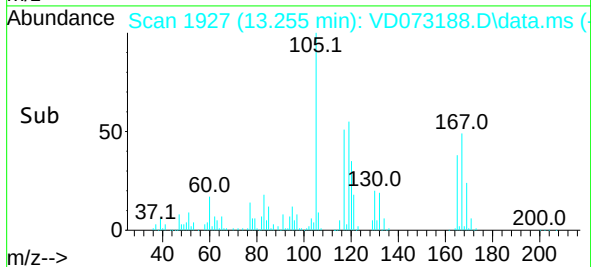
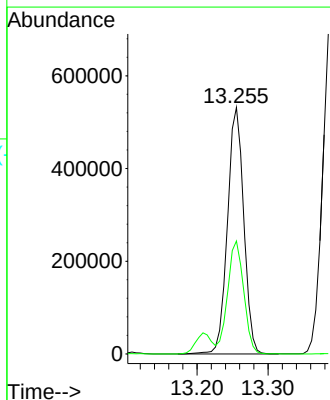
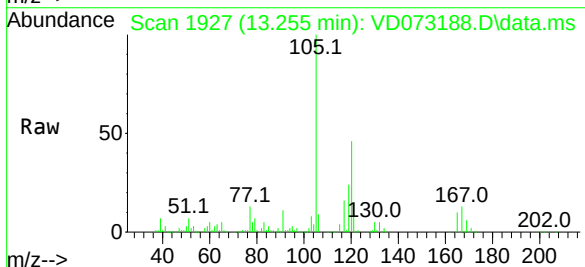
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

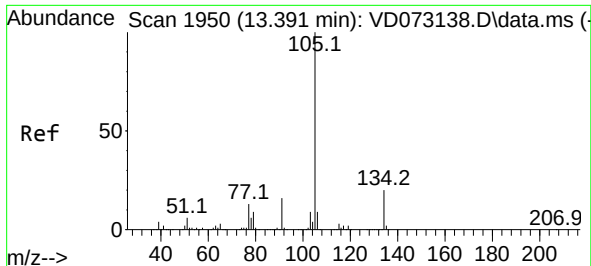
Tgt Ion:119 Resp: 707256
Ion Ratio Lower Upper
119 100
91 67.3 34.8 104.5
134 27.5 13.3 39.9



#84
1,2,4-Trimethylbenzene
Concen: 52.740 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:105 Resp: 845010
Ion Ratio Lower Upper
105 100
120 45.4 22.3 66.8

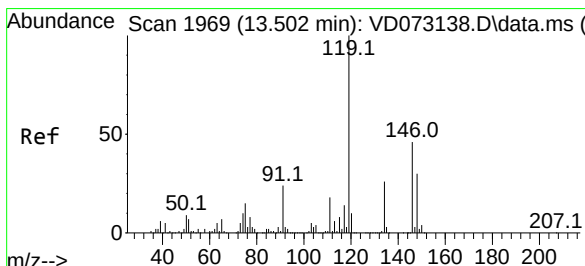
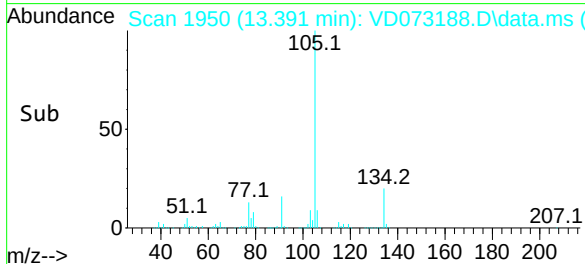
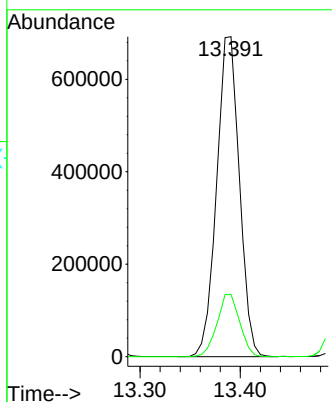
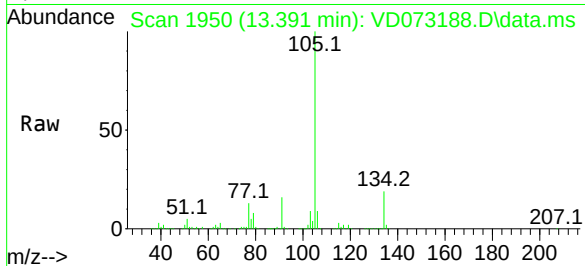




#85
 sec-Butylbenzene
 Concen: 52.342 ug/l
 RT: 13.391 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

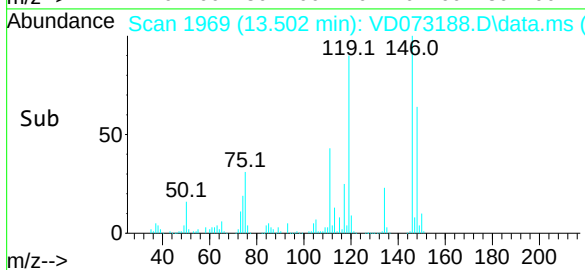
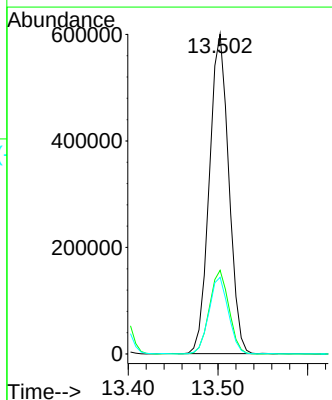
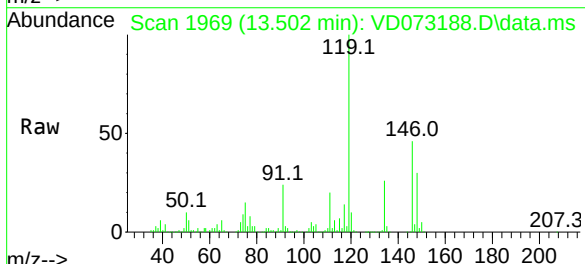
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

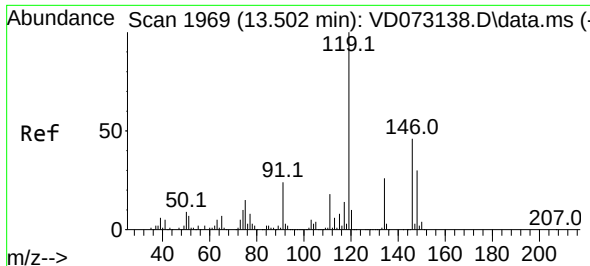
Tgt Ion:105 Resp: 1092424
 Ion Ratio Lower Upper
 105 100
 134 19.4 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 53.077 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion:119 Resp: 903016
 Ion Ratio Lower Upper
 119 100
 134 26.3 12.9 38.6
 91 23.9 12.1 36.3

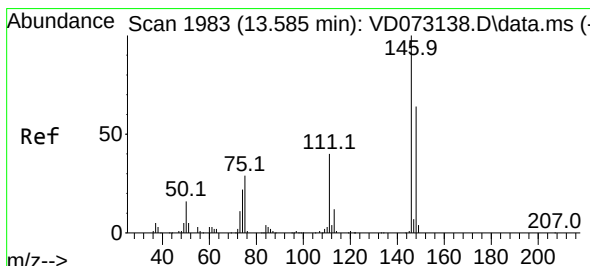
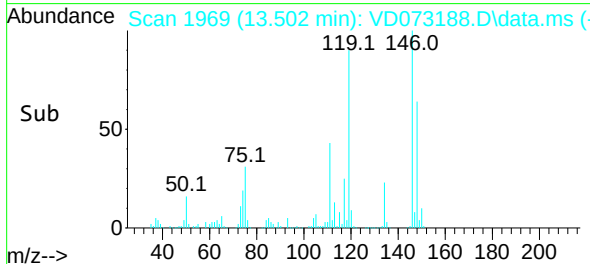
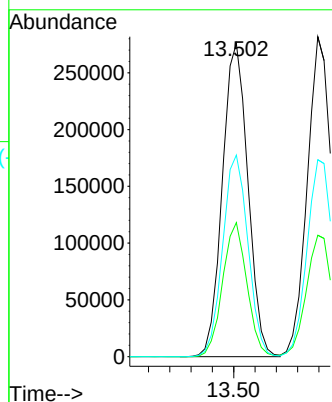
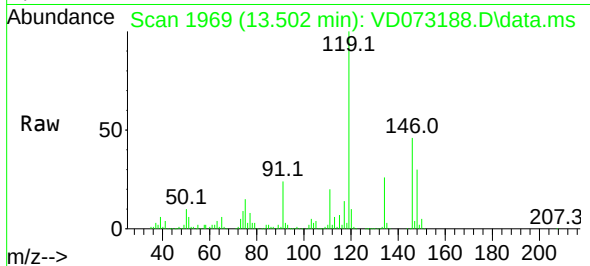




#87
1,3-Dichlorobenzene
Concen: 50.453 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

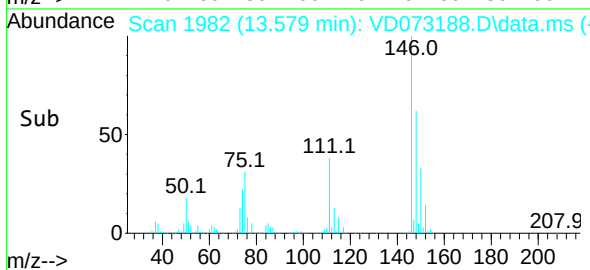
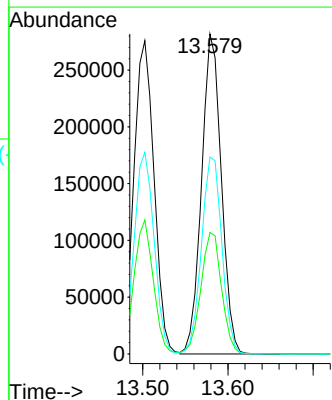
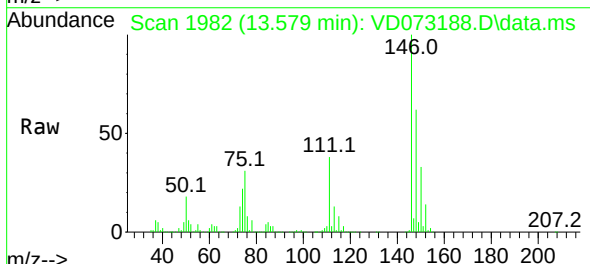
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

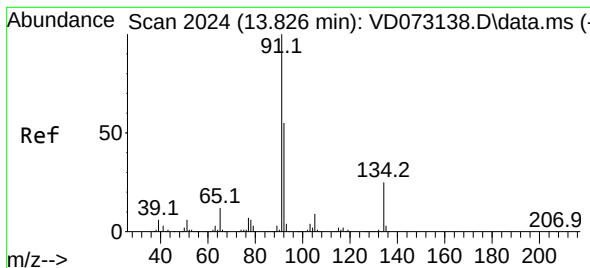
Tgt Ion:146 Resp: 458335
Ion Ratio Lower Upper
146 100
111 40.8 20.4 61.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 49.524 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:146 Resp: 454140
Ion Ratio Lower Upper
146 100
111 39.7 20.3 60.9
148 63.8 31.7 95.1





#89

n-Butylbenzene

Concen: 53.924 ug/l

RT: 13.826 min Scan# 2024

Delta R.T. -0.000 min

Lab File: VD073188.D

Acq: 20 May 2022 17:00

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050

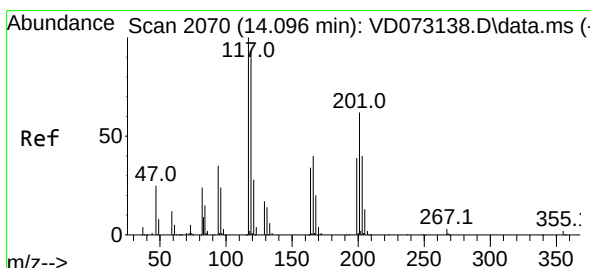
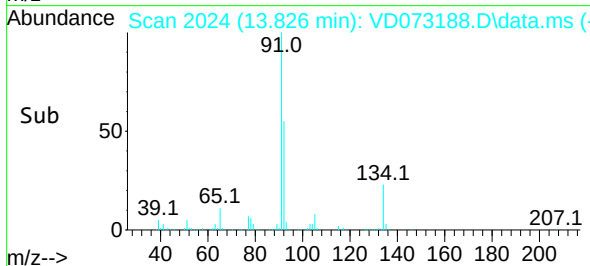
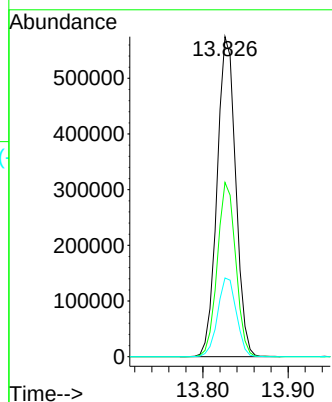
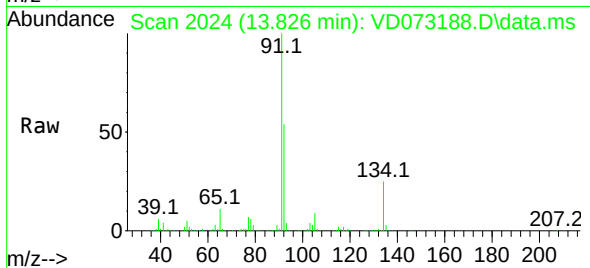
Tgt Ion: 91 Resp: 874128

Ion Ratio Lower Upper

91 100

92 53.7 26.6 79.8

134 24.7 12.3 36.9



#90

Hexachloroethane

Concen: 50.409 ug/l

RT: 14.097 min Scan# 2070

Delta R.T. 0.001 min

Lab File: VD073188.D

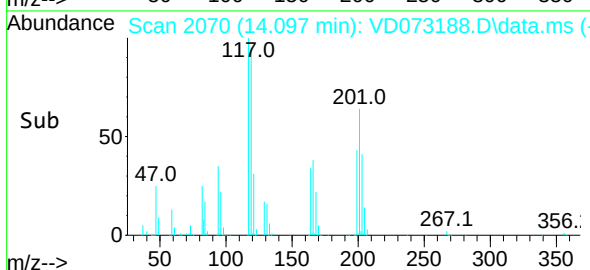
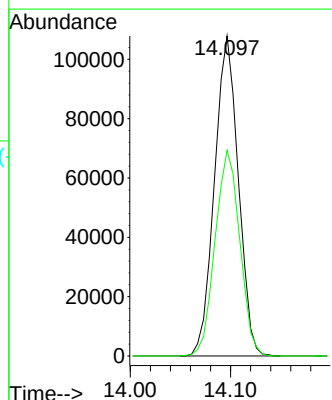
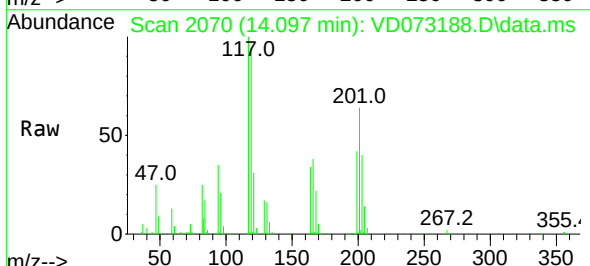
Acq: 20 May 2022 17:00

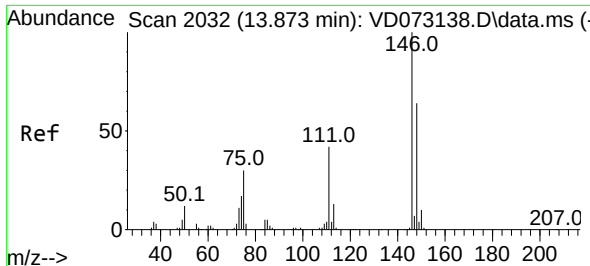
Tgt Ion: 117 Resp: 177456

Ion Ratio Lower Upper

117 100

201 66.5 33.4 100.2

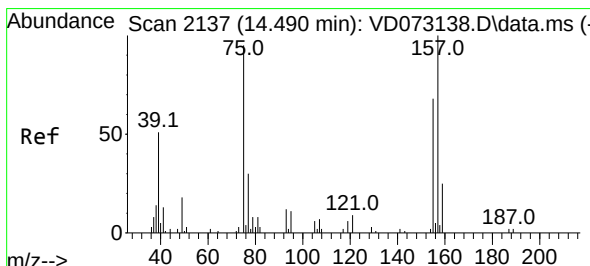
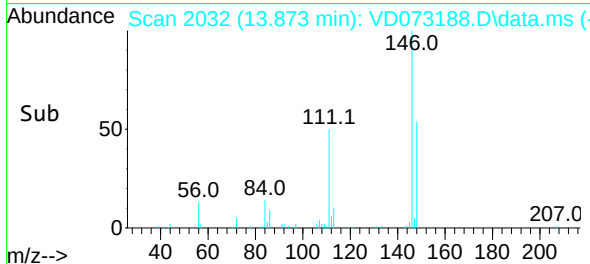
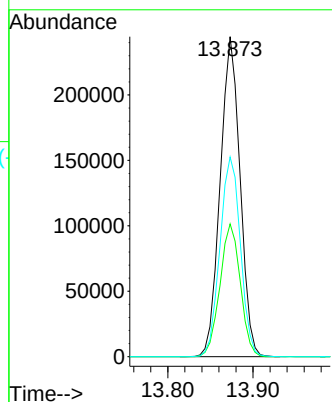
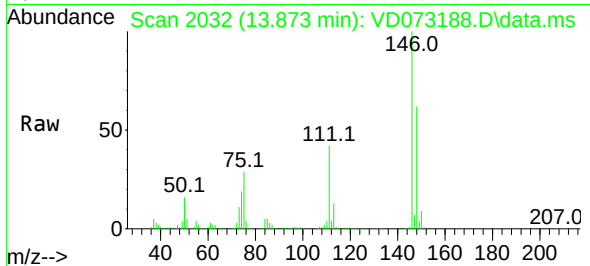




#91
1,2-Dichlorobenzene
Concen: 50.404 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

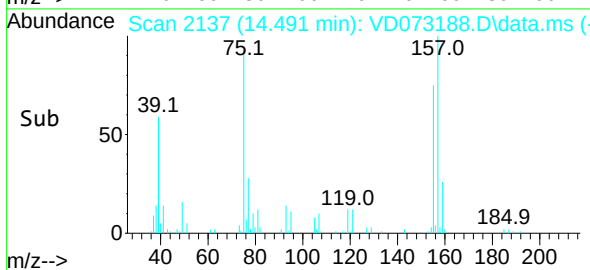
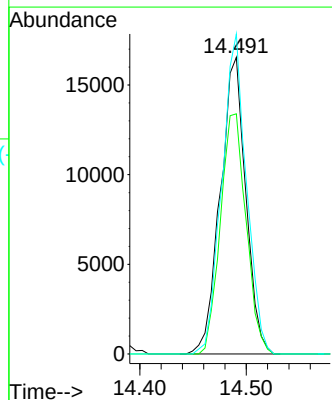
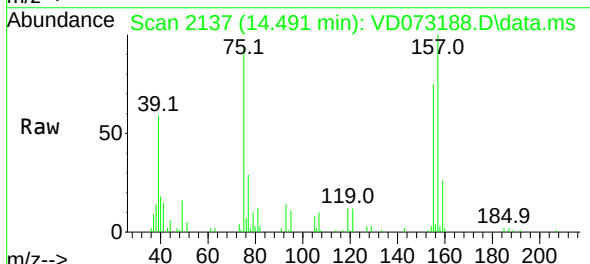
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

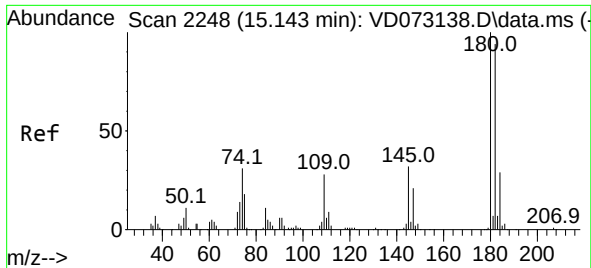
Tgt Ion:146 Resp: 396177
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 64.2 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 50.911 ug/l
RT: 14.491 min Scan# 2137
Delta R.T. 0.001 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion: 75 Resp: 27530
Ion Ratio Lower Upper
75 100
155 81.3 36.8 110.3
157 103.8 48.4 145.0

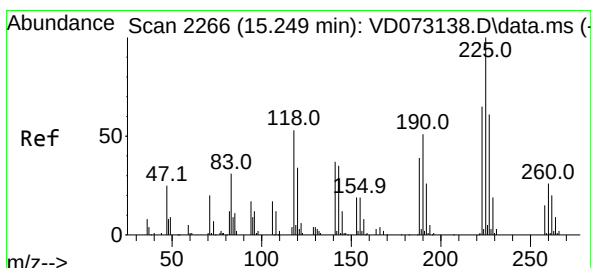
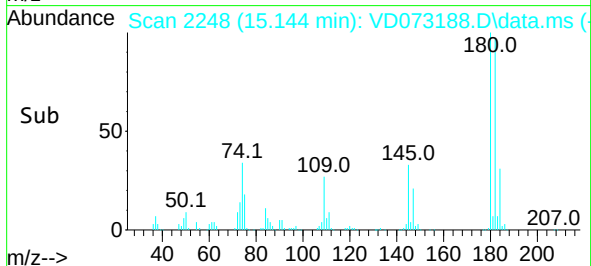
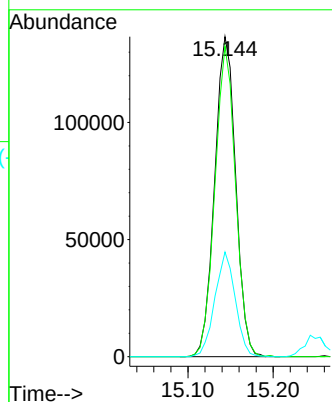
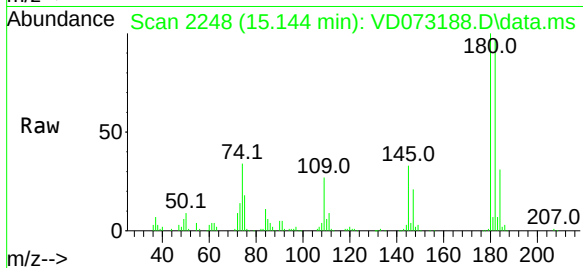




#93
 1,2,4-Trichlorobenzene
 Concen: 52.525 ug/l
 RT: 15.144 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

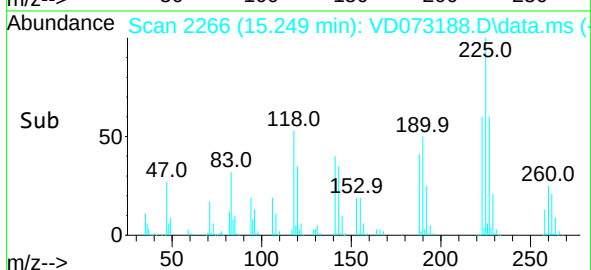
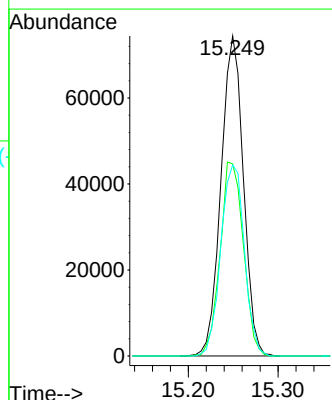
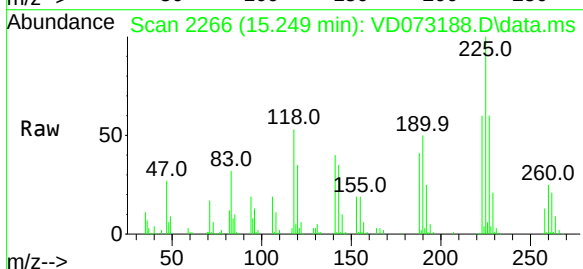
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

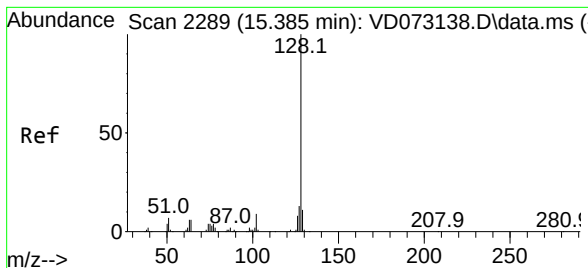
Tgt Ion:180 Resp: 234384
 Ion Ratio Lower Upper
 180 100
 182 95.3 47.3 142.0
 145 31.7 16.2 48.5



#94
 Hexachlorobutadiene
 Concen: 51.183 ug/l
 RT: 15.249 min Scan# 2266
 Delta R.T. 0.000 min
 Lab File: VD073188.D
 Acq: 20 May 2022 17:00

Tgt Ion:225 Resp: 128704
 Ion Ratio Lower Upper
 225 100
 223 63.1 31.1 93.2
 227 62.9 32.4 97.0

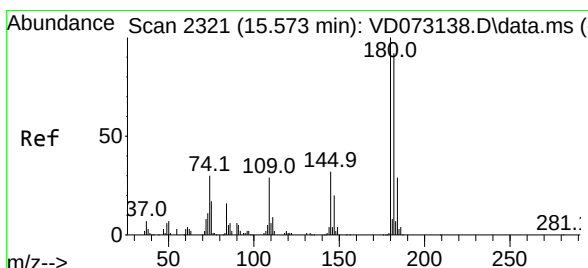
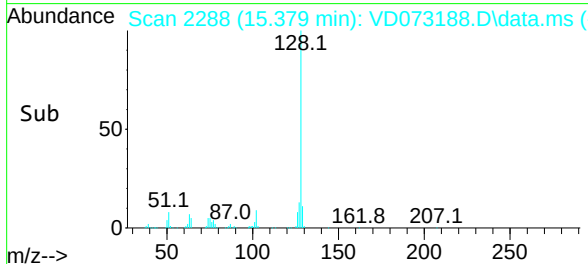
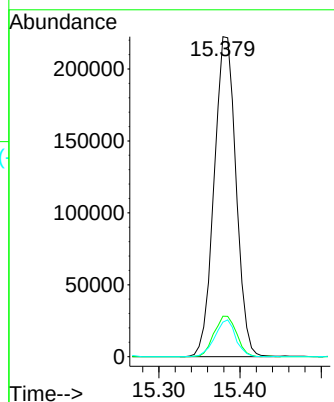
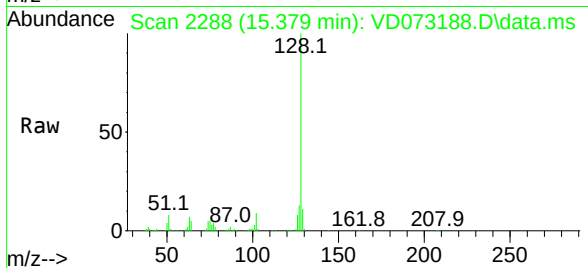




#95
Naphthalene
Concen: 47.621 ug/l
RT: 15.379 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050

Tgt Ion:128 Resp: 416922
Ion Ratio Lower Upper
128 100
127 13.0 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 51.442 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.000 min
Lab File: VD073188.D
Acq: 20 May 2022 17:00

Tgt Ion:180 Resp: 203504
Ion Ratio Lower Upper
180 100
182 95.4 47.6 142.9
145 34.4 17.1 51.3

