

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD052522\
 Data File : VD073378.D
 Acq On : 25 May 2022 23:36
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 26 02:28:06 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	296928	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	492765	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	487044	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	245308	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	165250	50.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.720%	
35) Dibromofluoromethane	7.908	113	172194	52.957	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.920%	
50) Toluene-d8	10.332	98	629215	52.495	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.000%	
62) 4-Bromofluorobenzene	12.620	95	234587	55.769	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.540%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	165009	55.615	ug/l	98
3) Chloromethane	2.208	50	164760	49.109	ug/l	100
4) Vinyl Chloride	2.350	62	151372	49.342	ug/l	100
5) Bromomethane	2.761	94	107557	55.100	ug/l	94
6) Chloroethane	2.914	64	94470	50.092	ug/l	97
7) Trichlorofluoromethane	3.267	101	265205	48.889	ug/l	99
8) Diethyl Ether	3.708	74	78822	52.879	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.091	101	154259	47.660	ug/l	96
10) Methyl Iodide	4.297	142	172439	49.381	ug/l	99
11) Tert butyl alcohol	5.232	59	44535	87.474	ug/l #	74
12) 1,1-Dichloroethene	4.061	96	152353	51.056	ug/l	86
13) Acrolein	3.920	56	47420	234.773	ug/l	96
14) Allyl chloride	4.714	41	236980	49.199	ug/l #	91
15) Acrylonitrile	5.414	53	184405	270.542	ug/l	97
16) Acetone	4.155	43	136408	239.992	ug/l	94
17) Carbon Disulfide	4.408	76	510200	51.576	ug/l	98
18) Methyl Acetate	4.714	43	84519	53.476	ug/l	91
19) Methyl tert-butyl Ether	5.473	73	357807	52.633	ug/l	98
20) Methylene Chloride	4.961	84	203180	56.909	ug/l	90
21) trans-1,2-Dichloroethene	5.467	96	184487	51.133	ug/l	91
22) Diisopropyl ether	6.361	45	519371	51.437	ug/l	93
23) Vinyl Acetate	6.302	43	1438489	267.084	ug/l #	93
24) 1,1-Dichloroethane	6.261	63	321082	49.540	ug/l	97
25) 2-Butanone	7.208	43	219017	263.378	ug/l	96
26) 2,2-Dichloropropane	7.202	77	243734	44.097	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	202773	50.792	ug/l	90
28) Bromochloromethane	7.543	49	115225	51.604	ug/l #	81
29) Tetrahydrofuran	7.561	42	149364	277.780	ug/l	92
30) Chloroform	7.708	83	344575	50.924	ug/l	98
31) Cyclohexane	7.979	56	256234	44.683	ug/l	95
32) 1,1,1-Trichloroethane	7.896	97	285414	48.228	ug/l	95
36) 1,1-Dichloropropene	8.108	75	248952	50.907	ug/l	97
37) Ethyl Acetate	7.290	43	103526	53.595	ug/l #	95
38) Carbon Tetrachloride	8.090	117	252184	50.872	ug/l	98
39) Methylcyclohexane	9.349	83	272545	50.008	ug/l	96
40) Benzene	8.343	78	735464	52.183	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	50307	44.700	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	205804	52.479	ug/l	95
43) Isopropyl Acetate	8.449	43	191094	53.522	ug/l #	90
44) Trichloroethene	9.108	130	190764	50.757	ug/l	91
45) 1,2-Dichloropropane	9.379	63	182913	51.533	ug/l	96
46) Dibromomethane	9.467	93	104380	53.545	ug/l	97
47) Bromodichloromethane	9.655	83	261608	52.448	ug/l	99
48) Methyl methacrylate	9.449	41	98147	54.638	ug/l #	86
49) 1,4-Dioxane	9.455	88	23596	1172.093	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	522955	282.008	ug/l	92
52) Toluene	10.396	92	482660	54.193	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	235030	52.157	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	278948	51.729	ug/l #	85
55) 1,1,2-Trichloroethane	10.790	97	142796	54.169	ug/l	96
56) Ethyl methacrylate	10.655	69	168700	57.559	ug/l #	84
57) 1,3-Dichloropropane	10.937	76	244384	55.251	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	390360	277.708	ug/l	95
59) 2-Hexanone	10.973	43	358847	293.517	ug/l	95
60) Dibromochloromethane	11.131	129	177226	53.917	ug/l	100
61) 1,2-Dibromoethane	11.237	107	139481	55.372	ug/l	99
64) Tetrachloroethene	10.867	164	156780	49.147	ug/l	97
65) Chlorobenzene	11.661	112	499333	49.975	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.731	131	192386	51.918	ug/l	99
67) Ethyl Benzene	11.737	91	891755	50.841	ug/l	99
68) m/p-Xylenes	11.843	106	708214	103.928	ug/l	98
69) o-Xylene	12.167	106	323368	51.655	ug/l	97
70) Styrene	12.184	104	578140	53.678	ug/l	97
71) Bromoform	12.349	173	103573	54.308	ug/l #	99
73) Isopropylbenzene	12.467	105	846372	48.398	ug/l	99
74) N-amyl acetate	12.278	43	192622	50.491	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	164019	50.854	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	200675	83.375	ug/l #	100
77) Bromobenzene	12.749	156	202196	49.117	ug/l	91
78) n-propylbenzene	12.808	91	1062104	48.377	ug/l	99
79) 2-Chlorotoluene	12.896	91	615594	48.563	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	742976	50.154	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	49032	48.906	ug/l	88
82) 4-Chlorotoluene	12.990	91	656236	49.390	ug/l	98
83) tert-Butylbenzene	13.208	119	611801	49.002	ug/l	95
84) 1,2,4-Trimethylbenzene	13.255	105	734604	50.196	ug/l	99
85) sec-Butylbenzene	13.390	105	910135	47.742	ug/l	99
86) p-Isopropyltoluene	13.502	119	758217	48.791	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	405978	48.926	ug/l	100
88) 1,4-Dichlorobenzene	13.578	146	401792	47.969	ug/l	99
89) n-Butylbenzene	13.825	91	714938	48.284	ug/l	99
90) Hexachloroethane	14.096	117	153033	47.592	ug/l	99
91) 1,2-Dichlorobenzene	13.872	146	355217	49.477	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23957	48.504	ug/l	88
93) 1,2,4-Trichlorobenzene	15.143	180	200031	49.076	ug/l	100
94) Hexachlorobutadiene	15.249	225	106282	46.273	ug/l	97
95) Naphthalene	15.384	128	378823	47.389	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	184125	50.955	ug/l	97

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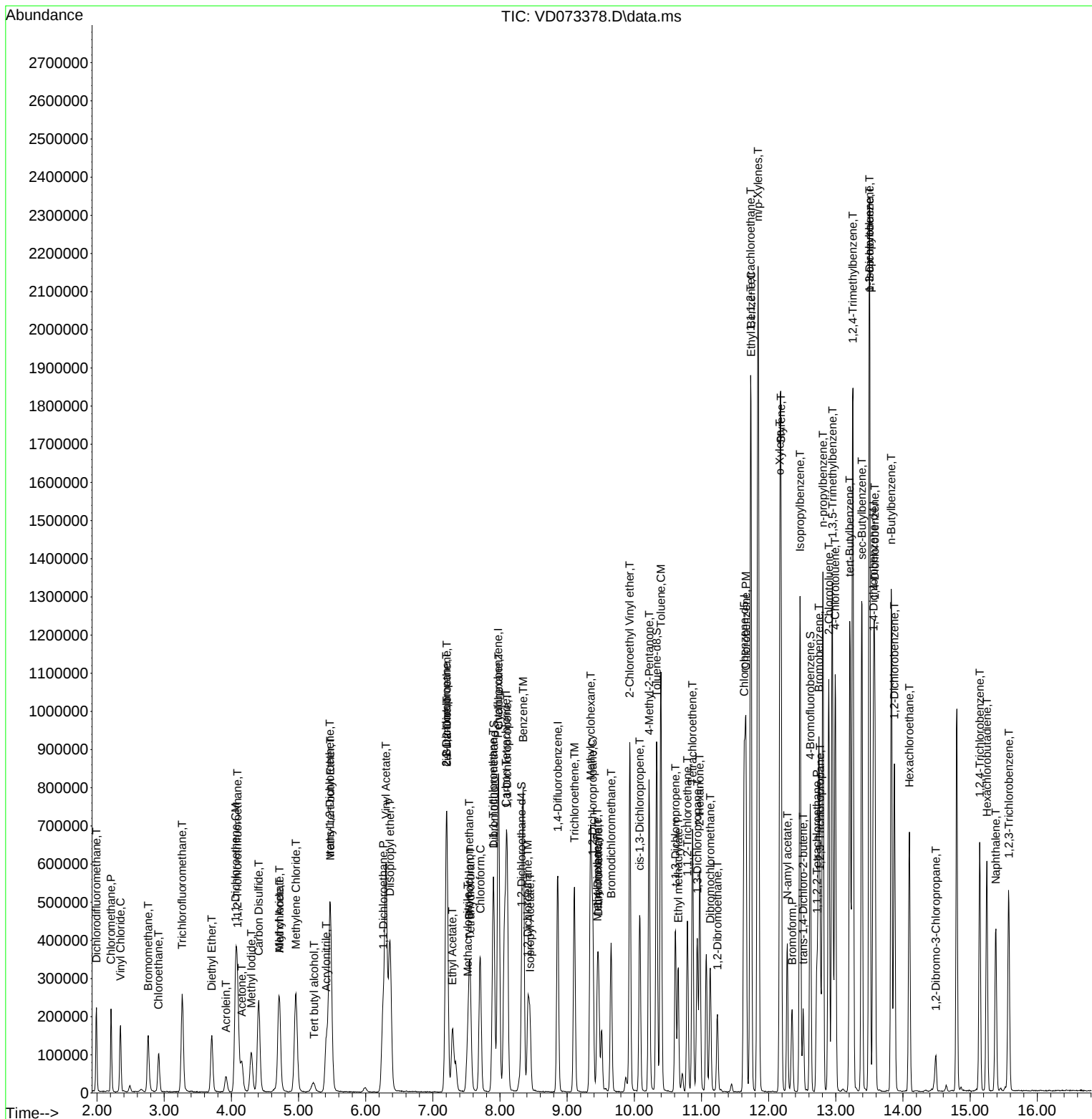
Instrument :
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ClientSampleId :
VSTDCCC050EC

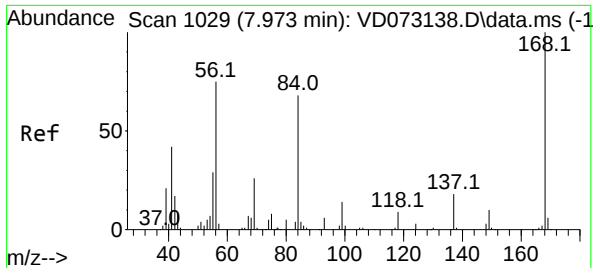
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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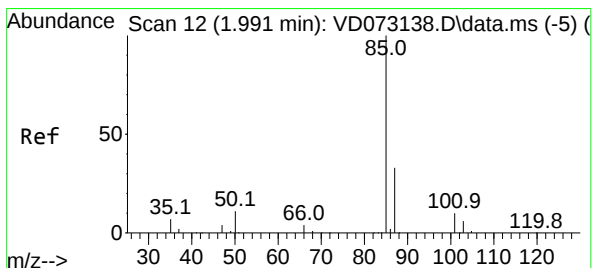
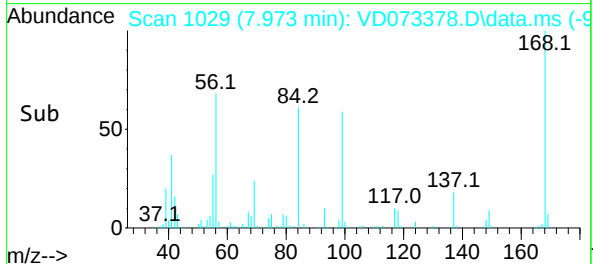
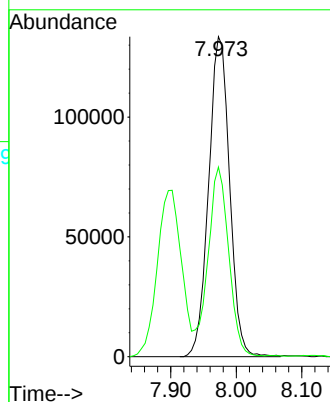
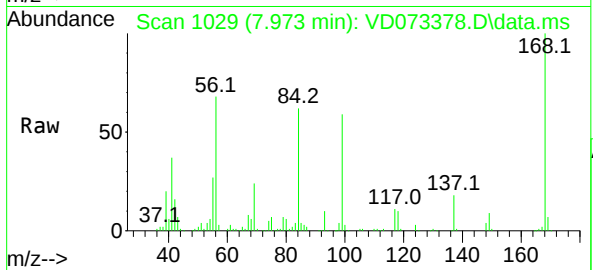




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
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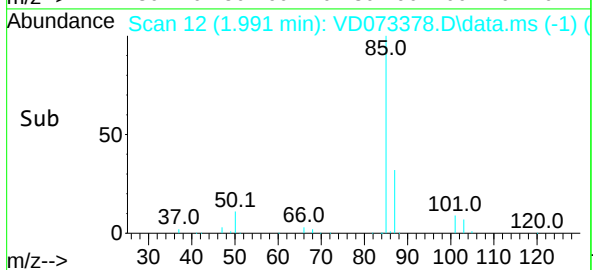
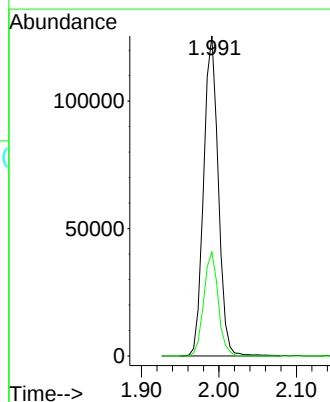
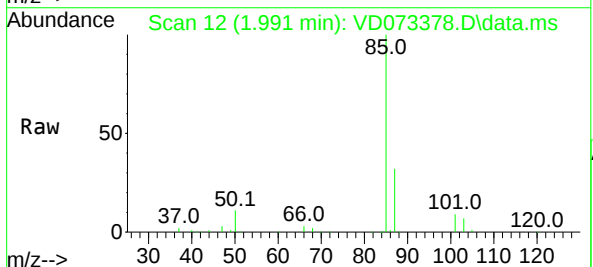
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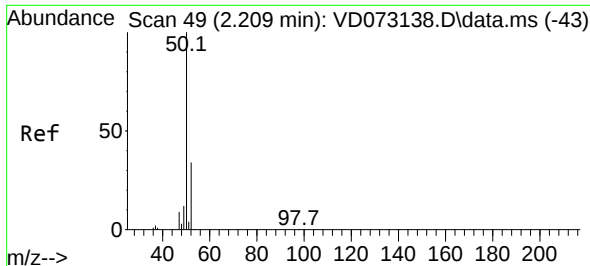
Tgt Ion:168 Resp: 296928
Ion Ratio Lower Upper
168 100
99 59.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 55.615 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 85 Resp: 165009
Ion Ratio Lower Upper
85 100
87 32.5 15.7 47.0

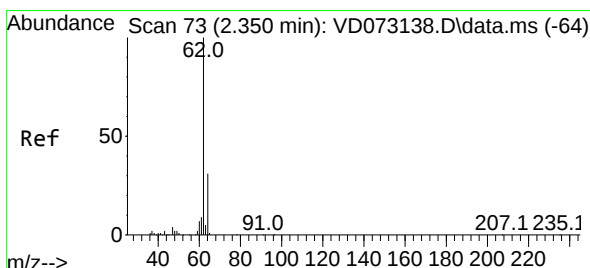
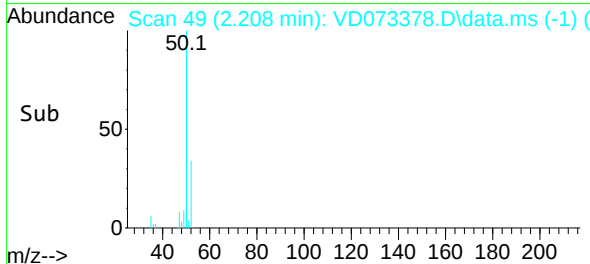
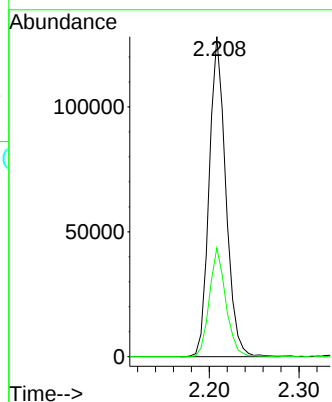
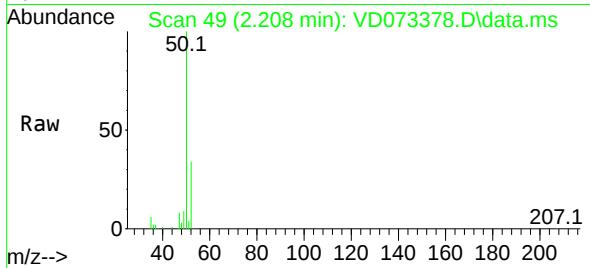




#3
Chloromethane
Concen: 49.109 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

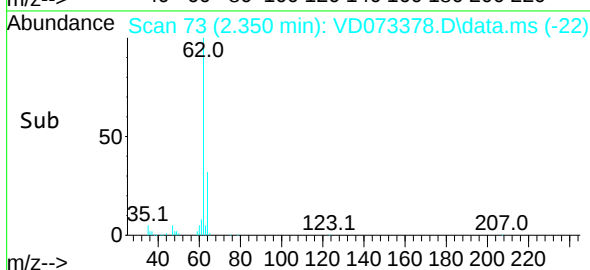
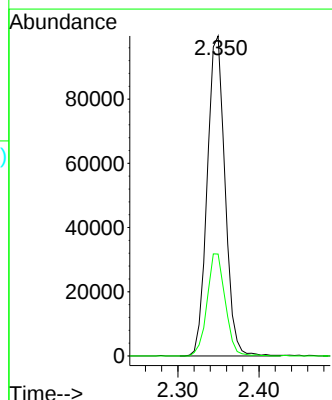
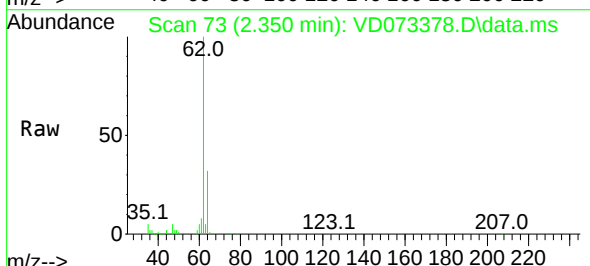
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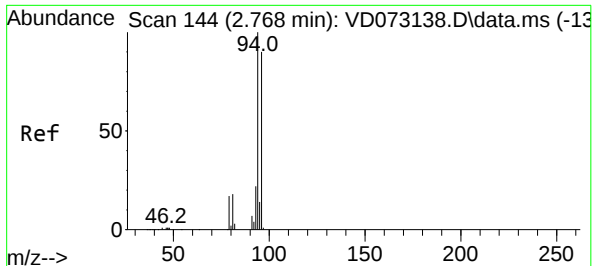
Tgt Ion: 50 Resp: 164760
Ion Ratio Lower Upper
50 100
52 34.0 27.4 41.0



#4
Vinyl Chloride
Concen: 49.342 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 62 Resp: 151372
Ion Ratio Lower Upper
62 100
64 31.8 25.4 38.0

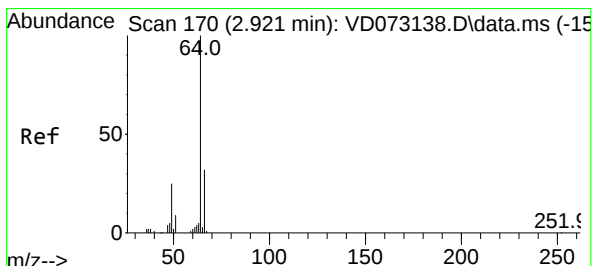
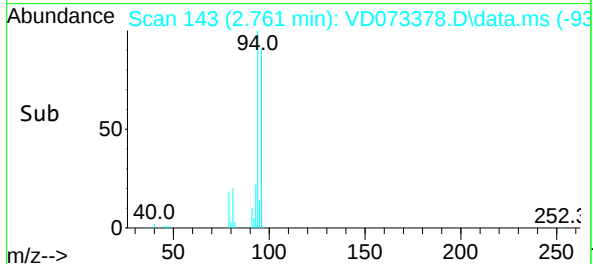
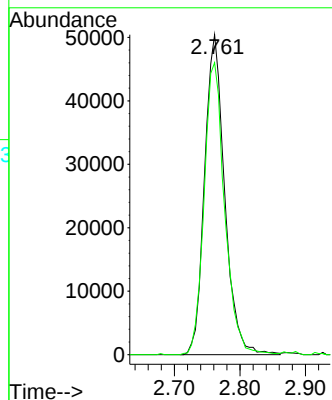
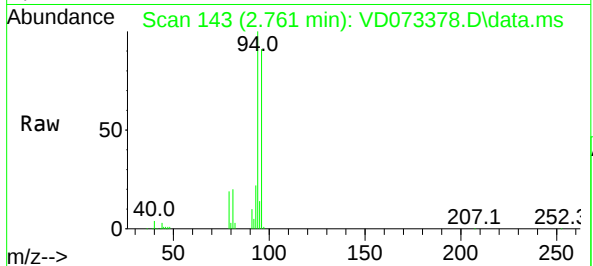




#5
Bromomethane
Concen: 55.100 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.007 min
Lab File: VD073378.D
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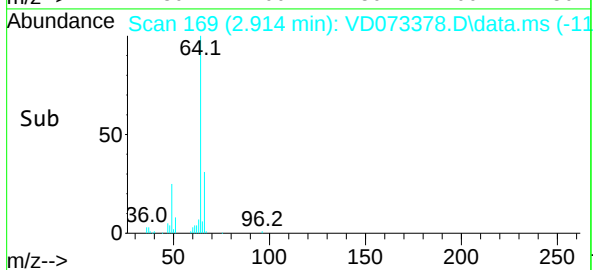
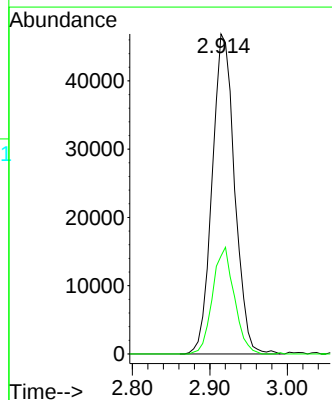
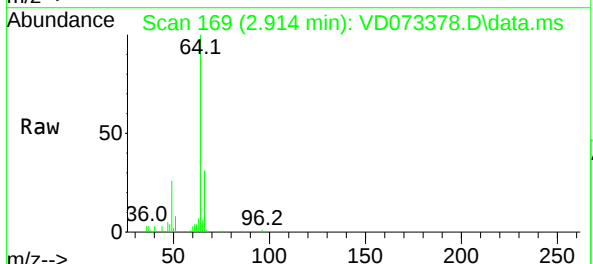
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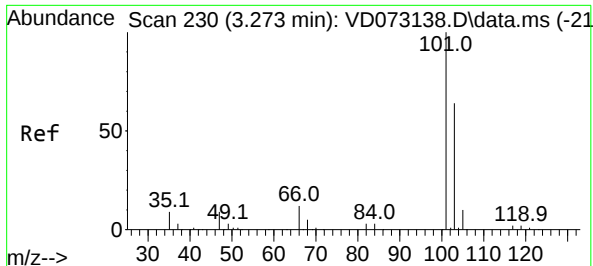
Tgt Ion: 94 Resp: 107557
Ion Ratio Lower Upper
94 100
96 91.3 77.6 116.4



#6
Chloroethane
Concen: 50.092 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.007 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 64 Resp: 94470
Ion Ratio Lower Upper
64 100
66 30.6 25.9 38.9

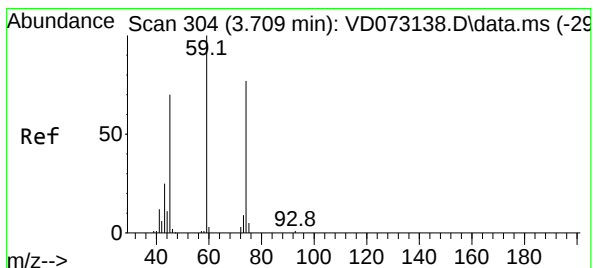
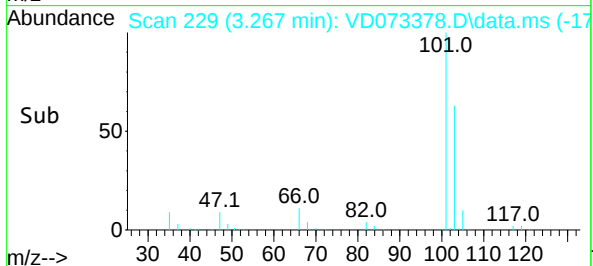
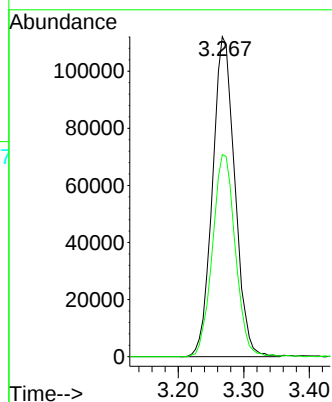
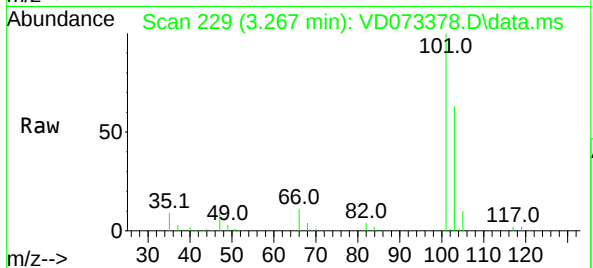




#7
Trichlorofluoromethane
Concen: 48.889 ug/l
RT: 3.267 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

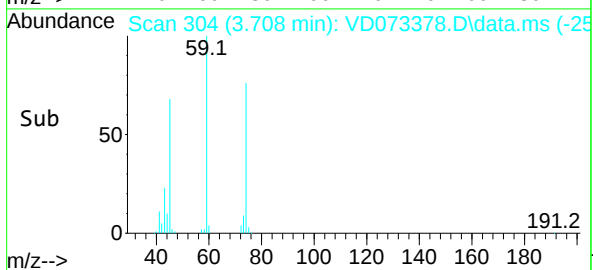
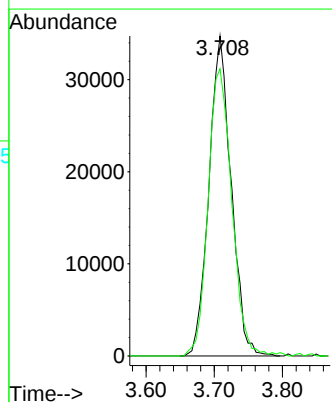
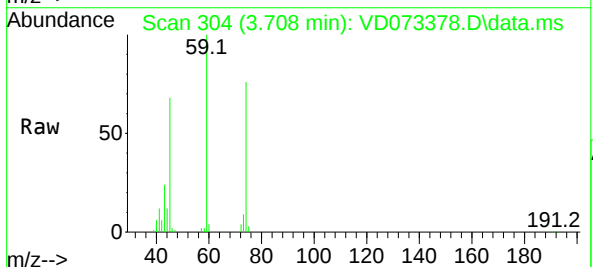
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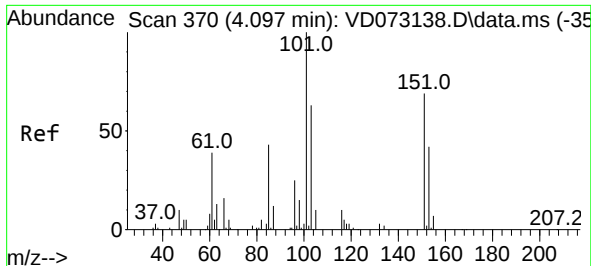
Tgt Ion:101 Resp: 265205
Ion Ratio Lower Upper
101 100
103 63.2 50.1 75.1



#8
Diethyl Ether
Concen: 52.879 ug/l
RT: 3.708 min Scan# 304
Delta R.T. -0.001 min
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Tgt Ion: 74 Resp: 78822
Ion Ratio Lower Upper
74 100
45 95.9 52.6 157.8

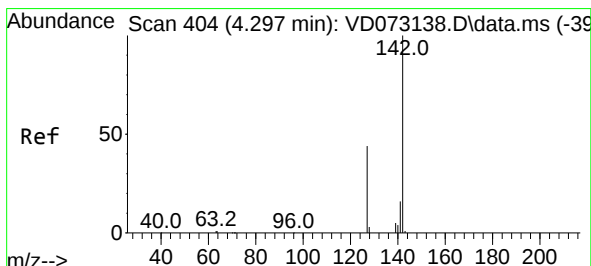
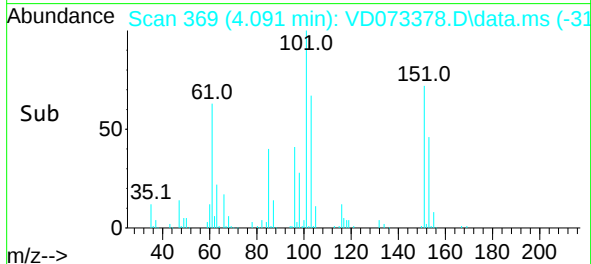
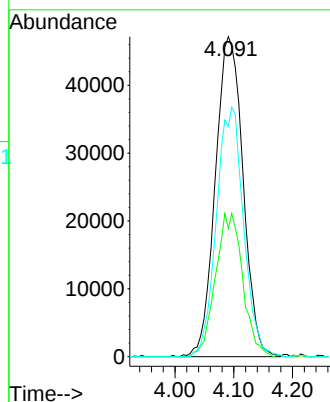
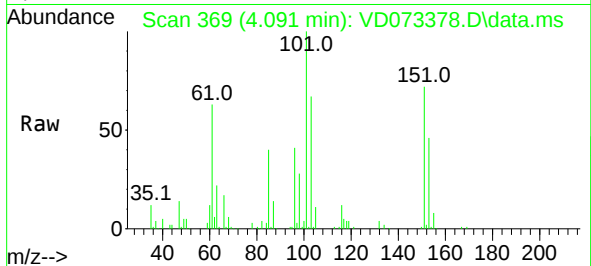




#9
1,1,2-Trichlorotrifluoroethane
Concen: 47.660 ug/l
RT: 4.091 min Scan# 30
Delta R.T. -0.006 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

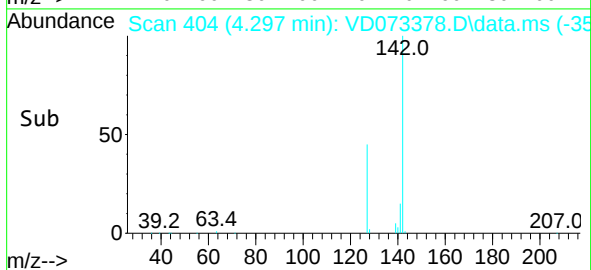
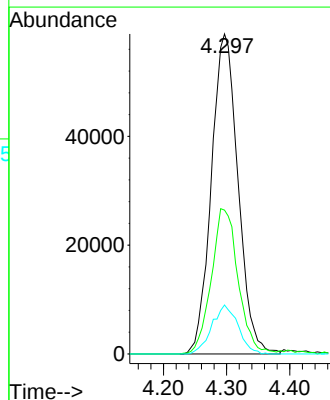
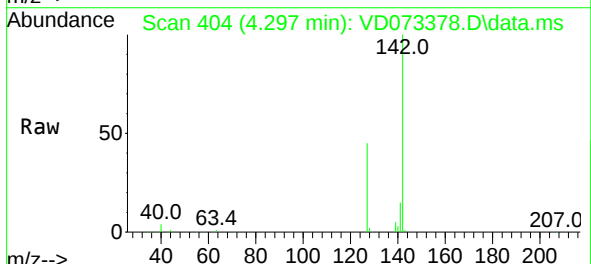
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

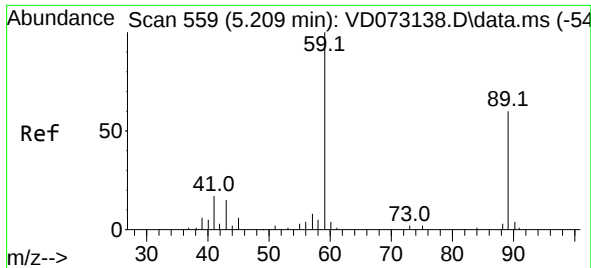
Tgt Ion:101 Resp: 154259
Ion Ratio Lower Upper
101 100
85 44.1 36.4 54.6
151 76.5 57.3 85.9



#10
Methyl Iodide
Concen: 49.381 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:142 Resp: 172439
Ion Ratio Lower Upper
142 100
127 45.6 37.3 55.9
141 15.1 11.7 17.5

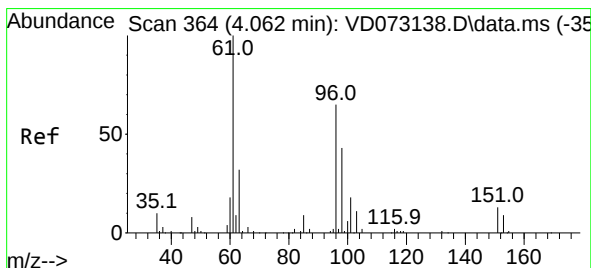
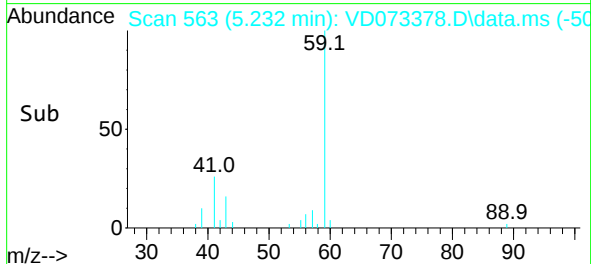
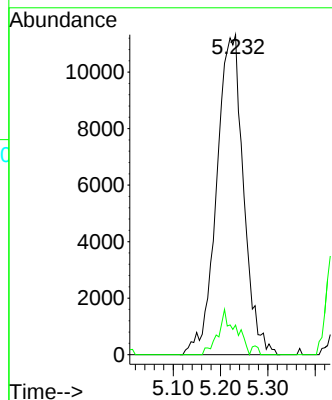
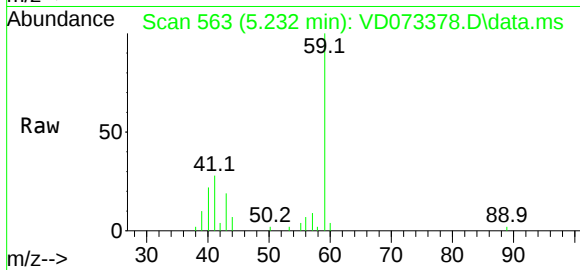




#11
Tert butyl alcohol
Concen: 87.474 ug/l
RT: 5.232 min Scan# 51
Delta R.T. 0.023 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

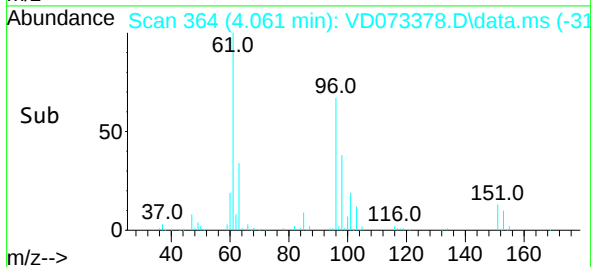
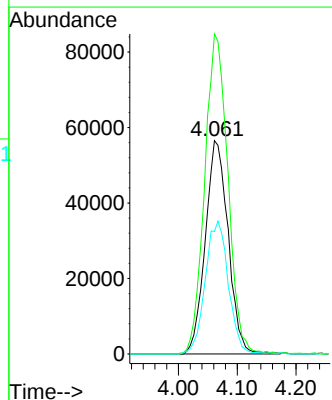
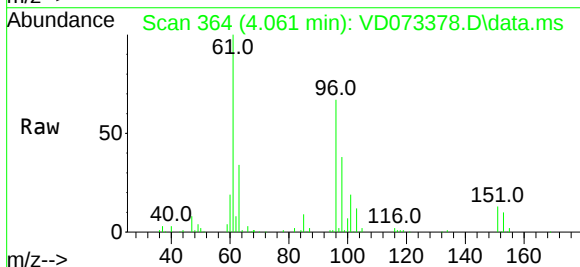
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

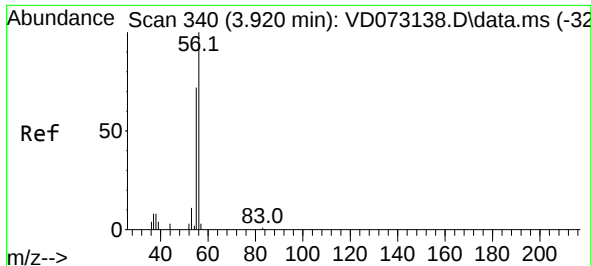
Tgt Ion: 59 Resp: 44535
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 51.056 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 96 Resp: 152353
Ion Ratio Lower Upper
96 100
61 149.6 138.5 207.7
98 57.5 48.6 73.0

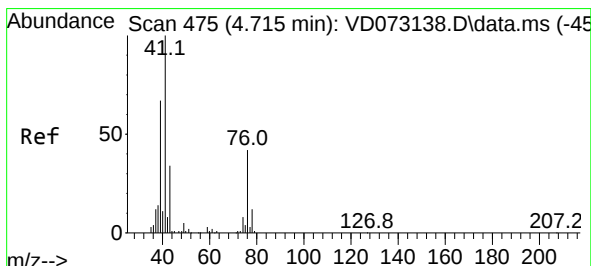
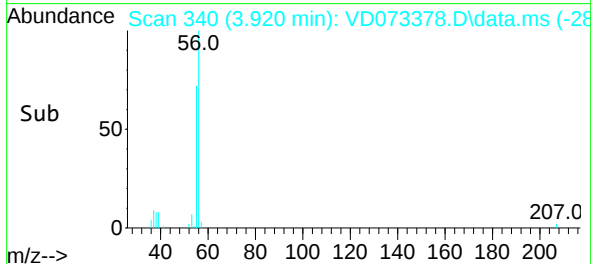
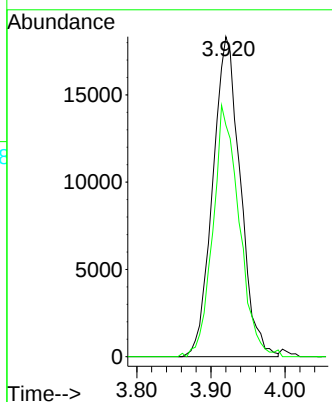
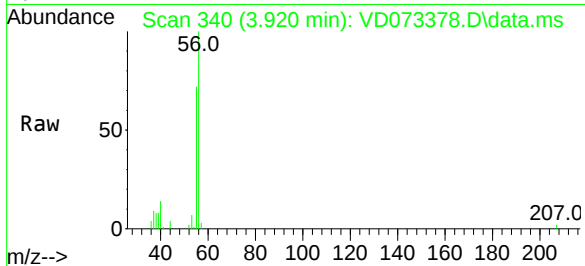




#13
Acrolein
Concen: 234.773 ug/l
RT: 3.920 min Scan# 340
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

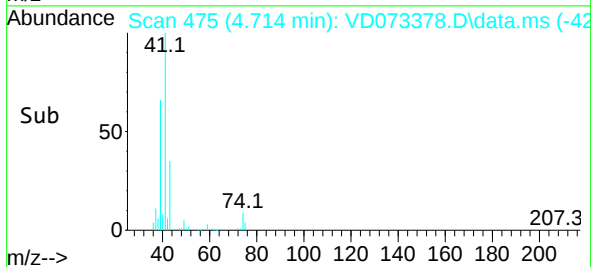
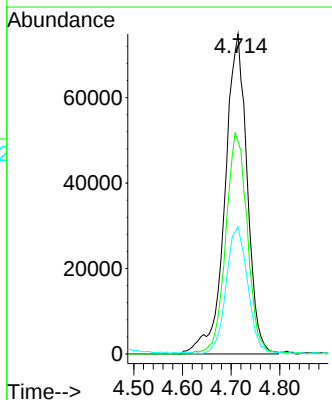
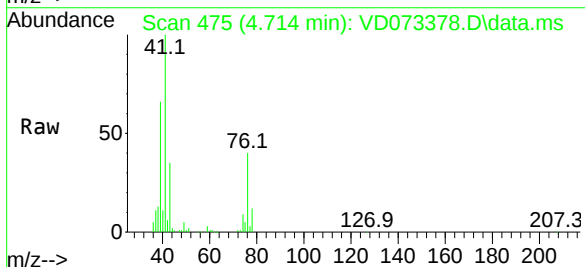
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

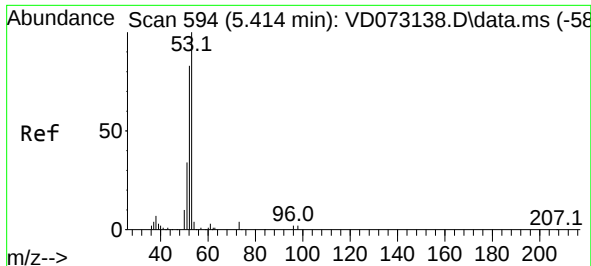
Tgt Ion: 56 Resp: 47420
Ion Ratio Lower Upper
56 100
55 74.8 57.1 85.7



#14
Allyl chloride
Concen: 49.199 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 41 Resp: 236980
Ion Ratio Lower Upper
41 100
39 67.5 59.3 88.9
76 38.9 25.7 38.5#

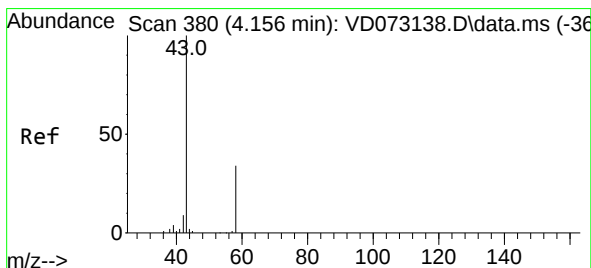
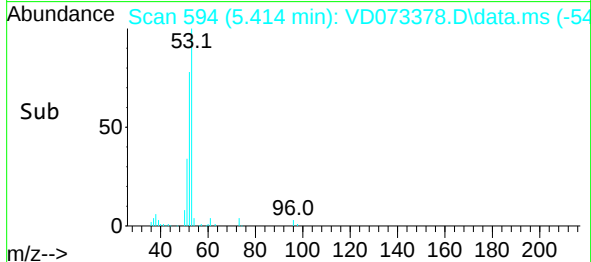
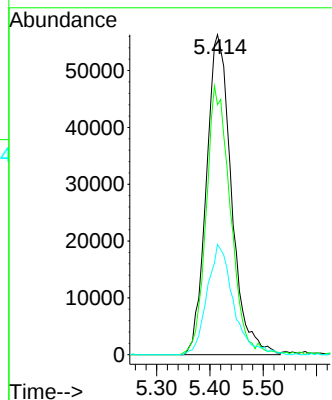
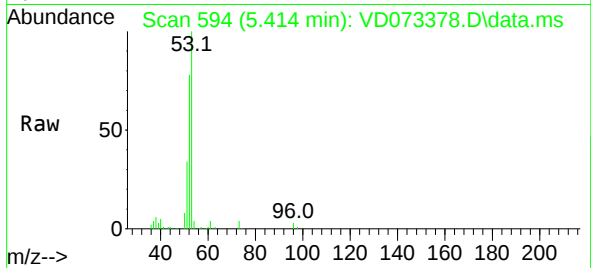




#15
Acrylonitrile
Concen: 270.542 ug/l
RT: 5.414 min Scan# 594
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

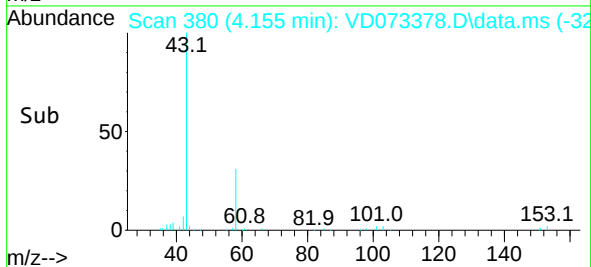
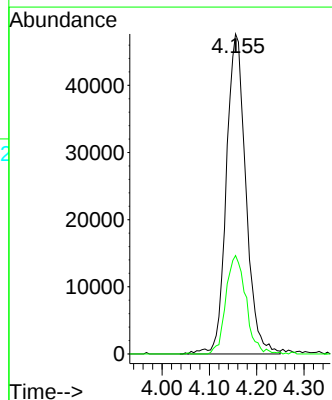
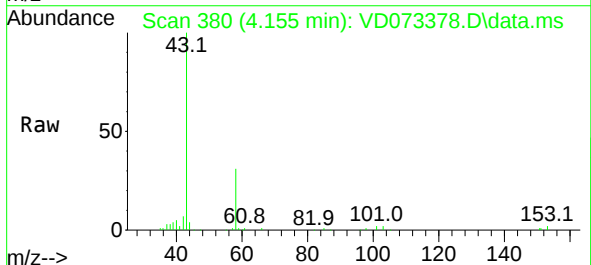
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

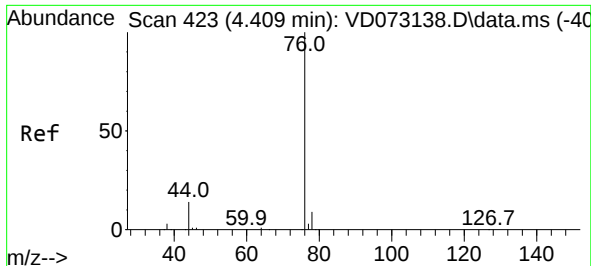
Tgt Ion: 53 Resp: 184405
Ion Ratio Lower Upper
53 100
52 81.2 67.2 100.8
51 36.1 30.3 45.5



#16
Acetone
Concen: 239.992 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 43 Resp: 136408
Ion Ratio Lower Upper
43 100
58 30.7 22.1 33.1

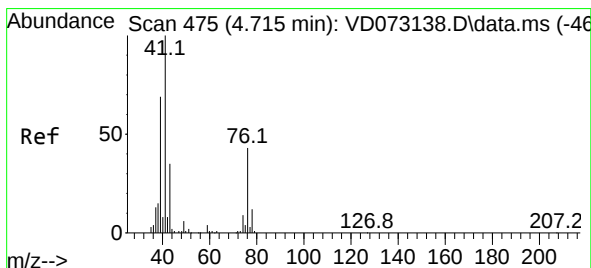
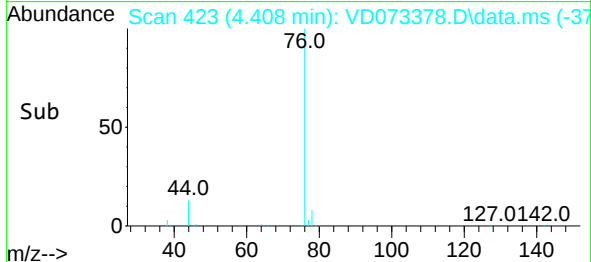
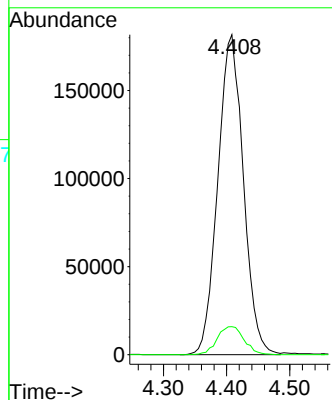
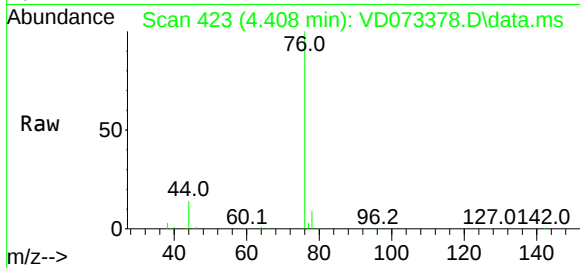




#17
Carbon Disulfide
Concen: 51.576 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

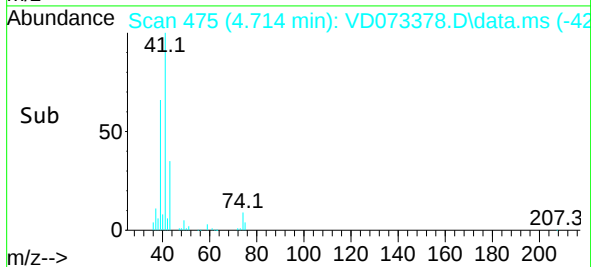
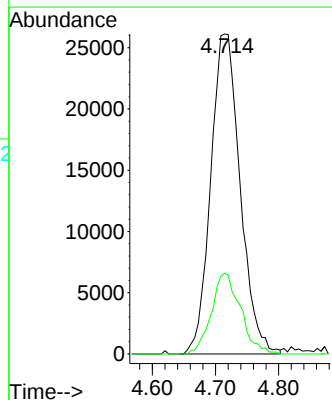
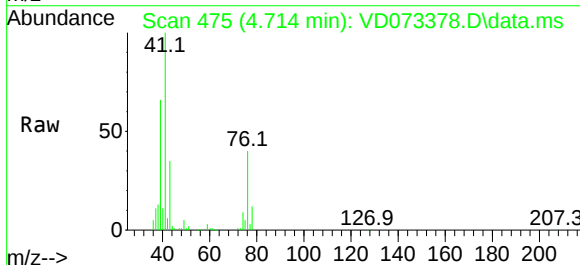
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

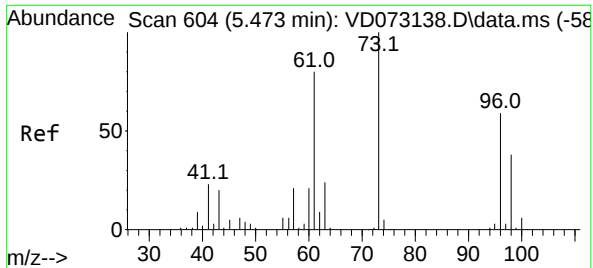
Tgt Ion: 76 Resp: 510200
Ion Ratio Lower Upper
76 100
78 8.8 7.5 11.3



#18
Methyl Acetate
Concen: 53.476 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 43 Resp: 84519
Ion Ratio Lower Upper
43 100
74 24.9 16.7 25.1

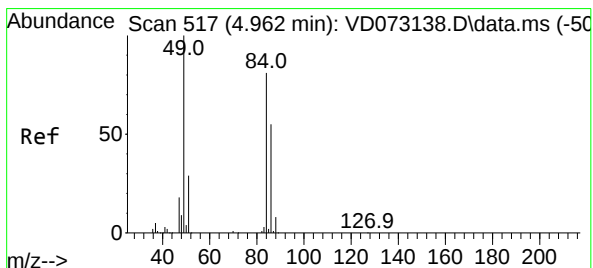
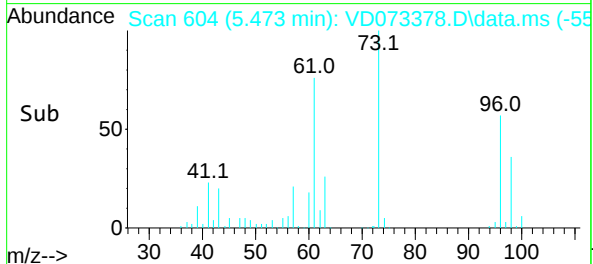
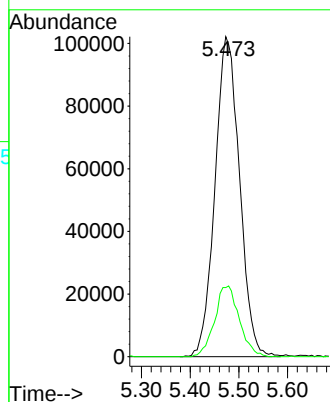
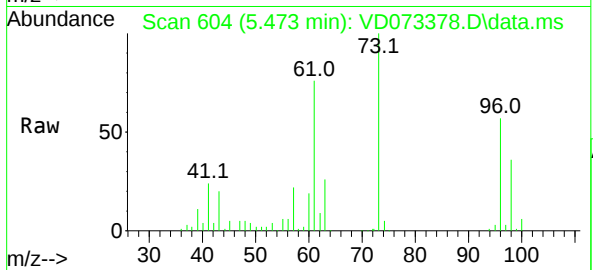




#19
Methyl tert-butyl Ether
Concen: 52.633 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

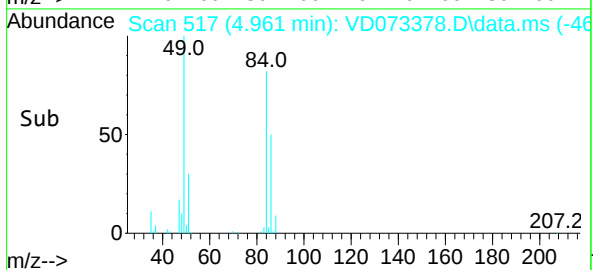
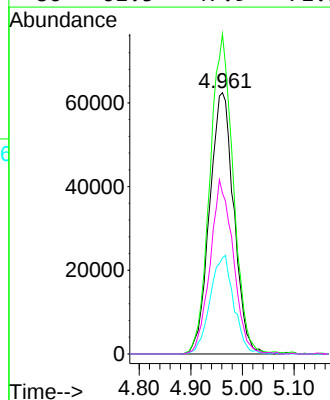
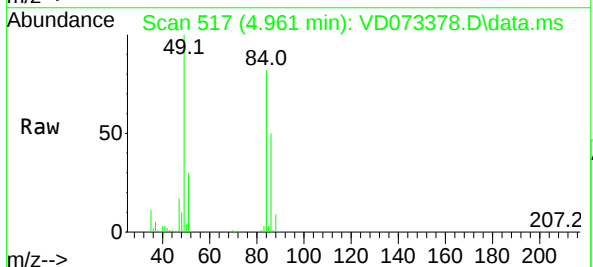
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

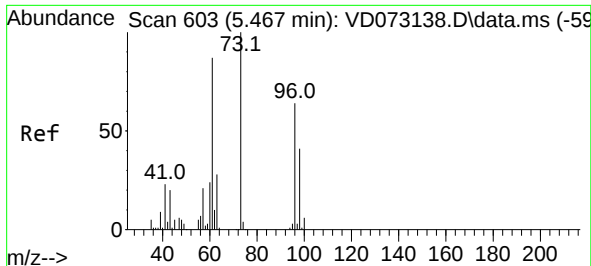
Tgt Ion: 73 Resp: 357807
Ion Ratio Lower Upper
73 100
57 21.6 18.0 27.0



#20
Methylene Chloride
Concen: 56.909 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 84 Resp: 203180
Ion Ratio Lower Upper
84 100
49 122.4 112.8 169.2
51 36.7 32.6 48.8
86 61.5 47.9 71.9

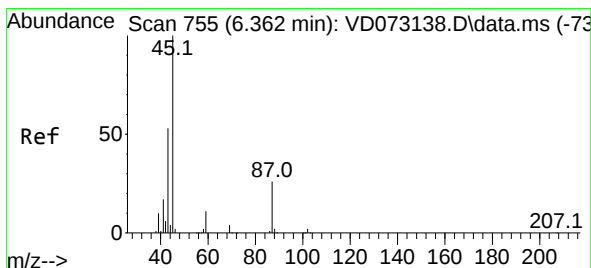
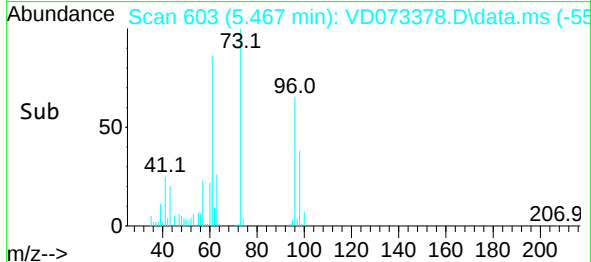
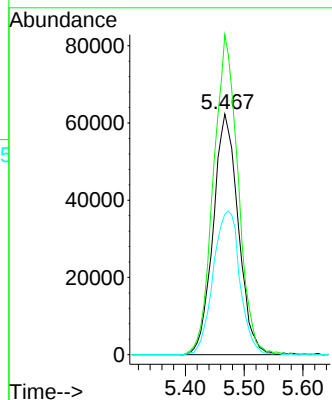
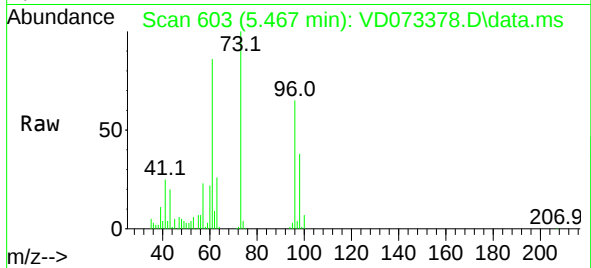




#21
trans-1,2-Dichloroethene
Concen: 51.133 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

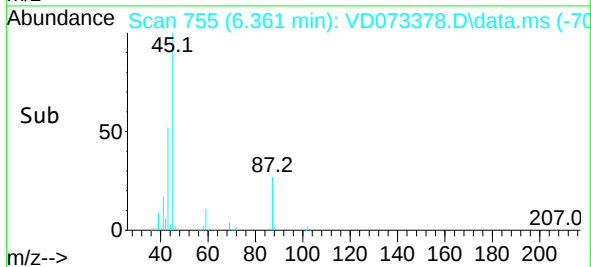
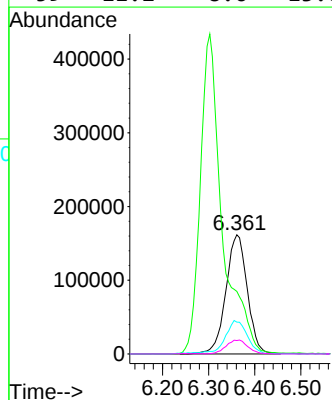
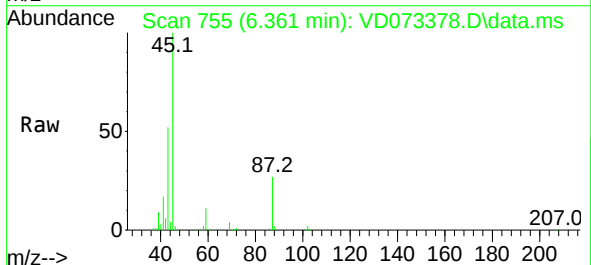
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

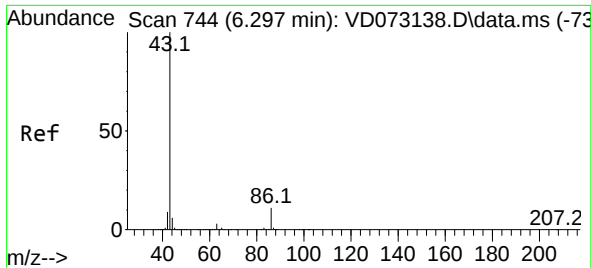
Tgt Ion: 96 Resp: 184487
Ion Ratio Lower Upper
96 100
61 133.0 117.9 176.9
98 58.3 49.4 74.2



#22
Diisopropyl ether
Concen: 51.437 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 45 Resp: 519371
Ion Ratio Lower Upper
45 100
43 51.9 46.6 70.0
87 26.7 18.4 27.6
59 11.2 8.6 13.0

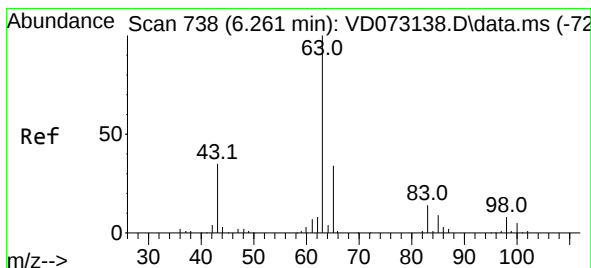
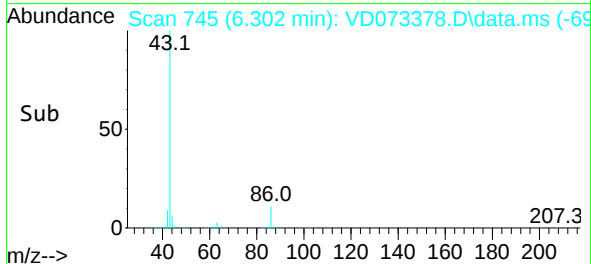
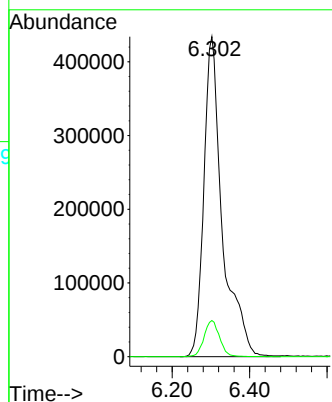
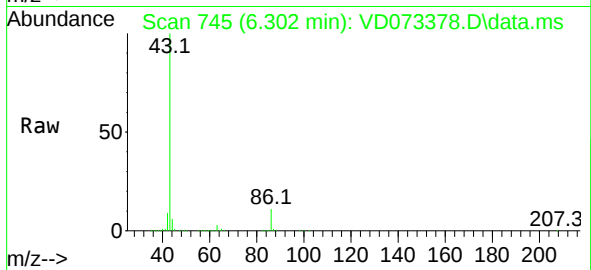




#23
 Vinyl Acetate
 Concen: 267.084 ug/l
 RT: 6.302 min Scan# 744
 Delta R.T. 0.005 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

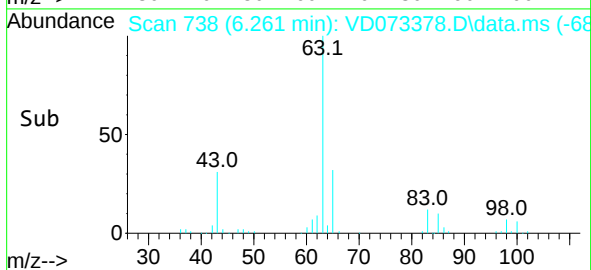
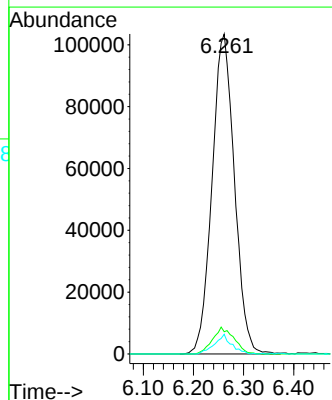
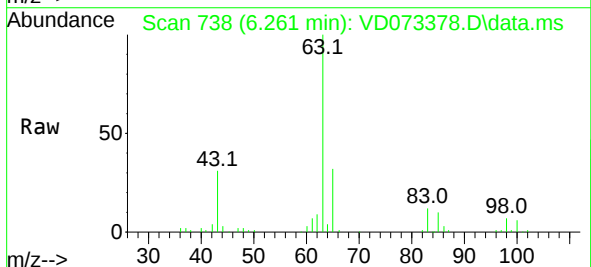
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

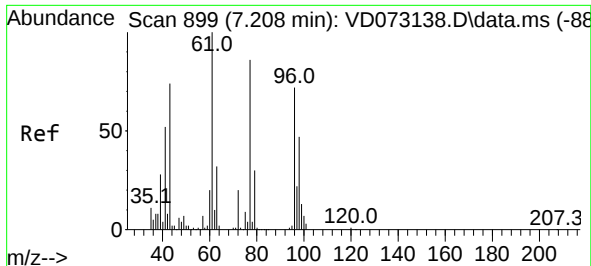
Tgt Ion: 43 Resp: 1438489
 Ion Ratio Lower Upper
 43 100
 86 11.3 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 49.540 ug/l
 RT: 6.261 min Scan# 738
 Delta R.T. 0.000 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

Tgt Ion: 63 Resp: 321082
 Ion Ratio Lower Upper
 63 100
 98 6.9 3.6 10.9
 100 6.2 2.1 6.5

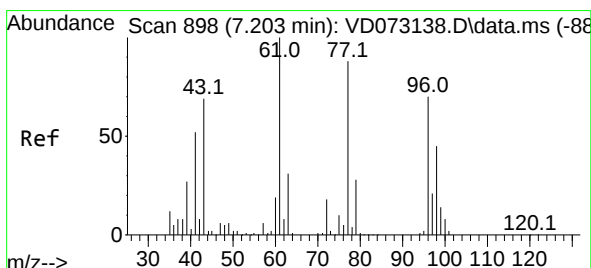
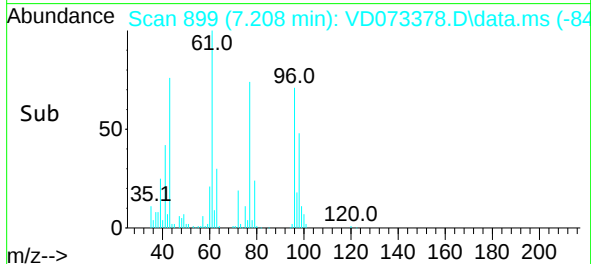
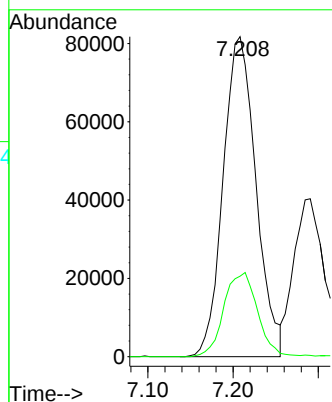
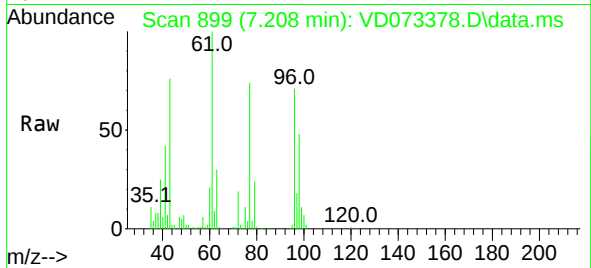




#25
2-Butanone
Concen: 263.378 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

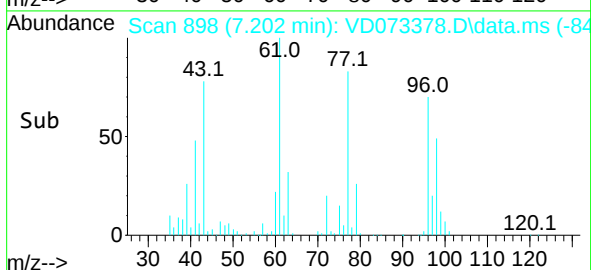
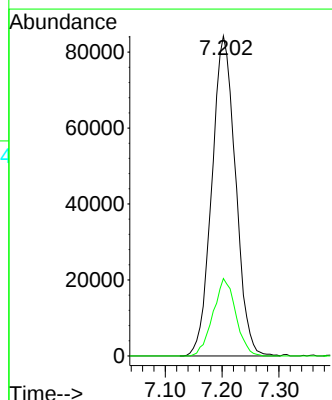
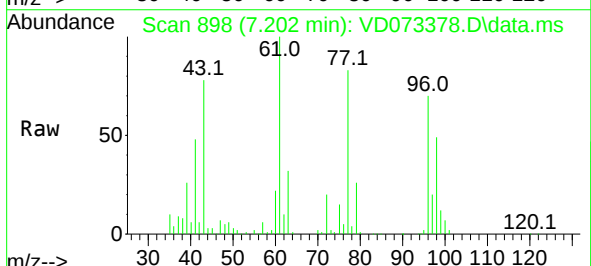
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

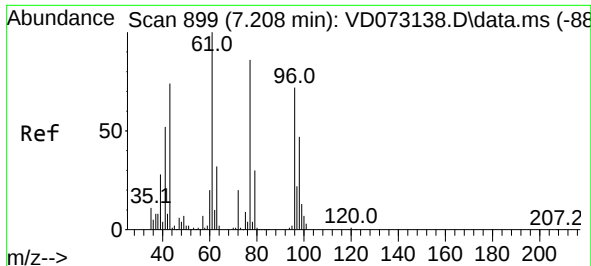
Tgt Ion: 43 Resp: 219017
Ion Ratio Lower Upper
43 100
72 25.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 44.097 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 77 Resp: 243734
Ion Ratio Lower Upper
77 100
97 23.3 10.8 32.4



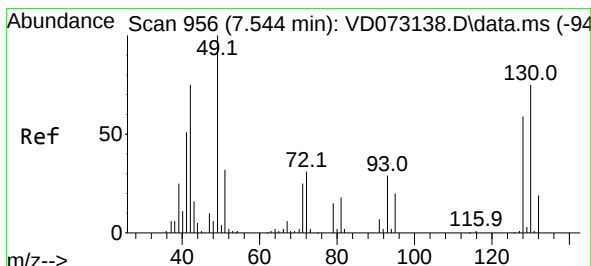
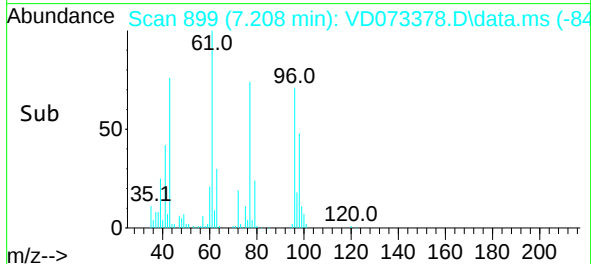
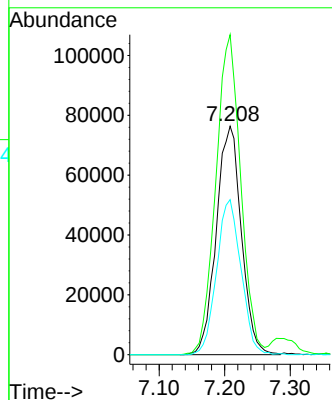
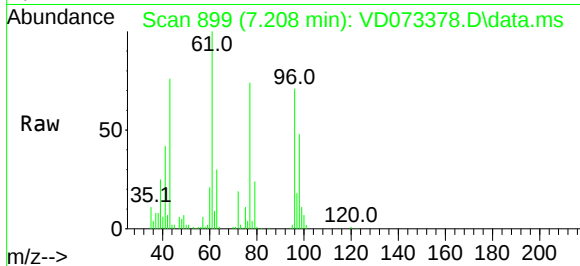


#27
 cis-1,2-Dichloroethene
 Concen: 50.792 ug/l
 RT: 7.208 min Scan# 899
 Delta R.T. 0.000 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Tgt Ion: 96 Resp: 202773

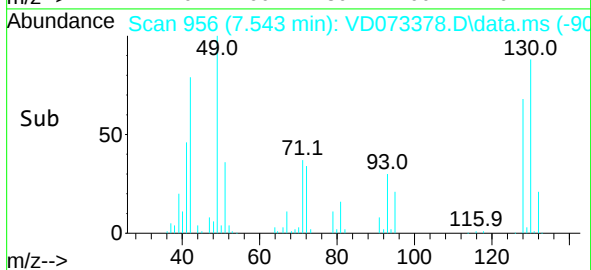
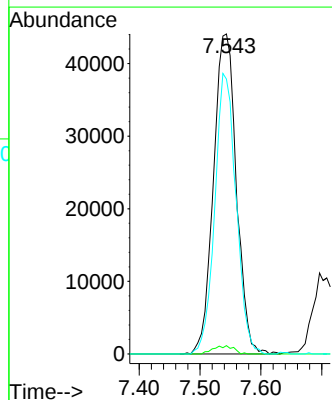
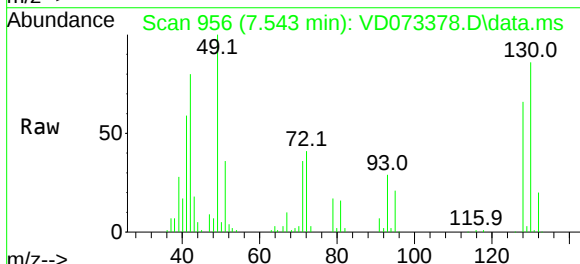
Ion	Ratio	Lower	Upper
96	100		
61	139.1	0.0	313.8
98	66.0	0.0	128.8

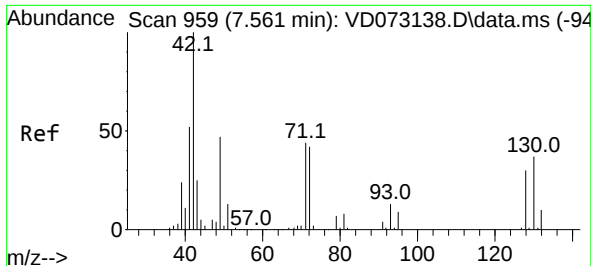


#28
 Bromochloromethane
 Concen: 51.604 ug/l
 RT: 7.543 min Scan# 956
 Delta R.T. -0.001 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

Tgt Ion: 49 Resp: 115225

Ion	Ratio	Lower	Upper
49	100		
129	2.3	0.0	4.0
130	81.5	52.6	79.0





#29

Tetrahydrofuran

Concen: 277.780 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

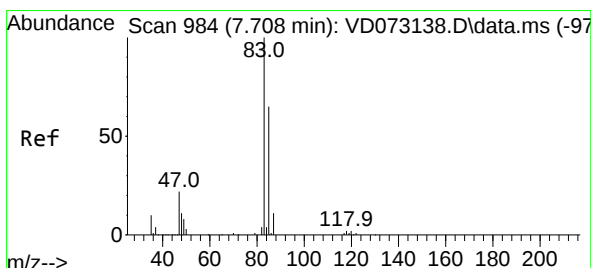
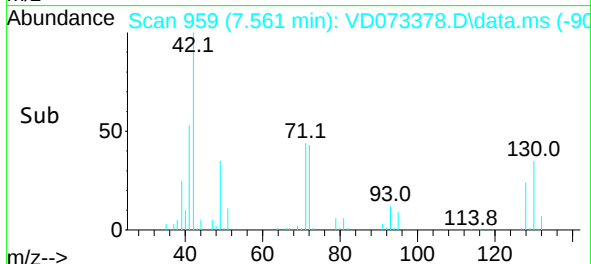
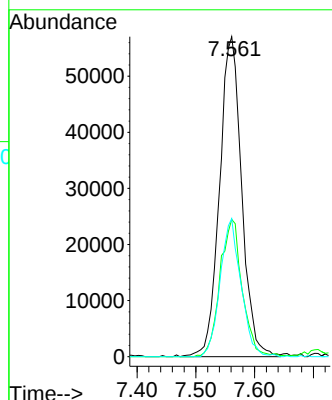
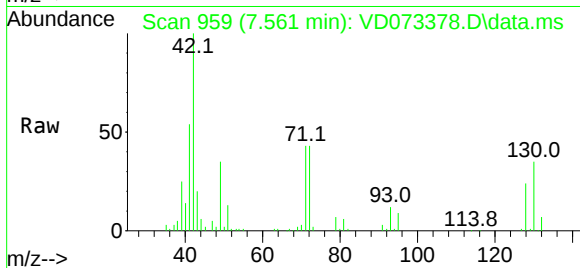
Tgt Ion: 42 Resp: 149364

Ion Ratio Lower Upper

42 100

72 43.1 30.7 46.1

71 40.5 28.6 43.0



#30

Chloroform

Concen: 50.924 ug/l

RT: 7.708 min Scan# 984

Delta R.T. 0.000 min

Lab File: VD073378.D

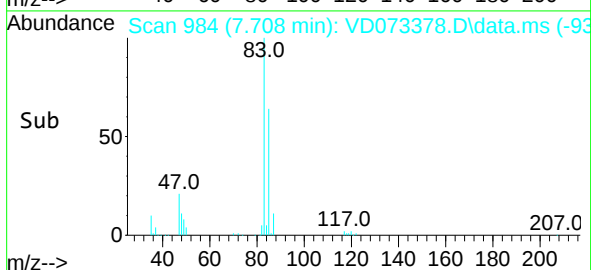
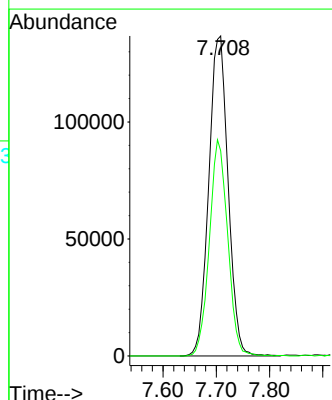
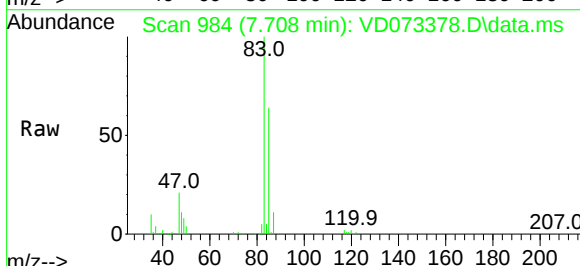
Acq: 25 May 2022 23:36

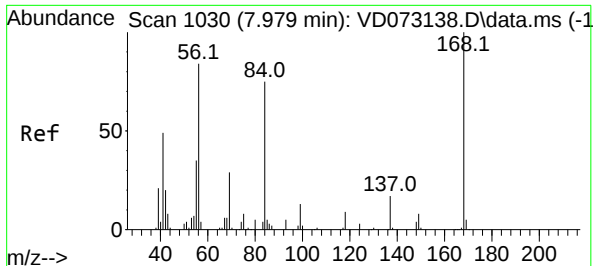
Tgt Ion: 83 Resp: 344575

Ion Ratio Lower Upper

83 100

85 64.1 52.7 79.1





#31

Cyclohexane

Concen: 44.683 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

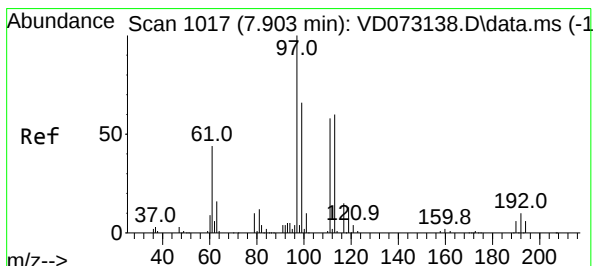
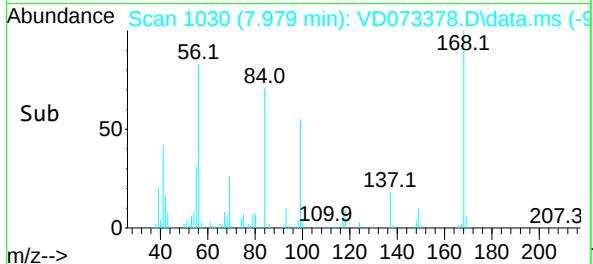
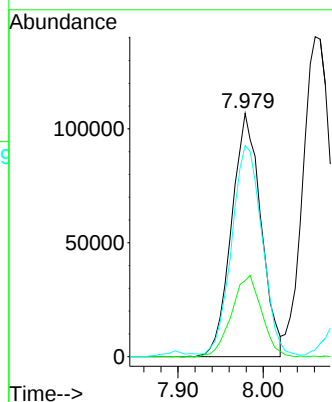
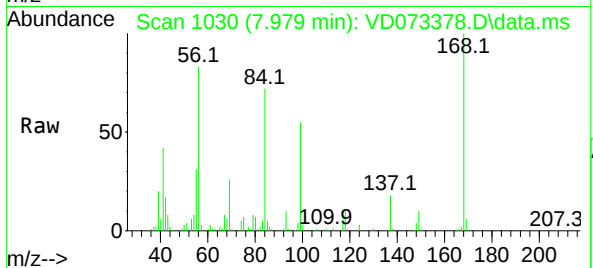
Tgt Ion: 56 Resp: 256234

Ion Ratio Lower Upper

56 100

69 31.2 25.4 38.2

84 85.0 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 48.228 ug/l

RT: 7.896 min Scan# 1016

Delta R.T. -0.007 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

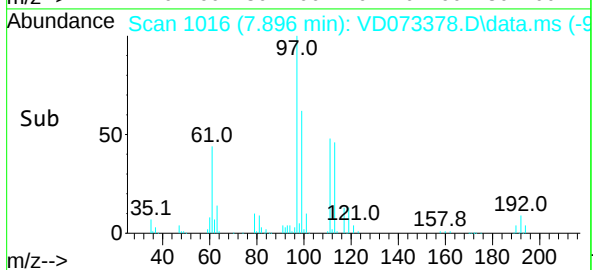
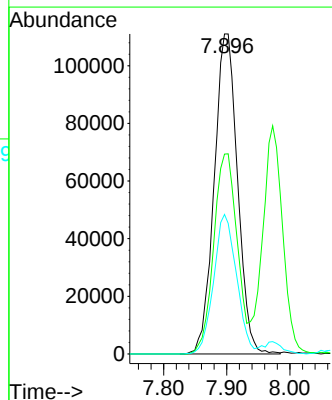
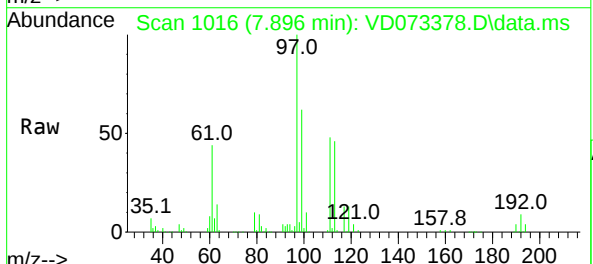
Tgt Ion: 97 Resp: 285414

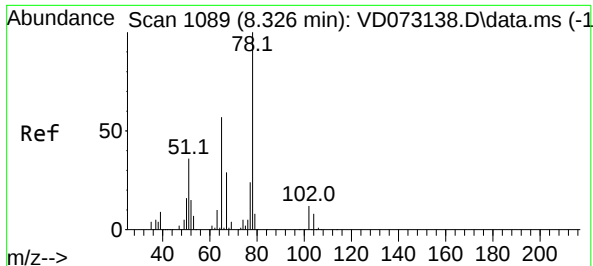
Ion Ratio Lower Upper

97 100

99 62.3 52.4 78.6

61 42.9 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.358 ug/l

RT: 8.320 min Scan# 1180

Delta R.T. -0.006 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

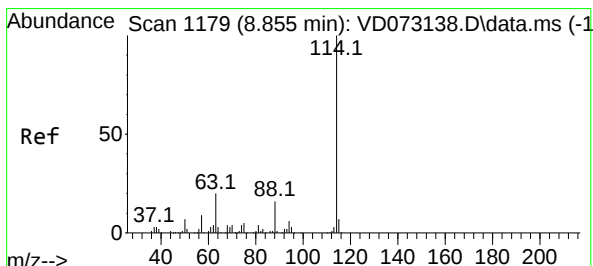
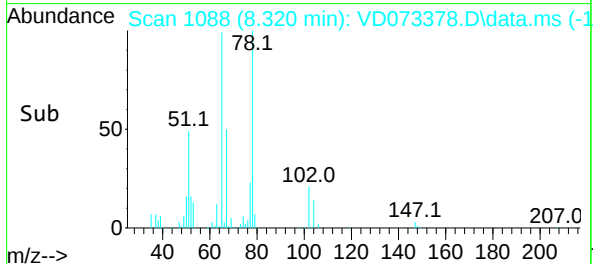
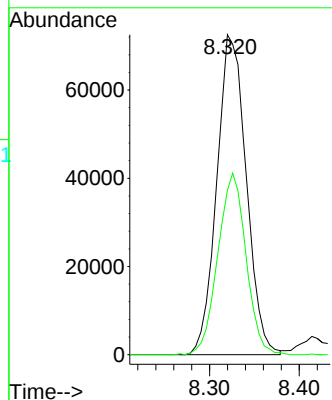
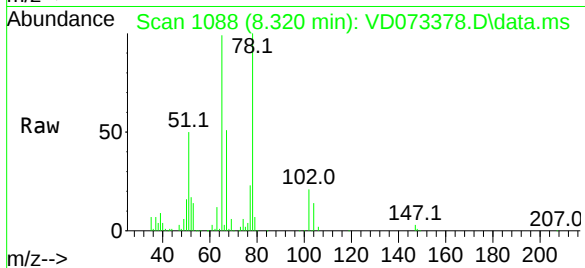
VSTDCCC050EC

Tgt Ion: 65 Resp: 165250

Ion Ratio Lower Upper

65 100

67 54.3 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: VD073378.D

Acq: 25 May 2022 23:36

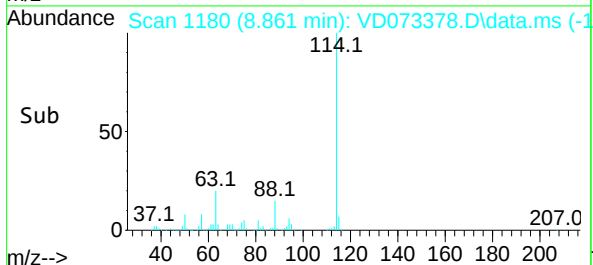
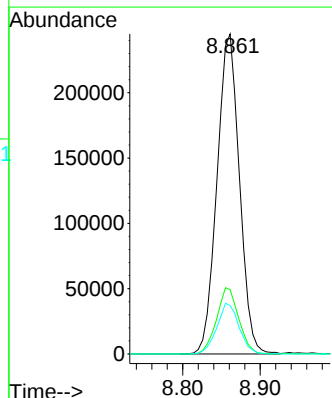
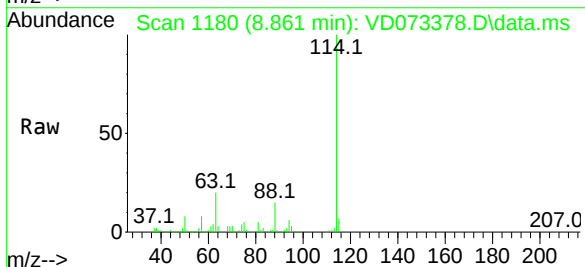
Tgt Ion: 114 Resp: 492765

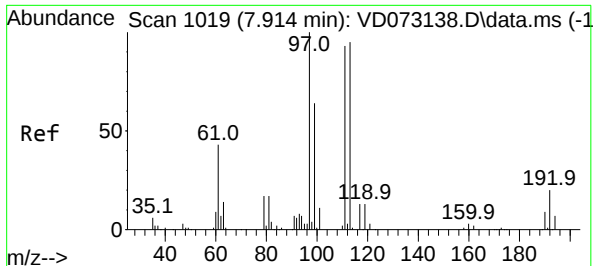
Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.957 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

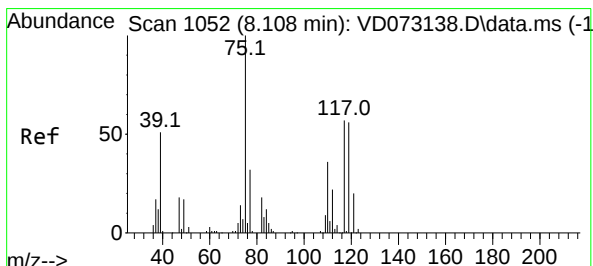
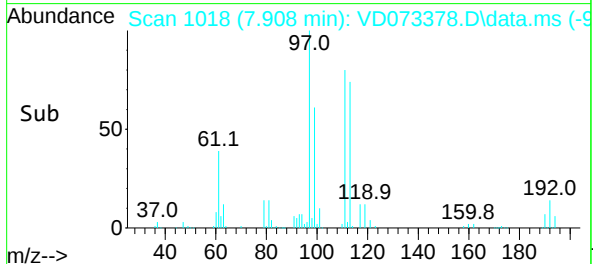
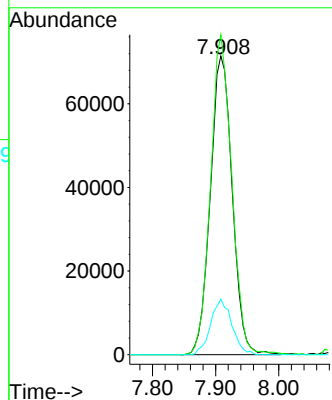
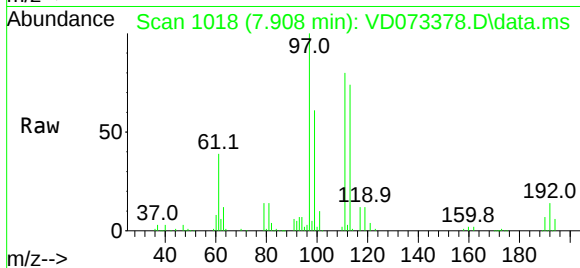
Tgt Ion:113 Resp: 172194

Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 18.0 14.6 21.8



#36

1,1-Dichloropropene

Concen: 50.907 ug/l

RT: 8.108 min Scan# 1052

Delta R.T. 0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

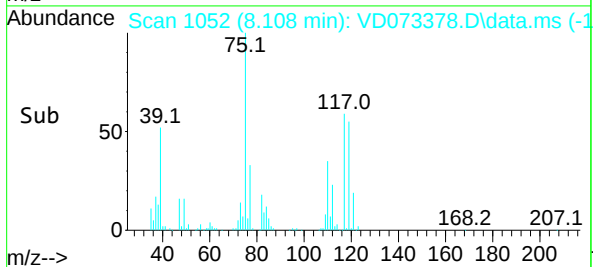
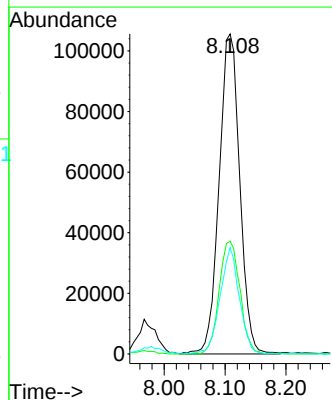
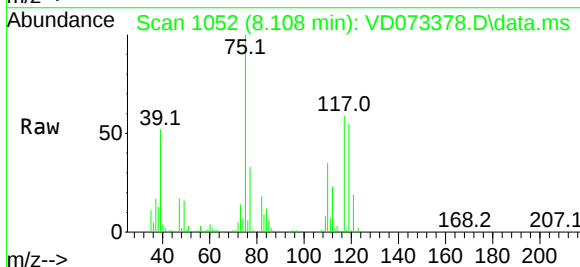
Tgt Ion: 75 Resp: 248952

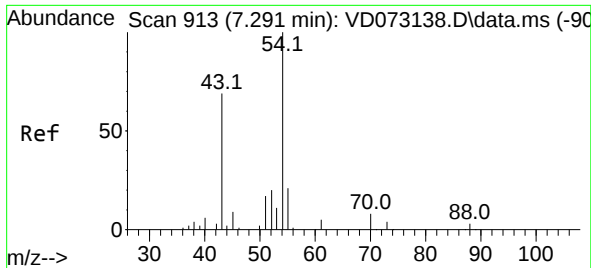
Ion Ratio Lower Upper

75 100

110 35.3 16.4 49.1

77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 53.595 ug/l

RT: 7.290 min Scan# 913

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

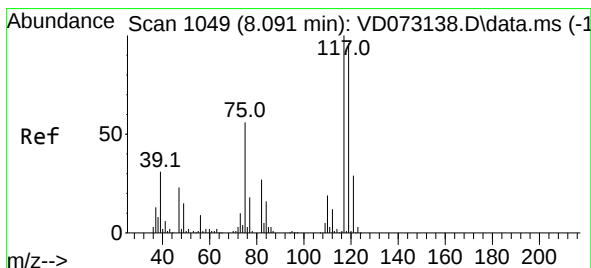
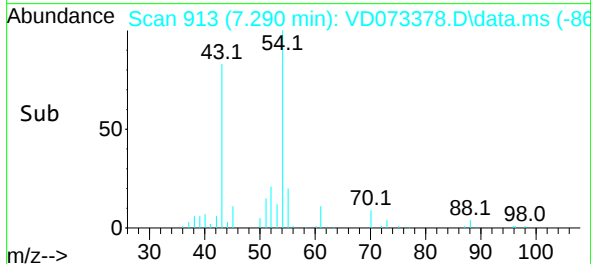
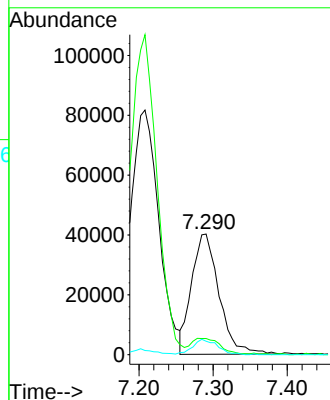
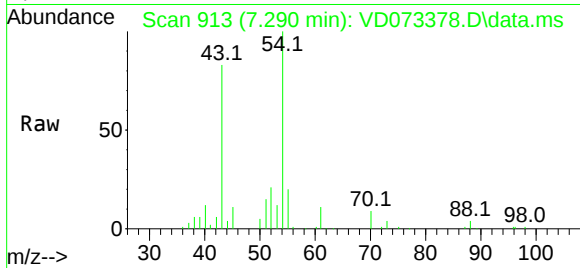
Tgt Ion: 43 Resp: 103526

Ion Ratio Lower Upper

43 100

61 13.5 9.8 14.8

70 11.5 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 50.872 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

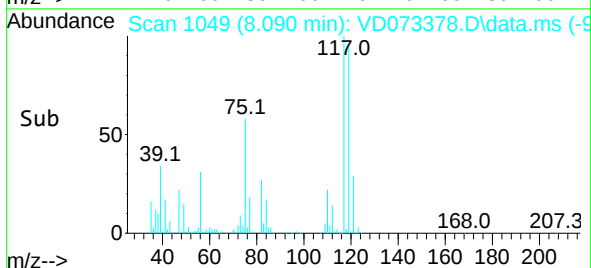
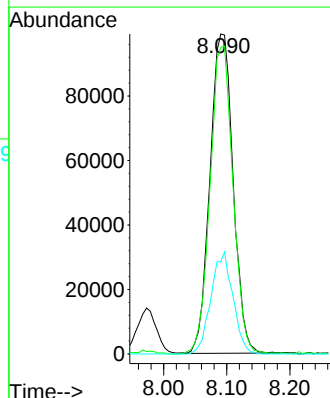
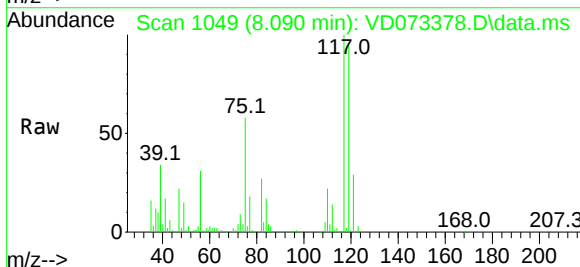
Tgt Ion: 117 Resp: 252184

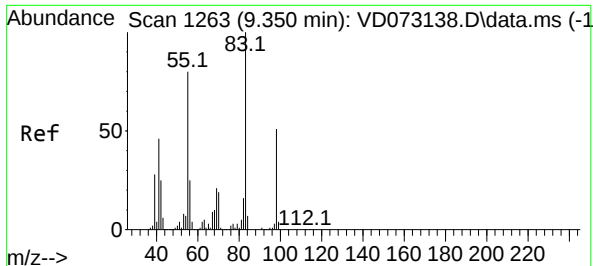
Ion Ratio Lower Upper

117 100

119 96.1 75.8 113.6

121 29.0 24.5 36.7





#39

Methylcyclohexane

Concen: 50.008 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

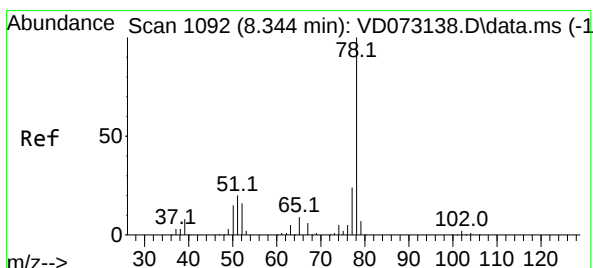
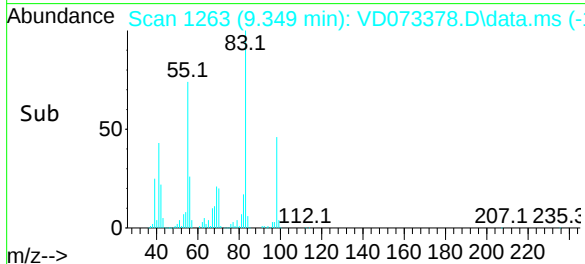
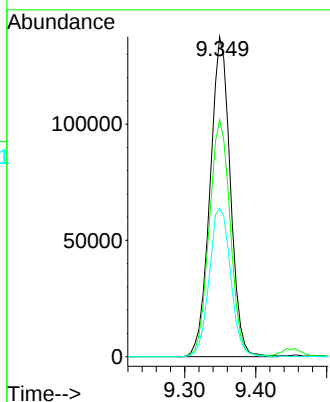
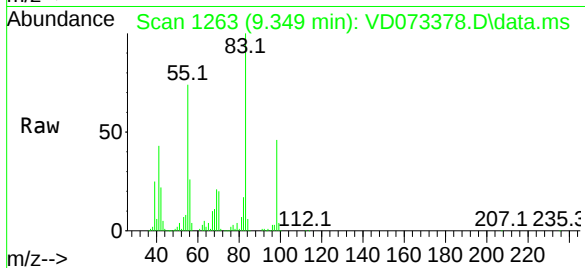
Tgt Ion: 83 Resp: 272545

Ion Ratio Lower Upper

83 100

55 74.0 63.2 94.8

98 46.4 38.2 57.4



#40

Benzene

Concen: 52.183 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. -0.001 min

Lab File: VD073378.D

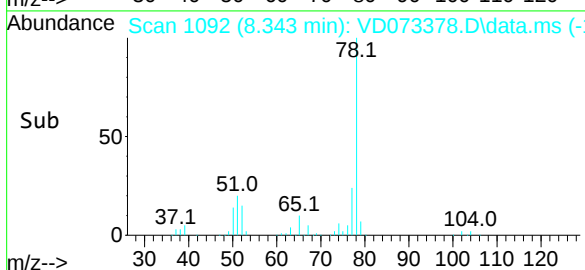
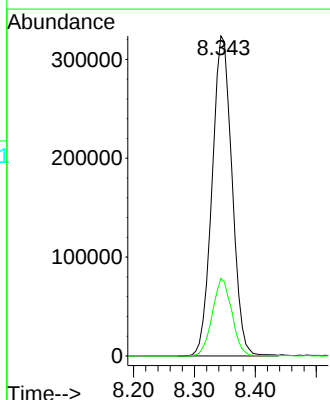
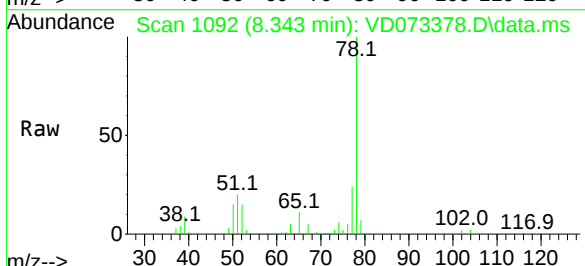
Acq: 25 May 2022 23:36

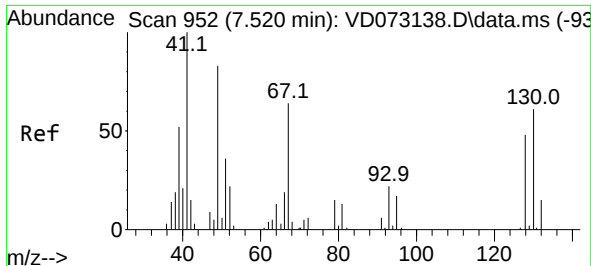
Tgt Ion: 78 Resp: 735464

Ion Ratio Lower Upper

78 100

77 24.3 19.1 28.7

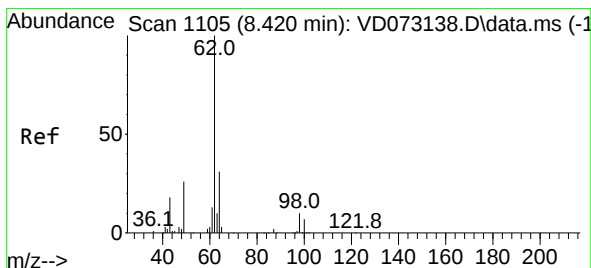
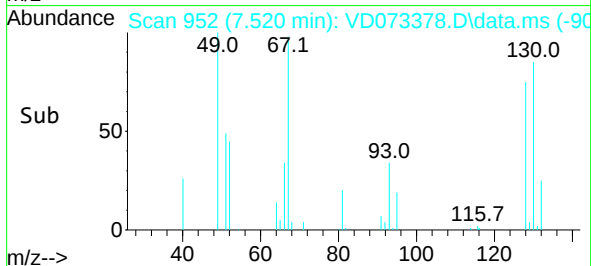
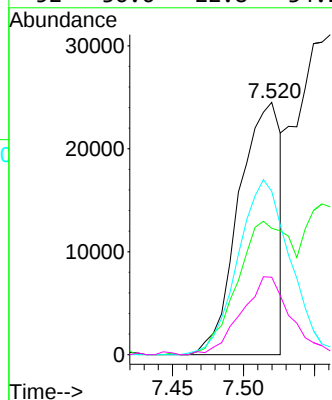
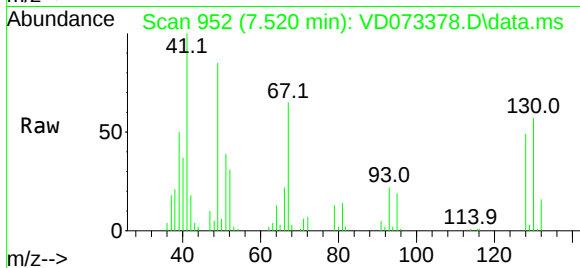




#41
Methacrylonitrile
Concen: 44.700 ug/l
RT: 7.520 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

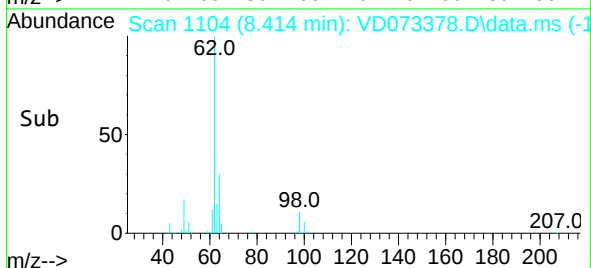
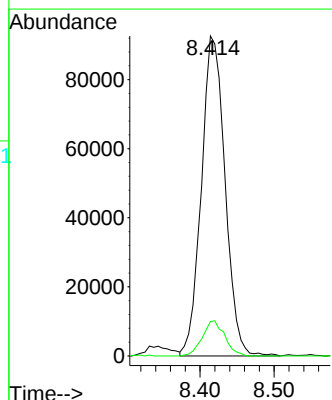
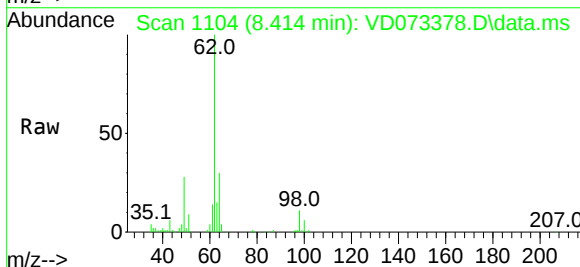
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

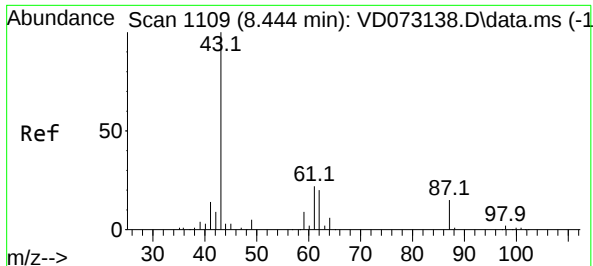
Tgt Ion: 41 Resp: 50307
Ion Ratio Lower Upper
41 100
39 69.3 44.6 67.0#
67 86.9 48.2 72.4#
52 36.6 22.8 34.2#



#42
1,2-Dichloroethane
Concen: 52.479 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 62 Resp: 205804
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.6

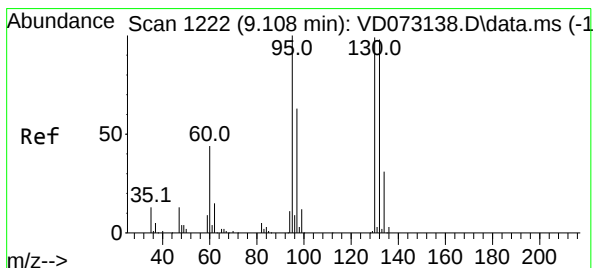
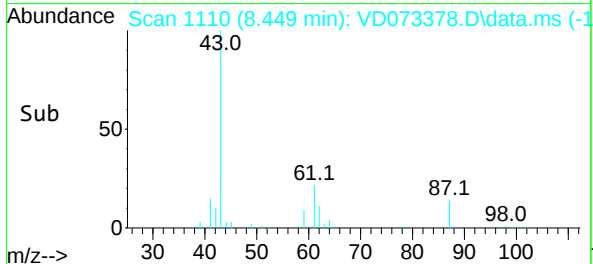
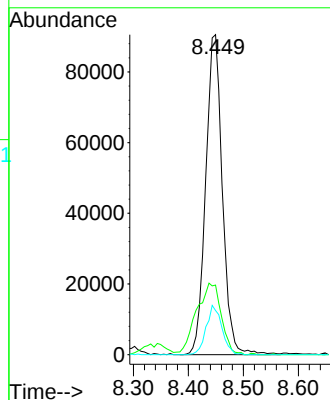
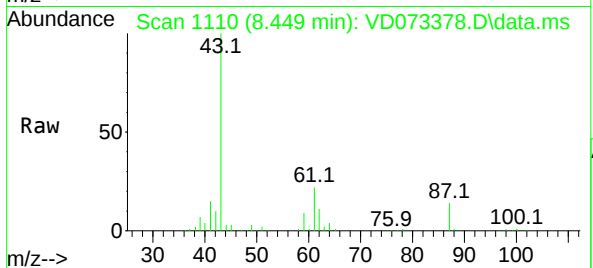




#43
Isopropyl Acetate
Concen: 53.522 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.005 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

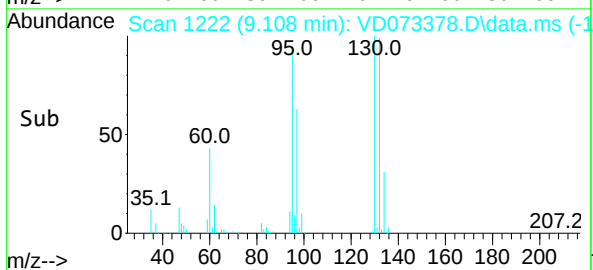
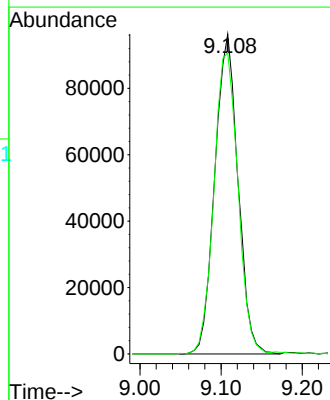
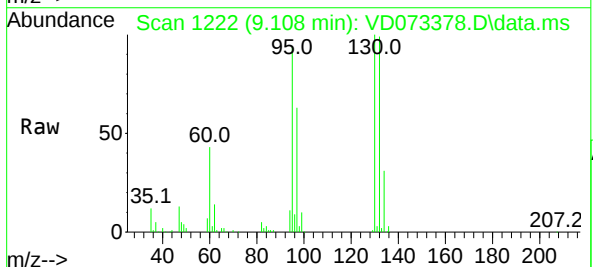
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

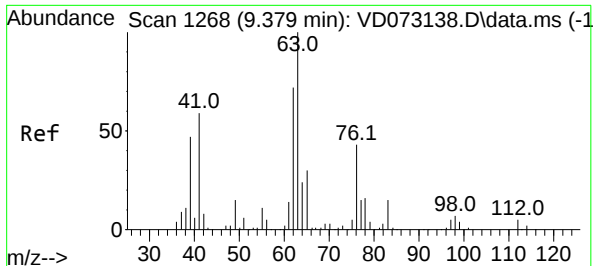
Tgt Ion: 43 Resp: 191094
Ion Ratio Lower Upper
43 100
61 33.2 22.4 33.6
87 14.5 8.7 13.1#



#44
Trichloroethene
Concen: 50.757 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:130 Resp: 190764
Ion Ratio Lower Upper
130 100
95 94.0 0.0 205.4





#45

1,2-Dichloropropane

Concen: 51.533 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

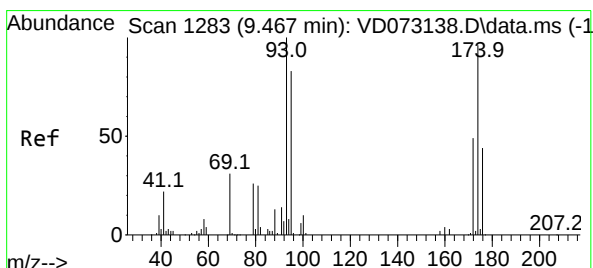
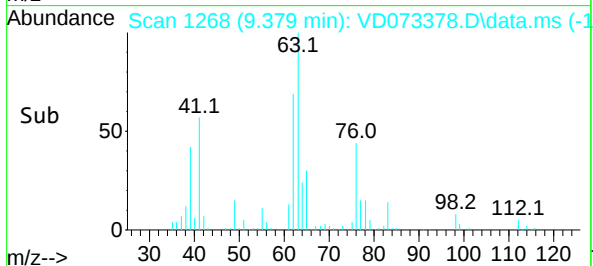
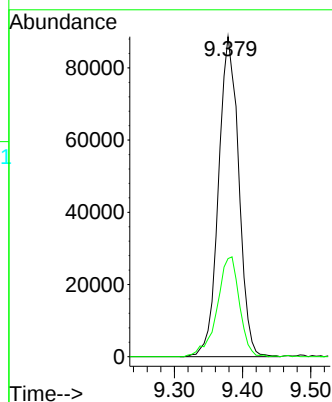
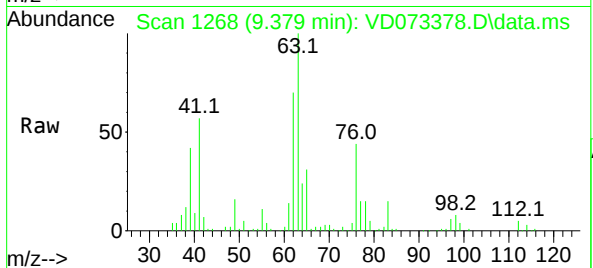
VSTDCCC050EC

Tgt Ion: 63 Resp: 182913

Ion Ratio Lower Upper

63 100

65 30.6 26.2 39.4



#46

Dibromomethane

Concen: 53.545 ug/l

RT: 9.467 min Scan# 1283

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

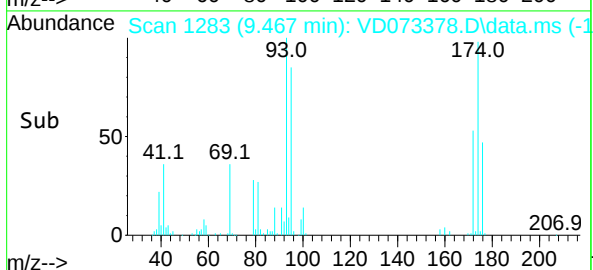
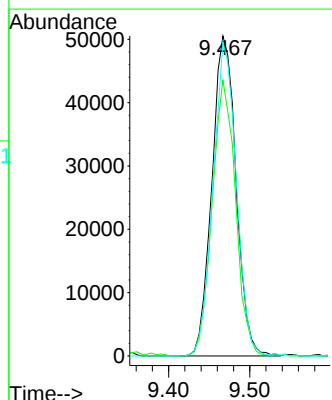
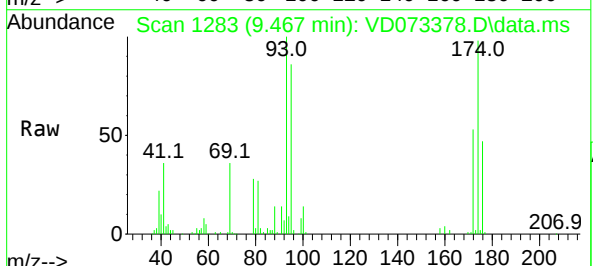
Tgt Ion: 93 Resp: 104380

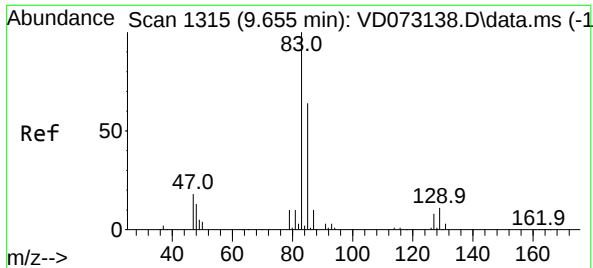
Ion Ratio Lower Upper

93 100

95 83.4 66.7 100.1

174 94.5 71.6 107.4

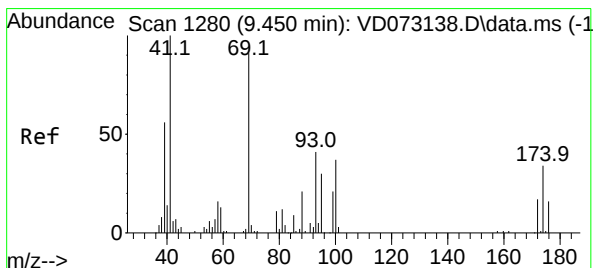
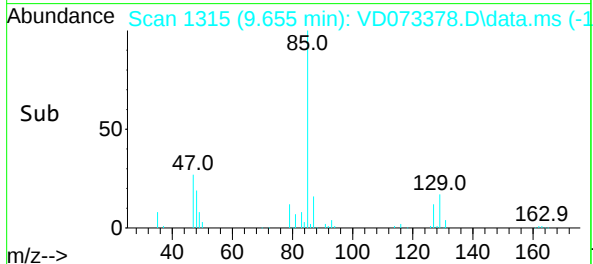
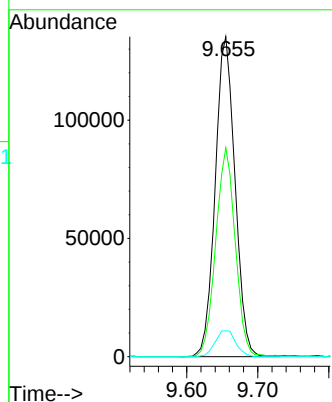
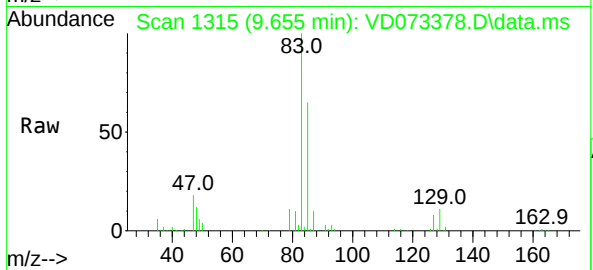




#47
Bromodichloromethane
Concen: 52.448 ug/l
RT: 9.655 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

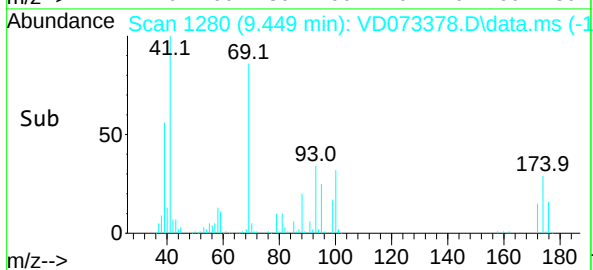
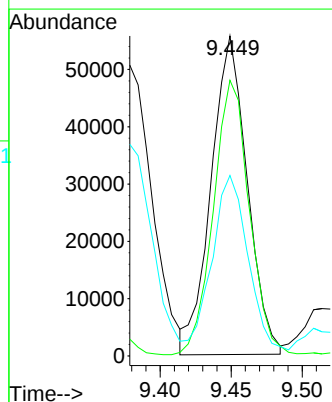
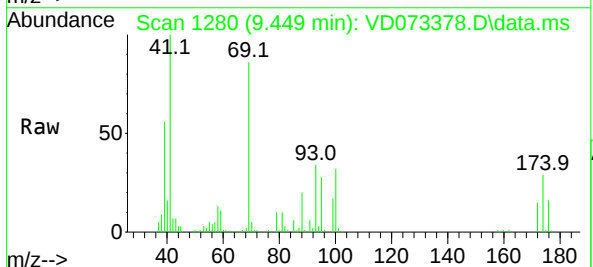
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

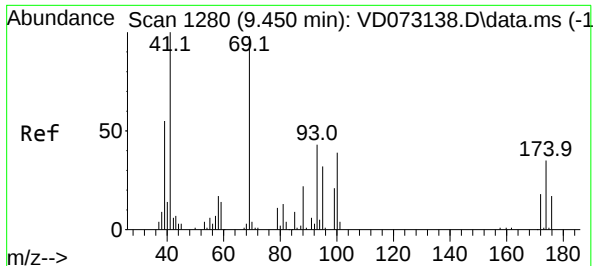
Tgt Ion: 83 Resp: 261608
Ion Ratio Lower Upper
83 100
85 65.3 51.4 77.0
127 8.1 6.1 9.1



#48
Methyl methacrylate
Concen: 54.638 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 41 Resp: 98147
Ion Ratio Lower Upper
41 100
69 85.8 56.7 85.1#
39 58.8 42.7 64.1





#49

1,4-Dioxane

Concen: 1172.093 ug/l

RT: 9.455 min Scan# 1280

Delta R.T. 0.005 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

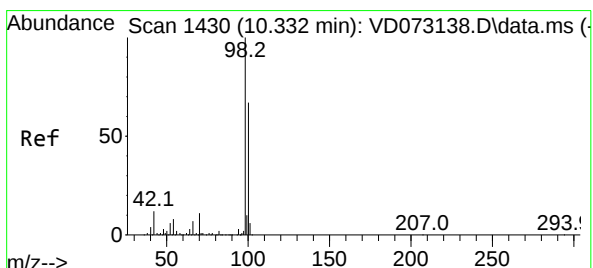
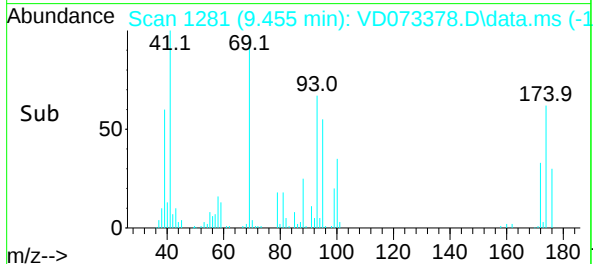
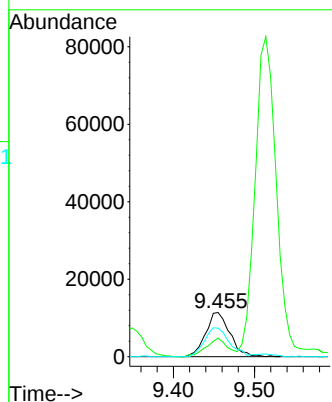
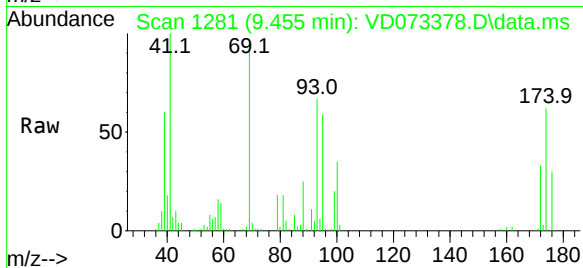
Tgt Ion: 88 Resp: 23596

Ion Ratio Lower Upper

88 100

43 37.7 31.0 46.4

58 67.3 58.1 87.1



#50

Toluene-d8

Concen: 52.495 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD073378.D

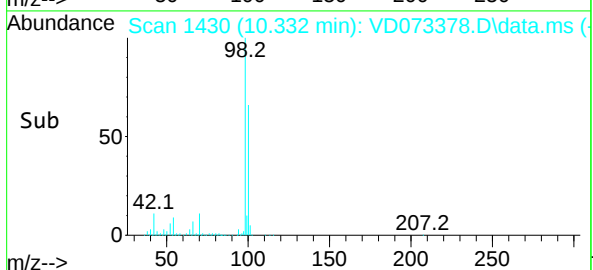
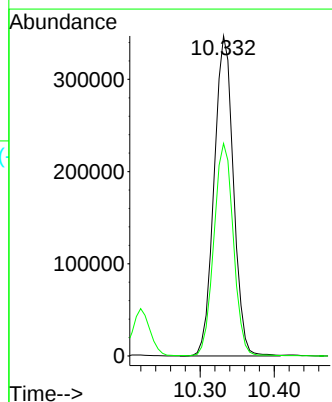
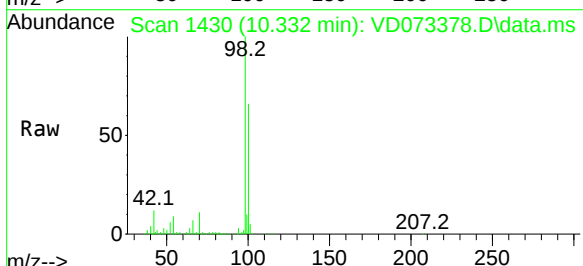
Acq: 25 May 2022 23:36

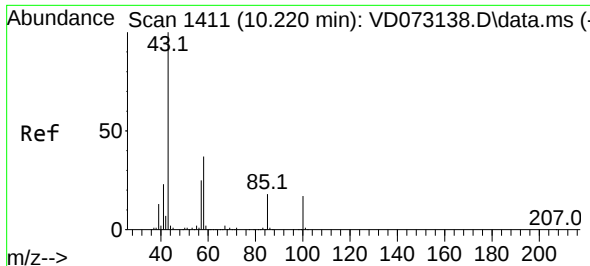
Tgt Ion: 98 Resp: 629215

Ion Ratio Lower Upper

98 100

100 66.6 52.4 78.6

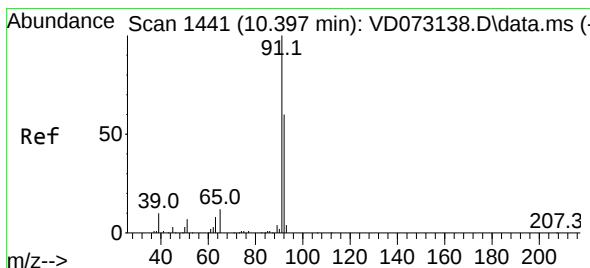
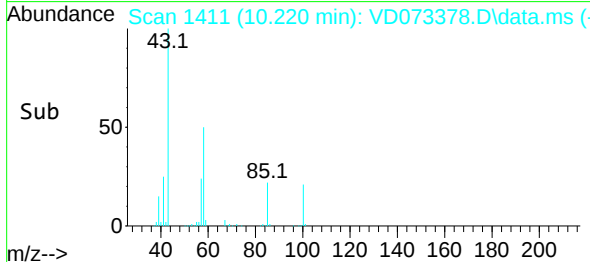
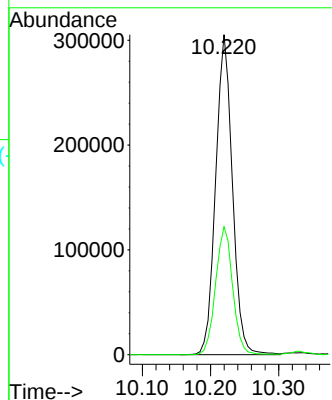
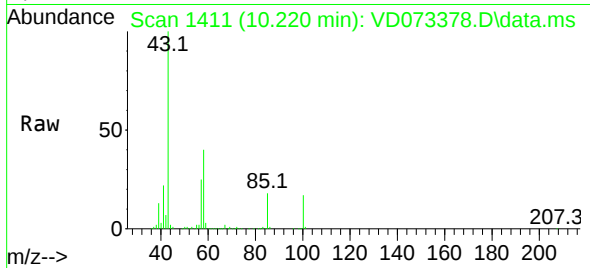




#51
4-Methyl-2-Pentanone
Concen: 282.008 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

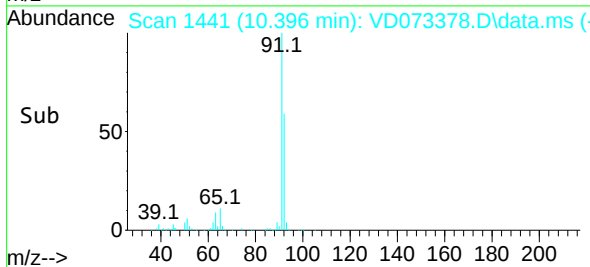
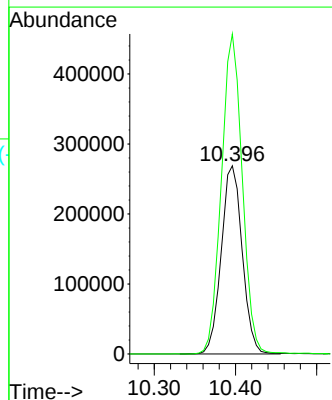
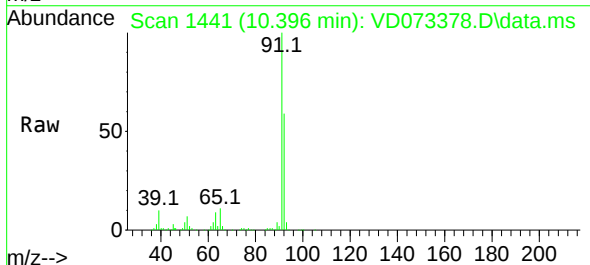
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

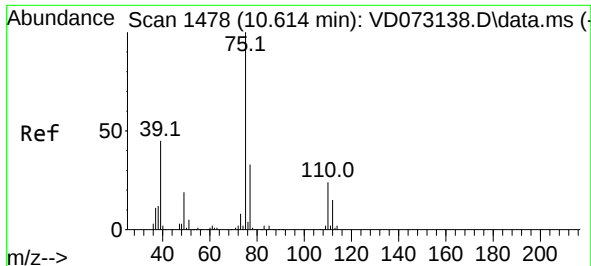
Tgt Ion: 43 Resp: 522955
Ion Ratio Lower Upper
43 100
58 40.6 28.6 43.0



#52
Toluene
Concen: 54.193 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 92 Resp: 482660
Ion Ratio Lower Upper
92 100
91 169.5 139.6 209.4

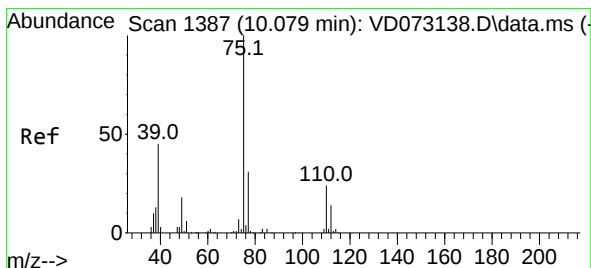
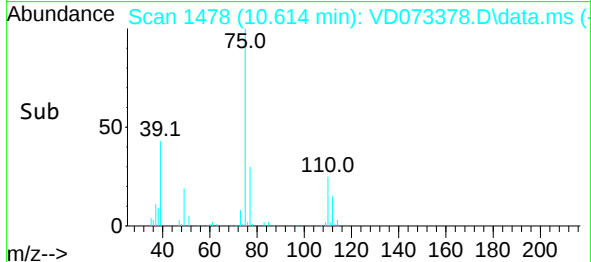
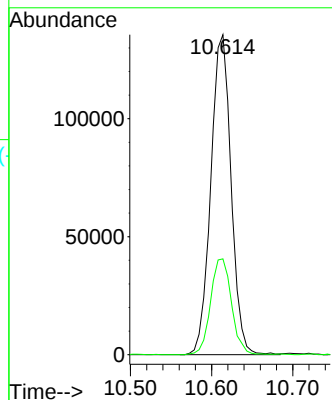
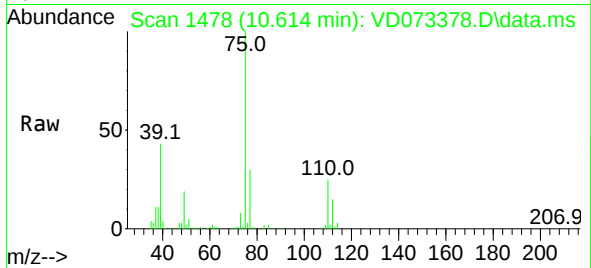




#53
t-1,3-Dichloropropene
Concen: 52.157 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

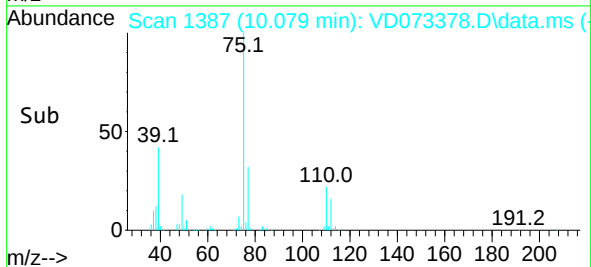
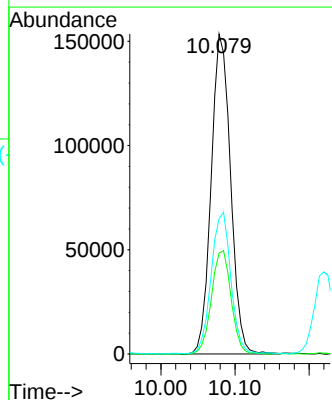
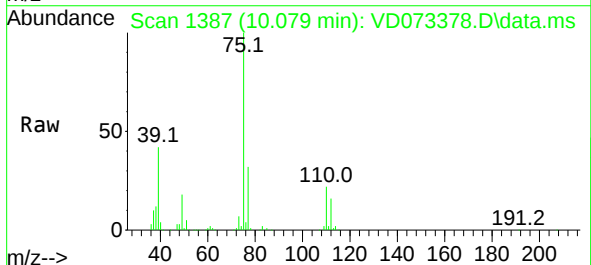
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

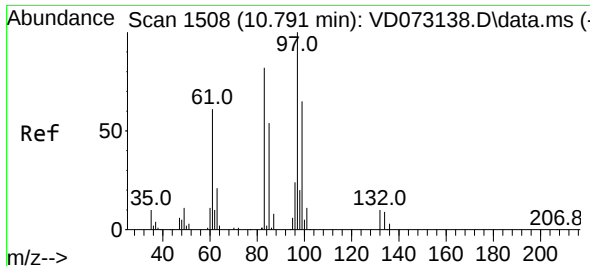
Tgt Ion: 75 Resp: 235030
Ion Ratio Lower Upper
75 100
77 29.9 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 51.729 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 75 Resp: 278948
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 42.1 46.8 70.2#

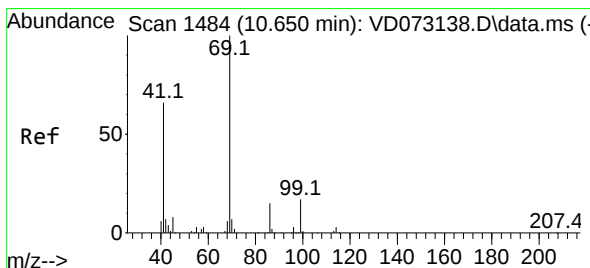
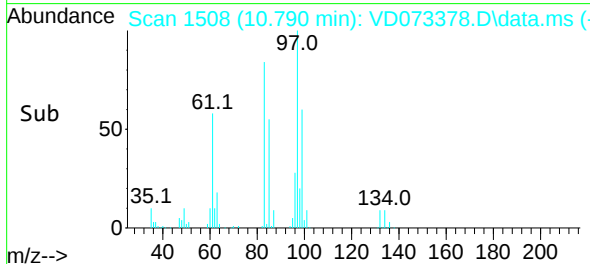
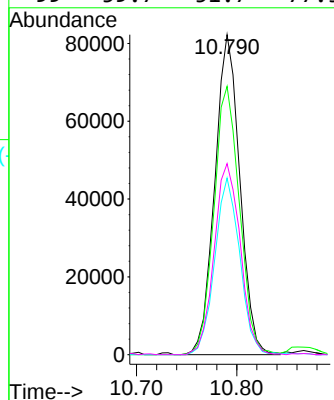
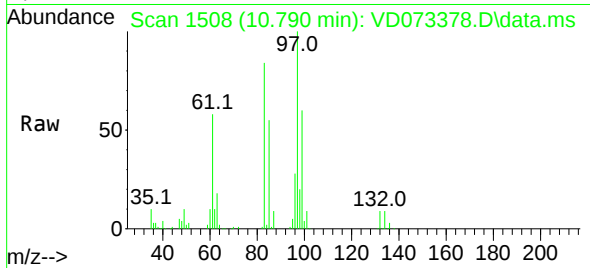




#55
1,1,2-Trichloroethane
Concen: 54.169 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

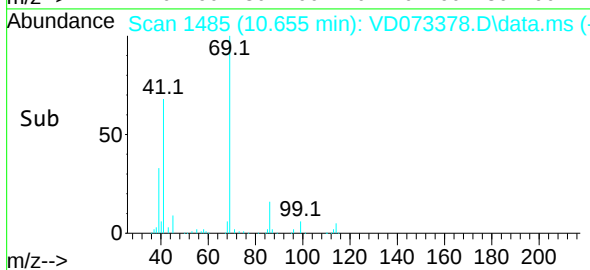
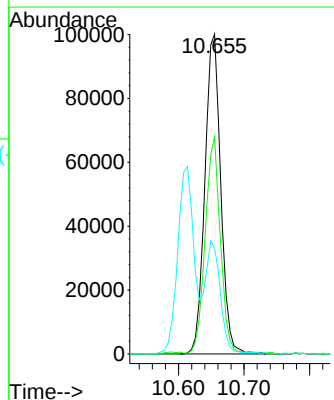
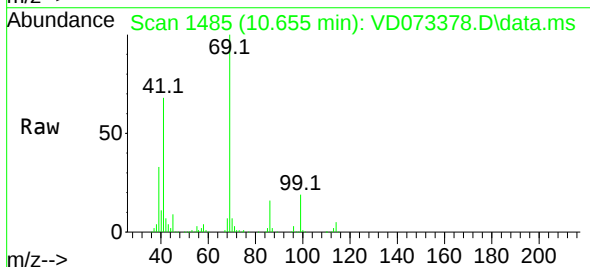
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

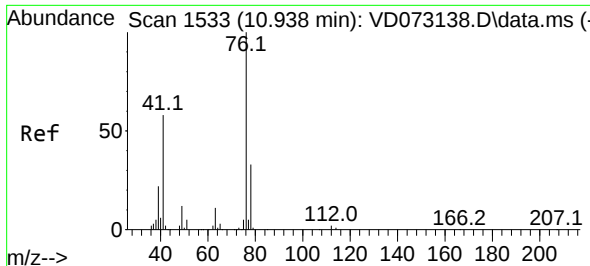
Tgt Ion:	97	Resp:	142796
Ion	Ratio	Lower	Upper
97	100		
83	83.9	69.0	103.4
85	55.2	42.6	63.8
99	59.7	51.7	77.5



#56
Ethyl methacrylate
Concen: 57.559 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:	69	Resp:	168700
Ion	Ratio	Lower	Upper
69	100		
41	64.5	63.0	94.6
39	33.4	33.8	50.8





#57

1,3-Dichloropropane

Concen: 55.251 ug/l

RT: 10.937 min Scan# 1533

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

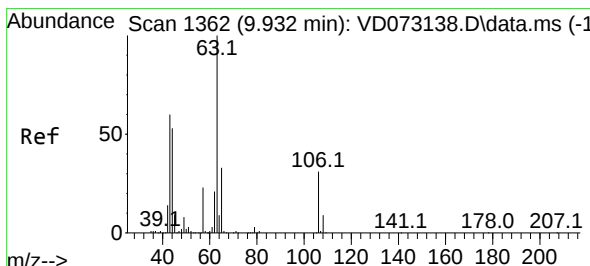
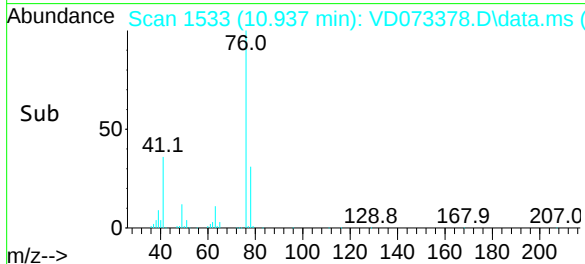
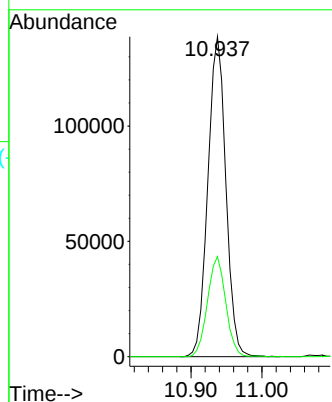
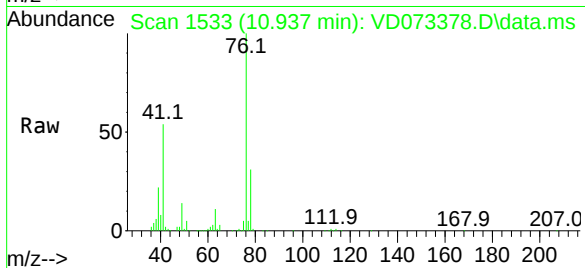
VSTDCCC050EC

Tgt Ion: 76 Resp: 244384

Ion Ratio Lower Upper

76 100

78 31.8 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 277.708 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073378.D

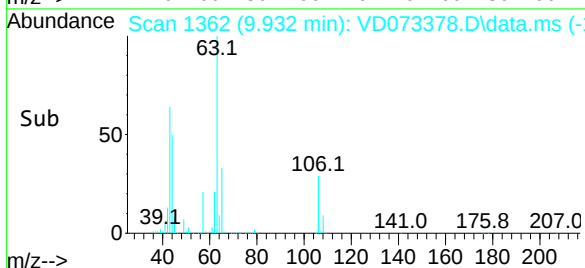
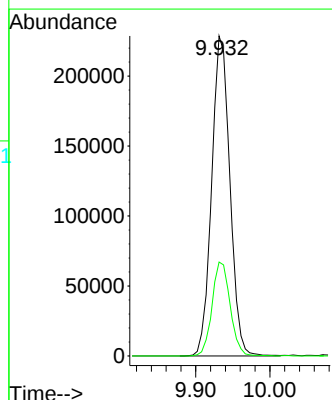
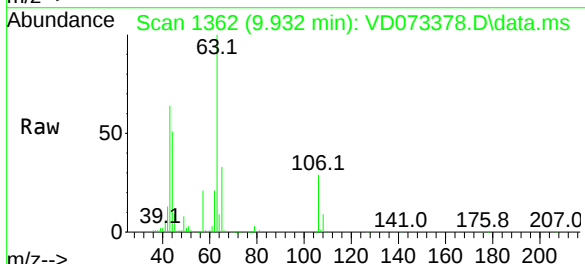
Acq: 25 May 2022 23:36

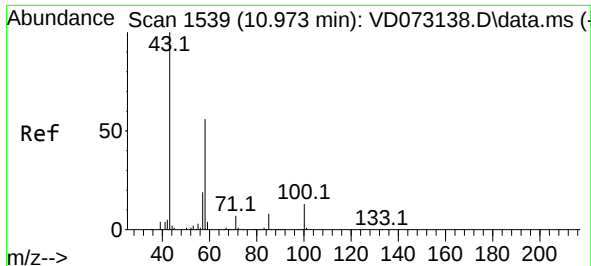
Tgt Ion: 63 Resp: 390360

Ion Ratio Lower Upper

63 100

106 29.1 21.4 32.0

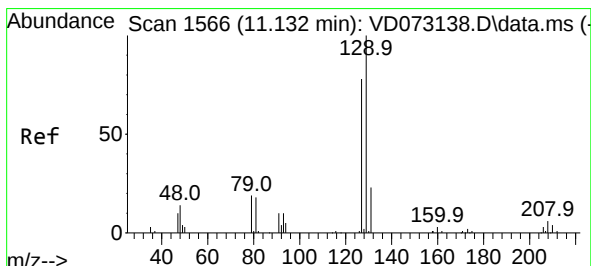
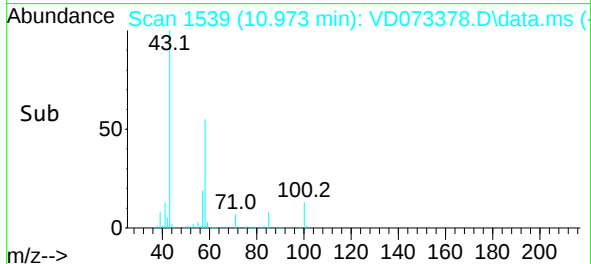
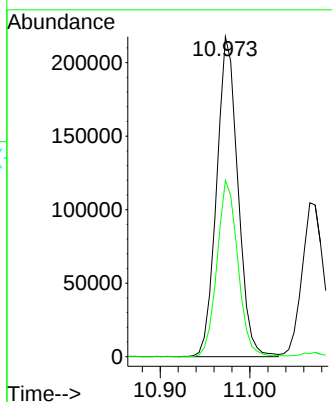
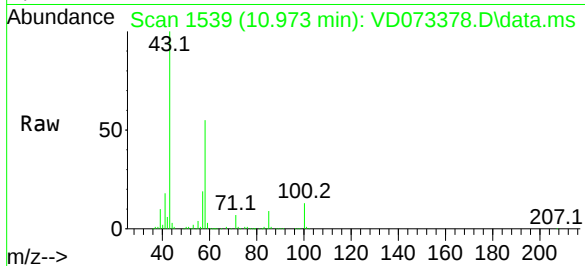




#59
2-Hexanone
Concen: 293.517 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

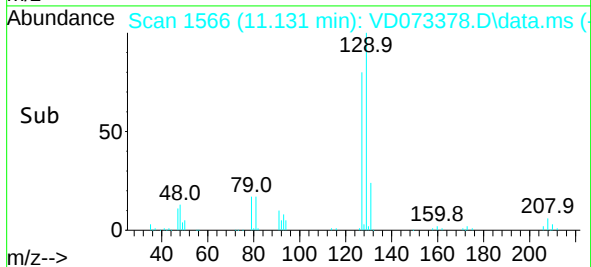
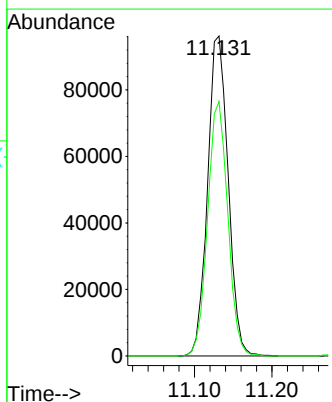
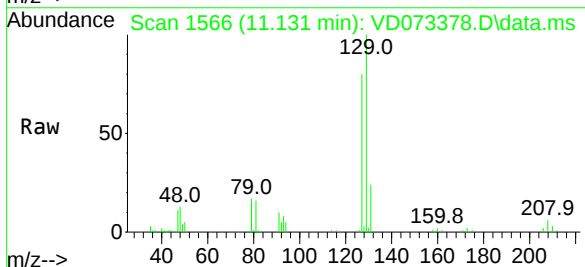
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

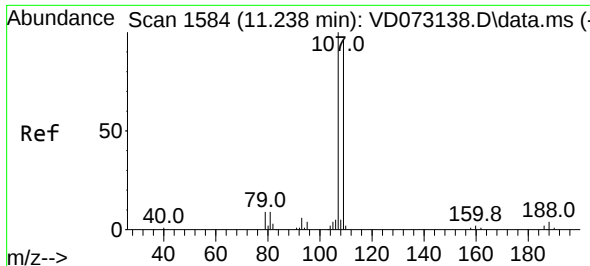
Tgt Ion: 43 Resp: 358847
Ion Ratio Lower Upper
43 100
58 53.9 25.3 75.9



#60
Dibromochloromethane
Concen: 53.917 ug/l
RT: 11.131 min Scan# 1566
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 129 Resp: 177226
Ion Ratio Lower Upper
129 100
127 78.1 39.2 117.6

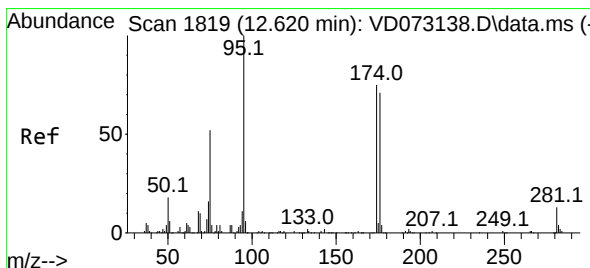
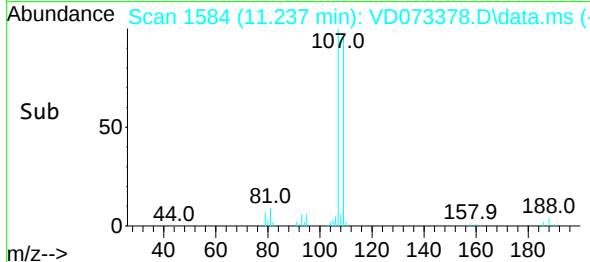
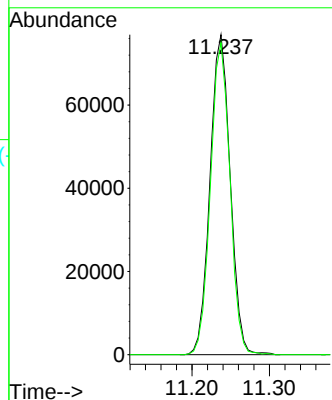
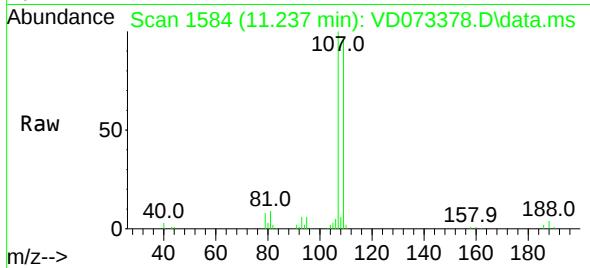




#61
1,2-Dibromoethane
Concen: 55.372 ug/l
RT: 11.237 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

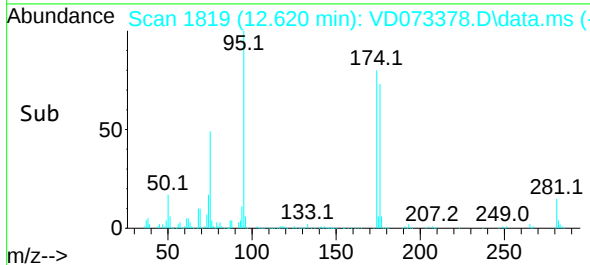
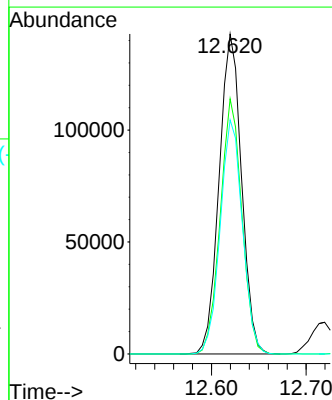
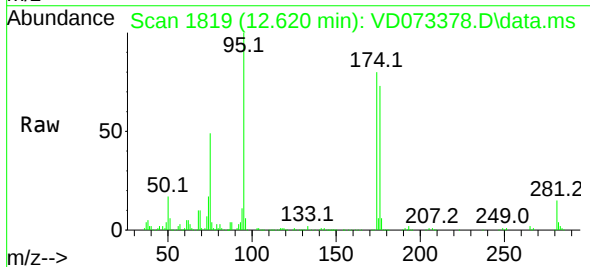
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

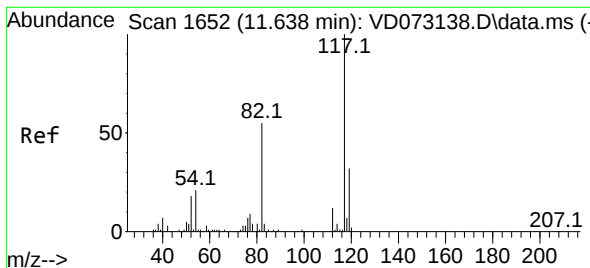
Tgt Ion:107 Resp: 139481
Ion Ratio Lower Upper
107 100
109 93.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.769 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 95 Resp: 234587
Ion Ratio Lower Upper
95 100
174 77.1 0.0 152.8
176 72.7 0.0 145.4

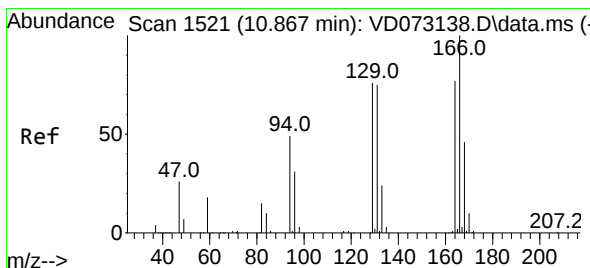
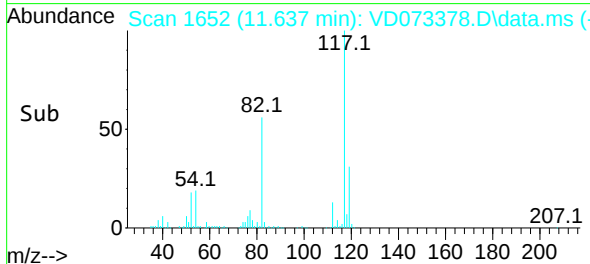
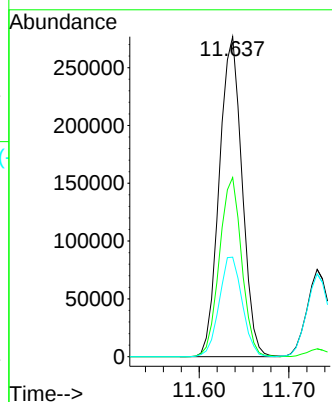
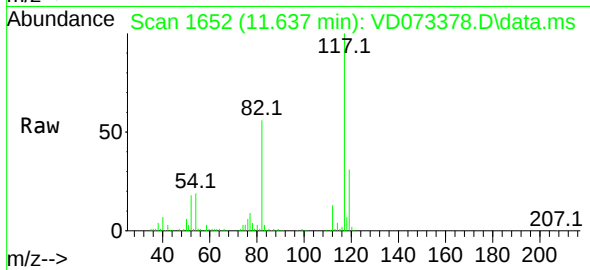




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

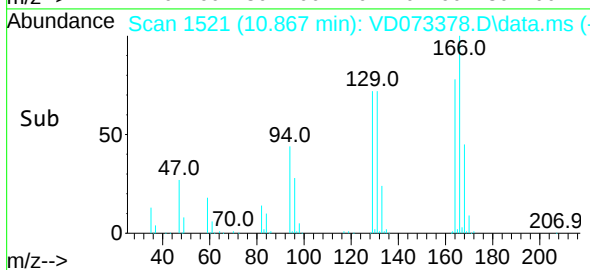
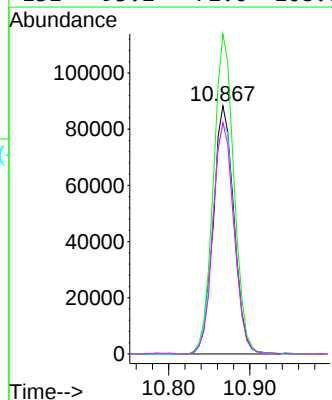
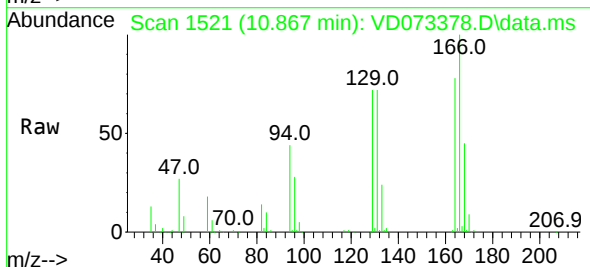
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

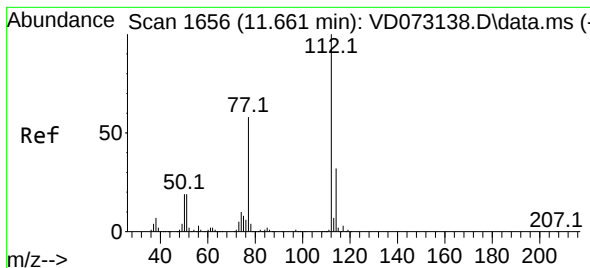
Tgt Ion:117 Resp: 487044
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.1 26.6 40.0



#64
Tetrachloroethene
Concen: 49.147 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:164 Resp: 156780
Ion Ratio Lower Upper
164 100
166 128.9 98.5 147.7
129 92.7 74.6 111.8
131 93.2 72.0 108.0

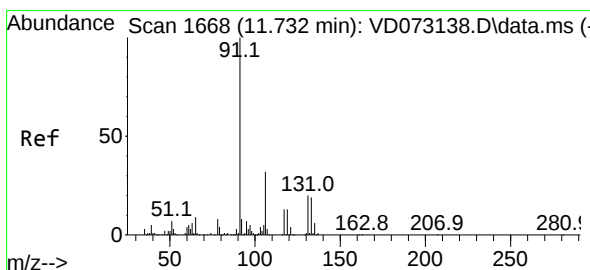
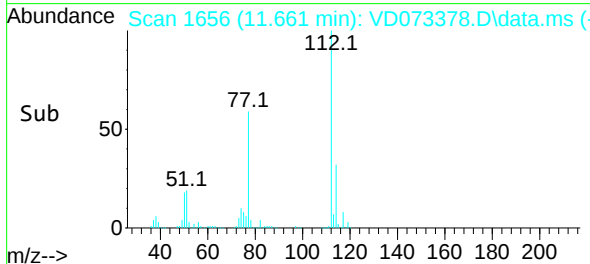
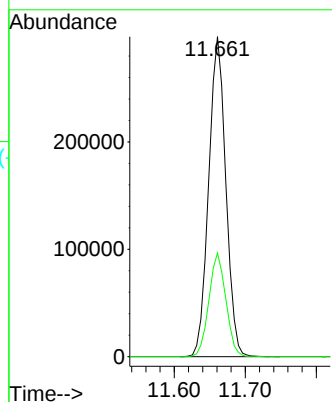
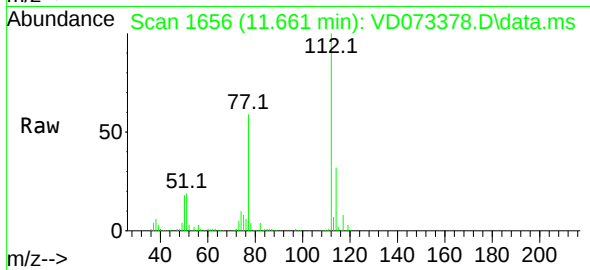




#65
Chlorobenzene
Concen: 49.975 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

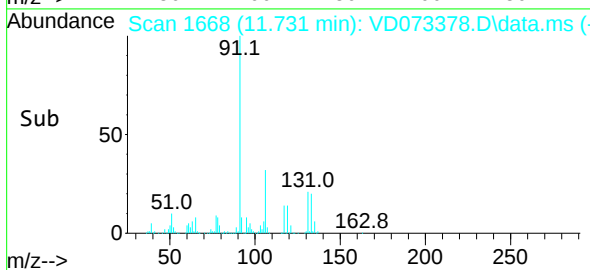
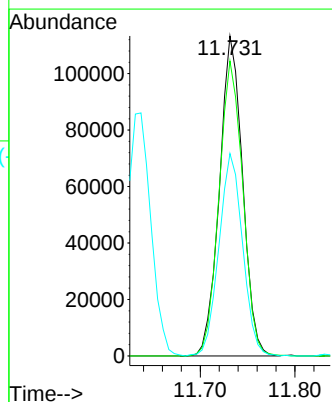
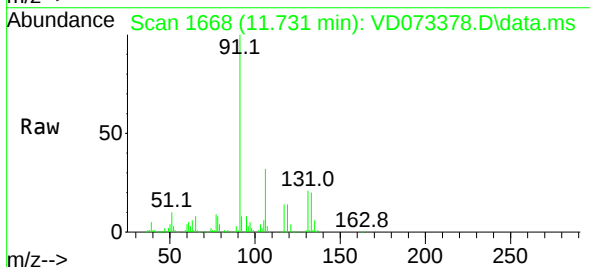
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

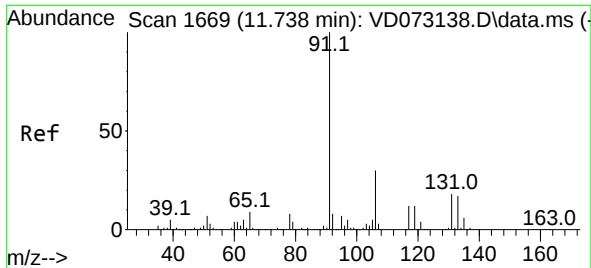
Tgt Ion:112 Resp: 499333
Ion Ratio Lower Upper
112 100
114 32.4 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 51.918 ug/l
RT: 11.731 min Scan# 1668
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:131 Resp: 192386
Ion Ratio Lower Upper
131 100
133 94.6 48.1 144.3
119 64.8 31.9 95.9

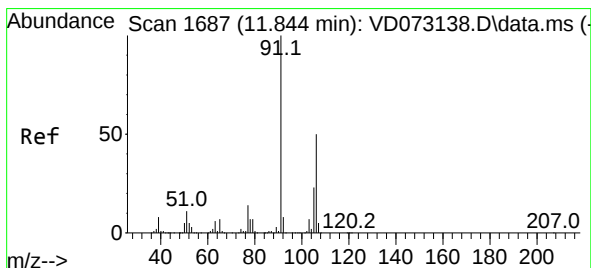
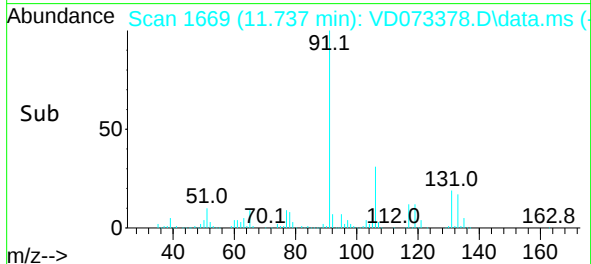
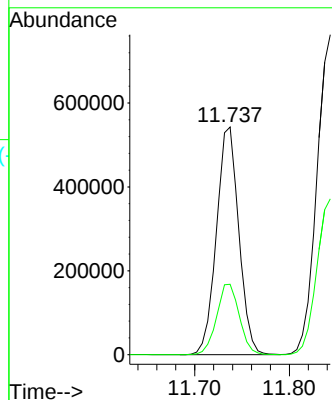
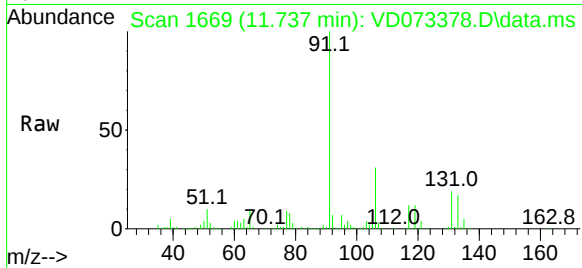




#67
Ethyl Benzene
Concen: 50.841 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

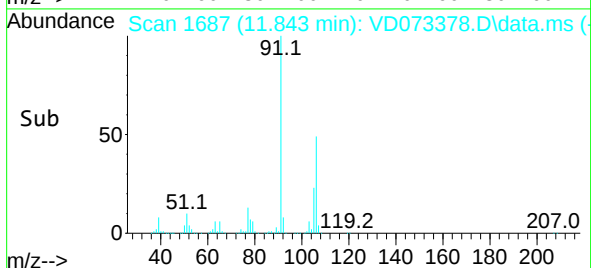
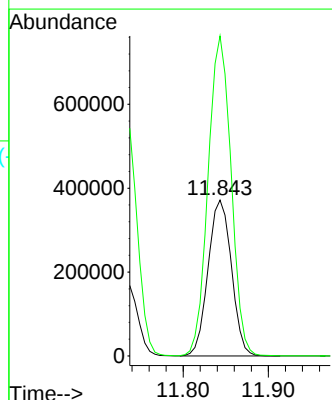
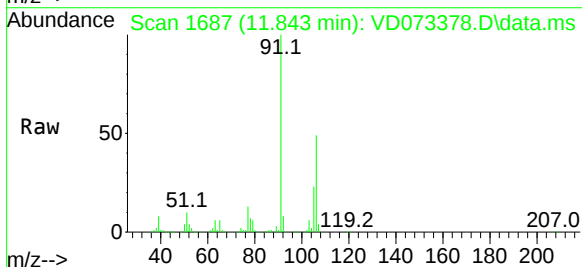
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

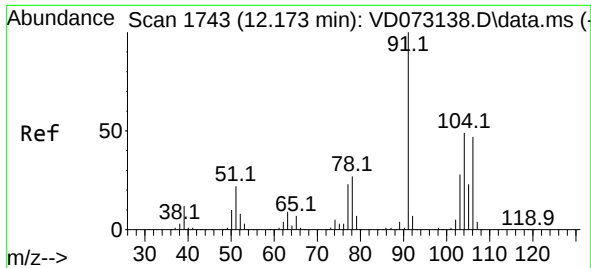
Tgt Ion: 91 Resp: 891755
Ion Ratio Lower Upper
91 100
106 31.0 24.2 36.4



#68
m/p-Xylenes
Concen: 103.928 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 106 Resp: 708214
Ion Ratio Lower Upper
106 100
91 202.1 163.7 245.5

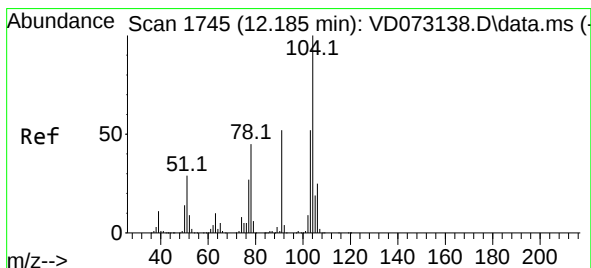
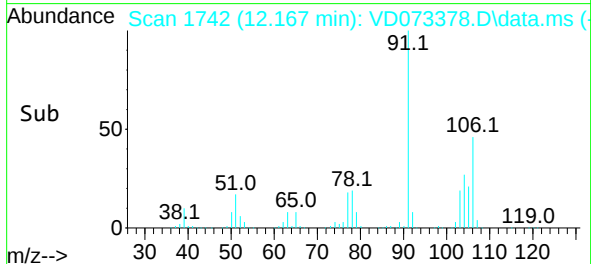
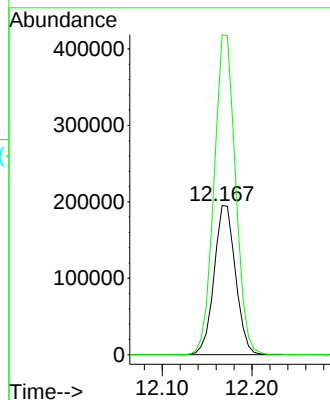
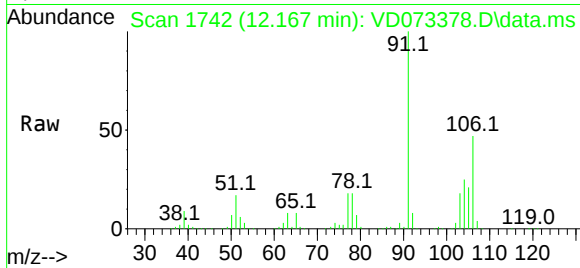




#69
o-Xylene
Concen: 51.655 ug/l
RT: 12.167 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

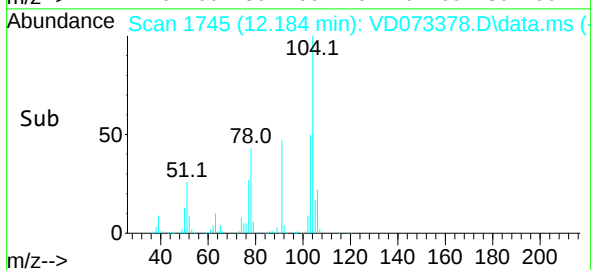
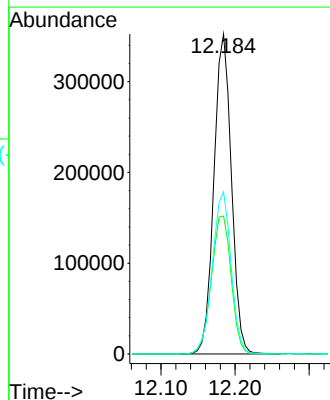
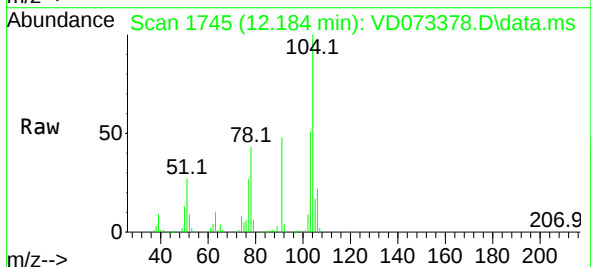
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

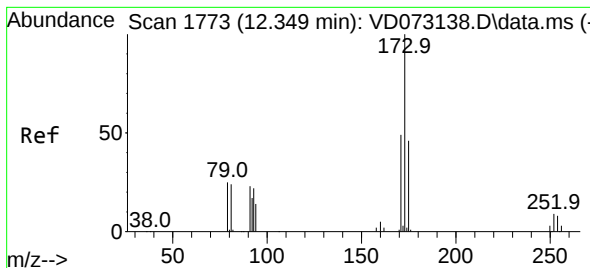
Tgt Ion:106 Resp: 323368
Ion Ratio Lower Upper
106 100
91 215.4 110.4 331.2



#70
Styrene
Concen: 53.678 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:104 Resp: 578140
Ion Ratio Lower Upper
104 100
78 48.8 41.8 62.8
103 54.3 44.2 66.4





#71

Bromoform

Concen: 54.308 ug/l

RT: 12.349 min Scan# 1773

Delta R.T. 0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

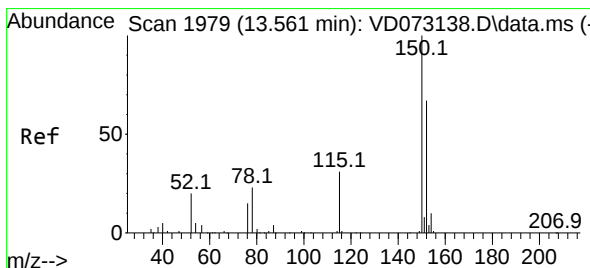
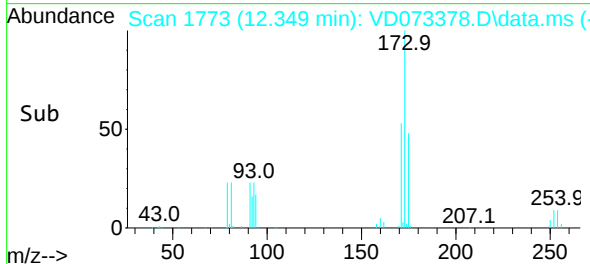
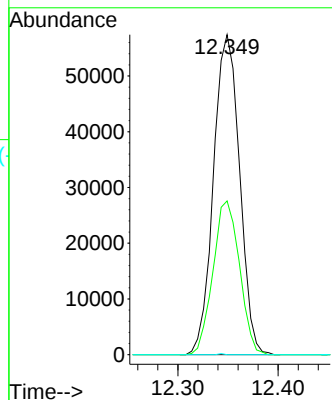
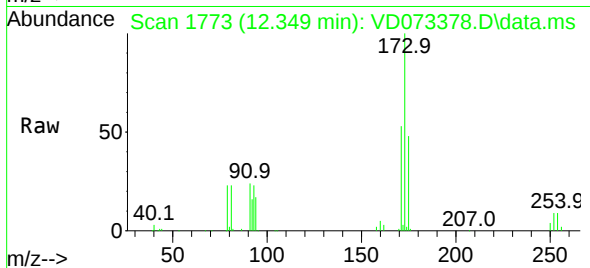
Tgt Ion:173 Resp: 103573

Ion Ratio Lower Upper

173 100

175 48.8 23.9 71.8

254 0.1 0.0 0.0#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.561 min Scan# 1979

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

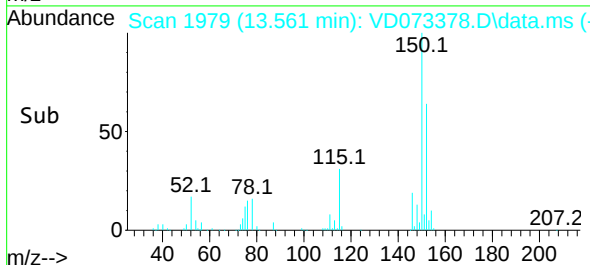
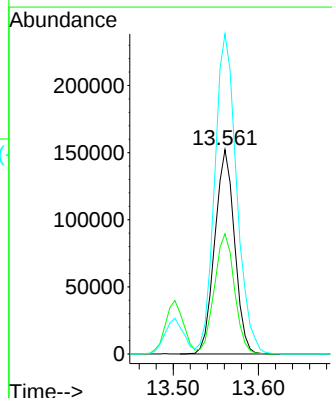
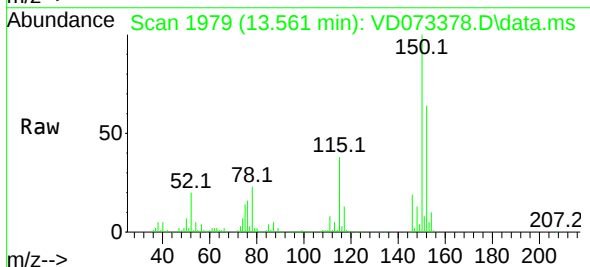
Tgt Ion:152 Resp: 245308

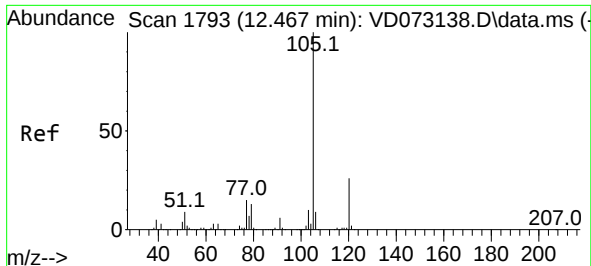
Ion Ratio Lower Upper

152 100

115 60.0 31.3 93.8

150 173.8 0.0 348.6

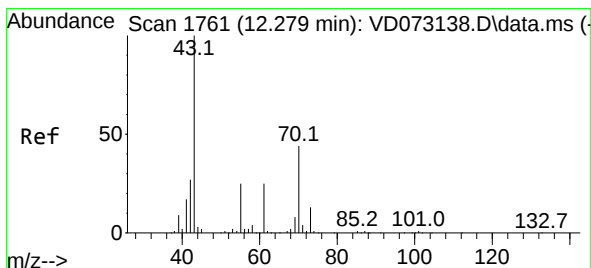
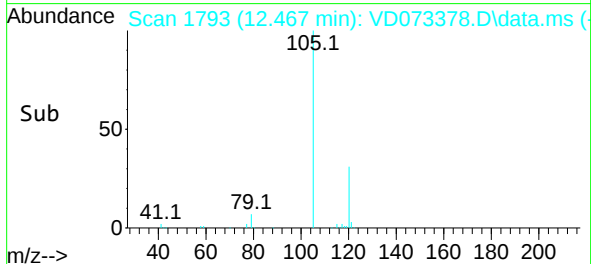
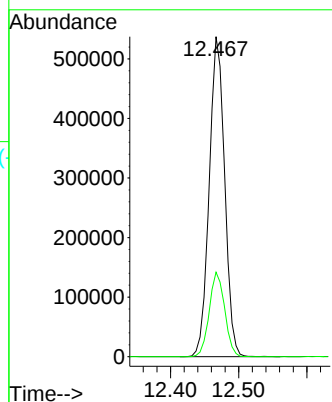
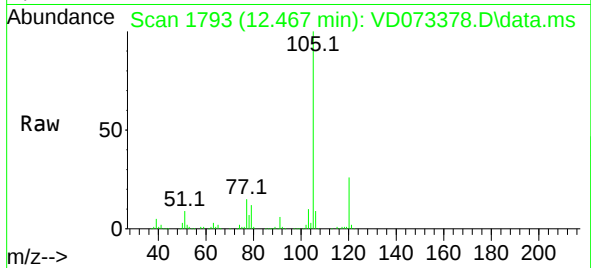




#73
Isopropylbenzene
Concen: 48.398 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

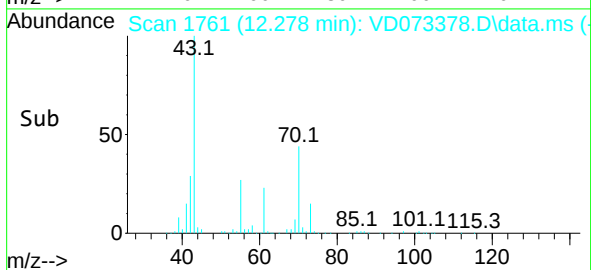
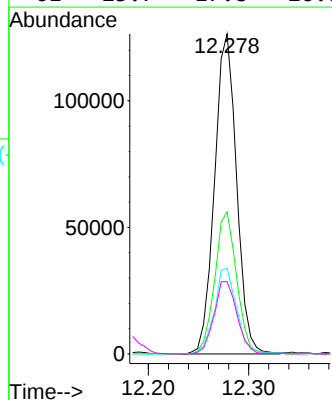
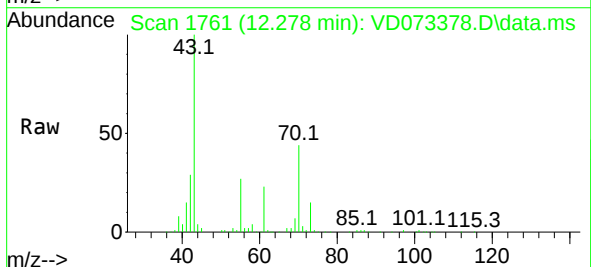
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

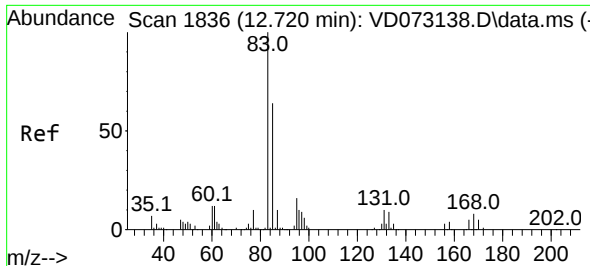
Tgt Ion:105 Resp: 846372
Ion Ratio Lower Upper
105 100
120 26.4 13.0 38.9



#74
N-ethyl acetate
Concen: 50.491 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 43 Resp: 192622
Ion Ratio Lower Upper
43 100
70 44.1 31.3 46.9
55 27.2 20.0 30.0
61 23.7 17.8 26.8

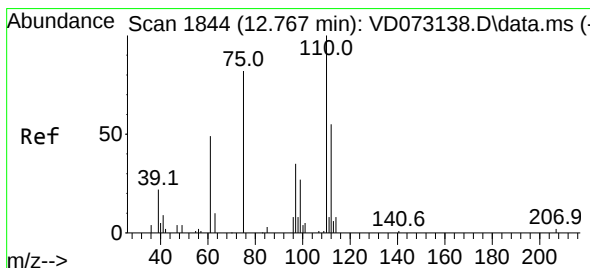
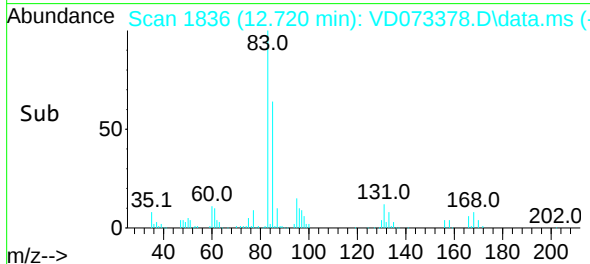
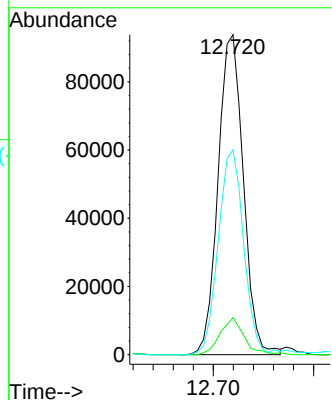
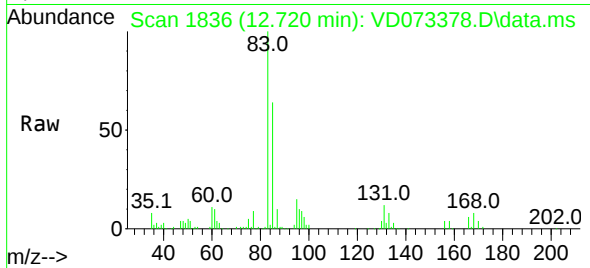




#75
1,1,2,2-Tetrachloroethane
Concen: 50.854 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

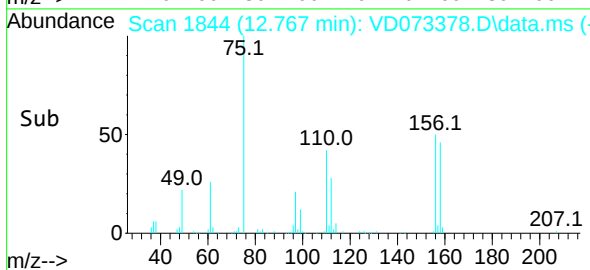
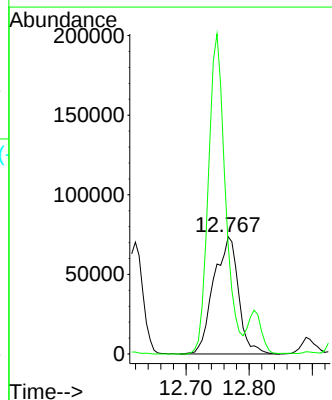
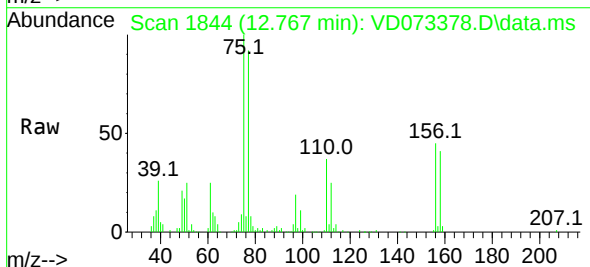
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

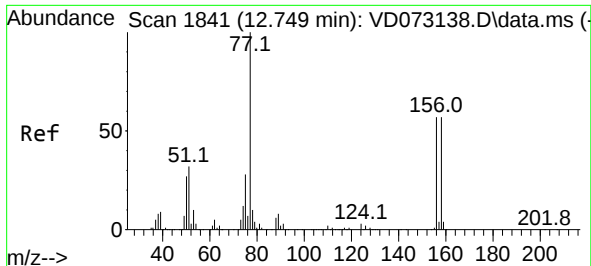
Tgt Ion: 83 Resp: 164019
Ion Ratio Lower Upper
83 100
131 11.1 5.0 14.9
85 64.1 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 83.375 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 75 Resp: 200675
Ion Ratio Lower Upper
75 100
77 187.9 0.0 0.0#

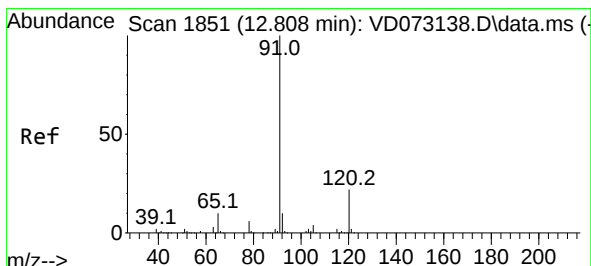
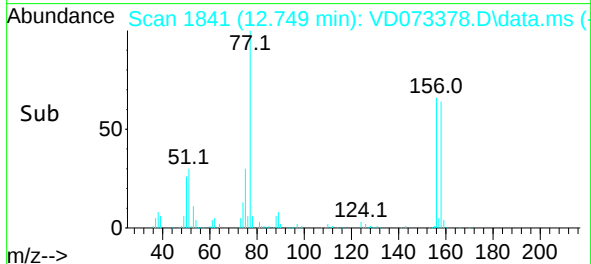
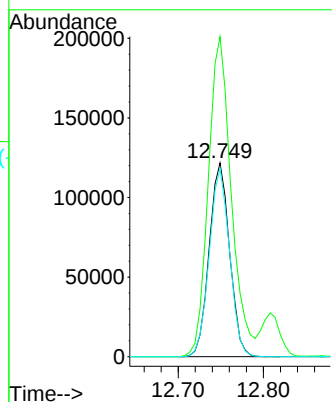
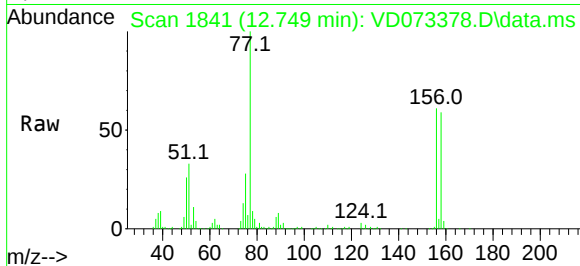




#77
Bromobenzene
Concen: 49.117 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

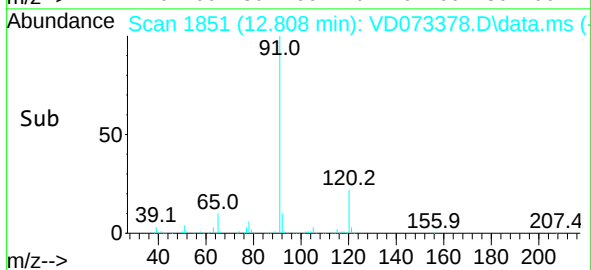
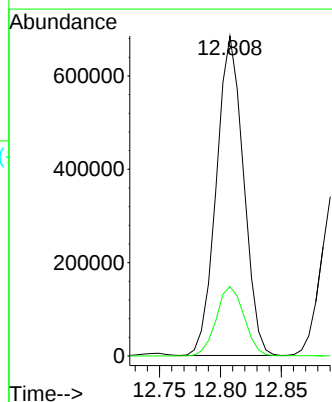
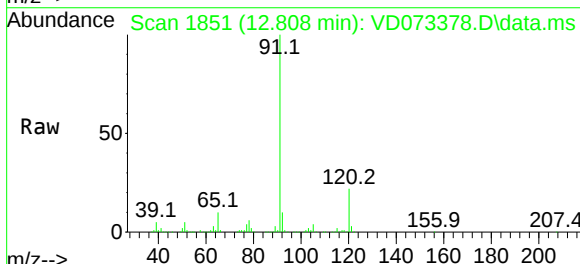
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

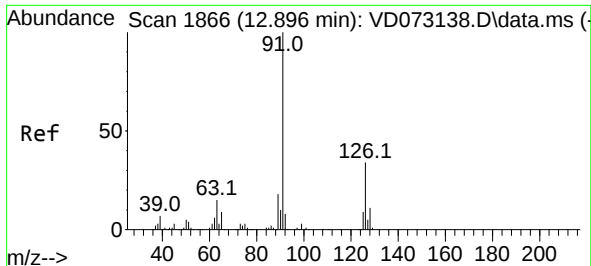
Tgt Ion:156 Resp: 202196
Ion Ratio Lower Upper
156 100
77 186.5 102.8 308.3
158 96.3 48.7 146.1



#78
n-propylbenzene
Concen: 48.377 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 91 Resp: 1062104
Ion Ratio Lower Upper
91 100
120 22.2 10.9 32.9

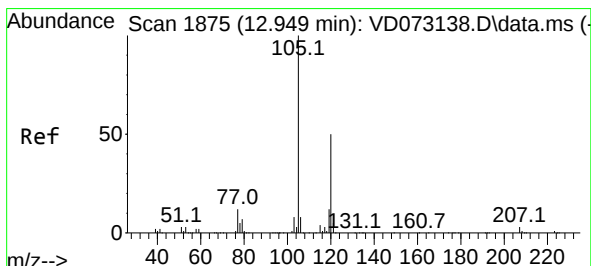
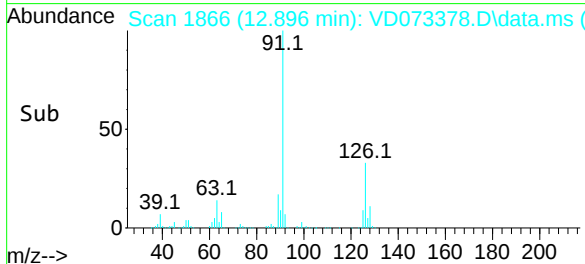
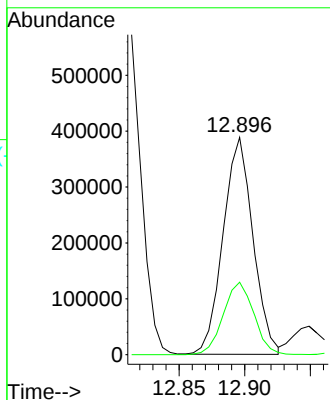
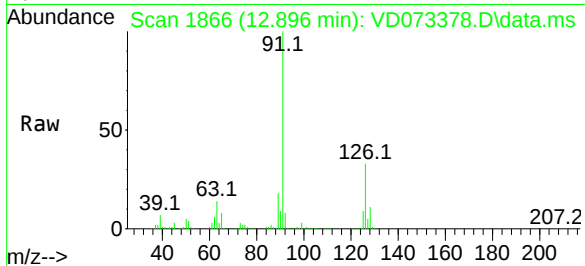




#79
2-Chlorotoluene
Concen: 48.563 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

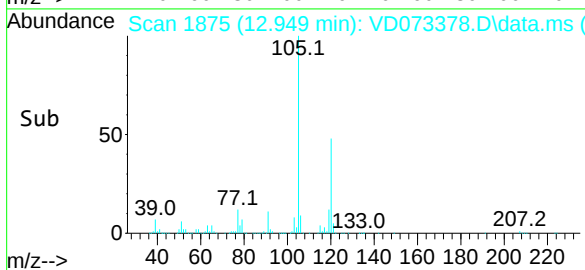
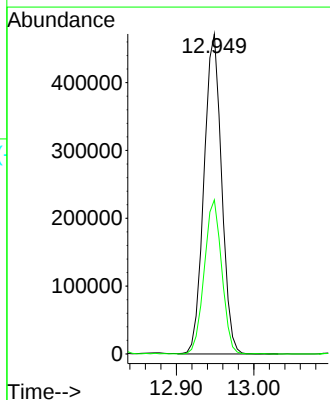
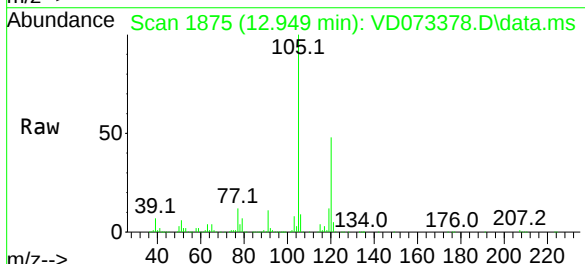
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

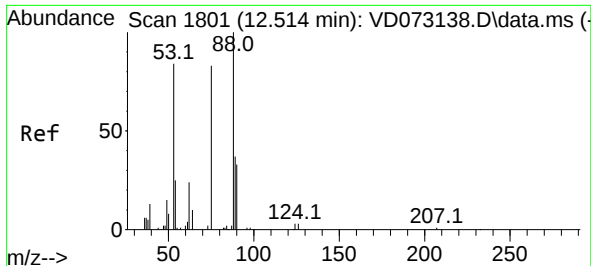
Tgt Ion: 91 Resp: 615594
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 50.154 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 105 Resp: 742976
Ion Ratio Lower Upper
105 100
120 47.6 24.3 72.8

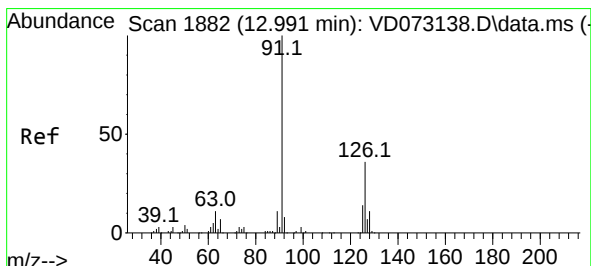
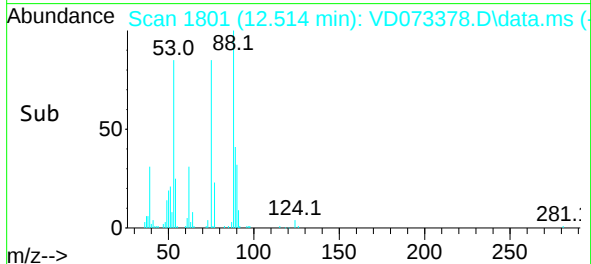
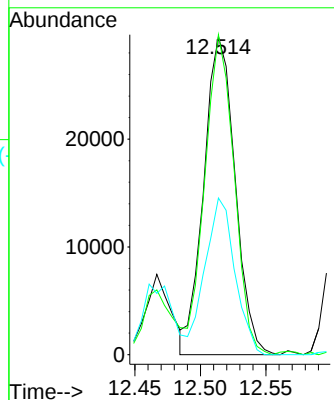
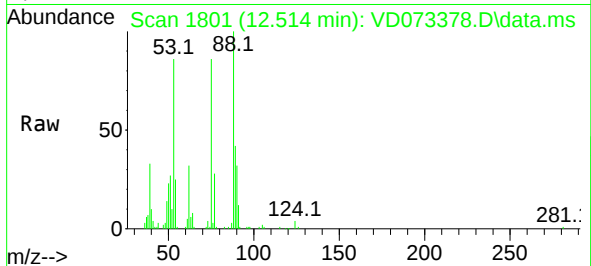




#81
trans-1,4-Dichloro-2-butene
Concen: 48.906 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

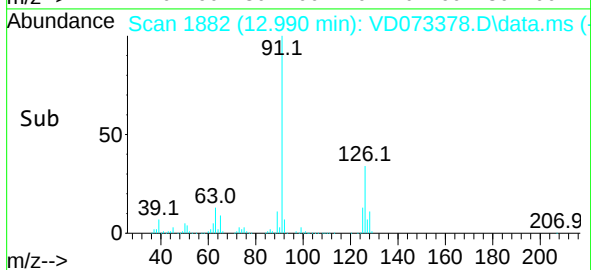
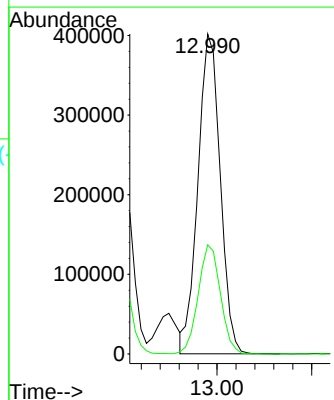
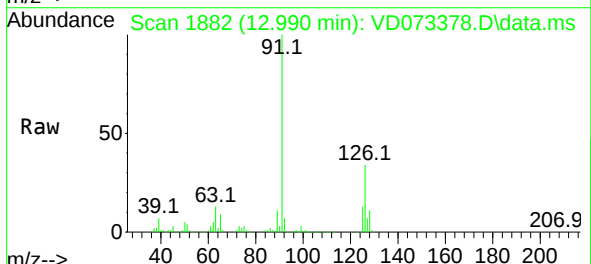
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

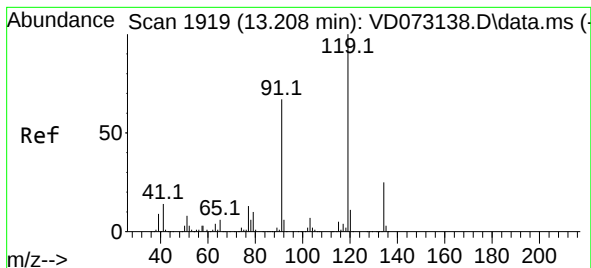
Tgt Ion: 75 Resp: 49032
Ion Ratio Lower Upper
75 100
53 92.8 86.5 129.7
89 46.7 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.390 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 91 Resp: 656236
Ion Ratio Lower Upper
91 100
126 34.1 16.5 49.5





#83

tert-Butylbenzene

Concen: 49.002 ug/l

RT: 13.208 min Scan# 1919

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

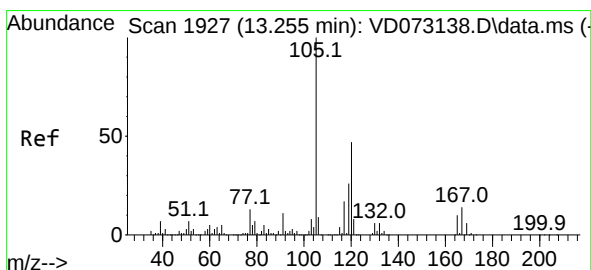
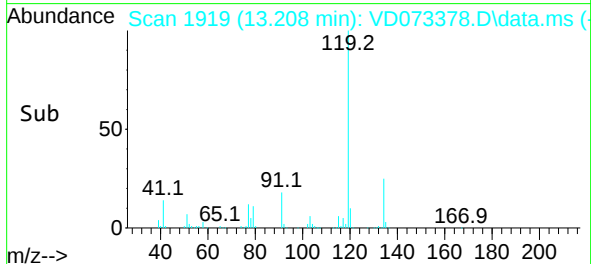
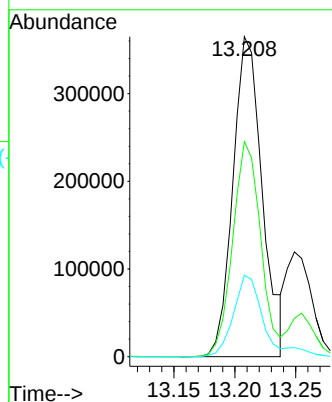
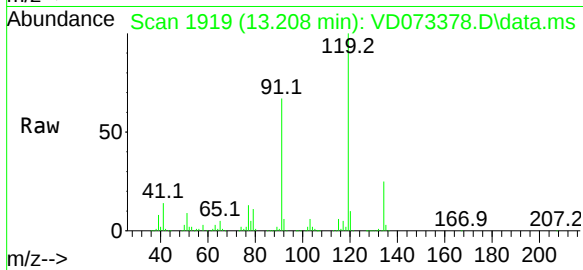
Tgt Ion:119 Resp: 611801

Ion Ratio Lower Upper

119 100

91 64.3 34.8 104.5

134 26.3 13.3 39.9



#84

1,2,4-Trimethylbenzene

Concen: 50.196 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073378.D

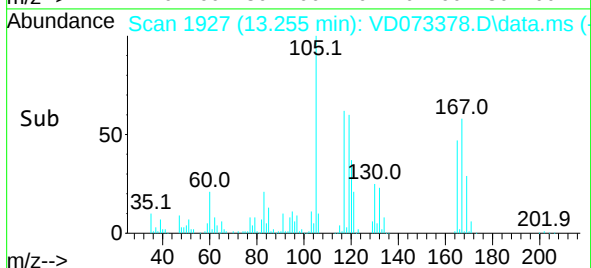
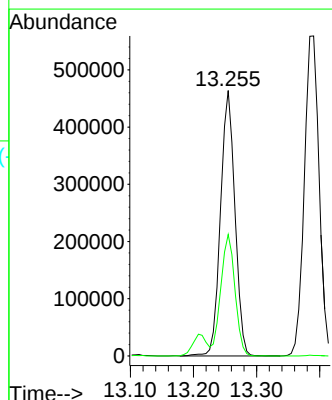
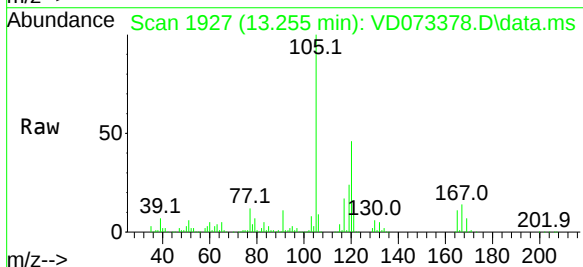
Acq: 25 May 2022 23:36

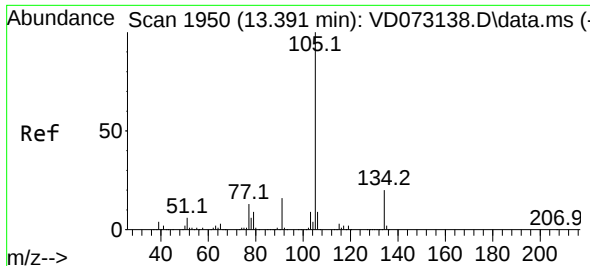
Tgt Ion:105 Resp: 734604

Ion Ratio Lower Upper

105 100

120 45.1 22.3 66.8

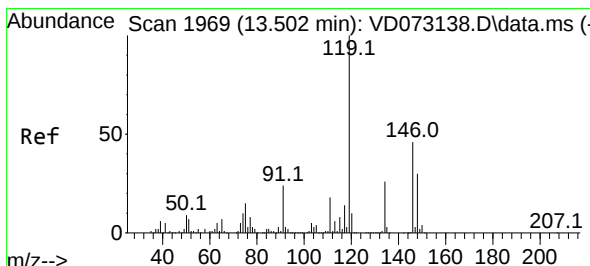
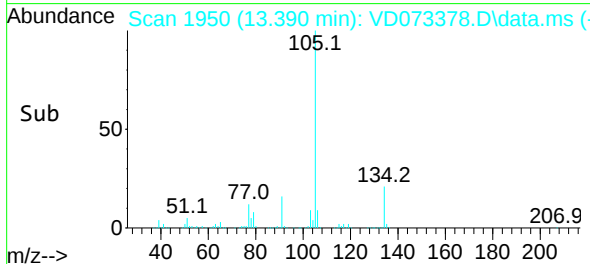
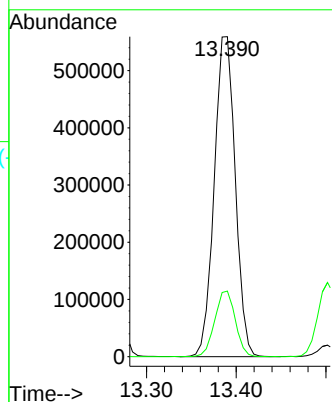
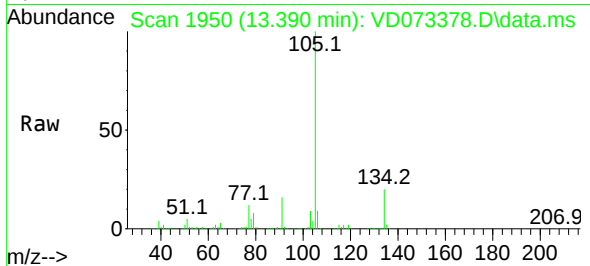




#85
 sec-Butylbenzene
 Concen: 47.742 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

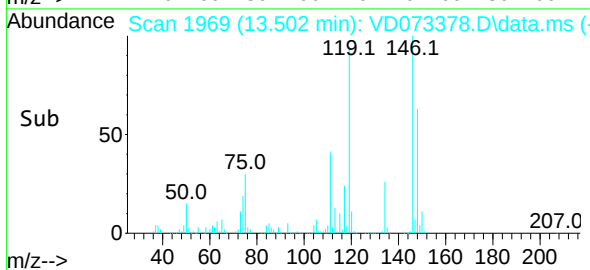
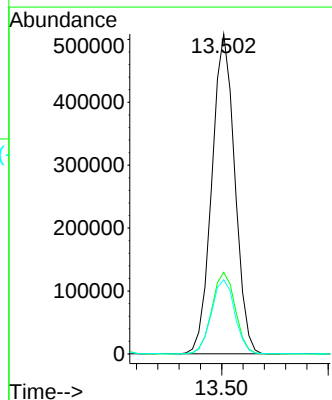
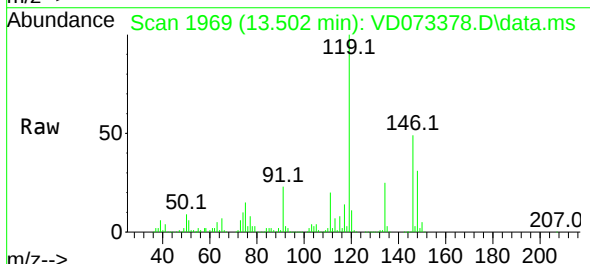
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

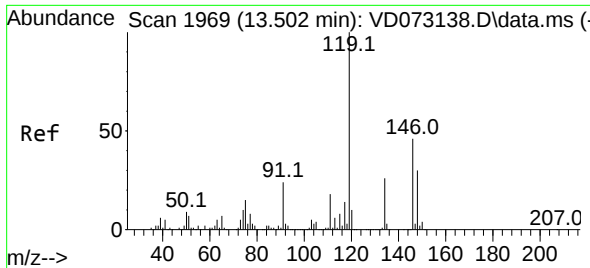
Tgt Ion:105 Resp: 910135
 Ion Ratio Lower Upper
 105 100
 134 20.1 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 48.791 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073378.D
 Acq: 25 May 2022 23:36

Tgt Ion:119 Resp: 758217
 Ion Ratio Lower Upper
 119 100
 134 26.1 12.9 38.6
 91 23.7 12.1 36.3

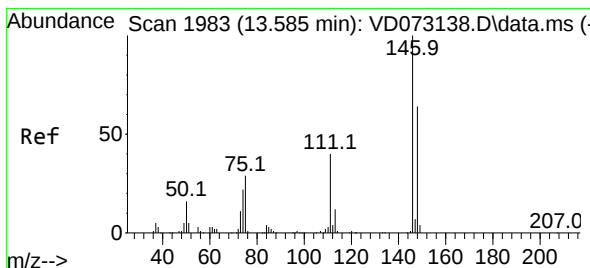
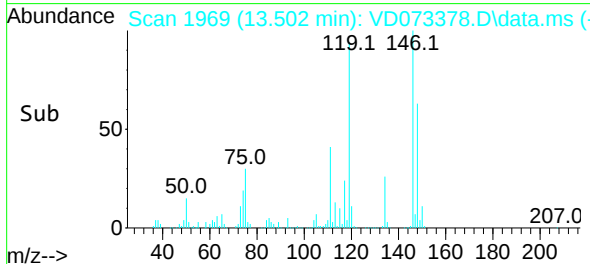
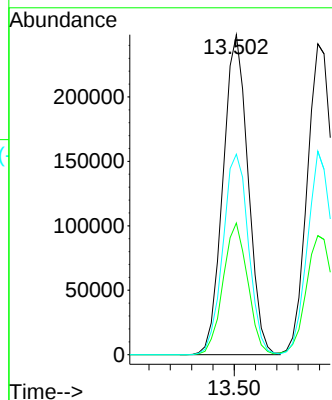
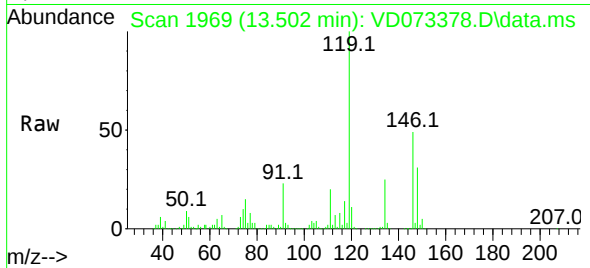




#87
1,3-Dichlorobenzene
Concen: 48.926 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

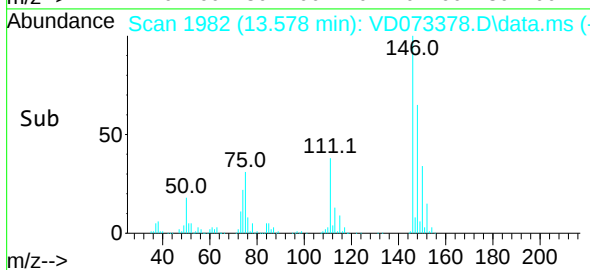
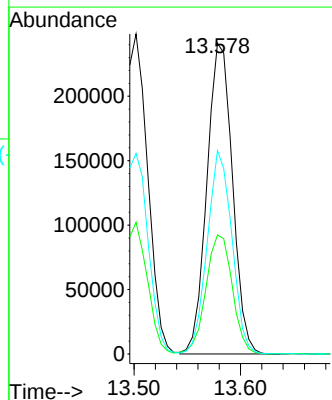
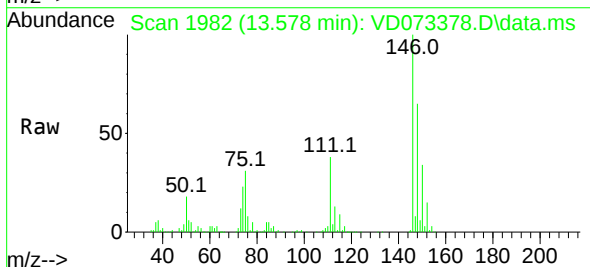
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

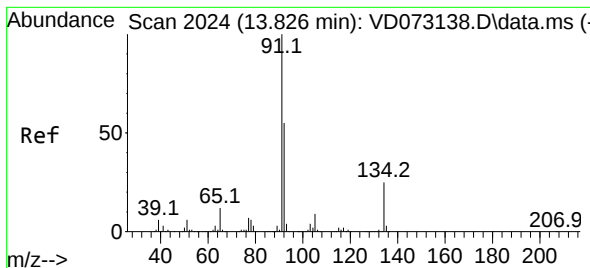
Tgt Ion:146 Resp: 405978
Ion Ratio Lower Upper
146 100
111 40.4 20.4 61.3
148 63.9 31.9 95.7



#88
1,4-Dichlorobenzene
Concen: 47.969 ug/l
RT: 13.578 min Scan# 1982
Delta R.T. -0.007 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion:146 Resp: 401792
Ion Ratio Lower Upper
146 100
111 39.6 20.3 60.9
148 63.1 31.7 95.1





#89

n-Butylbenzene

Concen: 48.284 ug/l

RT: 13.825 min Scan# 20

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

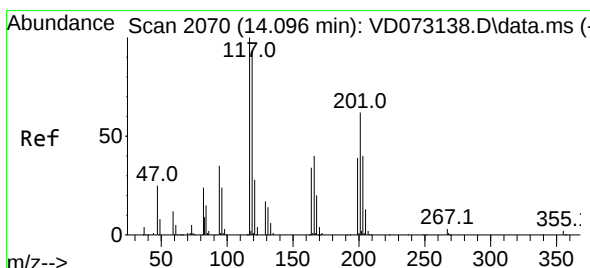
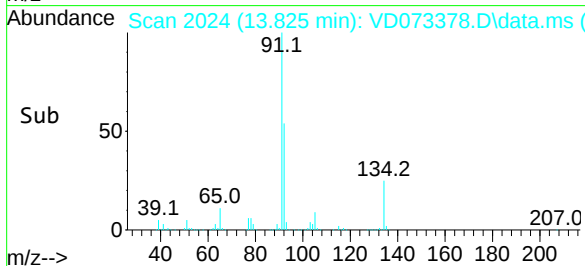
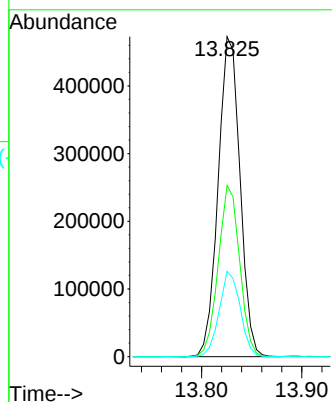
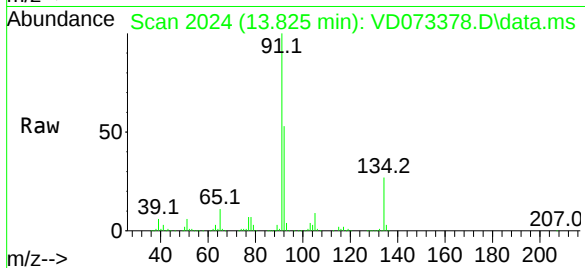
Tgt Ion: 91 Resp: 714938

Ion Ratio Lower Upper

91 100

92 52.4 26.6 79.8

134 25.7 12.3 36.9



#90

Hexachloroethane

Concen: 47.592 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073378.D

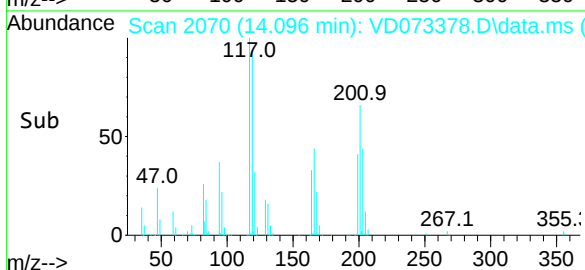
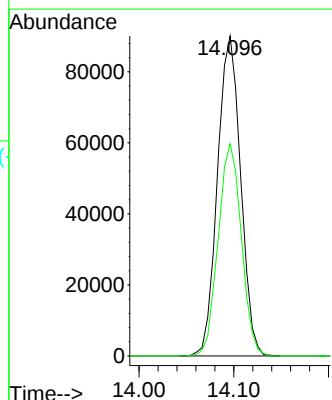
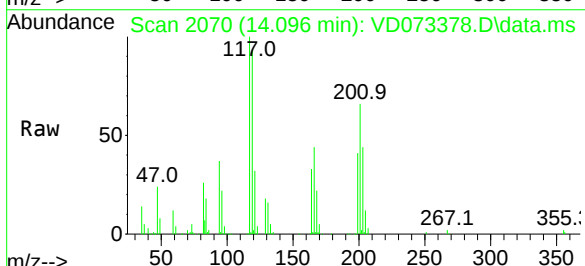
Acq: 25 May 2022 23:36

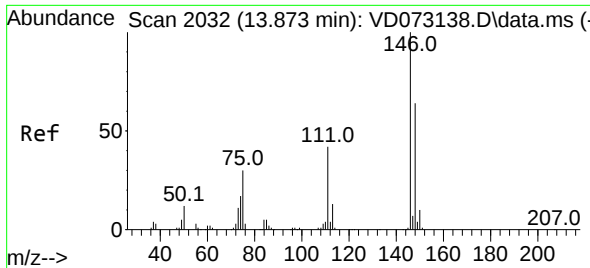
Tgt Ion: 117 Resp: 153033

Ion Ratio Lower Upper

117 100

201 66.4 33.4 100.2

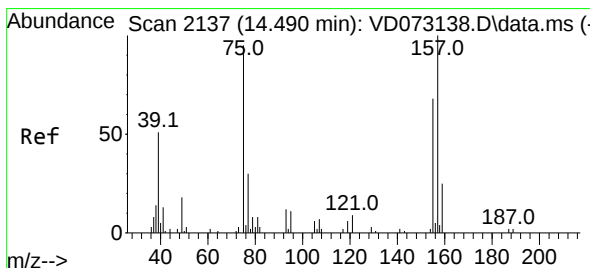
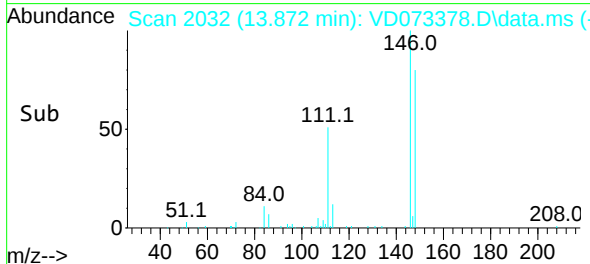
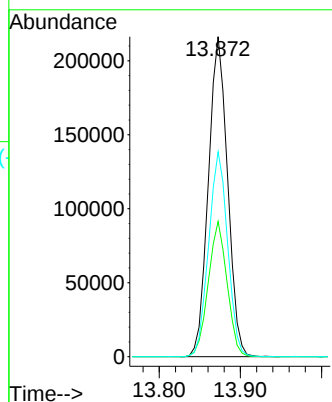
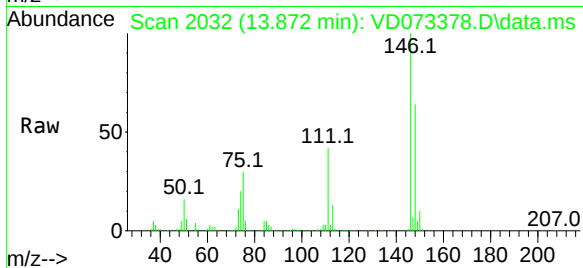




#91
1,2-Dichlorobenzene
Concen: 49.477 ug/l
RT: 13.872 min Scan# 2032
Delta R.T. -0.001 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

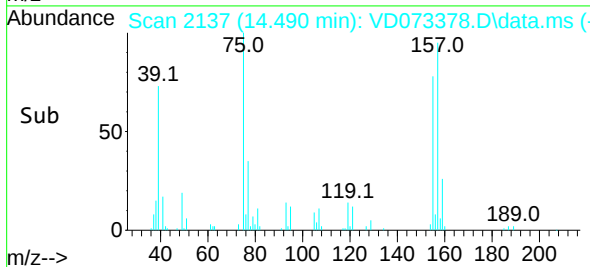
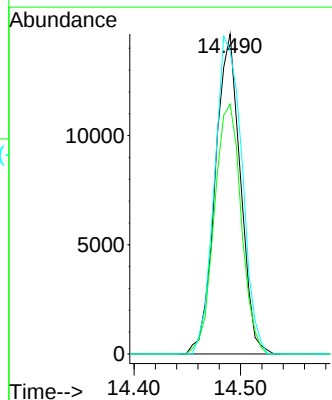
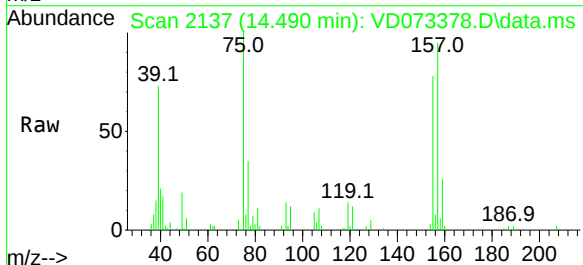
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

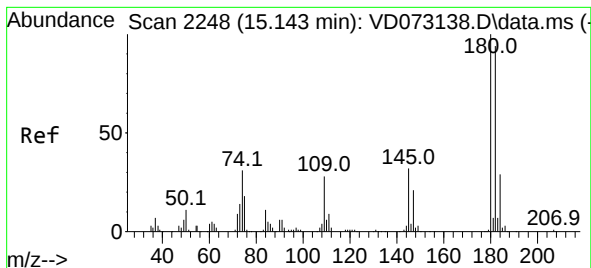
Tgt Ion:146 Resp: 355217
Ion Ratio Lower Upper
146 100
111 41.3 21.1 63.3
148 63.4 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 48.504 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.000 min
Lab File: VD073378.D
Acq: 25 May 2022 23:36

Tgt Ion: 75 Resp: 23957
Ion Ratio Lower Upper
75 100
155 83.6 36.8 110.3
157 108.3 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 49.076 ug/l

RT: 15.143 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

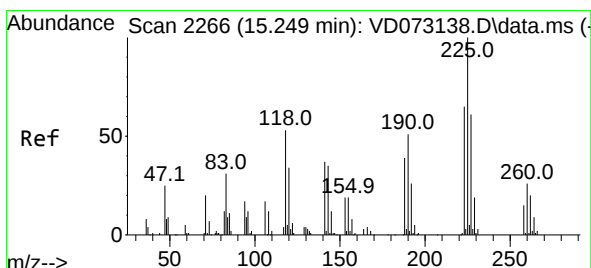
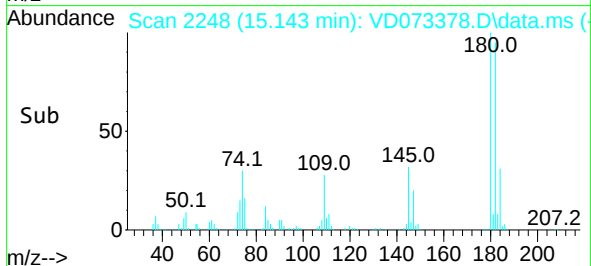
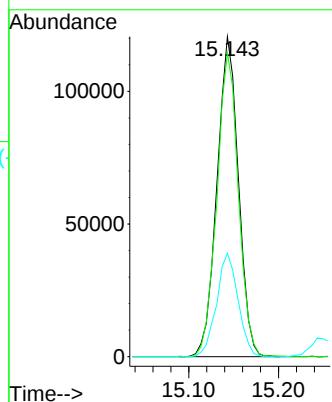
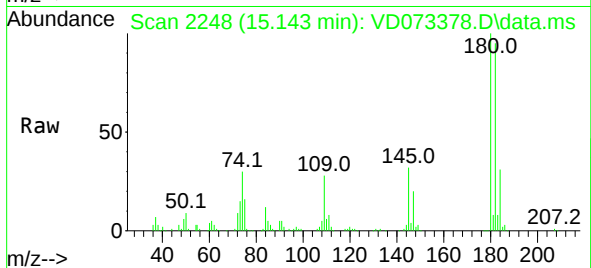
Tgt Ion:180 Resp: 200031

Ion Ratio Lower Upper

180 100

182 95.2 47.3 142.0

145 32.4 16.2 48.5



#94

Hexachlorobutadiene

Concen: 46.273 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. -0.000 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

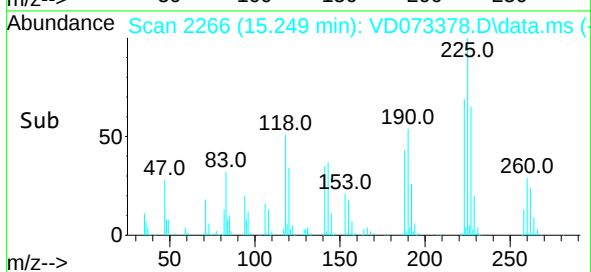
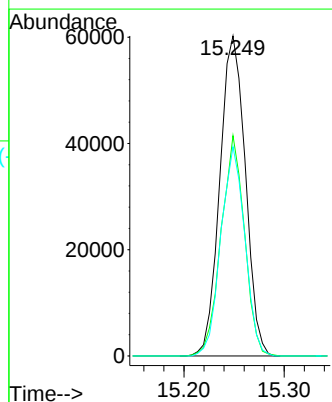
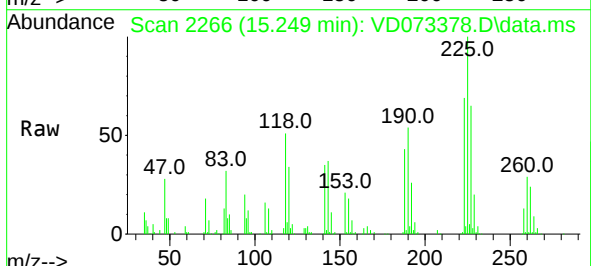
Tgt Ion:225 Resp: 106282

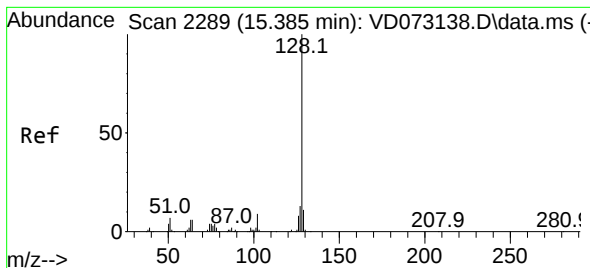
Ion Ratio Lower Upper

225 100

223 63.1 31.1 93.2

227 61.4 32.4 97.0





#95

Naphthalene

Concen: 47.389 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

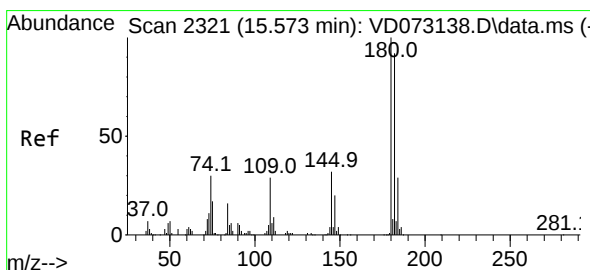
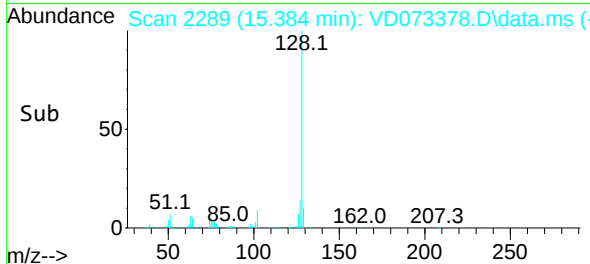
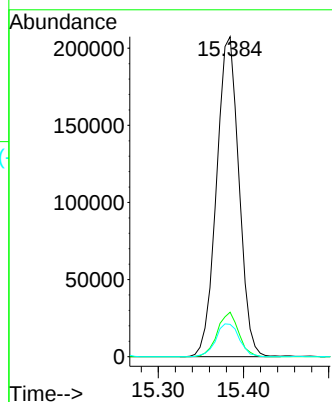
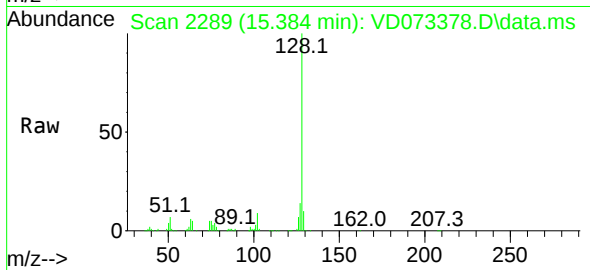
Tgt Ion:128 Resp: 378823

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 10.8 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 50.955 ug/l

RT: 15.578 min Scan# 2322

Delta R.T. 0.005 min

Lab File: VD073378.D

Acq: 25 May 2022 23:36

Tgt Ion:180 Resp: 184125

Ion Ratio Lower Upper

180 100

182 91.8 47.6 142.9

145 32.5 17.1 51.3

