

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD061322\
 Data File : VD073557.D
 Acq On : 13 Jun 2022 20:38
 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: Jun 14 01:29:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D060922S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 09 12:33:32 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	243195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	405146	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	403113	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	218091	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	145904	55.906	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.820%	
35) Dibromofluoromethane	7.902	113	143441	55.058	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.120%	
50) Toluene-d8	10.332	98	532465	54.057	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.120%	
62) 4-Bromofluorobenzene	12.620	95	199671	55.839	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 111.680%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	103774	44.745	ug/l	98
3) Chloromethane	2.209	50	104361	43.878	ug/l	96
4) Vinyl Chloride	2.344	62	101206	45.382	ug/l	99
5) Bromomethane	2.750	94	75377	47.149	ug/l	91
6) Chloroethane	2.914	64	68587	48.262	ug/l	94
7) Trichlorofluoromethane	3.261	101	221981	50.798	ug/l	95
8) Diethyl Ether	3.709	74	61775	49.397	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.091	101	121597	48.654	ug/l	94
10) Methyl Iodide	4.291	142	116950	39.885	ug/l	98
11) Tert butyl alcohol	5.220	59	52410	57.717	ug/l #	94
12) 1,1-Dichloroethene	4.061	96	114649	48.314	ug/l	88
13) Acrolein	3.920	56	21180	184.262	ug/l	97
14) Allyl chloride	4.703	41	161585	45.740	ug/l #	93
15) Acrylonitrile	5.408	53	151205	269.246	ug/l	98
16) Acetone	4.156	43	109266	237.781	ug/l #	87
17) Carbon Disulfide	4.403	76	357517	47.532	ug/l	100
18) Methyl Acetate	4.714	43	63666	49.170	ug/l #	91
19) Methyl tert-butyl Ether	5.473	73	315121	55.642	ug/l	97
20) Methylene Chloride	4.950	84	164383	57.586	ug/l #	81
21) trans-1,2-Dichloroethene	5.467	96	145064	50.535	ug/l	85
22) Diisopropyl ether	6.355	45	406953	53.384	ug/l #	95
23) Vinyl Acetate	6.297	43	1132473	273.839	ug/l #	91
24) 1,1-Dichloroethane	6.255	63	250432	51.249	ug/l	97
25) 2-Butanone	7.208	43	176366	260.841	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	206618	47.162	ug/l	95
27) cis-1,2-Dichloroethene	7.202	96	167054	53.834	ug/l	87
28) Bromochloromethane	7.544	49	102751	53.575	ug/l #	71
29) Tetrahydrofuran	7.555	42	120776	280.011	ug/l #	85
30) Chloroform	7.702	83	291200	55.778	ug/l	98
31) Cyclohexane	7.973	56	196774	44.758	ug/l	88
32) 1,1,1-Trichloroethane	7.897	97	247565	53.817	ug/l	95
36) 1,1-Dichloropropene	8.102	75	200548	51.253	ug/l	96
37) Ethyl Acetate	7.285	43	83806	53.023	ug/l #	92
38) Carbon Tetrachloride	8.091	117	220603	53.894	ug/l	98
39) Methylcyclohexane	9.349	83	216070	47.386	ug/l	96
40) Benzene	8.344	78	589813	51.821	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	43659	50.950	ug/l #	75
42) 1,2-Dichloroethane	8.414	62	179448	57.025	ug/l	98
43) Isopropyl Acetate	8.444	43	159888	52.578	ug/l #	91
44) Trichloroethene	9.102	130	162580	51.286	ug/l	94
45) 1,2-Dichloropropane	9.379	63	150583	53.406	ug/l	99
46) Dibromomethane	9.461	93	90269	56.831	ug/l	94
47) Bromodichloromethane	9.655	83	225865	56.750	ug/l	99
48) Methyl methacrylate	9.449	41	77968	51.759	ug/l #	77
49) 1,4-Dioxane	9.455	88	20406	1116.983	ug/l	95
51) 4-Methyl-2-Pentanone	10.220	43	436308	283.549	ug/l	91
52) Toluene	10.396	92	396696	54.343	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	201412	53.957	ug/l	97
54) cis-1,3-Dichloropropene	10.079	75	233736	53.465	ug/l #	85
55) 1,1,2-Trichloroethane	10.791	97	124698	55.046	ug/l	98
56) Ethyl methacrylate	10.655	69	146945	56.616	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	206380	55.932	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	289161	270.973	ug/l	93
59) 2-Hexanone	10.973	43	302702	287.248	ug/l	92
60) Dibromochloromethane	11.132	129	163152	58.353	ug/l	99
61) 1,2-Dibromoethane	11.238	107	123046	57.006	ug/l	98
64) Tetrachloroethene	10.867	164	135759	49.468	ug/l	96
65) Chlorobenzene	11.661	112	428782	51.697	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	170936	54.318	ug/l	98
67) Ethyl Benzene	11.732	91	754364	52.045	ug/l	99
68) m/p-Xylenes	11.843	106	595395	104.676	ug/l	99
69) o-Xylene	12.173	106	279164	53.339	ug/l	94
70) Styrene	12.185	104	502389	55.649	ug/l	97
71) Bromoform	12.349	173	96945	56.339	ug/l #	100
73) Isopropylbenzene	12.467	105	742559	49.122	ug/l	100
74) N-amyl acetate	12.279	43	163328	48.568	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	146548	51.068	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	183707	86.709	ug/l #	100
77) Bromobenzene	12.749	156	185286	50.189	ug/l	89
78) n-propylbenzene	12.808	91	913513	48.549	ug/l	97
79) 2-Chlorotoluene	12.896	91	541529	49.512	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	646845	49.614	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	45398	50.294	ug/l	89
82) 4-Chlorotoluene	12.990	91	573831	49.766	ug/l	98
83) tert-Butylbenzene	13.208	119	530905	48.181	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	650894	50.020	ug/l	98
85) sec-Butylbenzene	13.384	105	809025	49.011	ug/l	99
86) p-Isopropyltoluene	13.502	119	686601	49.898	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	374146	49.633	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	370290	49.654	ug/l	99
89) n-Butylbenzene	13.826	91	627442	48.338	ug/l	99
90) Hexachloroethane	14.096	117	138549	48.621	ug/l	98
91) 1,2-Dichlorobenzene	13.873	146	330402	50.816	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	24370	53.173	ug/l	90
93) 1,2,4-Trichlorobenzene	15.143	180	185993	47.770	ug/l	99
94) Hexachlorobutadiene	15.249	225	97759	45.773	ug/l	97
95) Naphthalene	15.378	128	362335	46.333	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	172233	50.661	ug/l	99

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QLast Update : Thu Jun 09 12:33:32 2022
Response via : Initial Calibration

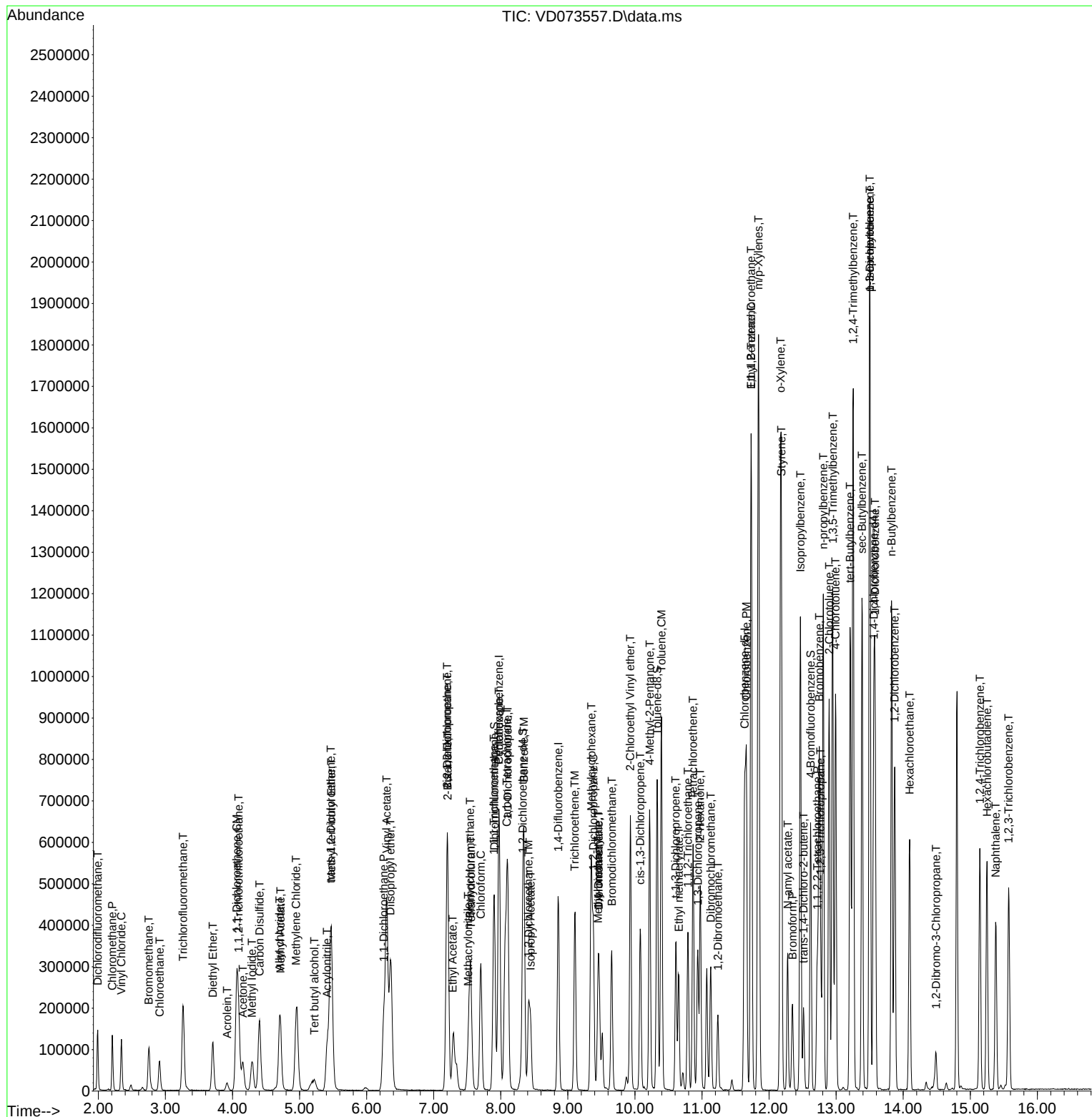
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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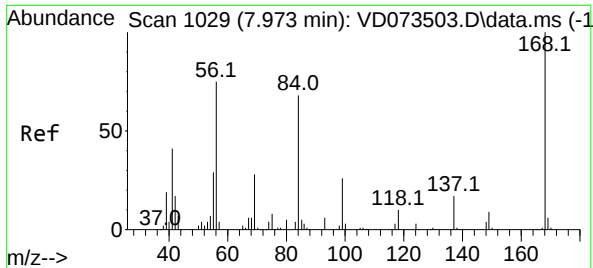
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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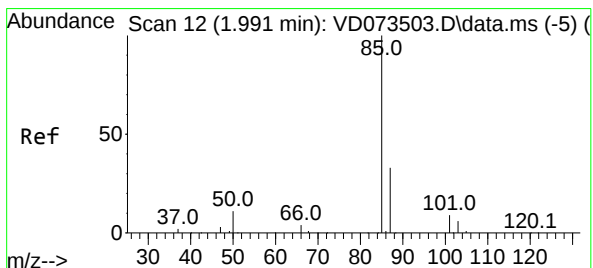
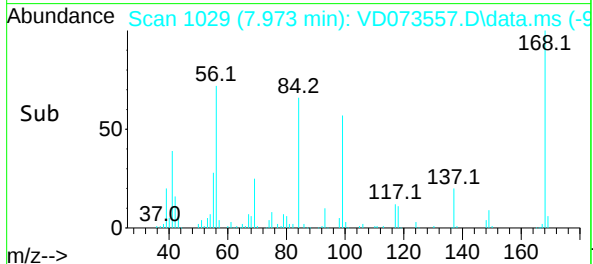
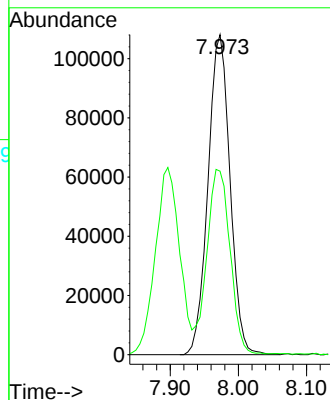
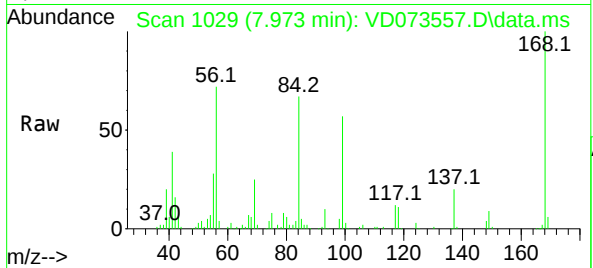




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
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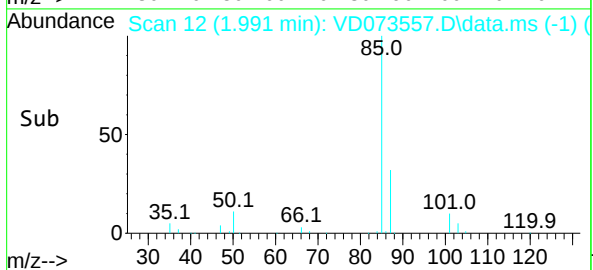
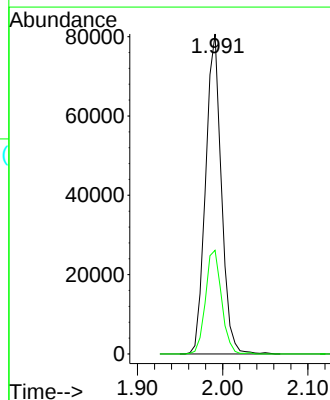
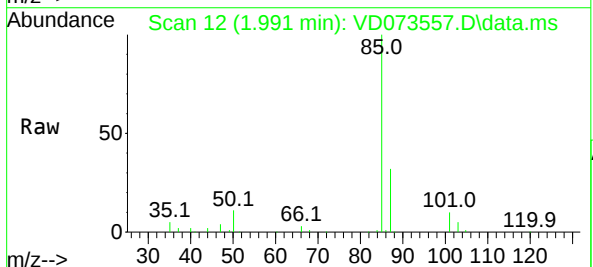
Instrument :
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ClientSampleId :
VSTDCCC050EC

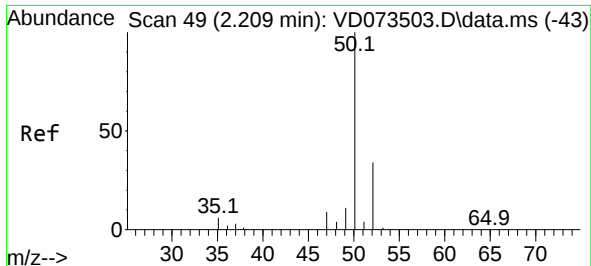
Tgt Ion:168 Resp: 243195
Ion Ratio Lower Upper
168 100
99 57.0 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 44.745 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 85 Resp: 103774
Ion Ratio Lower Upper
85 100
87 32.4 15.7 47.0

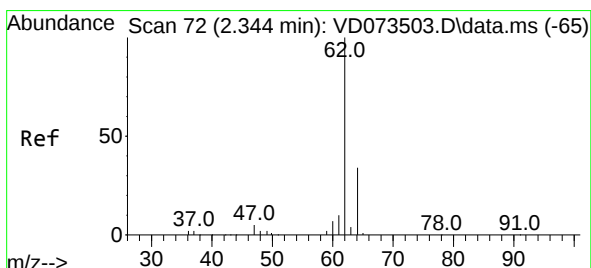
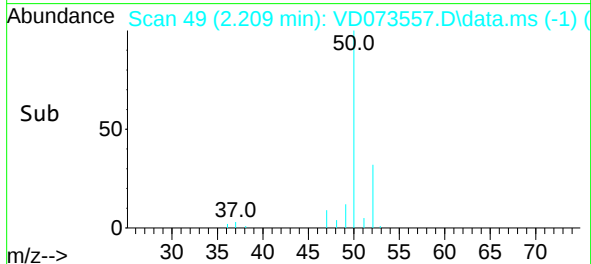
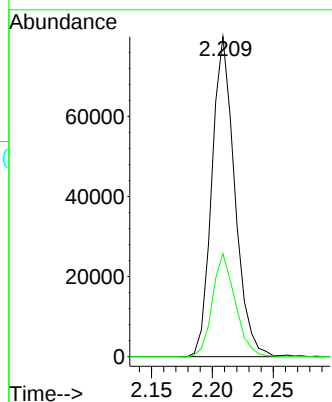
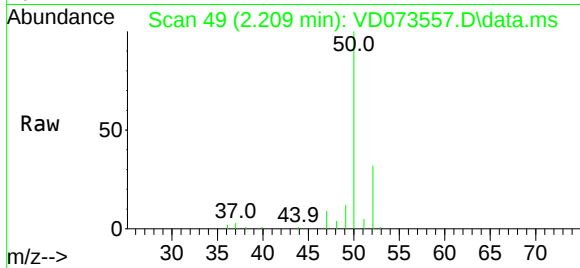




#3
Chloromethane
Concen: 43.878 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

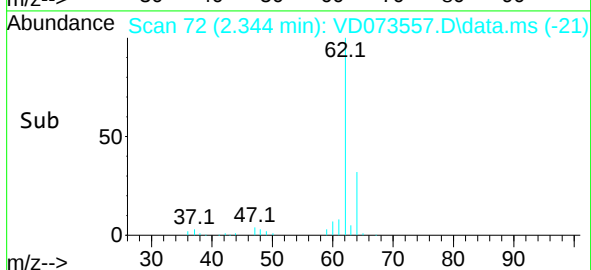
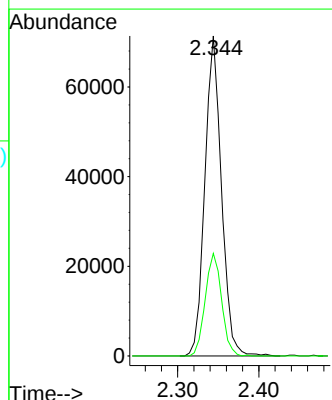
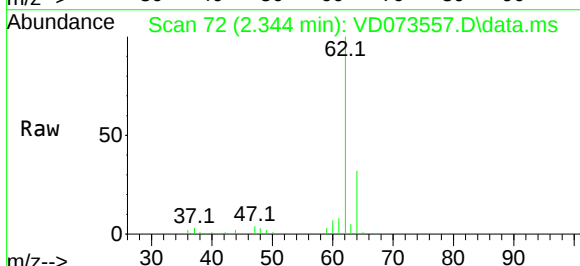
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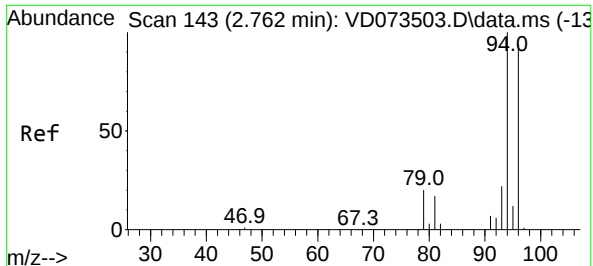
Tgt Ion: 50 Resp: 104361
Ion Ratio Lower Upper
50 100
52 32.2 27.4 41.0



#4
Vinyl Chloride
Concen: 45.382 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 62 Resp: 101206
Ion Ratio Lower Upper
62 100
64 32.0 25.4 38.0

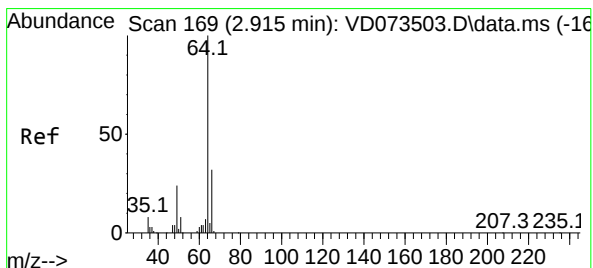
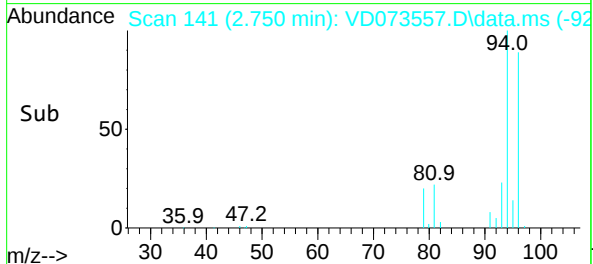
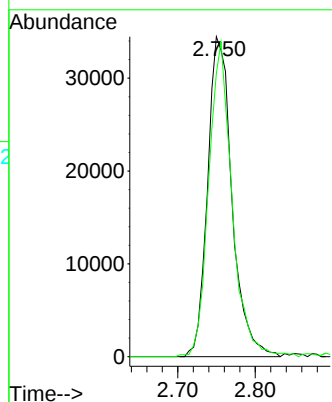
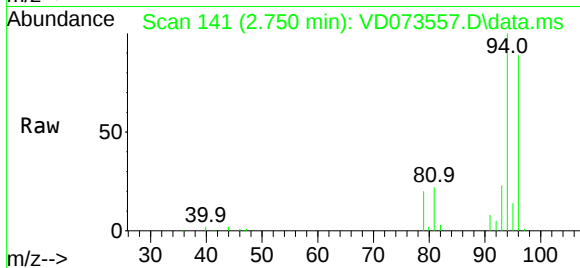




#5
Bromomethane
Concen: 47.149 ug/l
RT: 2.750 min Scan# 14
Delta R.T. -0.012 min
Lab File: VD073557.D
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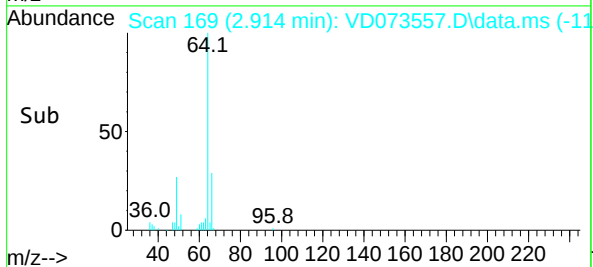
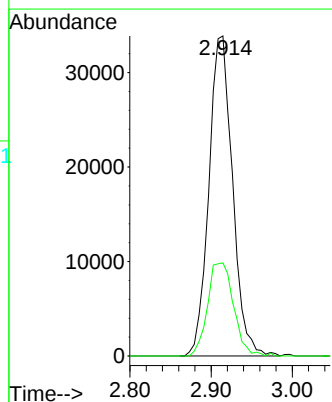
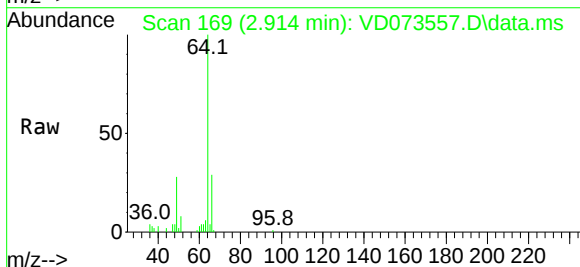
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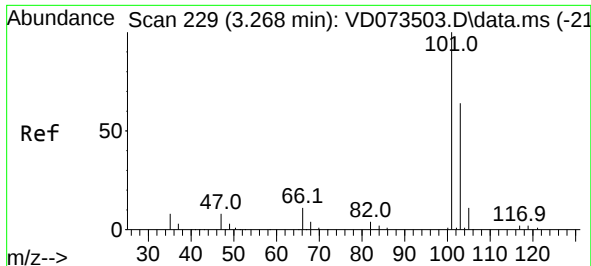
Tgt Ion: 94 Resp: 75377
Ion Ratio Lower Upper
94 100
96 87.9 77.6 116.4



#6
Chloroethane
Concen: 48.262 ug/l
RT: 2.914 min Scan# 169
Delta R.T. -0.001 min
Lab File: VD073557.D
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Tgt Ion: 64 Resp: 68587
Ion Ratio Lower Upper
64 100
66 29.1 25.9 38.9

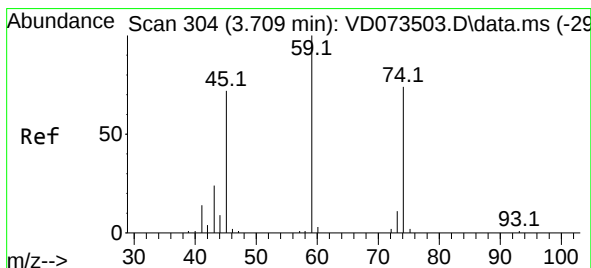
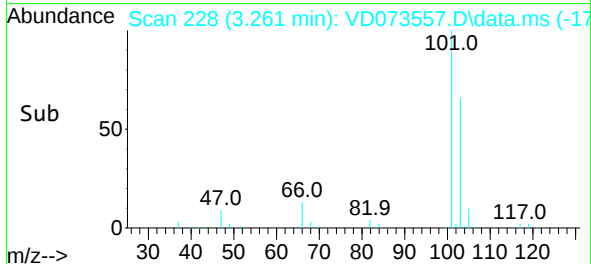
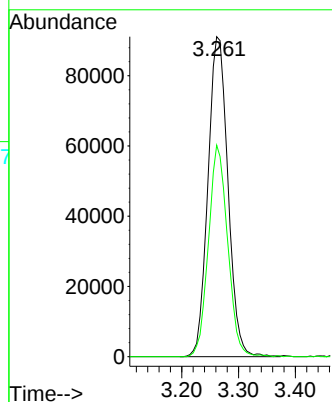
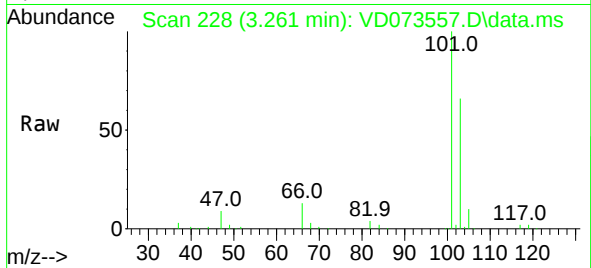




#7
 Trichlorofluoromethane
 Concen: 50.798 ug/l
 RT: 3.261 min Scan# 21
 Delta R.T. -0.007 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

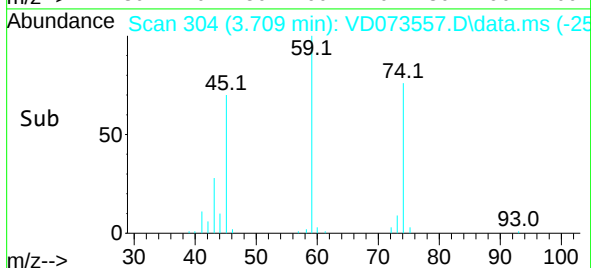
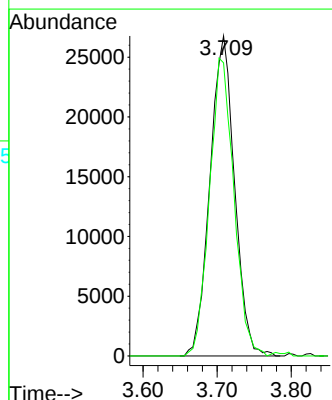
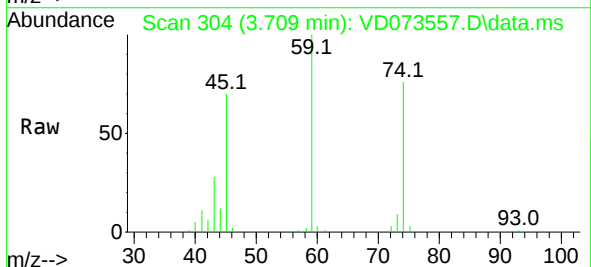
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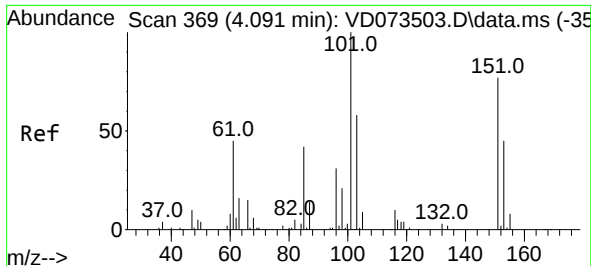
Tgt Ion:101 Resp: 221981
 Ion Ratio Lower Upper
 101 100
 103 66.1 50.1 75.1



#8
 Diethyl Ether
 Concen: 49.397 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.000 min
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Tgt Ion: 74 Resp: 61775
 Ion Ratio Lower Upper
 74 100
 45 92.1 52.6 157.8

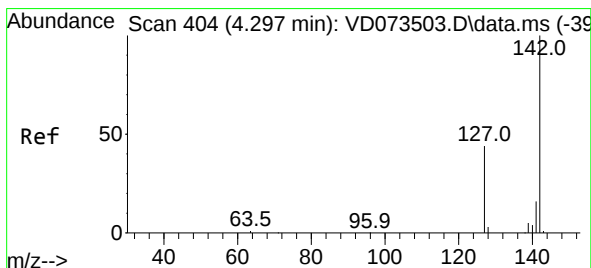
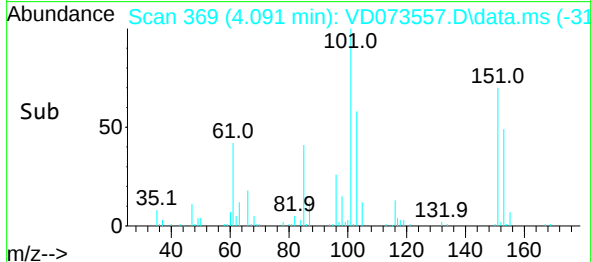
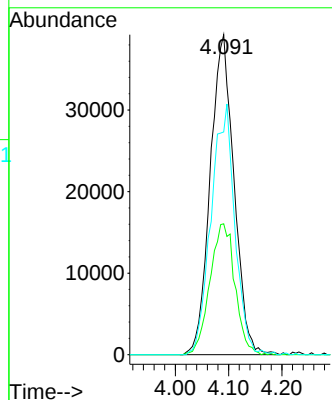
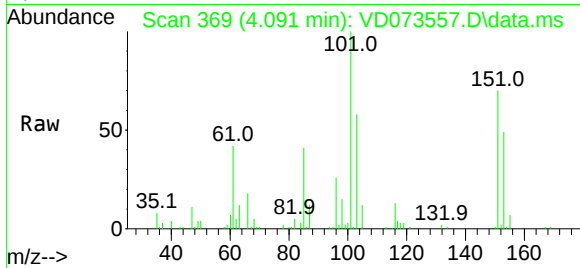




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 48.654 ug/l
 RT: 4.091 min Scan# 30
 Delta R.T. -0.000 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

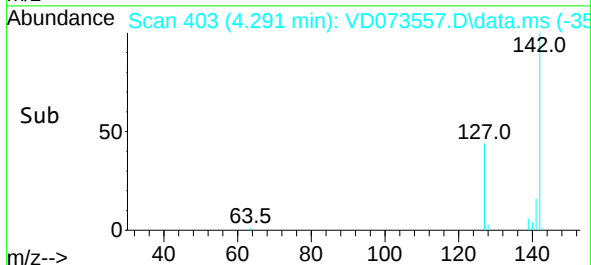
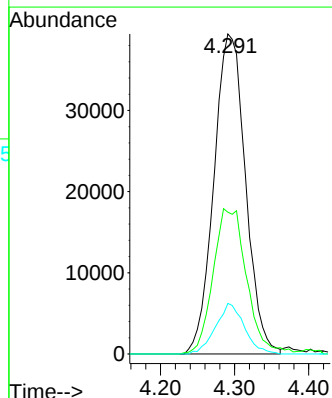
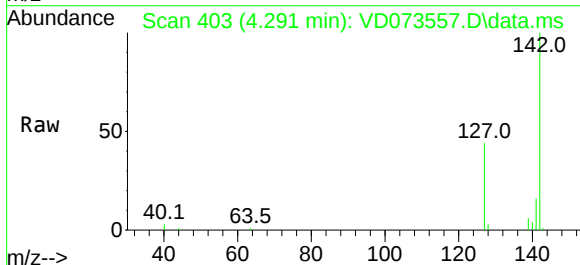
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

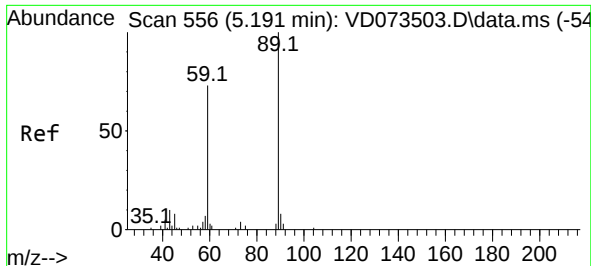
Tgt Ion:101 Resp: 121597
 Ion Ratio Lower Upper
 101 100
 85 43.0 36.4 54.6
 151 78.0 57.3 85.9



#10
 Methyl Iodide
 Concen: 39.885 ug/l
 RT: 4.291 min Scan# 403
 Delta R.T. -0.006 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

Tgt Ion:142 Resp: 116950
 Ion Ratio Lower Upper
 142 100
 127 48.1 37.3 55.9
 141 14.4 11.7 17.5

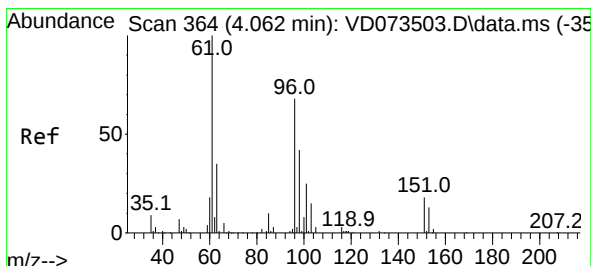
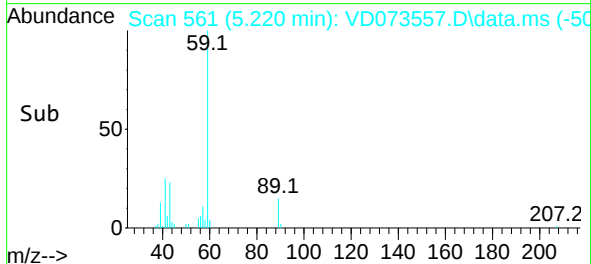
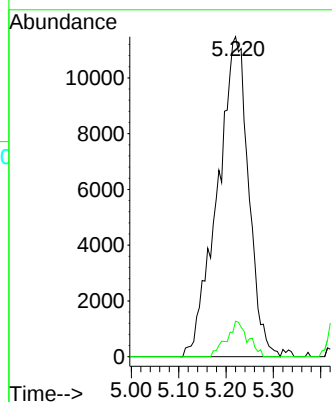
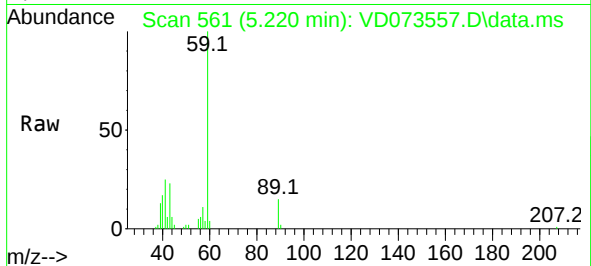




#11
Tert butyl alcohol
Concen: 57.717 ug/l
RT: 5.220 min Scan# 511
Delta R.T. 0.029 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

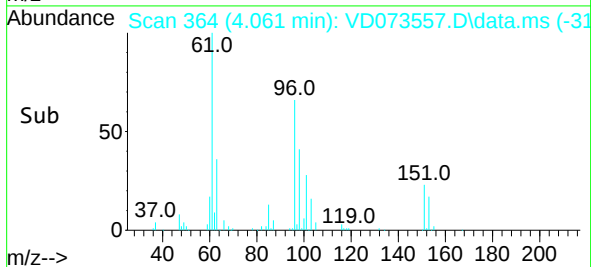
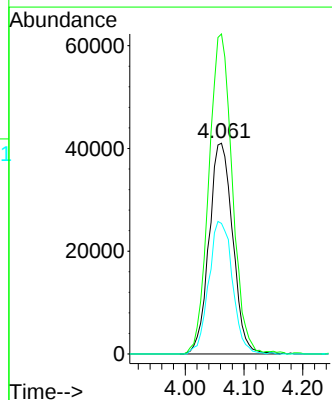
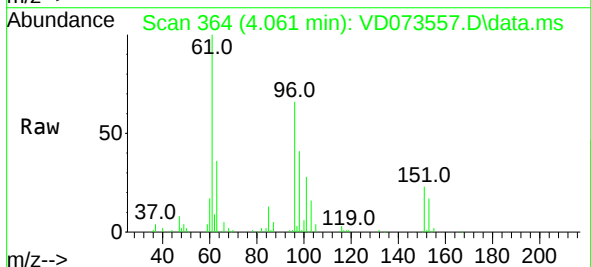
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

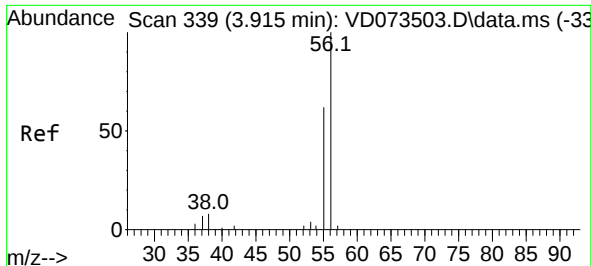
Tgt Ion: 59 Resp: 52410
Ion Ratio Lower Upper
59 100
57 7.6 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 48.314 ug/l
RT: 4.061 min Scan# 364
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 96 Resp: 114649
Ion Ratio Lower Upper
96 100
61 151.9 138.5 207.7
98 62.0 48.6 73.0

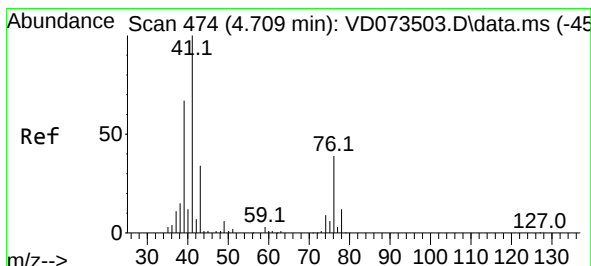
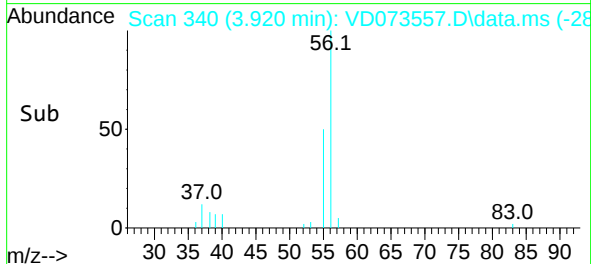
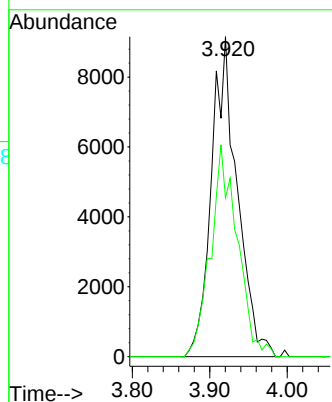
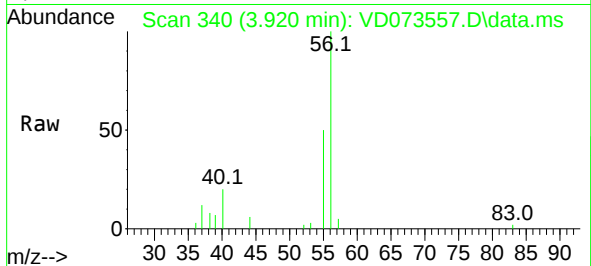




#13
Acrolein
Concen: 184.262 ug/l
RT: 3.920 min Scan# 34
Delta R.T. 0.005 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

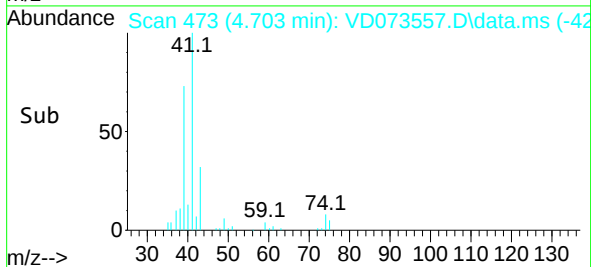
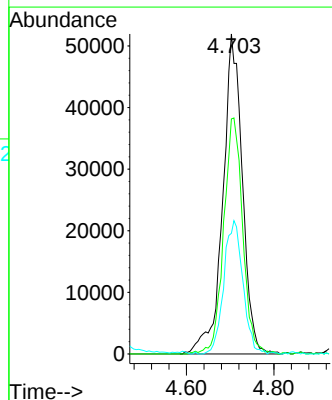
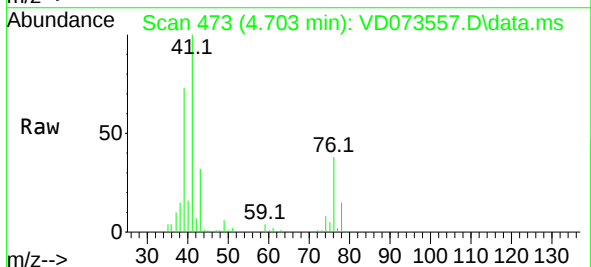
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

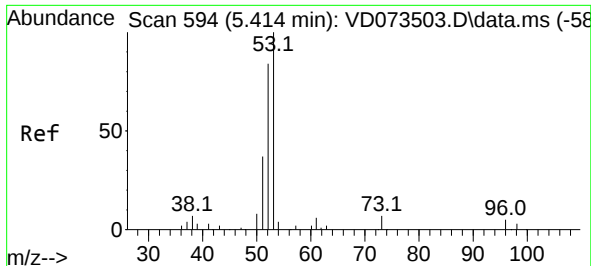
Tgt Ion: 56 Resp: 21180
Ion Ratio Lower Upper
56 100
55 68.7 57.1 85.7



#14
Allyl chloride
Concen: 45.740 ug/l
RT: 4.703 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 41 Resp: 161585
Ion Ratio Lower Upper
41 100
39 71.5 59.3 88.9
76 40.4 25.7 38.5#

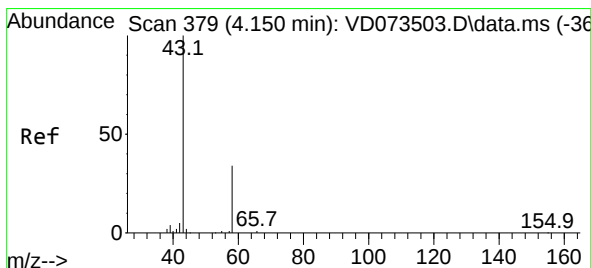
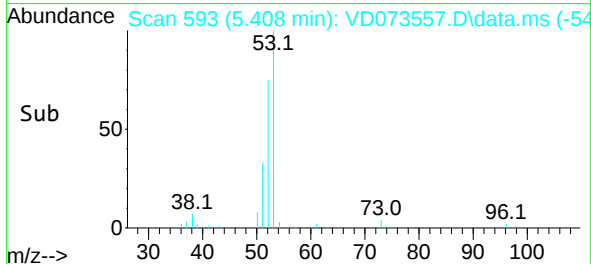
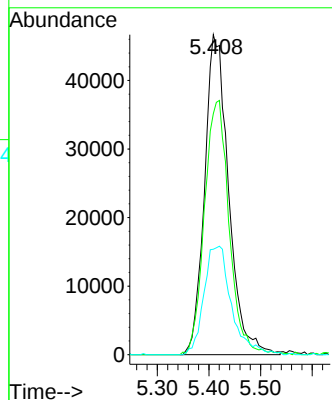
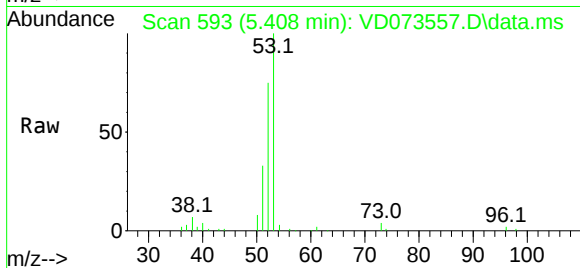




#15
Acrylonitrile
Concen: 269.246 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

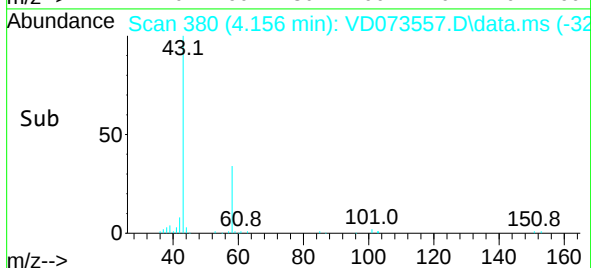
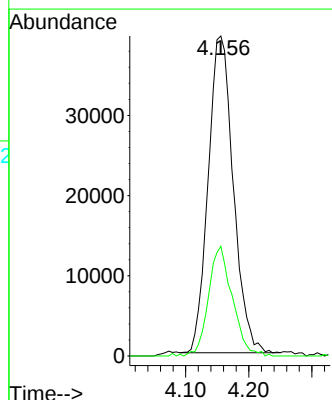
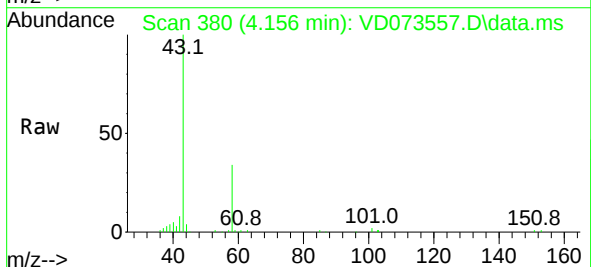
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

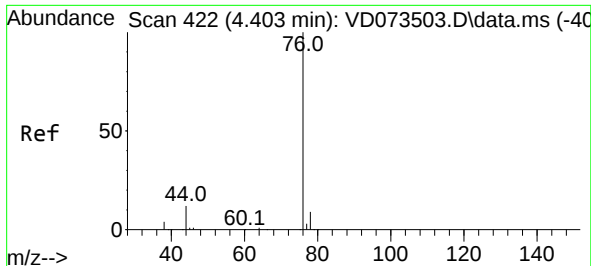
Tgt Ion: 53 Resp: 151205
Ion Ratio Lower Upper
53 100
52 81.4 67.2 100.8
51 38.5 30.3 45.5



#16
Acetone
Concen: 237.781 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 43 Resp: 109266
Ion Ratio Lower Upper
43 100
58 34.6 22.1 33.1#

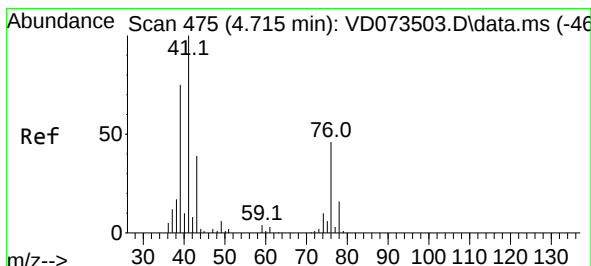
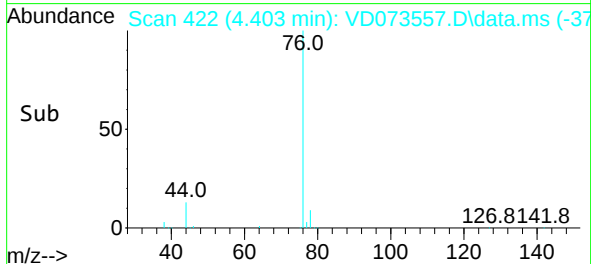
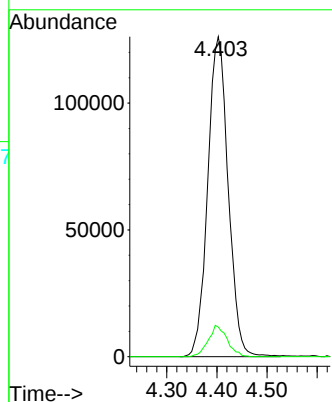
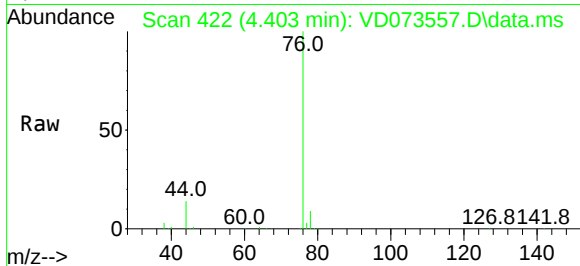




#17
Carbon Disulfide
Concen: 47.532 ug/l
RT: 4.403 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

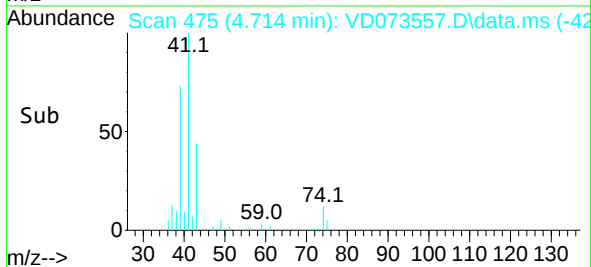
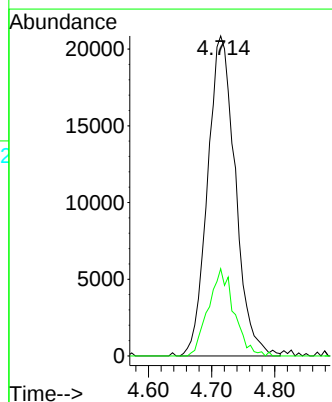
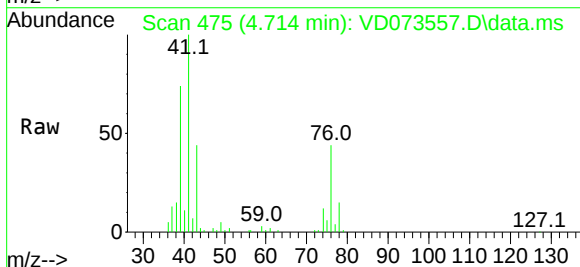
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

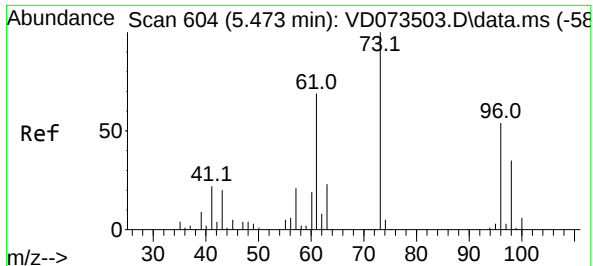
Tgt Ion: 76 Resp: 357517
Ion Ratio Lower Upper
76 100
78 9.3 7.5 11.3



#18
Methyl Acetate
Concen: 49.170 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 43 Resp: 63666
Ion Ratio Lower Upper
43 100
74 25.3 16.7 25.1#





#19

Methyl tert-butyl Ether

Concen: 55.642 ug/l

RT: 5.473 min Scan# 604

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

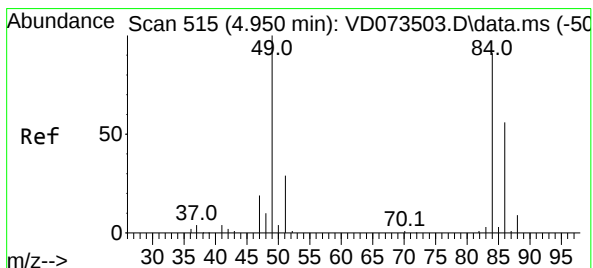
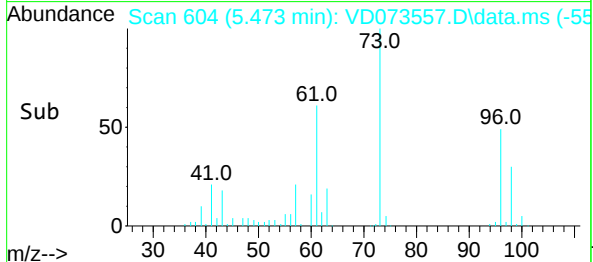
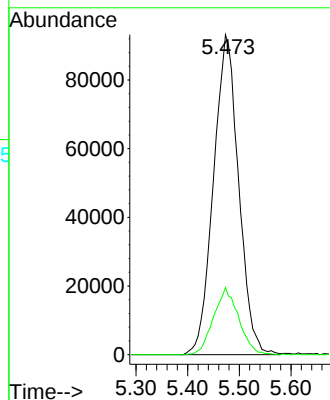
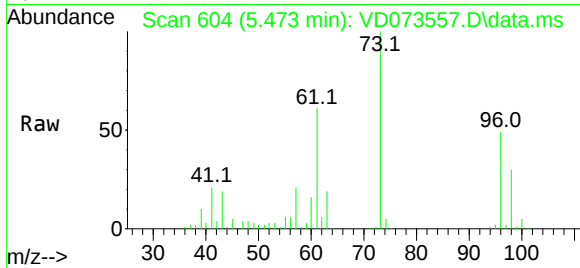
VSTDCCC050EC

Tgt Ion: 73 Resp: 315121

Ion Ratio Lower Upper

73 100

57 21.0 18.0 27.0



#20

Methylene Chloride

Concen: 57.586 ug/l

RT: 4.950 min Scan# 515

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Tgt Ion: 84 Resp: 164383

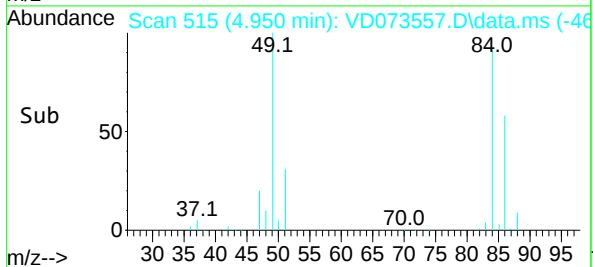
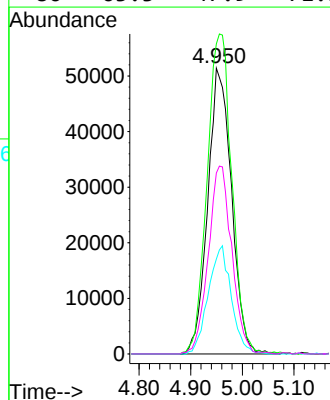
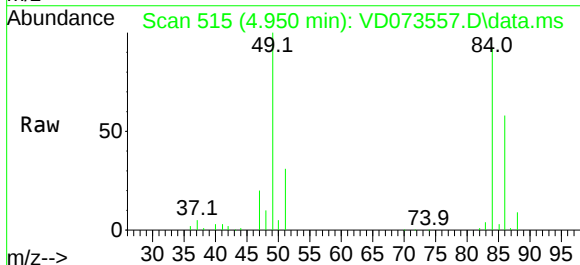
Ion Ratio Lower Upper

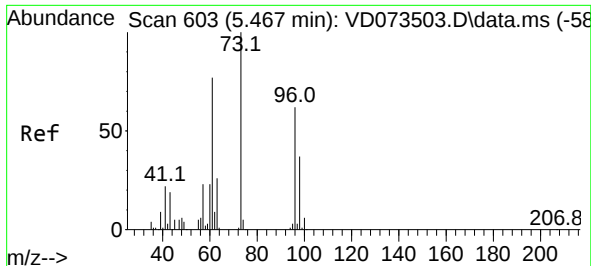
84 100

49 108.5 112.8 169.2#

51 33.2 32.6 48.8

86 63.3 47.9 71.9

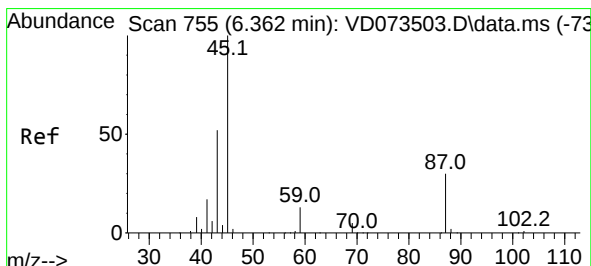
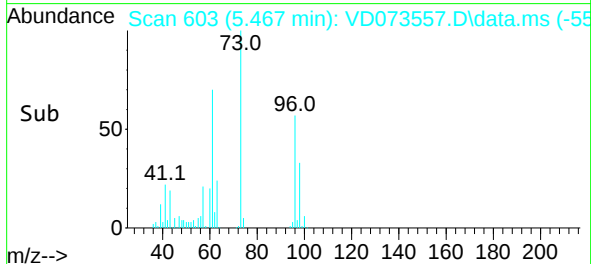
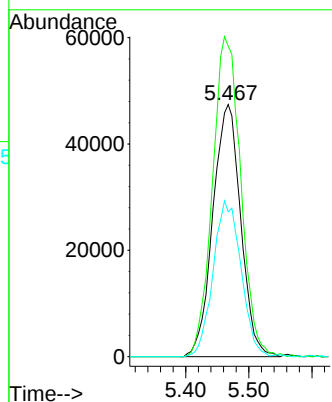
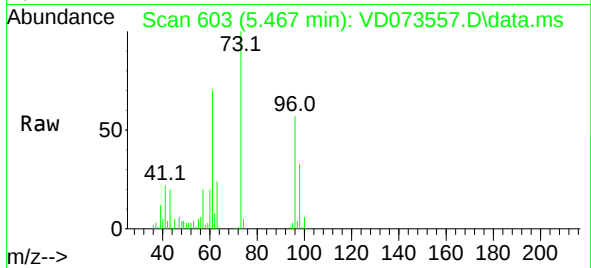




#21
trans-1,2-Dichloroethene
Concen: 50.535 ug/l
RT: 5.467 min Scan# 603
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

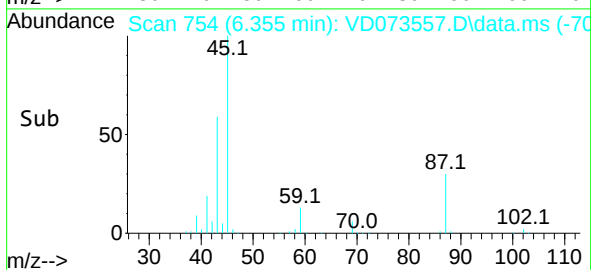
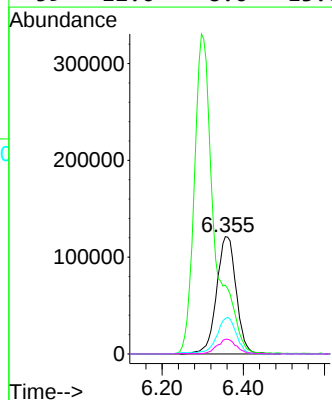
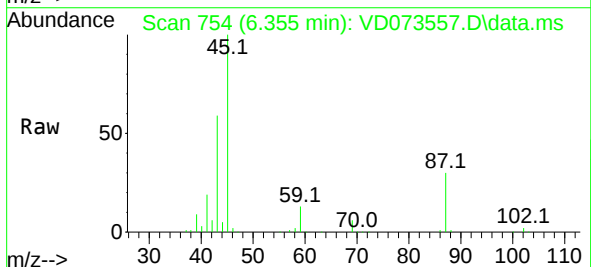
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

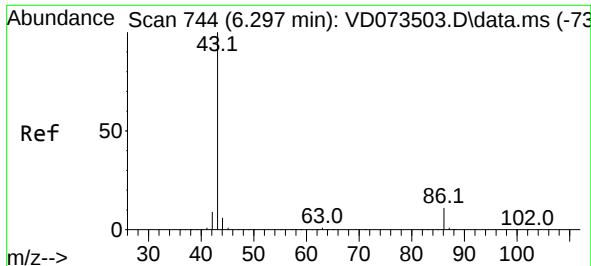
Tgt Ion: 96 Resp: 145064
Ion Ratio Lower Upper
96 100
61 123.1 117.9 176.9
98 57.5 49.4 74.2



#22
Diisopropyl ether
Concen: 53.384 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.007 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 45 Resp: 406953
Ion Ratio Lower Upper
45 100
43 57.9 46.6 70.0
87 30.3 18.4 27.6#
59 12.6 8.6 13.0

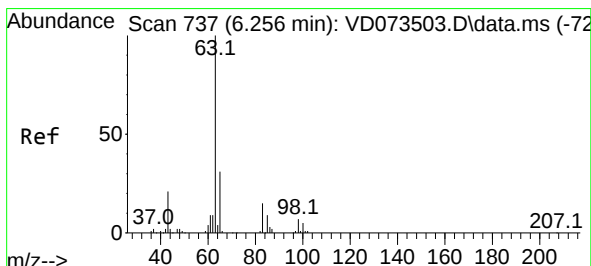
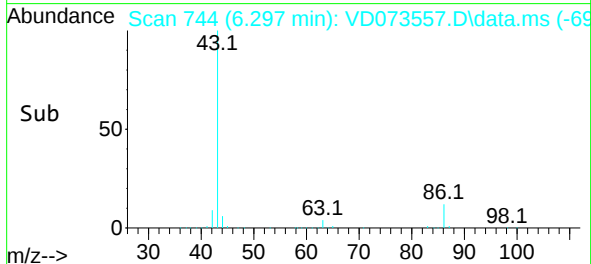
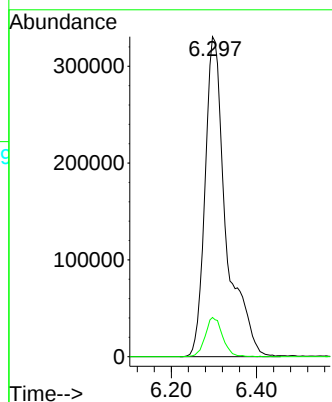
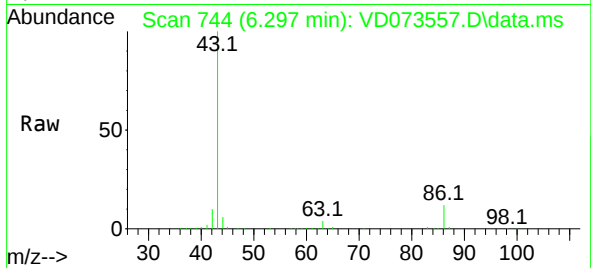




#23
 Vinyl Acetate
 Concen: 273.839 ug/l
 RT: 6.297 min Scan# 744
 Delta R.T. -0.000 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

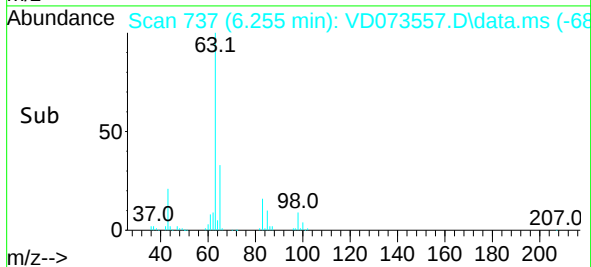
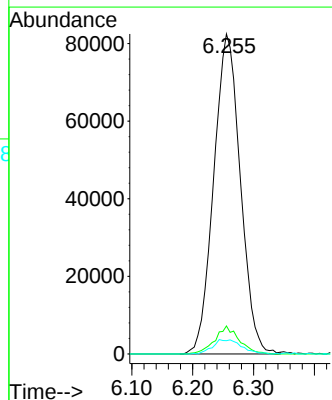
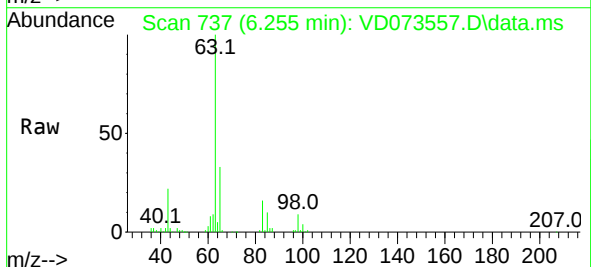
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

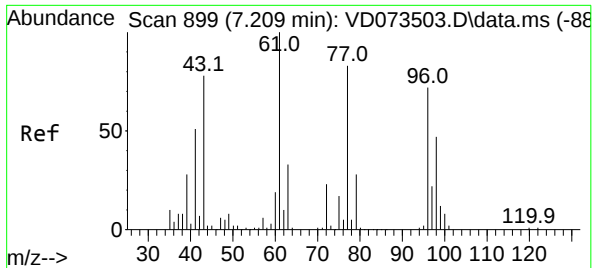
Tgt Ion: 43 Resp: 1132473
 Ion Ratio Lower Upper
 43 100
 86 12.2 7.1 10.7#



#24
 1,1-Dichloroethane
 Concen: 51.249 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.001 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

Tgt Ion: 63 Resp: 250432
 Ion Ratio Lower Upper
 63 100
 98 8.8 3.6 10.9
 100 4.2 2.1 6.5

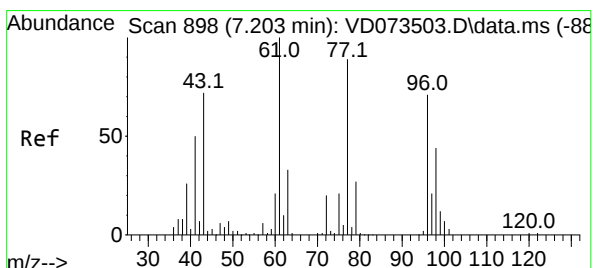
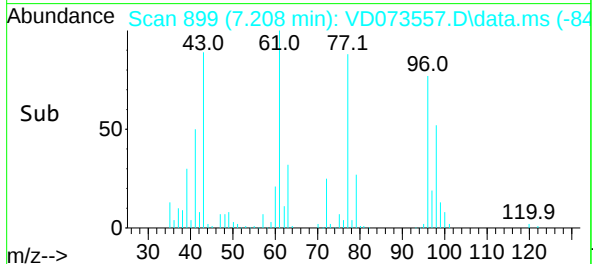
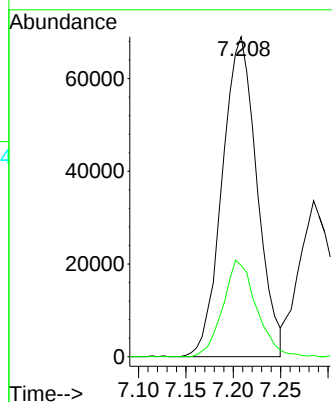
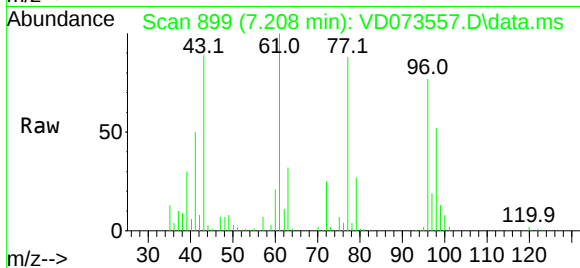




#25
2-Butanone
Concen: 260.841 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

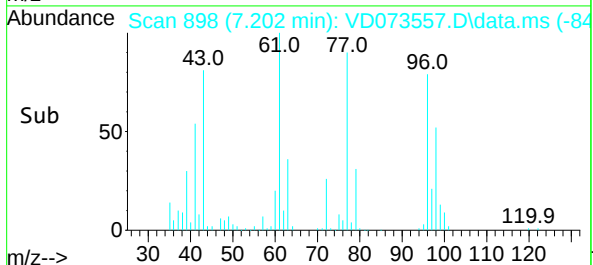
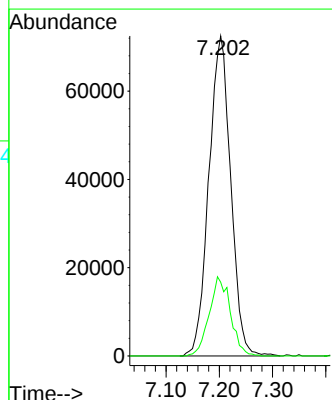
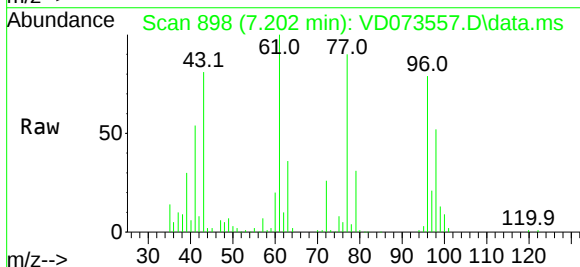
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

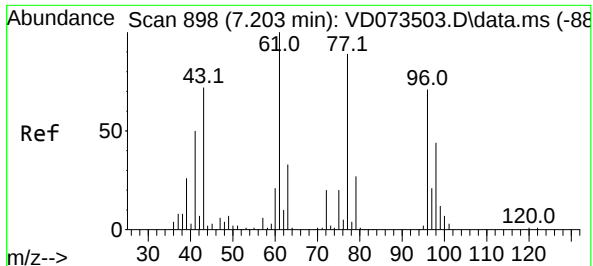
Tgt Ion: 43 Resp: 176366
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8#



#26
2,2-Dichloropropane
Concen: 47.162 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 77 Resp: 206618
Ion Ratio Lower Upper
77 100
97 24.0 10.8 32.4





#27

cis-1,2-Dichloroethene

Concen: 53.834 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.001 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

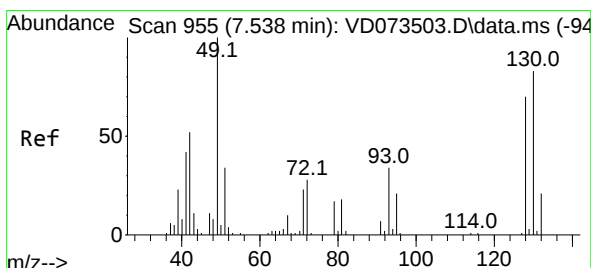
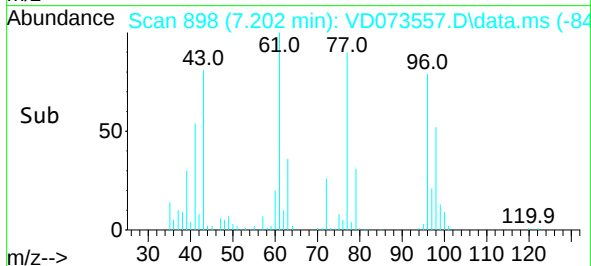
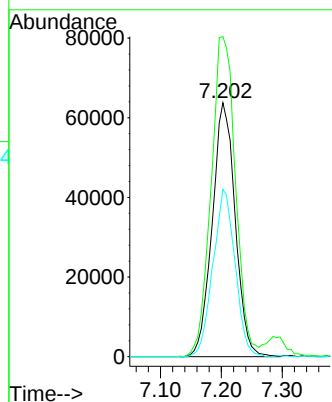
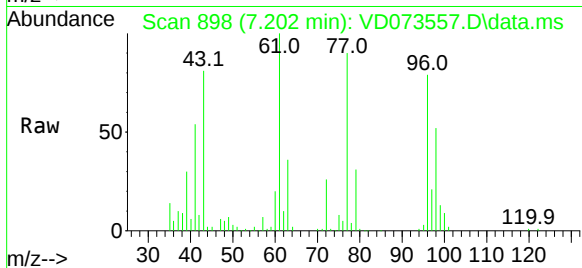
Tgt Ion: 96 Resp: 167054

Ion Ratio Lower Upper

96 100

61 134.0 0.0 313.8

98 63.5 0.0 128.8



#28

Bromochloromethane

Concen: 53.575 ug/l

RT: 7.544 min Scan# 956

Delta R.T. 0.006 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

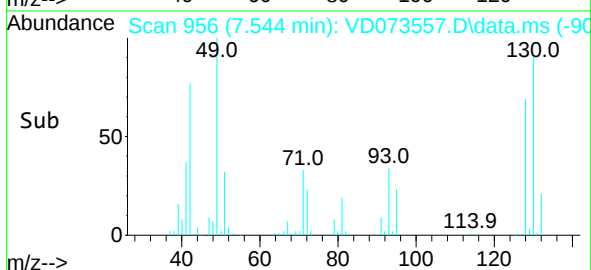
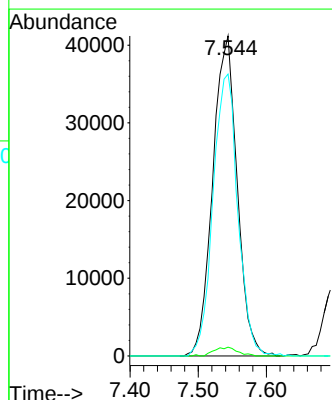
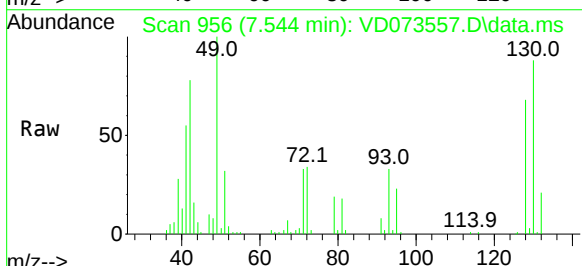
Tgt Ion: 49 Resp: 102751

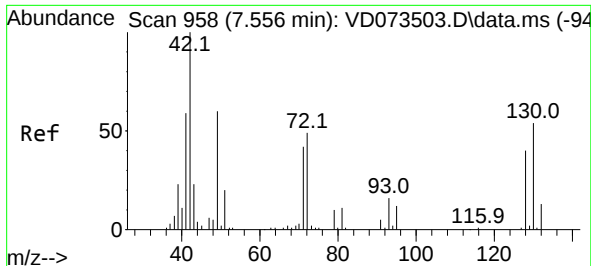
Ion Ratio Lower Upper

49 100

129 2.6 0.0 4.0

130 89.3 52.6 79.0#





#29

Tetrahydrofuran

Concen: 280.011 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.001 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

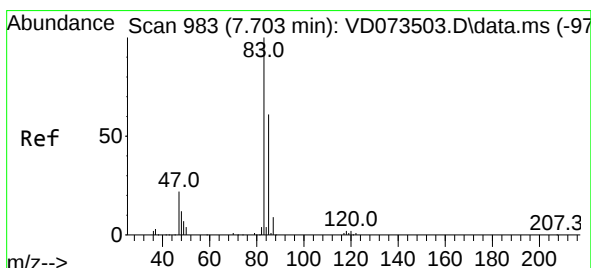
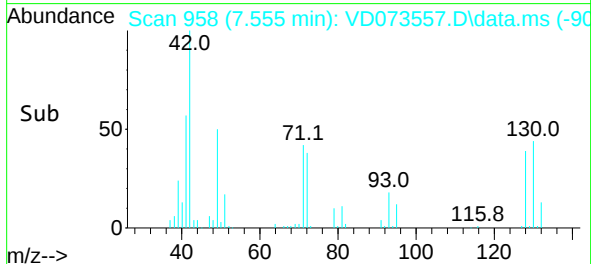
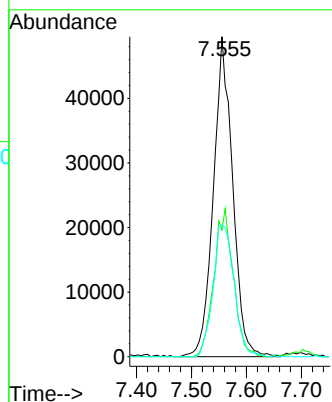
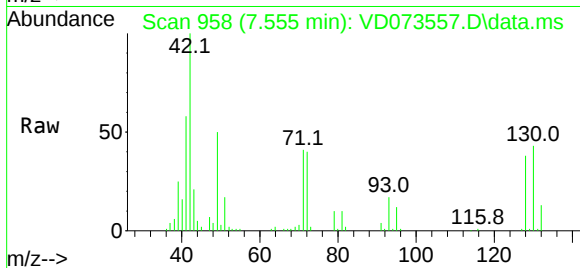
Tgt Ion: 42 Resp: 120776

Ion Ratio Lower Upper

42 100

72 46.7 30.7 46.1#

71 44.8 28.6 43.0#



#30

Chloroform

Concen: 55.778 ug/l

RT: 7.702 min Scan# 983

Delta R.T. -0.001 min

Lab File: VD073557.D

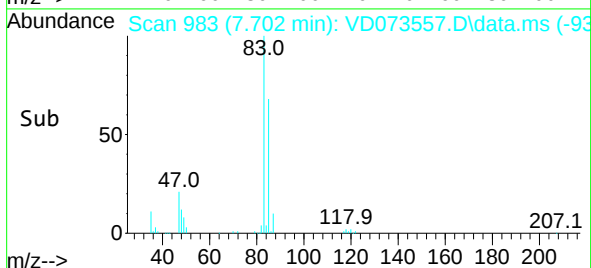
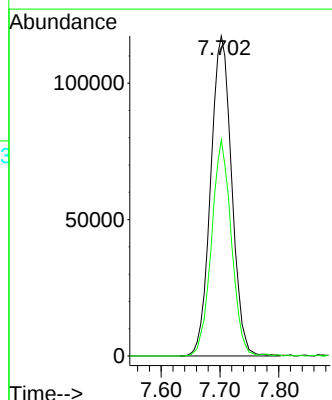
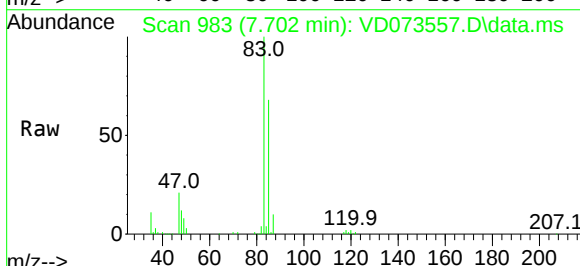
Acq: 13 Jun 2022 20:38

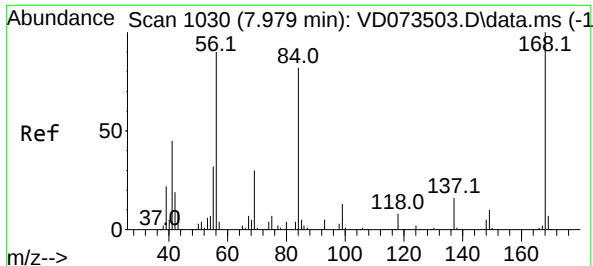
Tgt Ion: 83 Resp: 291200

Ion Ratio Lower Upper

83 100

85 67.6 52.7 79.1





#31

Cyclohexane

Concen: 44.758 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

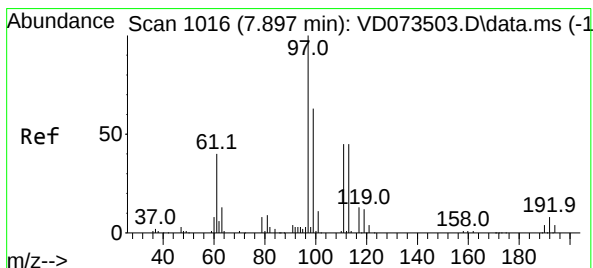
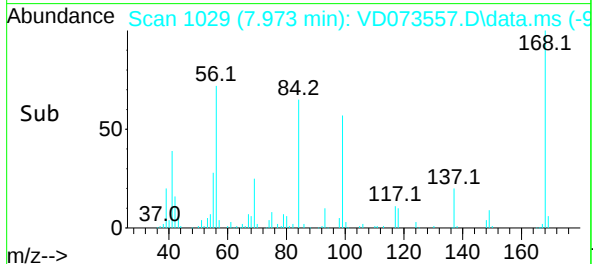
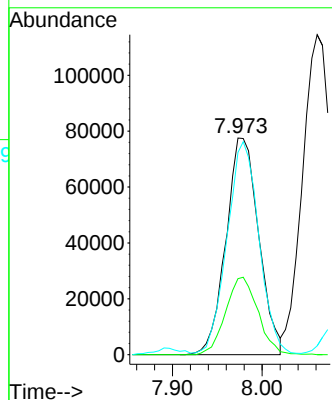
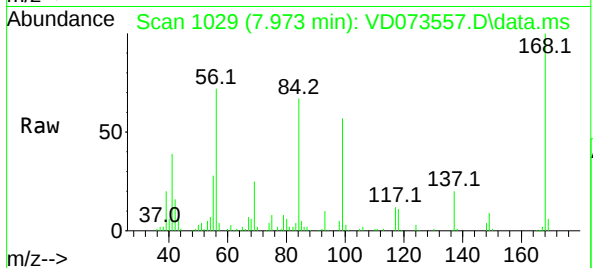
Tgt Ion: 56 Resp: 196774

Ion Ratio Lower Upper

56 100

69 35.1 25.4 38.2

84 91.8 63.0 94.4



#32

1,1,1-Trichloroethane

Concen: 53.817 ug/l

RT: 7.897 min Scan# 1016

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

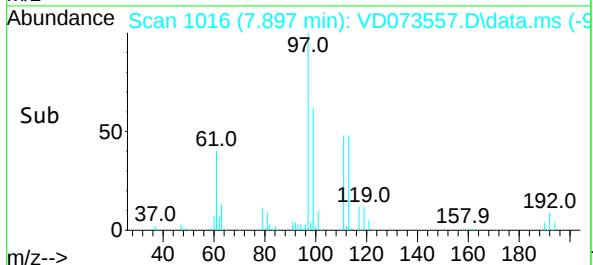
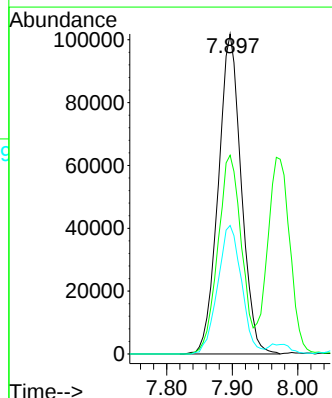
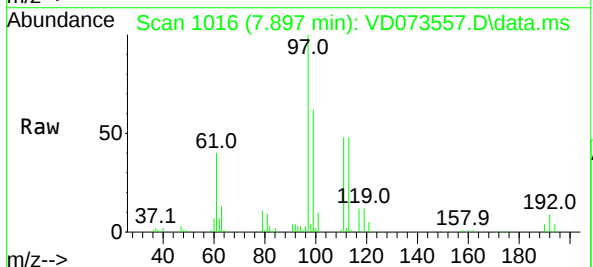
Tgt Ion: 97 Resp: 247565

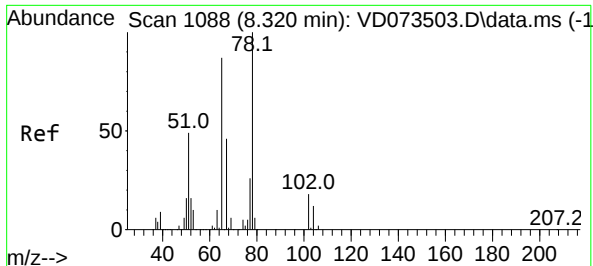
Ion Ratio Lower Upper

97 100

99 63.4 52.4 78.6

61 41.7 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.906 ug/l

RT: 8.326 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

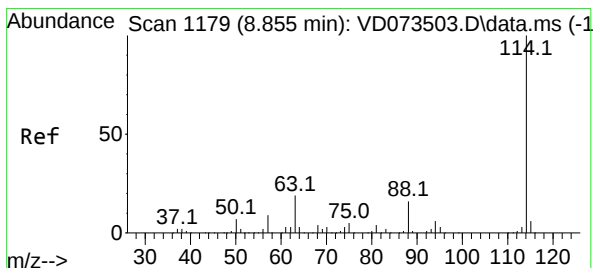
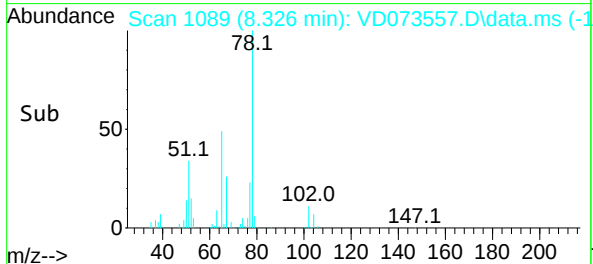
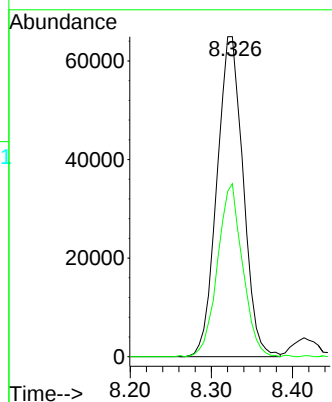
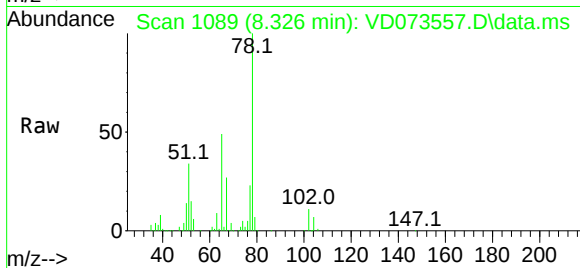
VSTDCCC050EC

Tgt Ion: 65 Resp: 145904

Ion Ratio Lower Upper

65 100

67 51.6 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

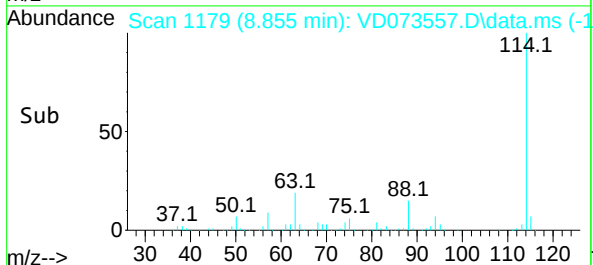
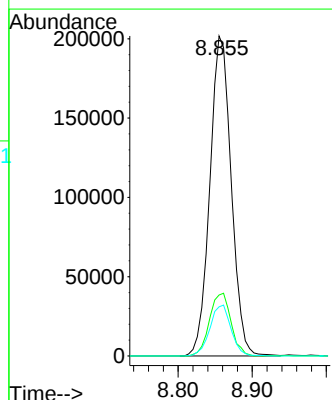
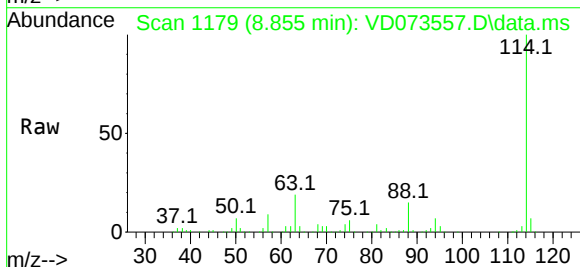
Tgt Ion: 114 Resp: 405146

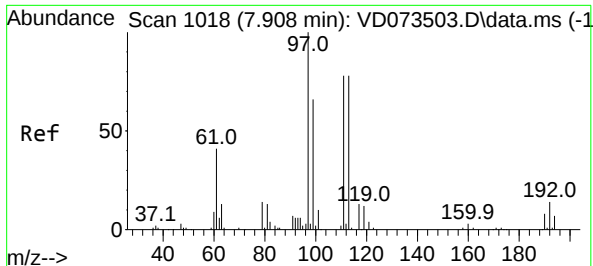
Ion Ratio Lower Upper

114 100

63 19.1 0.0 46.6

88 15.3 0.0 33.2

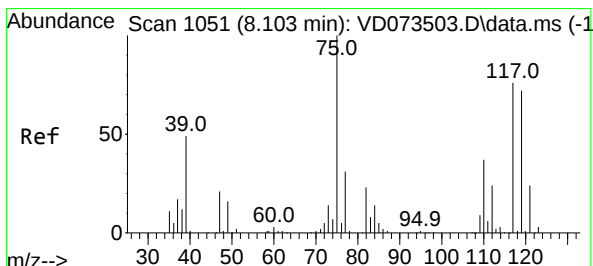
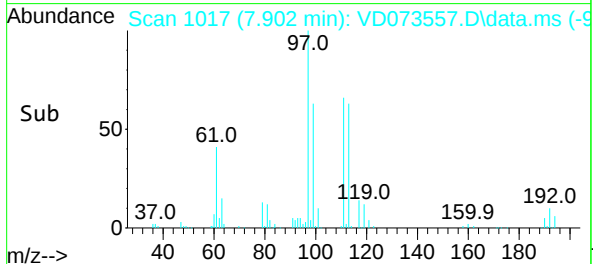
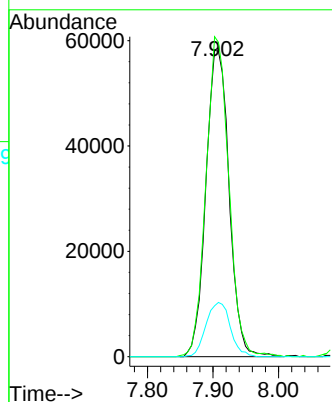
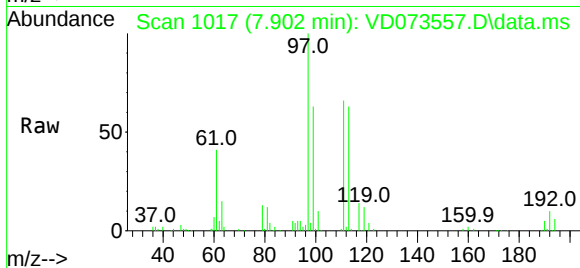




#35
Dibromofluoromethane
Concen: 55.058 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

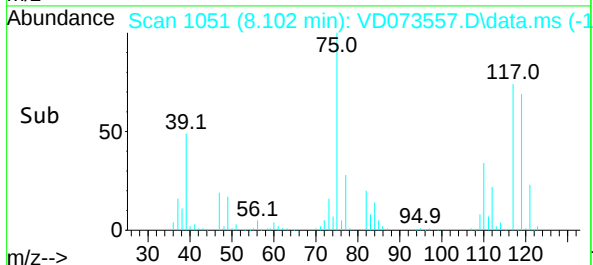
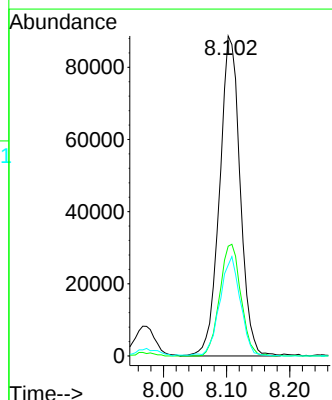
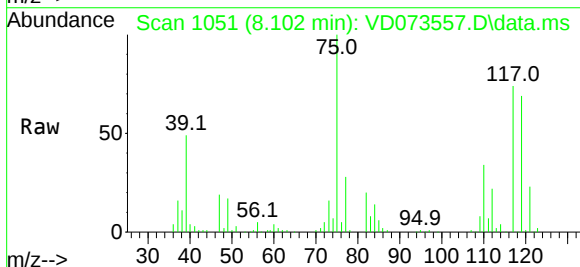
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

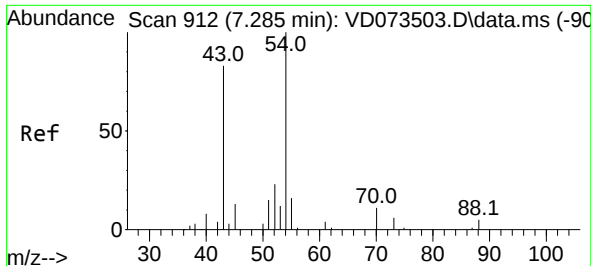
Tgt Ion:113 Resp: 143441
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.4 14.6 21.8



#36
1,1-Dichloropropene
Concen: 51.253 ug/l
RT: 8.102 min Scan# 1051
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 75 Resp: 200548
Ion Ratio Lower Upper
75 100
110 35.8 16.4 49.1
77 31.2 24.2 36.2





#37

Ethyl Acetate

Concen: 53.023 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

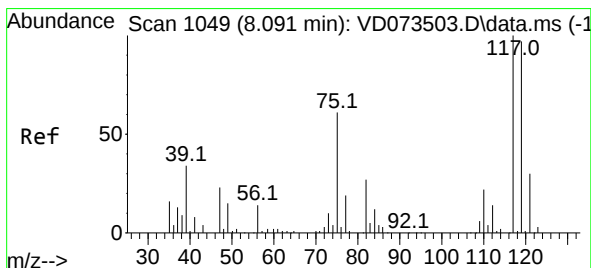
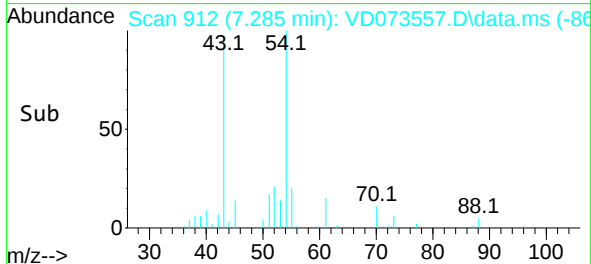
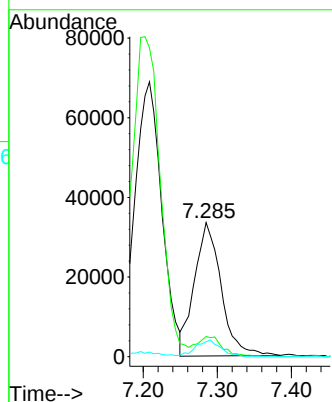
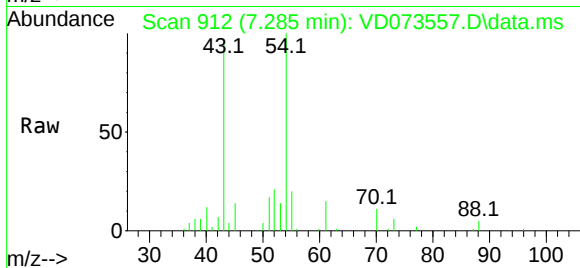
Tgt Ion: 43 Resp: 83806

Ion Ratio Lower Upper

43 100

61 15.2 9.8 14.8#

70 11.8 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 53.894 ug/l

RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

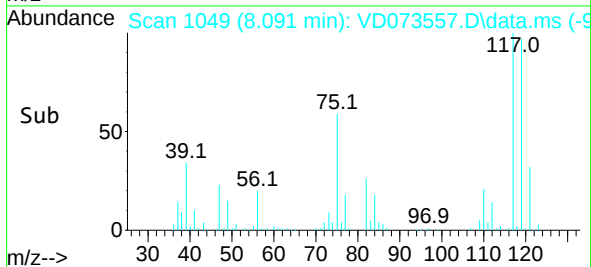
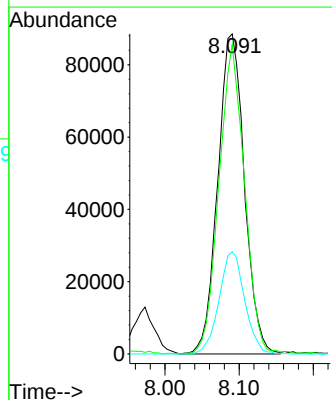
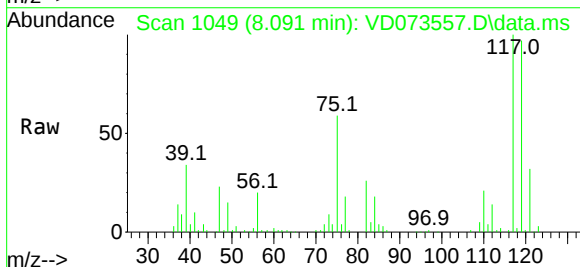
Tgt Ion: 117 Resp: 220603

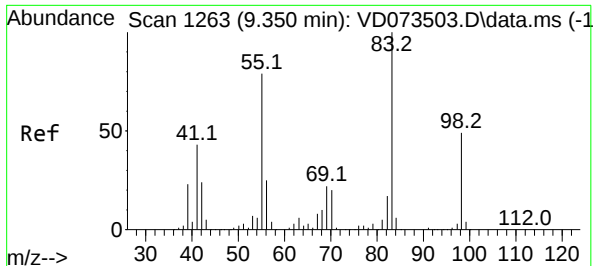
Ion Ratio Lower Upper

117 100

119 96.7 75.8 113.6

121 31.9 24.5 36.7





#39

Methylcyclohexane

Concen: 47.386 ug/l

RT: 9.349 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

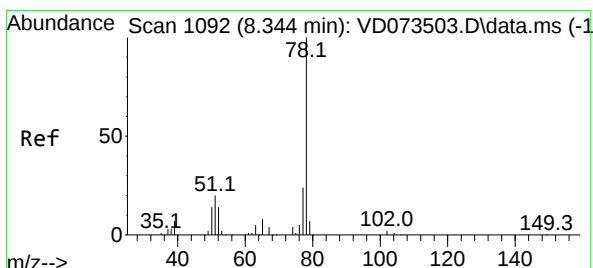
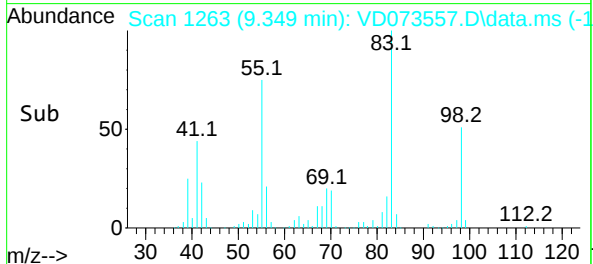
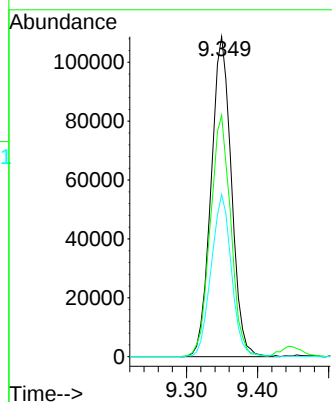
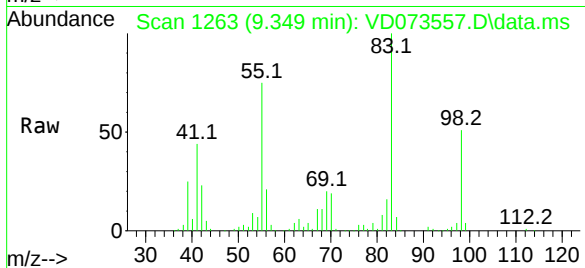
Tgt Ion: 83 Resp: 216070

Ion Ratio Lower Upper

83 100

55 75.4 63.2 94.8

98 50.7 38.2 57.4



#40

Benzene

Concen: 51.821 ug/l

RT: 8.344 min Scan# 1092

Delta R.T. -0.000 min

Lab File: VD073557.D

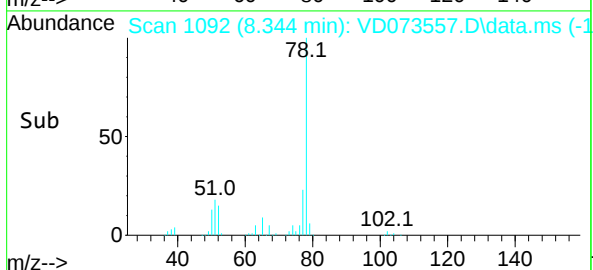
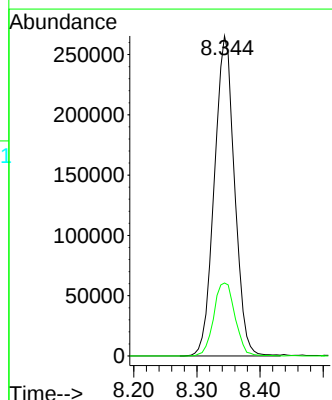
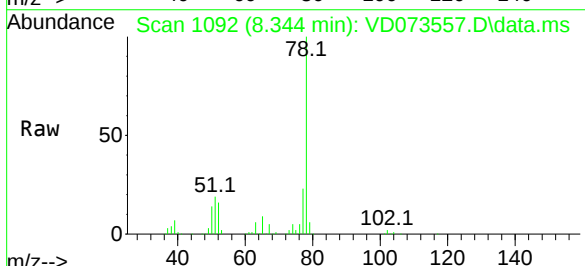
Acq: 13 Jun 2022 20:38

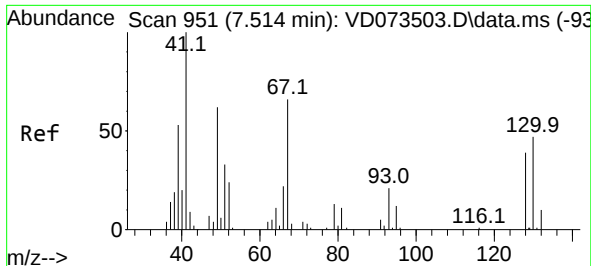
Tgt Ion: 78 Resp: 589813

Ion Ratio Lower Upper

78 100

77 22.8 19.1 28.7

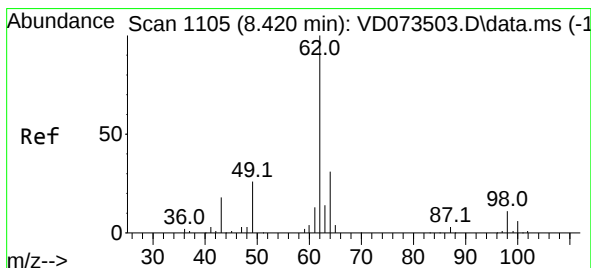
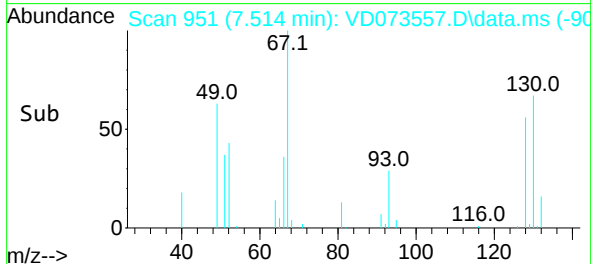
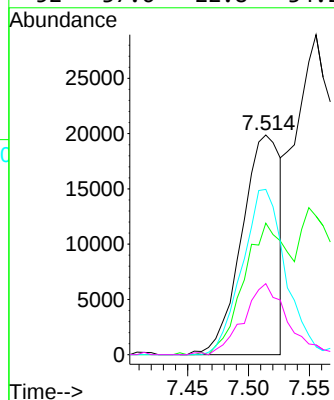
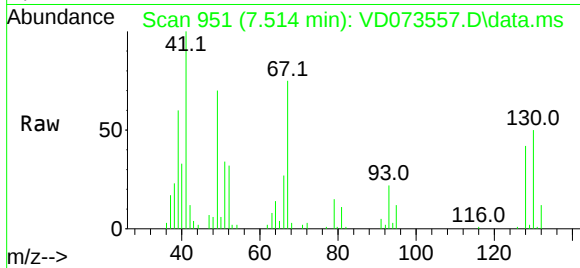




#41
Methacrylonitrile
Concen: 50.950 ug/l
RT: 7.514 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

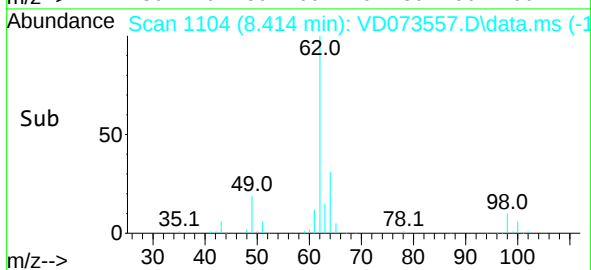
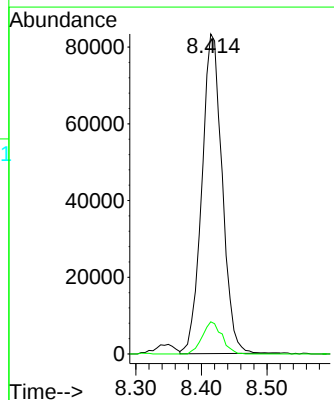
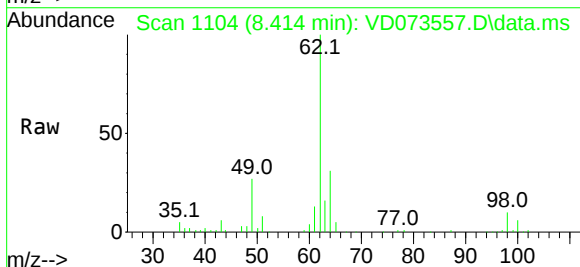
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

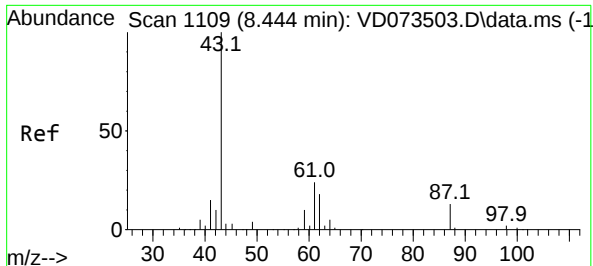
Tgt Ion:	41	Resp:	43659
Ion	Ratio	Lower	Upper
41	100		
39	70.8	44.6	67.0#
67	85.4	48.2	72.4#
52	37.6	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 57.025 ug/l
RT: 8.414 min Scan# 1104
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:	62	Resp:	179448
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6





#43

Isopropyl Acetate

Concen: 52.578 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

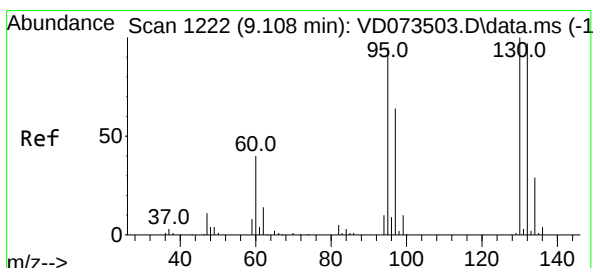
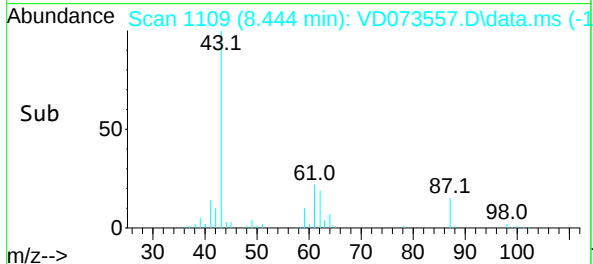
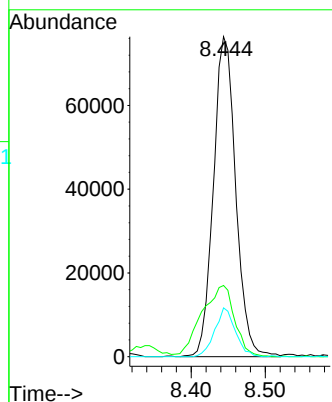
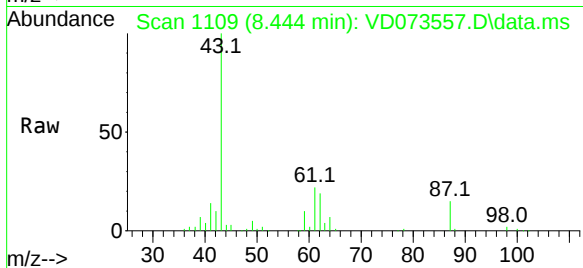
Tgt Ion: 43 Resp: 159888

Ion Ratio Lower Upper

43 100

61 32.9 22.4 33.6

87 14.1 8.7 13.1#



#44

Trichloroethene

Concen: 51.286 ug/l

RT: 9.102 min Scan# 1221

Delta R.T. -0.006 min

Lab File: VD073557.D

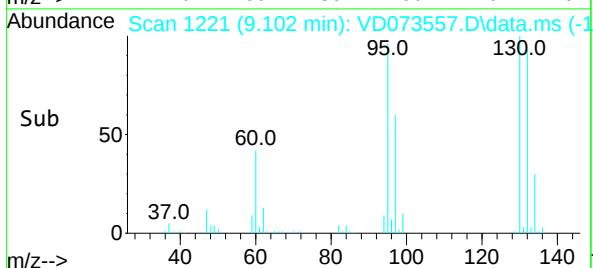
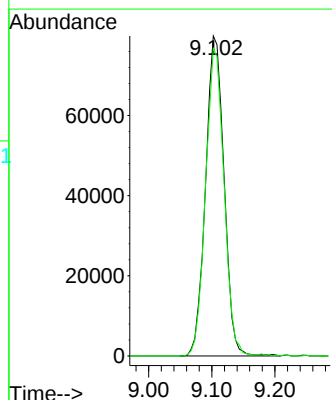
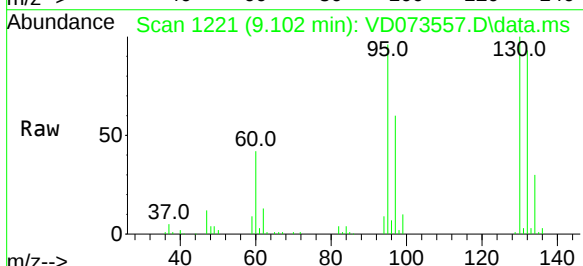
Acq: 13 Jun 2022 20:38

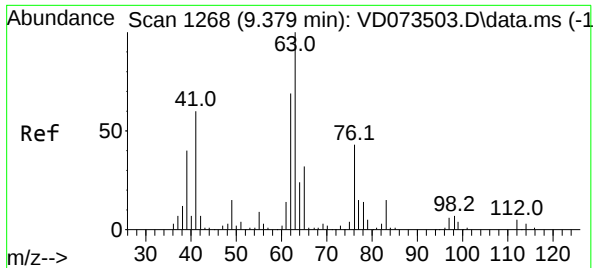
Tgt Ion:130 Resp: 162580

Ion Ratio Lower Upper

130 100

95 96.1 0.0 205.4





#45

1,2-Dichloropropane

Concen: 53.406 ug/l

RT: 9.379 min Scan# 1268

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

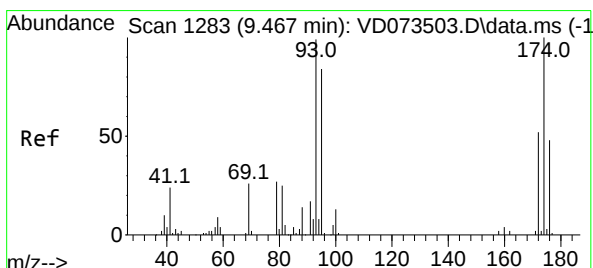
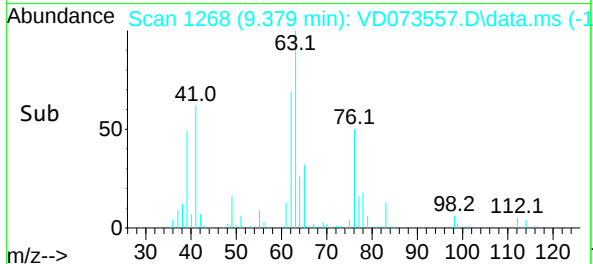
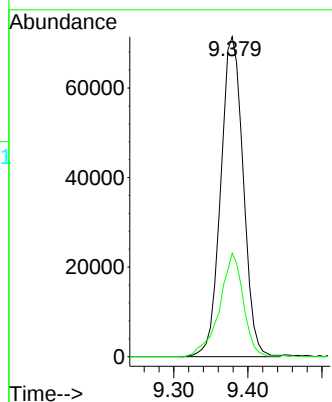
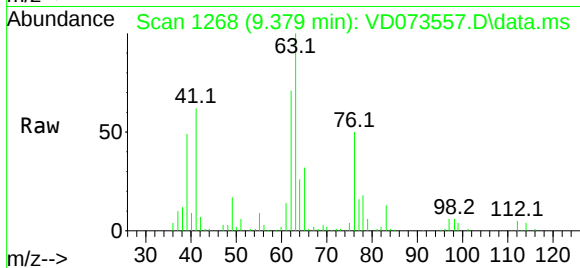
VSTDCCC050EC

Tgt Ion: 63 Resp: 150583

Ion Ratio Lower Upper

63 100

65 32.4 26.2 39.4



#46

Dibromomethane

Concen: 56.831 ug/l

RT: 9.461 min Scan# 1282

Delta R.T. -0.006 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

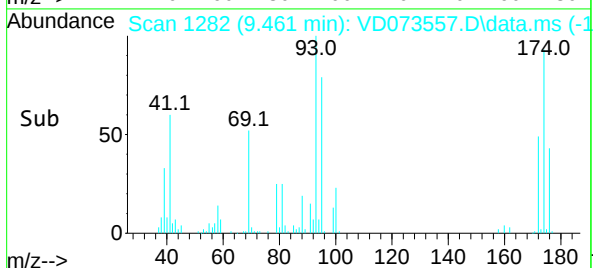
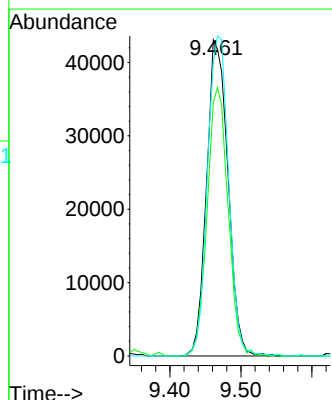
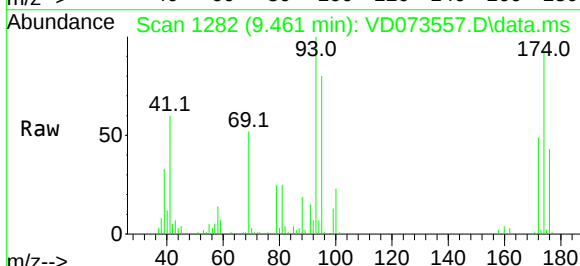
Tgt Ion: 93 Resp: 90269

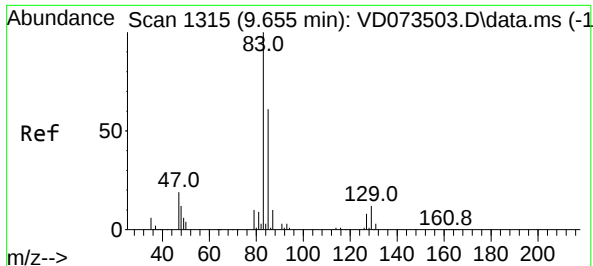
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 100.0 71.6 107.4





#47

Bromodichloromethane

Concen: 56.750 ug/l

RT: 9.655 min Scan# 1315

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

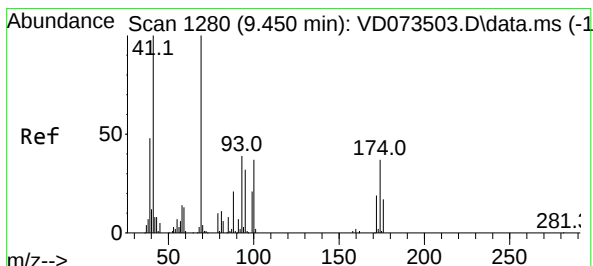
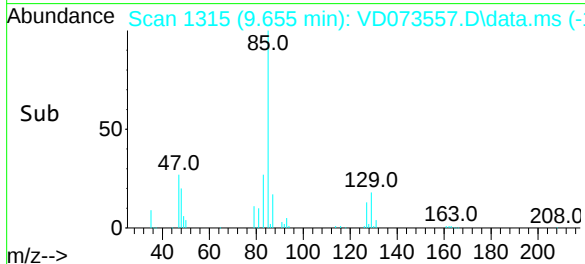
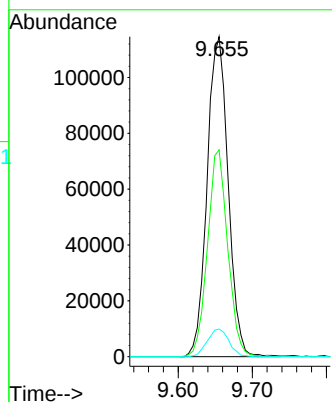
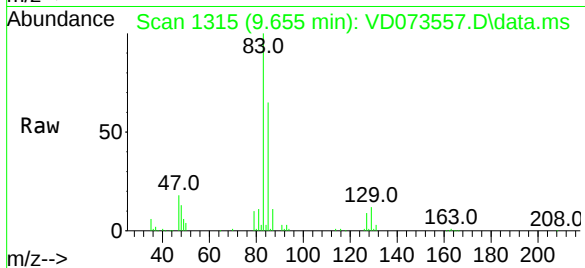
Tgt Ion: 83 Resp: 225865

Ion Ratio Lower Upper

83 100

85 64.6 51.4 77.0

127 8.6 6.1 9.1



#48

Methyl methacrylate

Concen: 51.759 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.001 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

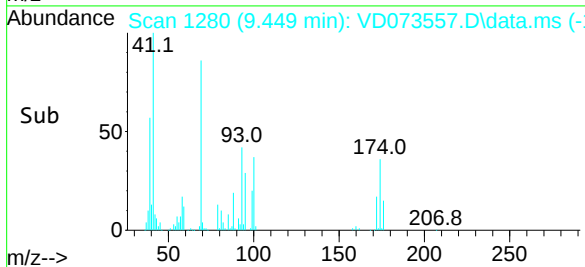
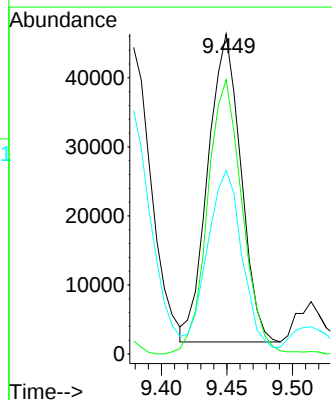
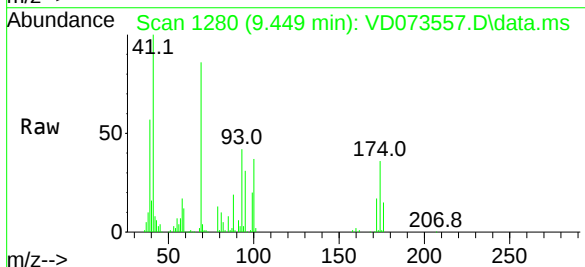
Tgt Ion: 41 Resp: 77968

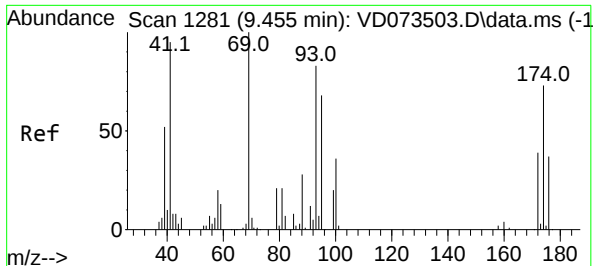
Ion Ratio Lower Upper

41 100

69 94.0 56.7 85.1#

39 64.4 42.7 64.1#





#49

1,4-Dioxane

Concen: 1116.983 ug/l

RT: 9.455 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

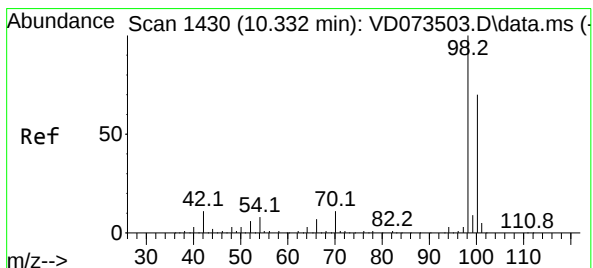
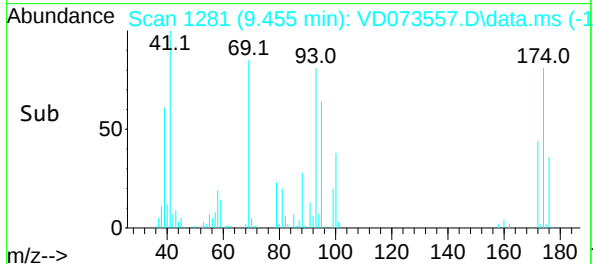
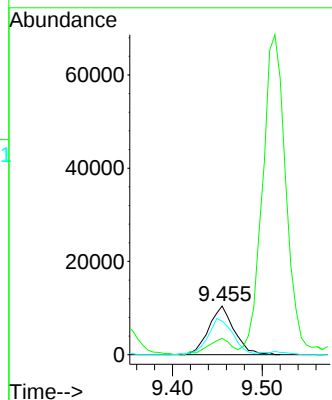
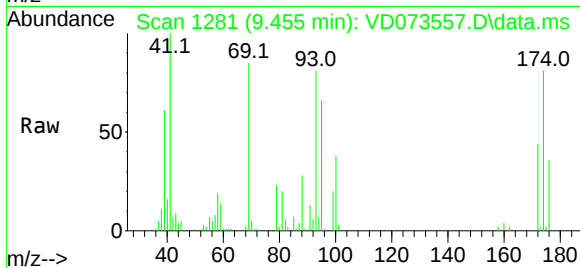
Tgt Ion: 88 Resp: 20406

Ion Ratio Lower Upper

88 100

43 31.5 31.0 46.4

58 73.4 58.1 87.1



#50

Toluene-d8

Concen: 54.057 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073557.D

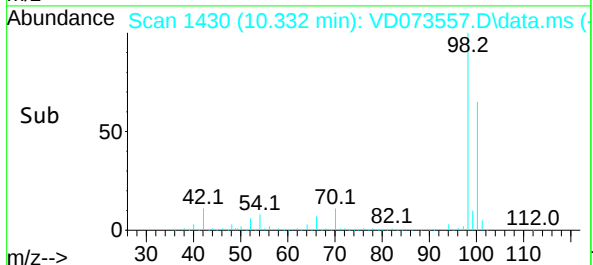
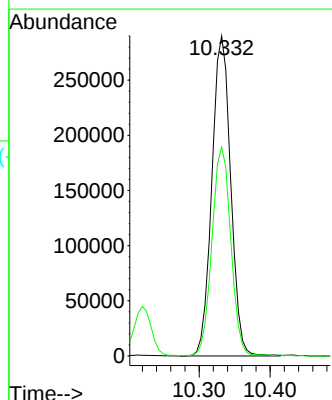
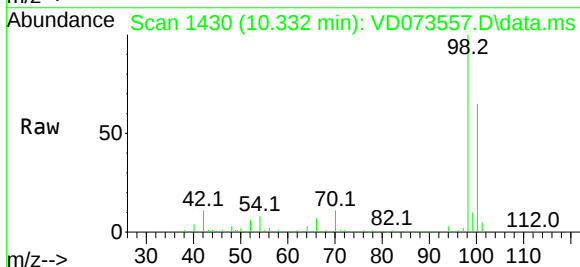
Acq: 13 Jun 2022 20:38

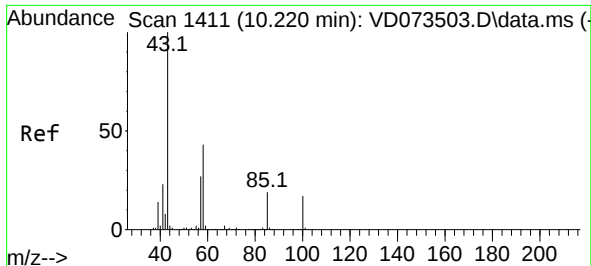
Tgt Ion: 98 Resp: 532465

Ion Ratio Lower Upper

98 100

100 65.2 52.4 78.6

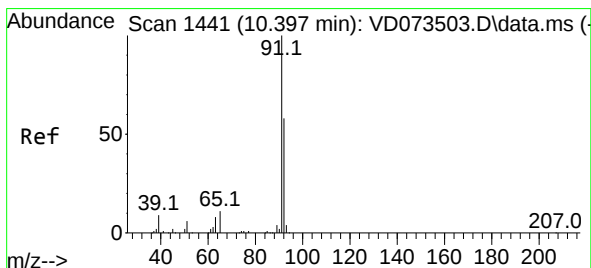
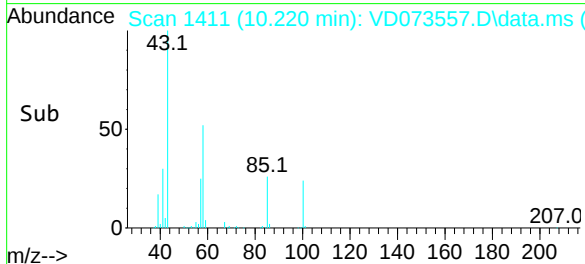
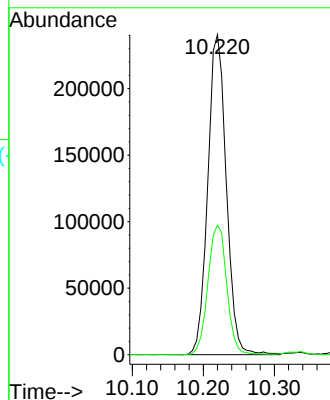
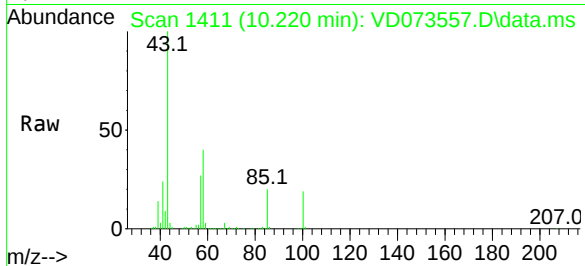




#51
4-Methyl-2-Pentanone
Concen: 283.549 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

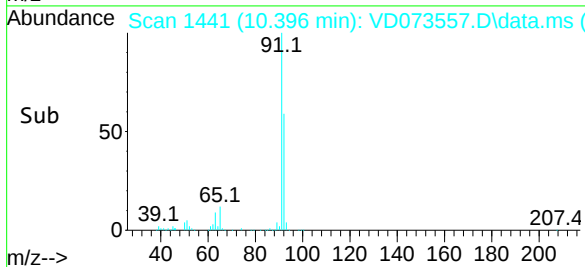
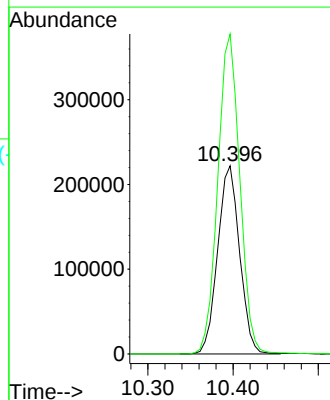
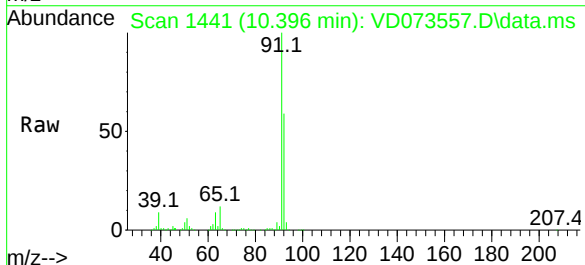
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

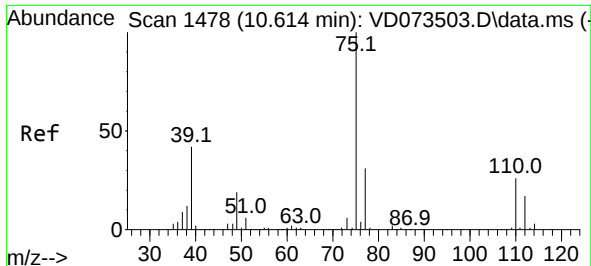
Tgt Ion: 43 Resp: 436308
Ion Ratio Lower Upper
43 100
58 41.1 28.6 43.0



#52
Toluene
Concen: 54.343 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 92 Resp: 396696
Ion Ratio Lower Upper
92 100
91 171.2 139.6 209.4

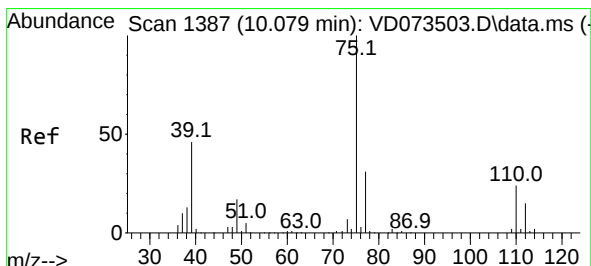
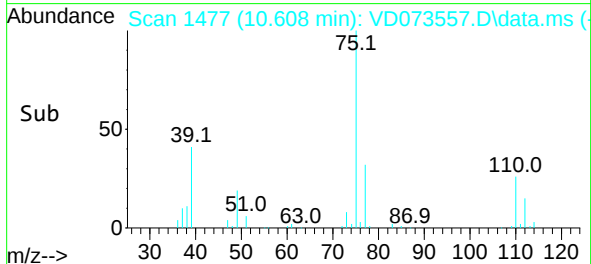
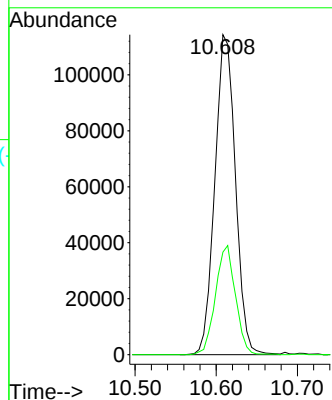
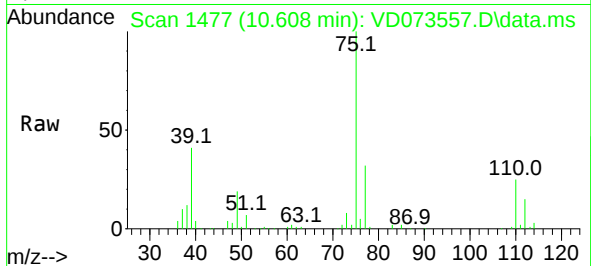




#53
t-1,3-Dichloropropene
Concen: 53.957 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

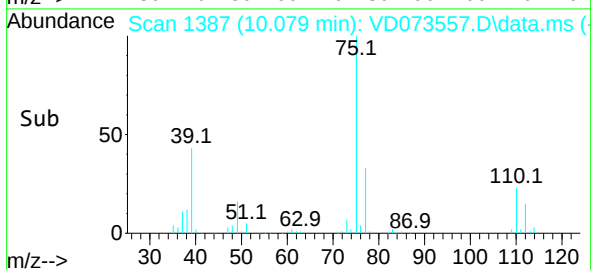
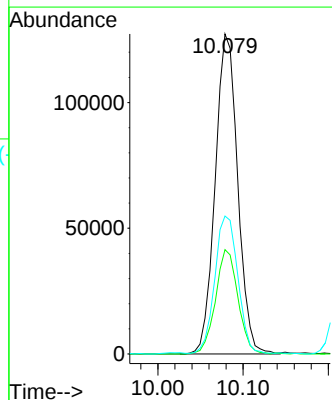
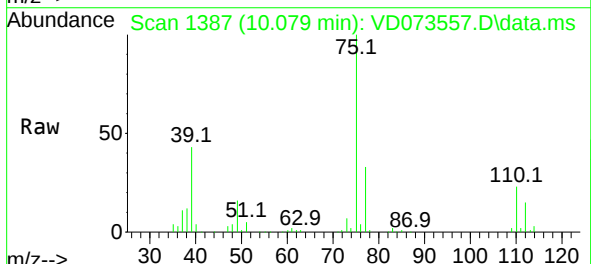
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

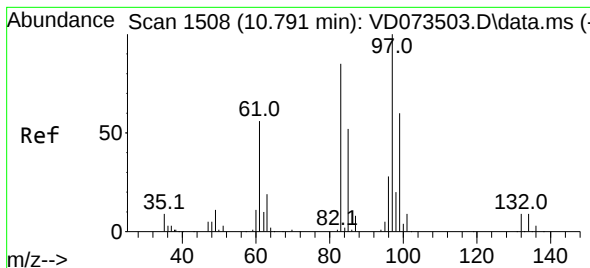
Tgt Ion: 75 Resp: 201412
Ion Ratio Lower Upper
75 100
77 32.0 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 53.465 ug/l
RT: 10.079 min Scan# 1387
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 75 Resp: 233736
Ion Ratio Lower Upper
75 100
77 32.6 24.8 37.2
39 42.7 46.8 70.2#

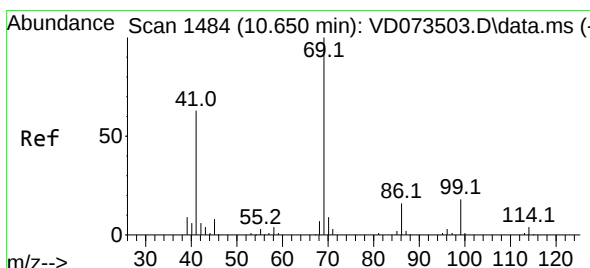
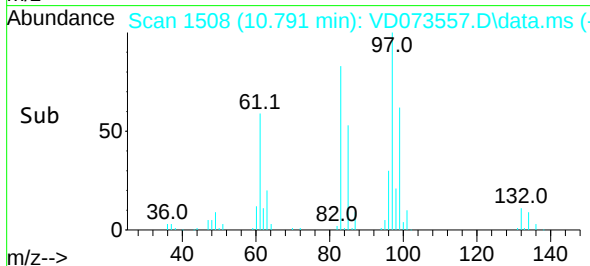
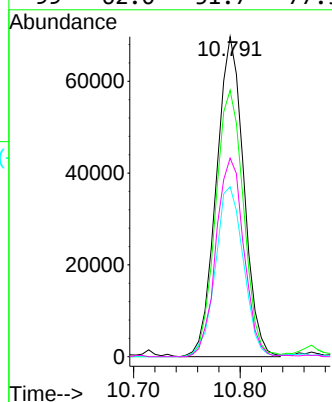
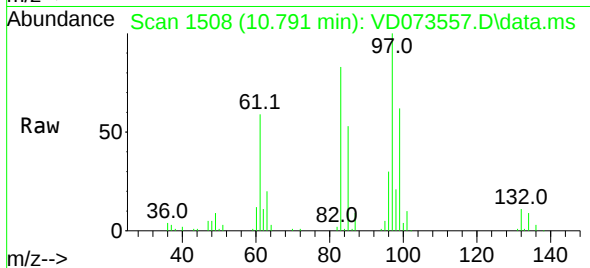




#55
1,1,2-Trichloroethane
Concen: 55.046 ug/l
RT: 10.791 min Scan# 11
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

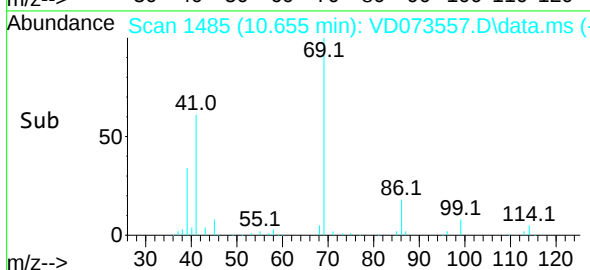
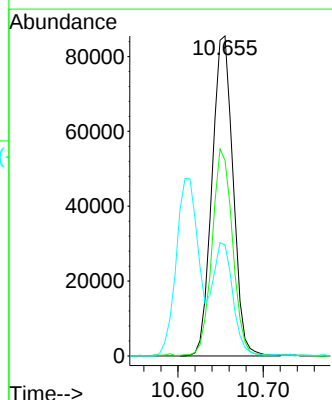
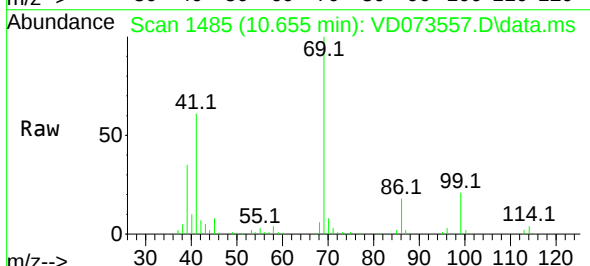
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

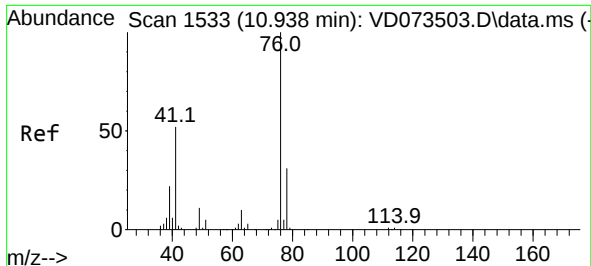
Tgt Ion:	97	Resp:	124698
Ion	Ratio	Lower	Upper
97	100		
83	83.2	69.0	103.4
85	53.1	42.6	63.8
99	62.0	51.7	77.5



#56
Ethyl methacrylate
Concen: 56.616 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.005 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:	69	Resp:	146945
Ion	Ratio	Lower	Upper
69	100		
41	62.6	63.0	94.6#
39	34.0	33.8	50.8





#57

1,3-Dichloropropane

Concen: 55.932 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

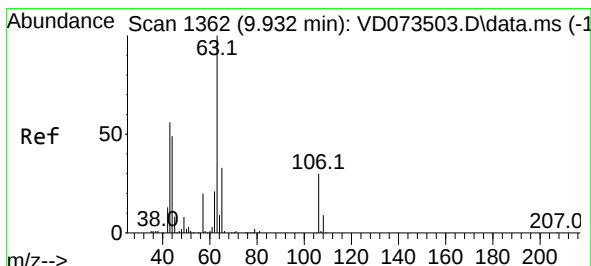
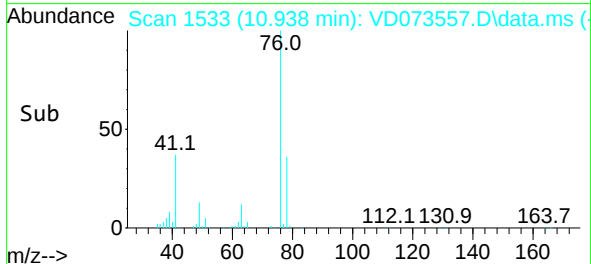
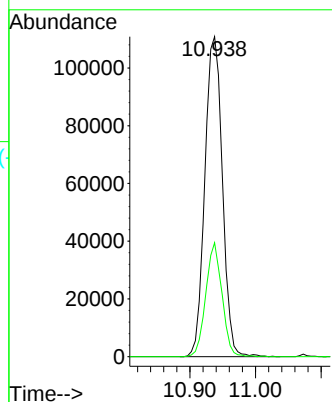
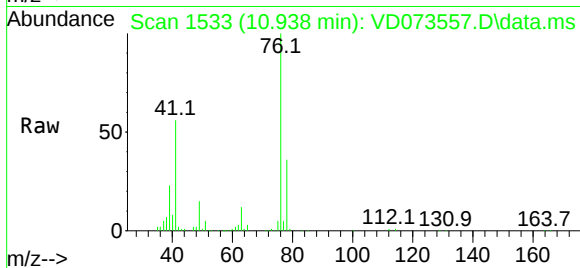
VSTDCCC050EC

Tgt Ion: 76 Resp: 206380

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 270.973 ug/l

RT: 9.932 min Scan# 1362

Delta R.T. -0.000 min

Lab File: VD073557.D

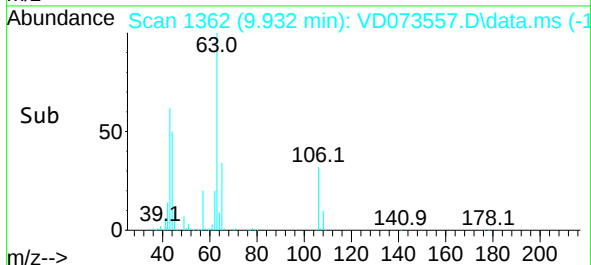
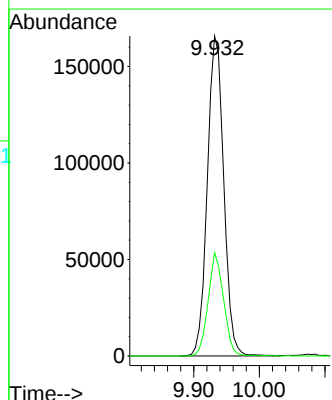
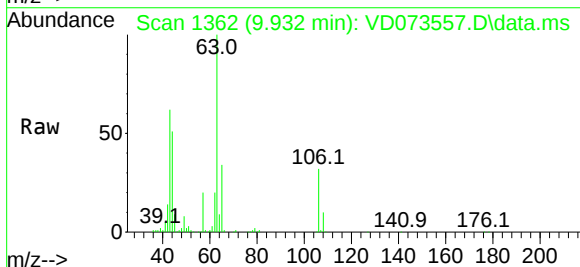
Acq: 13 Jun 2022 20:38

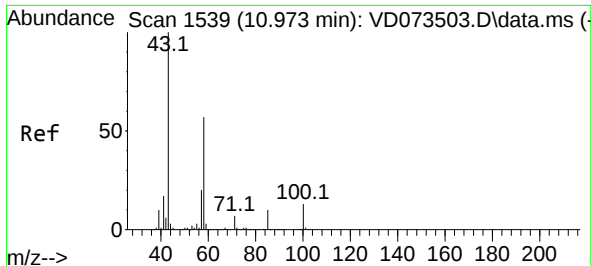
Tgt Ion: 63 Resp: 289161

Ion Ratio Lower Upper

63 100

106 30.2 21.4 32.0

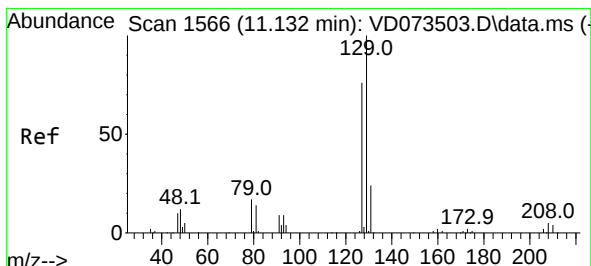
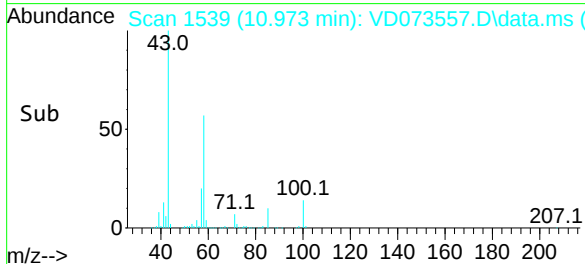
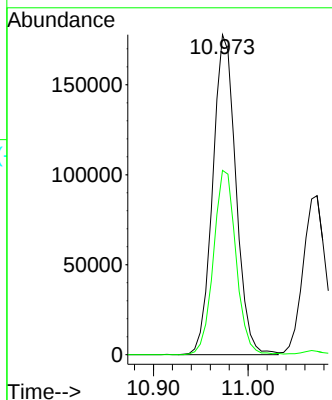
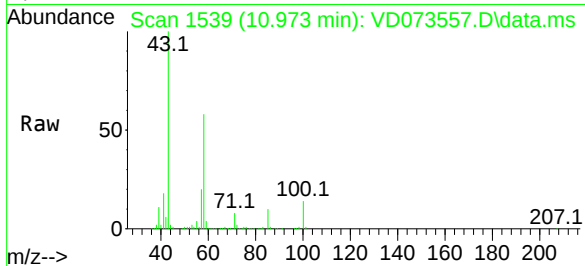




#59
2-Hexanone
Concen: 287.248 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

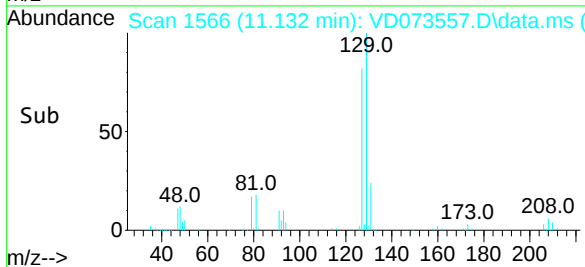
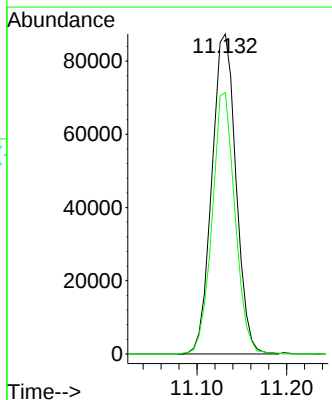
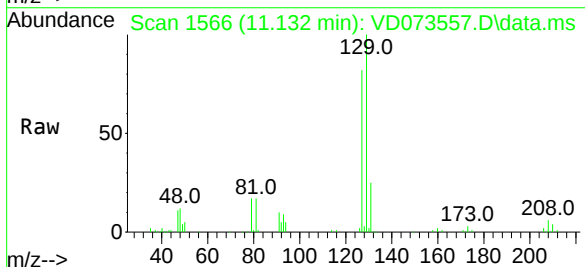
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

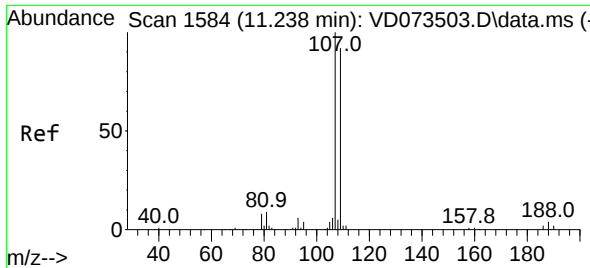
Tgt Ion: 43 Resp: 302702
Ion Ratio Lower Upper
43 100
58 56.1 25.3 75.9



#60
Dibromochloromethane
Concen: 58.353 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:129 Resp: 163152
Ion Ratio Lower Upper
129 100
127 77.5 39.2 117.6

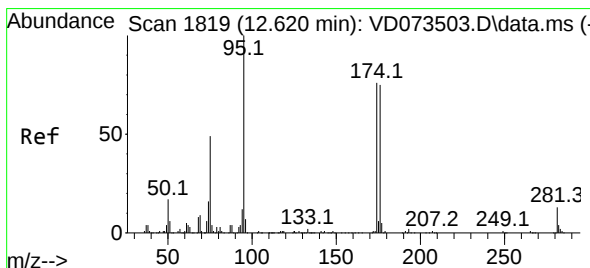
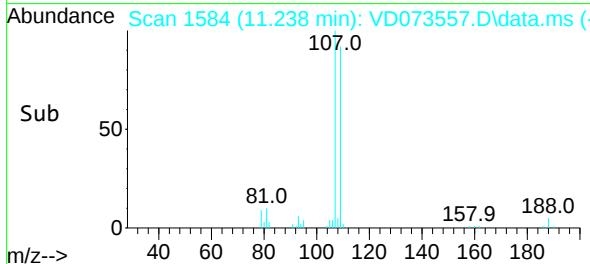
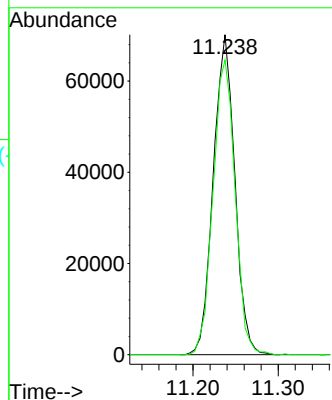
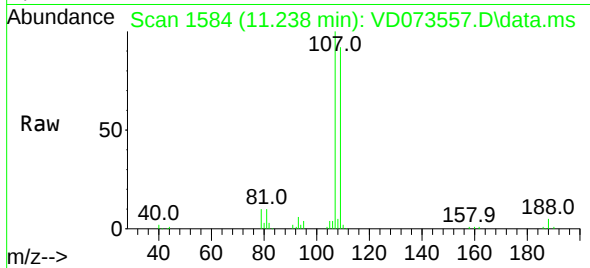




#61
1,2-Dibromoethane
Concen: 57.006 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

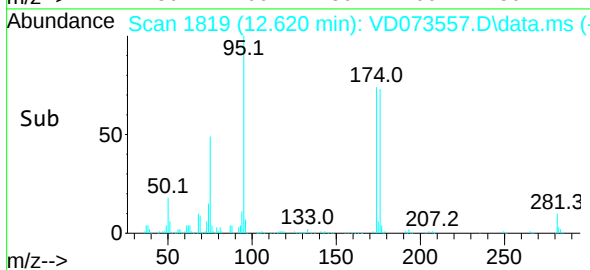
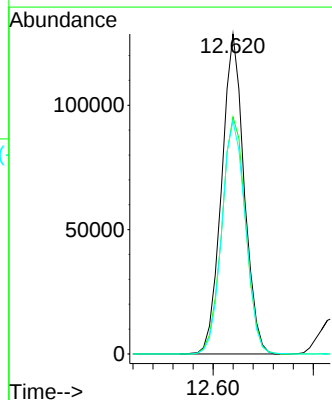
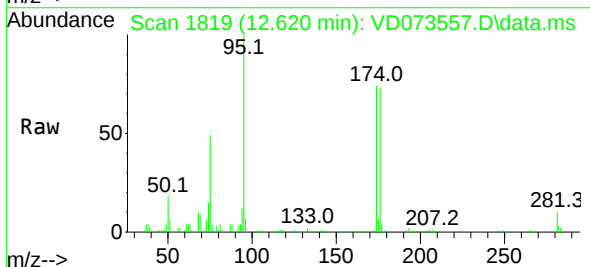
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

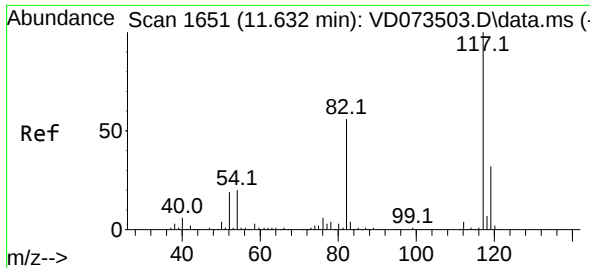
Tgt Ion:107 Resp: 123046
Ion Ratio Lower Upper
107 100
109 94.5 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 55.839 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 95 Resp: 199671
Ion Ratio Lower Upper
95 100
174 78.2 0.0 152.8
176 76.6 0.0 145.4

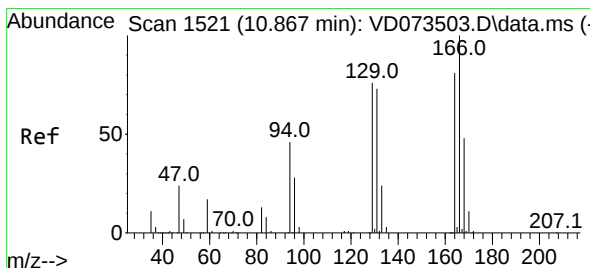
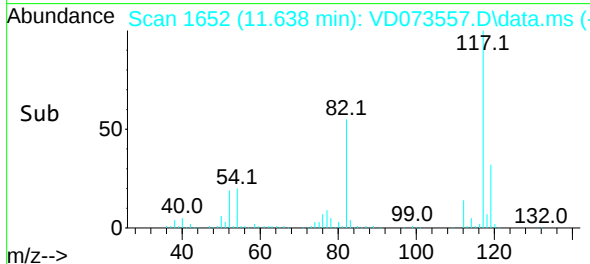
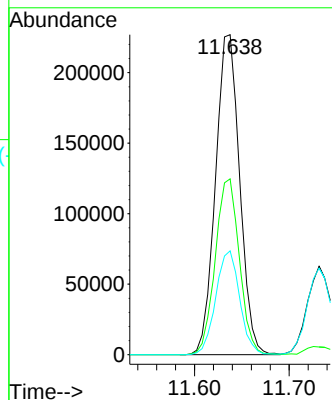
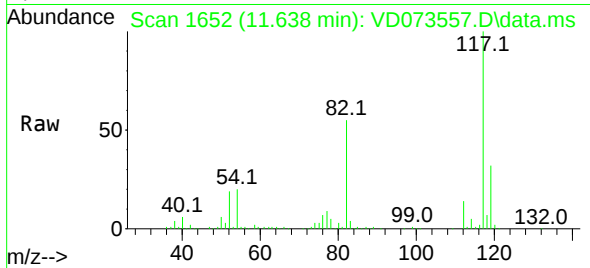




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

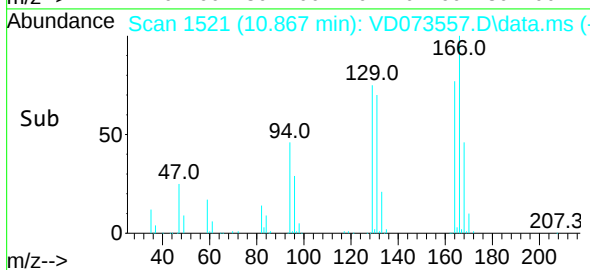
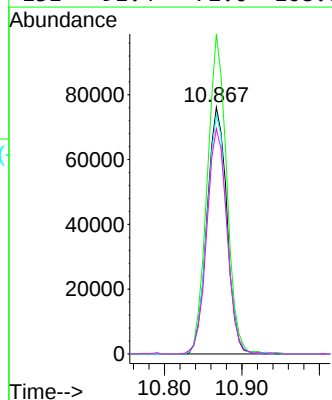
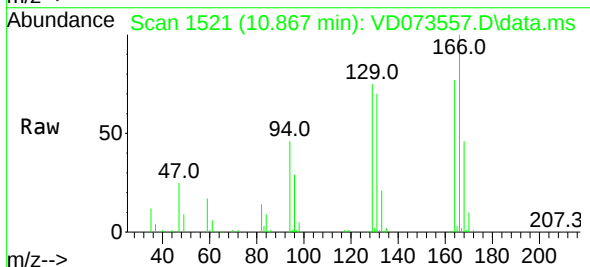
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

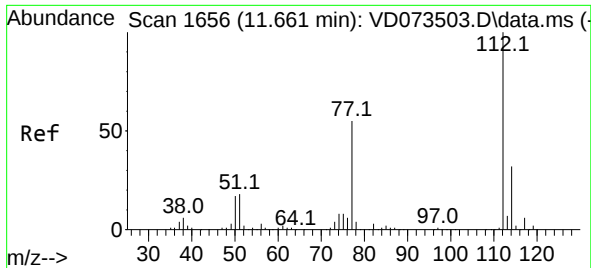
Tgt Ion:117 Resp: 403113
Ion Ratio Lower Upper
117 100
82 54.9 45.3 67.9
119 32.4 26.6 40.0



#64
Tetrachloroethene
Concen: 49.468 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:164 Resp: 135759
Ion Ratio Lower Upper
164 100
166 129.7 98.5 147.7
129 96.8 74.6 111.8
131 91.4 72.0 108.0

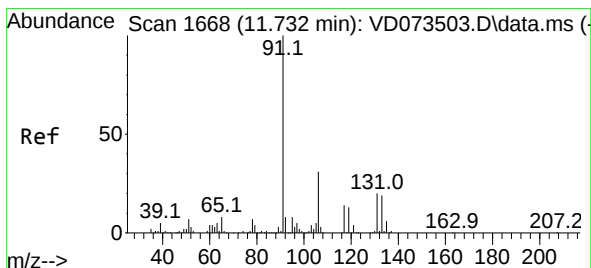
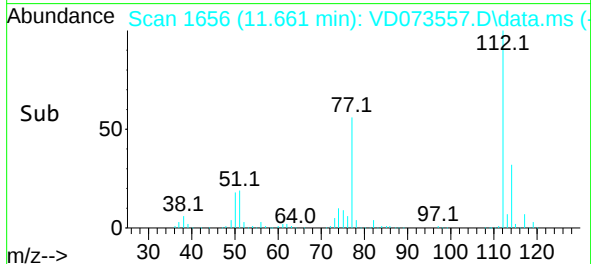
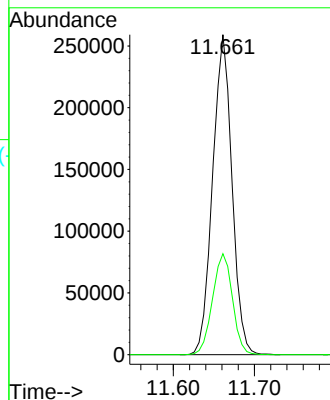
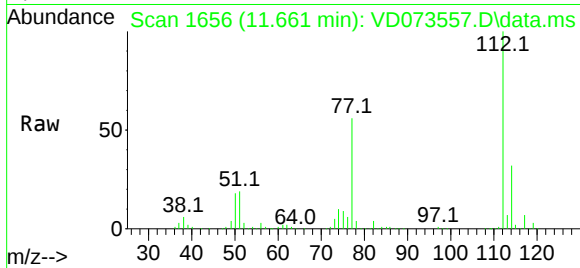




#65
Chlorobenzene
Concen: 51.697 ug/l
RT: 11.661 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

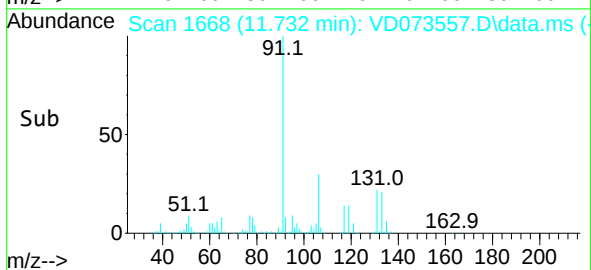
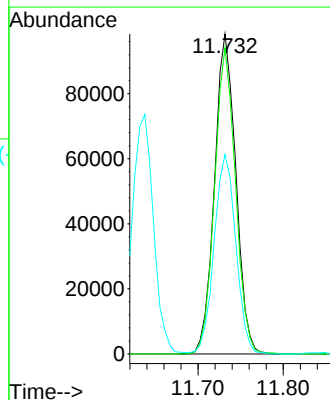
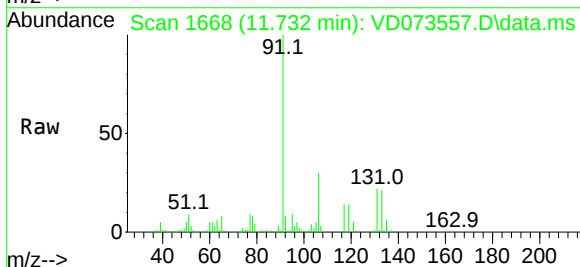
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

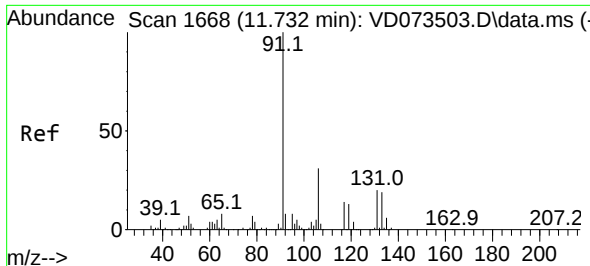
Tgt Ion:112 Resp: 428782
Ion Ratio Lower Upper
112 100
114 31.6 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 54.318 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:131 Resp: 170936
Ion Ratio Lower Upper
131 100
133 93.7 48.1 144.3
119 63.6 31.9 95.9

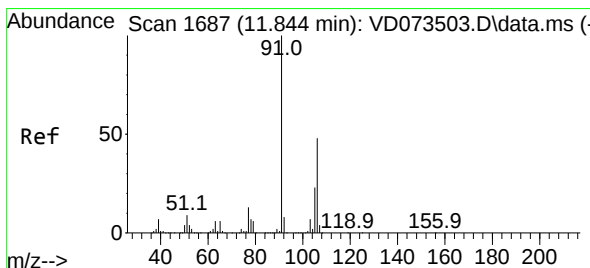
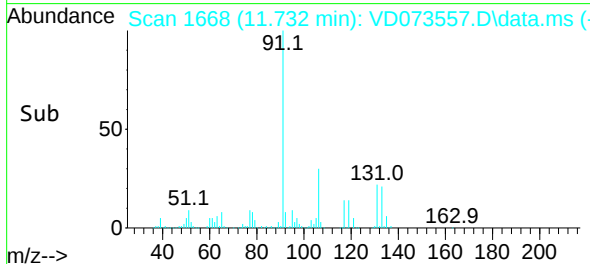
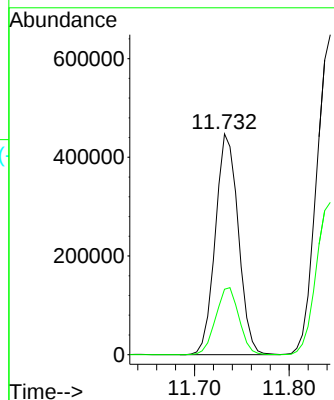
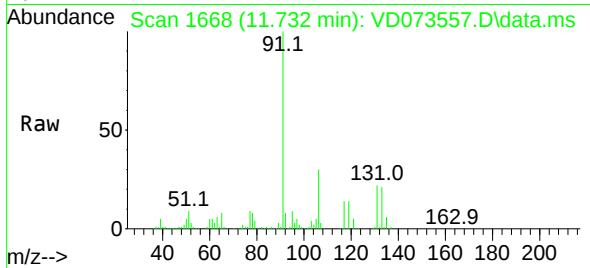




#67
Ethyl Benzene
Concen: 52.045 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

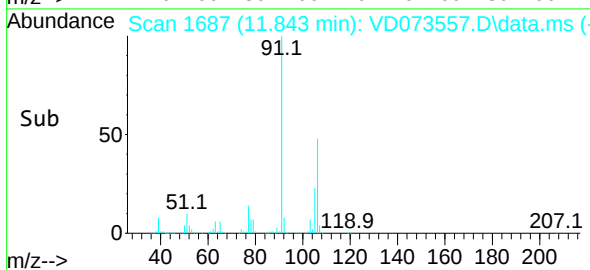
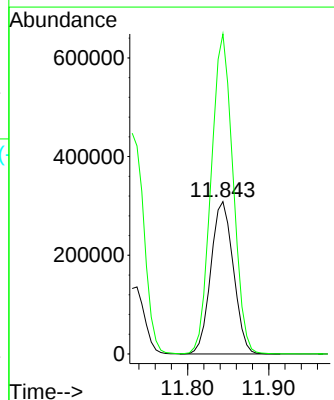
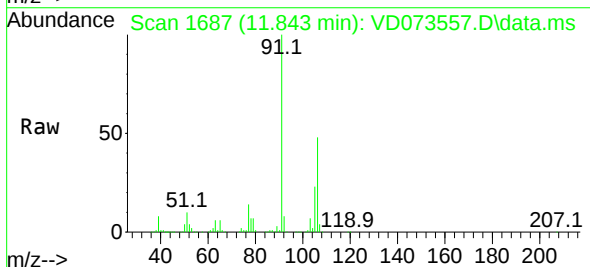
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

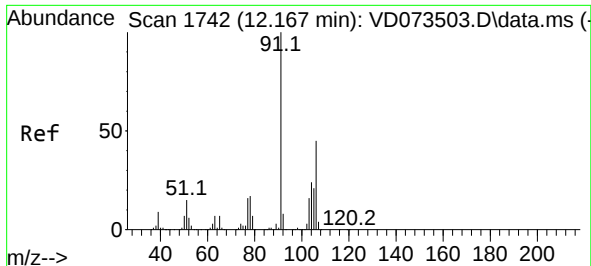
Tgt Ion: 91 Resp: 754364
Ion Ratio Lower Upper
91 100
106 29.6 24.2 36.4



#68
m/p-Xylenes
Concen: 104.676 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 106 Resp: 595395
Ion Ratio Lower Upper
106 100
91 203.7 163.7 245.5

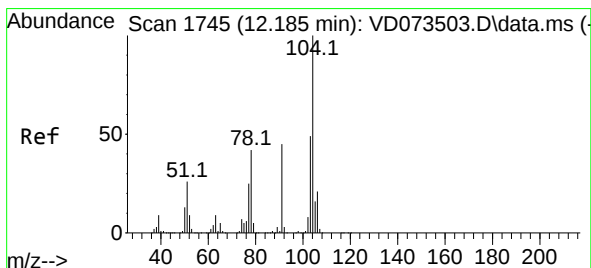
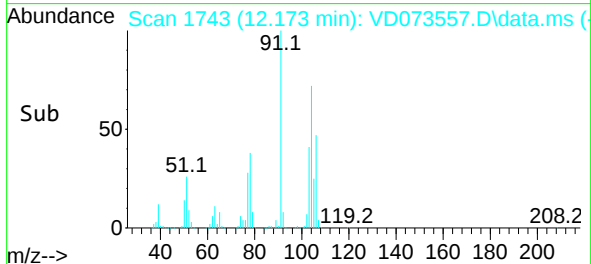
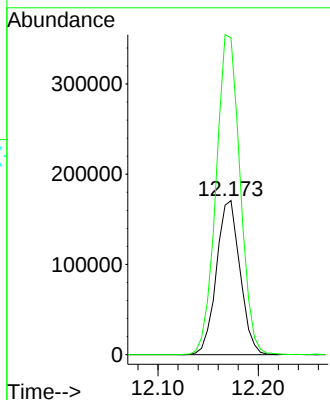
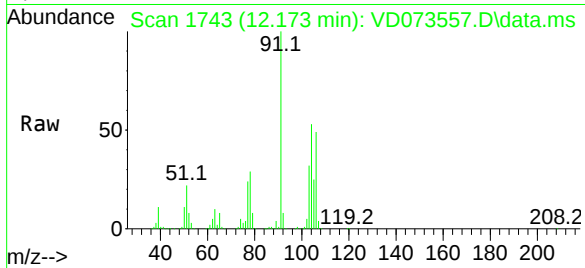




#69
o-Xylene
Concen: 53.339 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. 0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

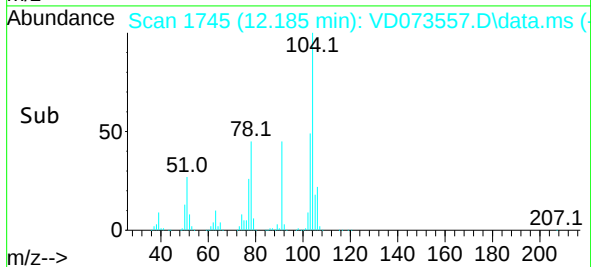
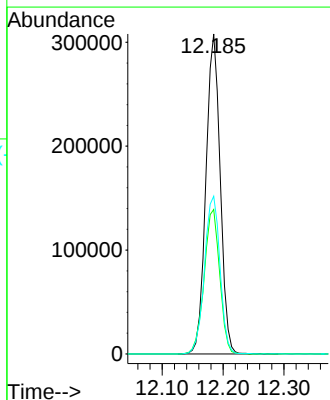
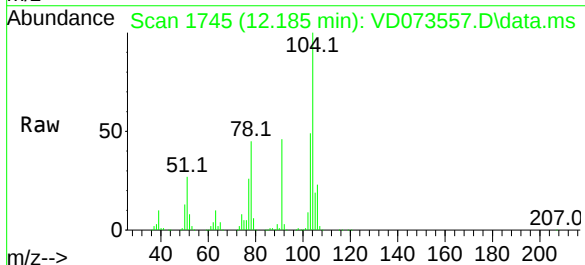
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

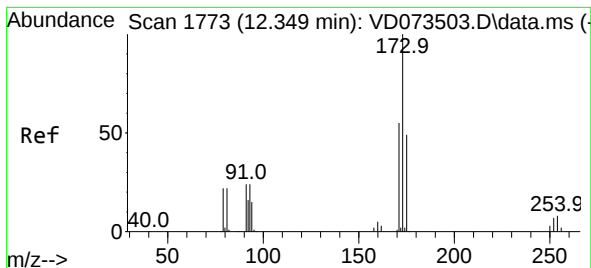
Tgt Ion:106 Resp: 279164
Ion Ratio Lower Upper
106 100
91 211.7 110.4 331.2



#70
Styrene
Concen: 55.649 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:104 Resp: 502389
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 53.7 44.2 66.4





#71

Bromoform

Concen: 56.339 ug/l

RT: 12.349 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

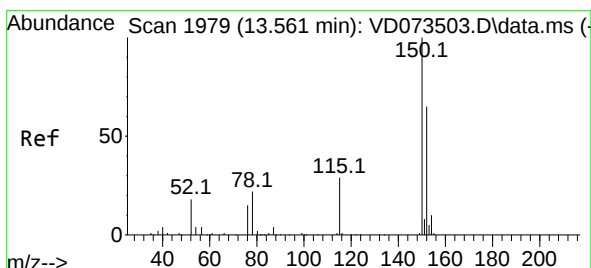
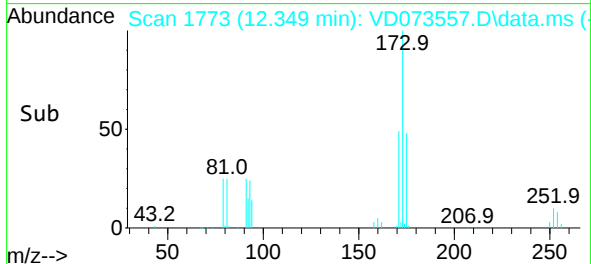
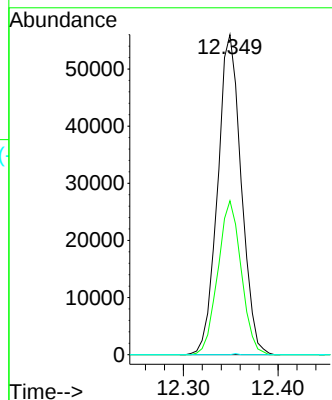
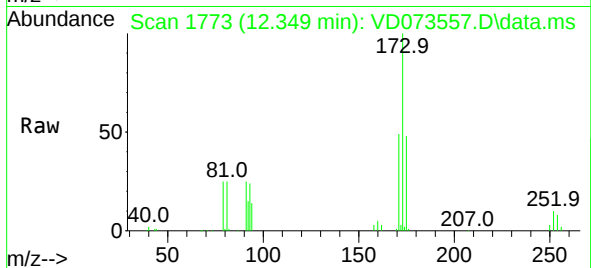
Tgt Ion:173 Resp: 96945

Ion Ratio Lower Upper

173 100

175 47.6 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: VD073557.D

Acq: 13 Jun 2022 20:38

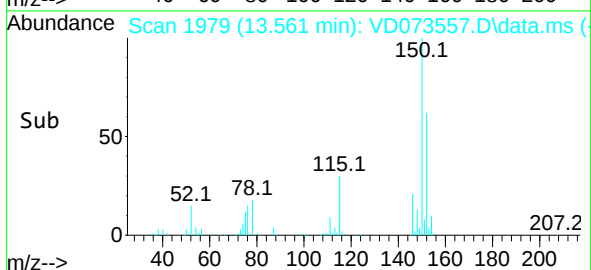
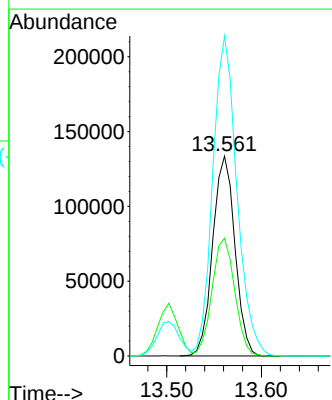
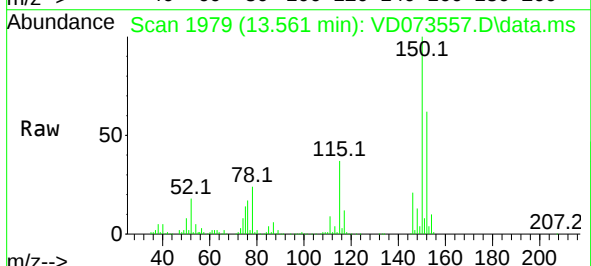
Tgt Ion:152 Resp: 218091

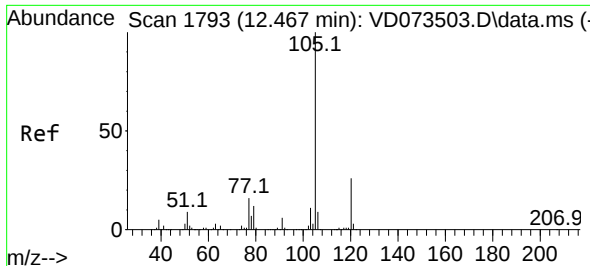
Ion Ratio Lower Upper

152 100

115 60.3 31.3 93.8

150 174.0 0.0 348.6

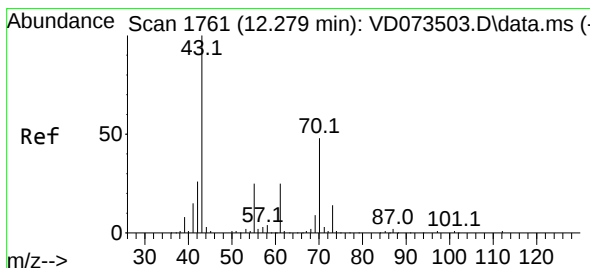
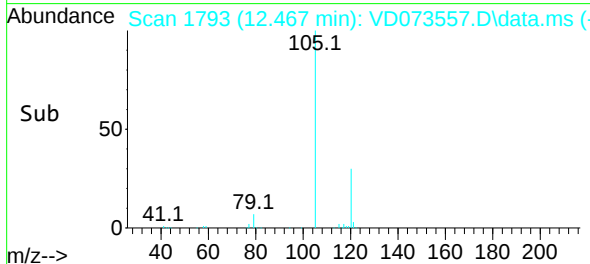
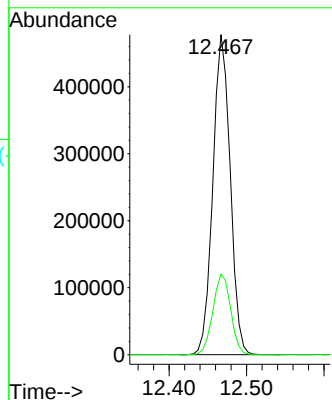
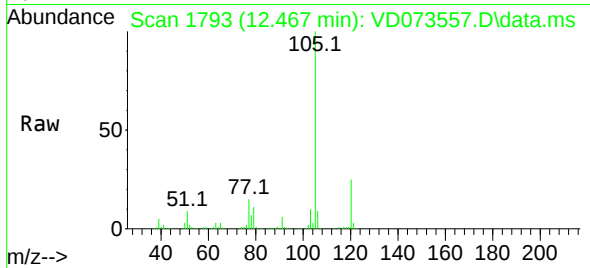




#73
Isopropylbenzene
Concen: 49.122 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

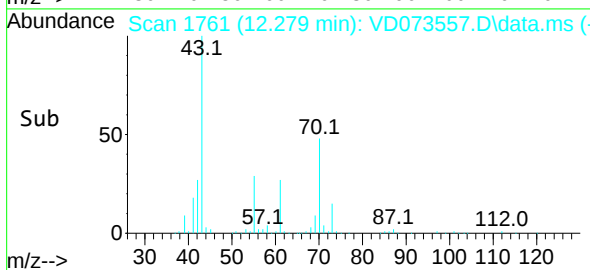
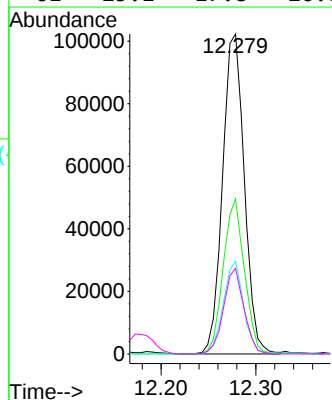
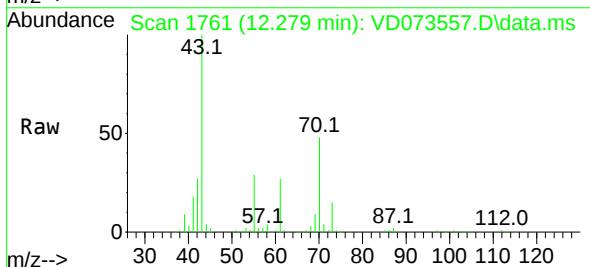
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

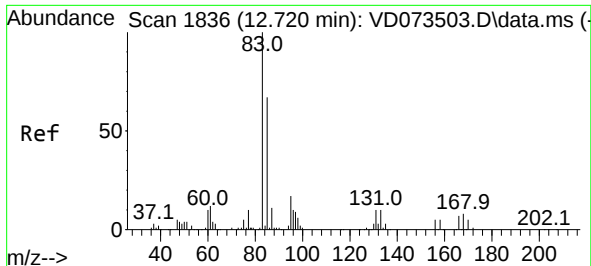
Tgt Ion:105 Resp: 742559
Ion Ratio Lower Upper
105 100
120 25.8 13.0 38.9



#74
N-ethyl acetate
Concen: 48.568 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 43 Resp: 163328
Ion Ratio Lower Upper
43 100
70 47.4 31.3 46.9#
55 27.0 20.0 30.0
61 25.1 17.8 26.8

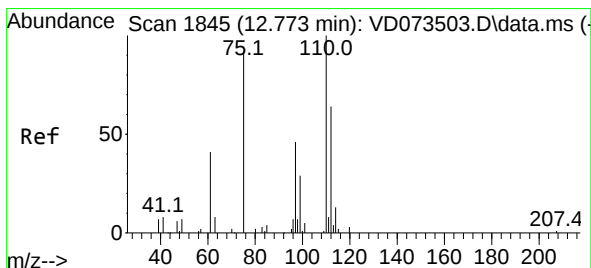
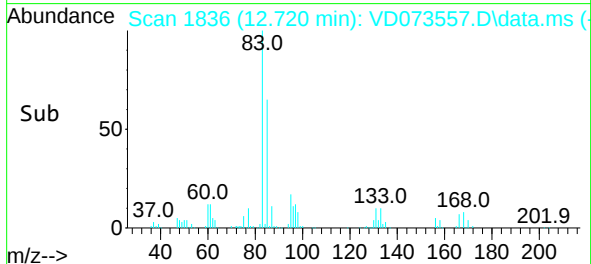
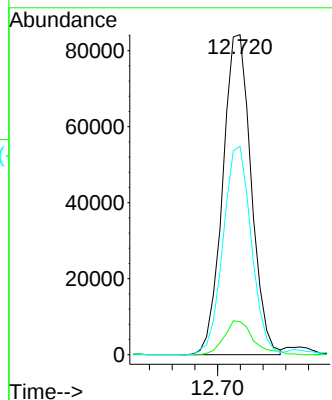
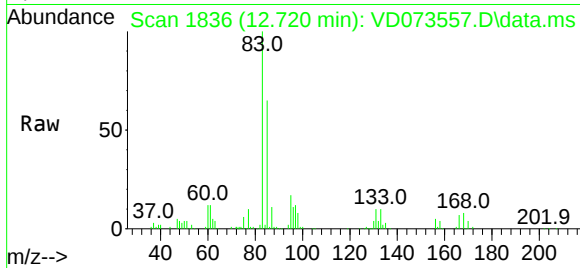




#75
 1,1,2,2-Tetrachloroethane
 Concen: 51.068 ug/l
 RT: 12.720 min Scan# 1836
 Delta R.T. -0.000 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

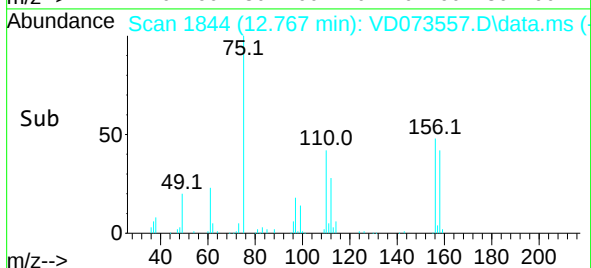
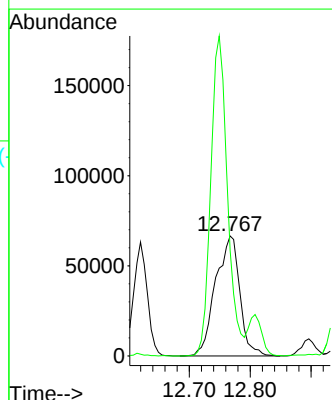
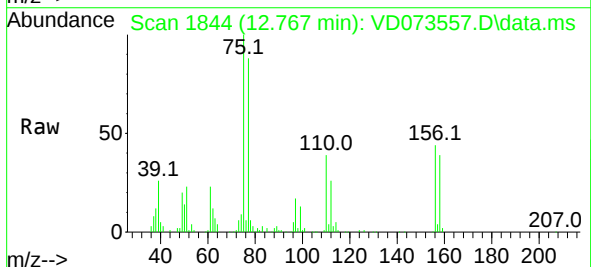
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

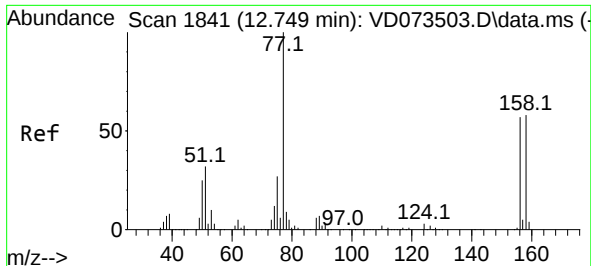
Tgt Ion: 83 Resp: 146548
 Ion Ratio Lower Upper
 83 100
 131 10.8 5.0 14.9
 85 64.6 32.6 98.0



#76
 1,2,3-Trichloropropane
 Concen: 86.709 ug/l
 RT: 12.767 min Scan# 1844
 Delta R.T. -0.006 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

Tgt Ion: 75 Resp: 183707
 Ion Ratio Lower Upper
 75 100
 77 184.3 0.0 0.0#

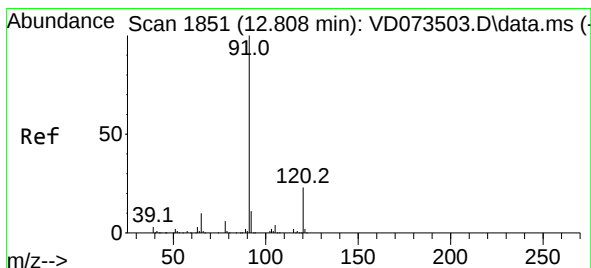
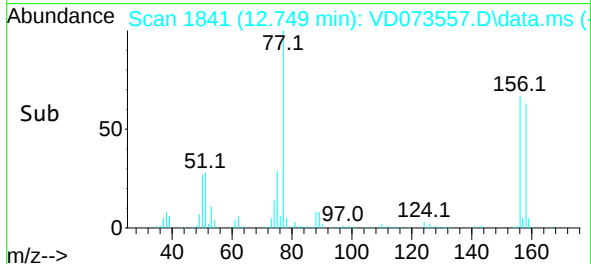
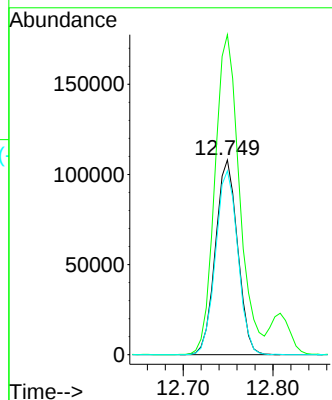
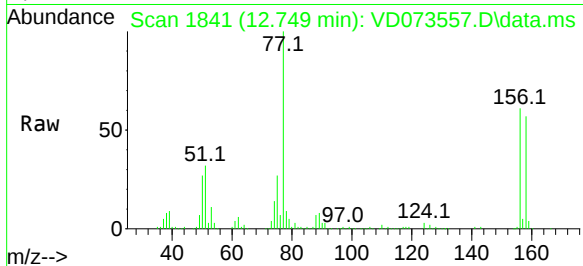




#77
Bromobenzene
Concen: 50.189 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

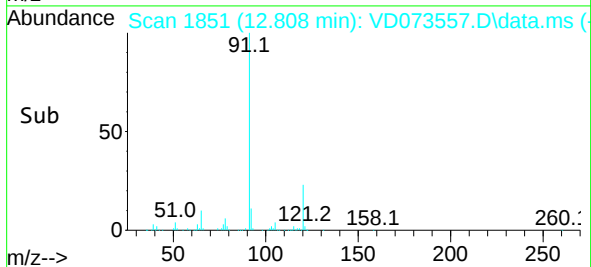
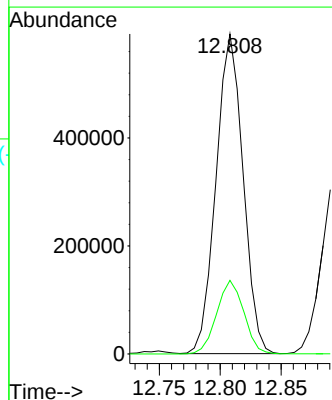
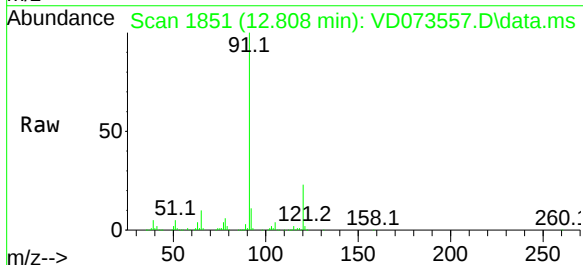
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

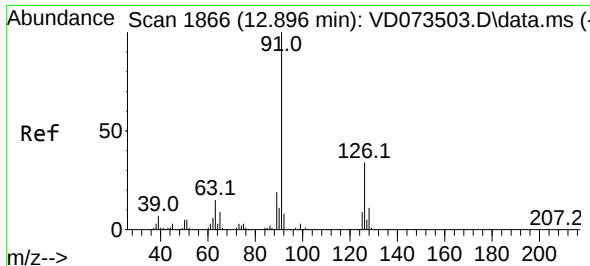
Tgt Ion:156 Resp: 185286
Ion Ratio Lower Upper
156 100
77 182.7 102.8 308.3
158 94.9 48.7 146.1



#78
n-propylbenzene
Concen: 48.549 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 91 Resp: 913513
Ion Ratio Lower Upper
91 100
120 23.1 10.9 32.9

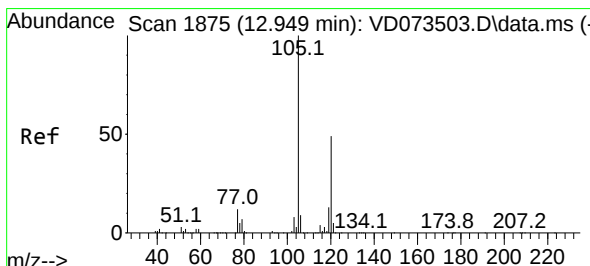
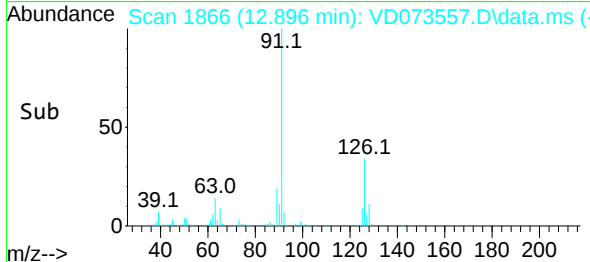
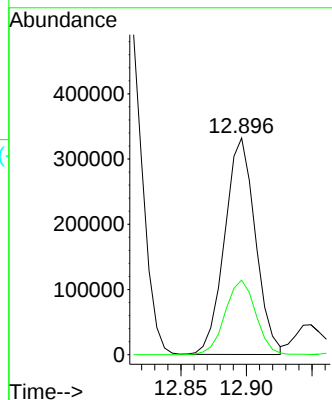
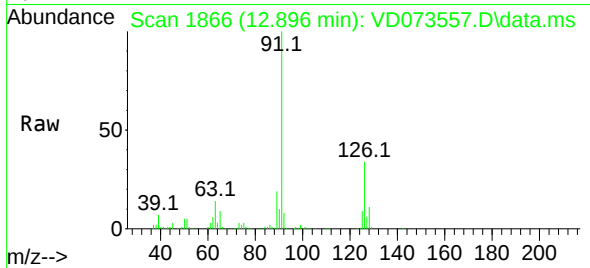




#79
2-Chlorotoluene
Concen: 49.512 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

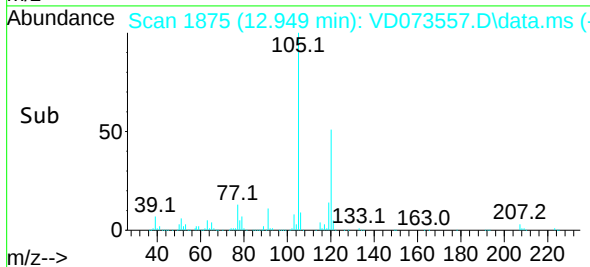
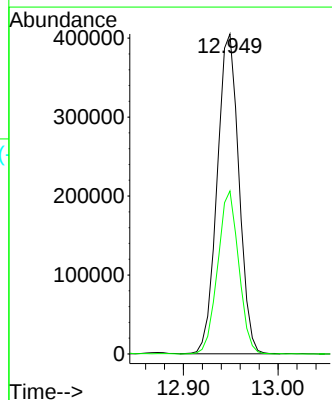
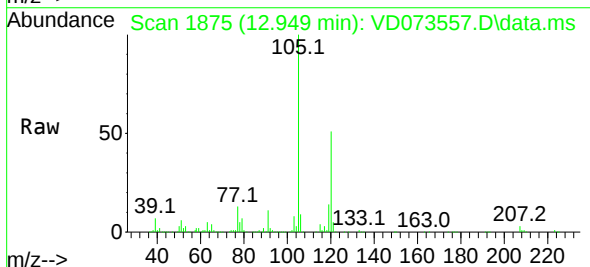
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

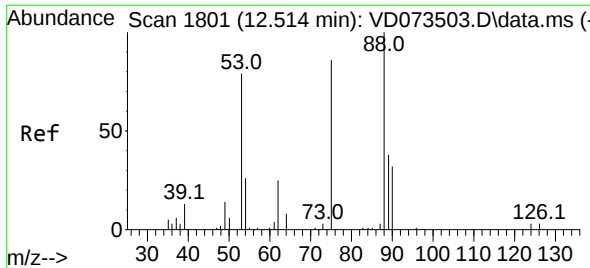
Tgt Ion: 91 Resp: 541529
Ion Ratio Lower Upper
91 100
126 34.2 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 49.614 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 105 Resp: 646845
Ion Ratio Lower Upper
105 100
120 49.4 24.3 72.8

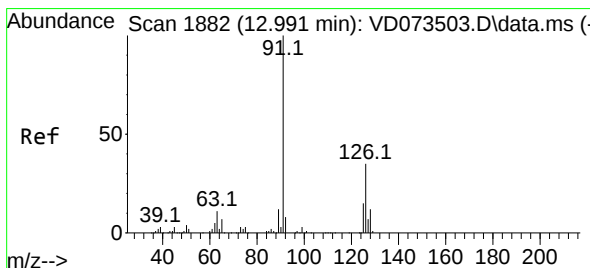
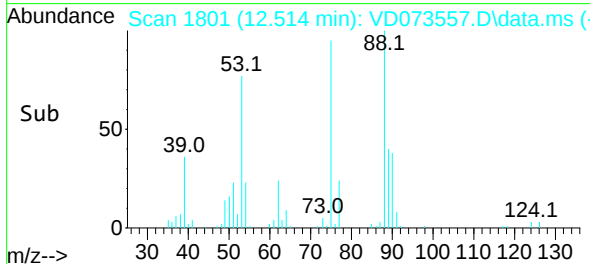
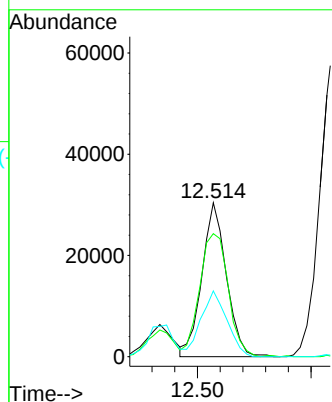
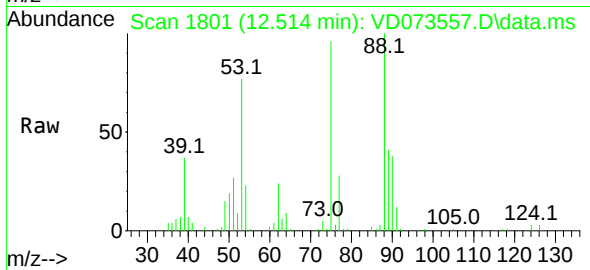




#81
trans-1,4-Dichloro-2-butene
Concen: 50.294 ug/l
RT: 12.514 min Scan# 1801
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

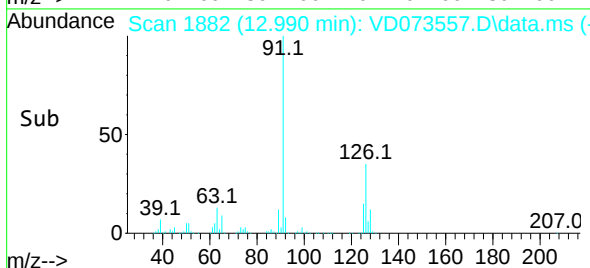
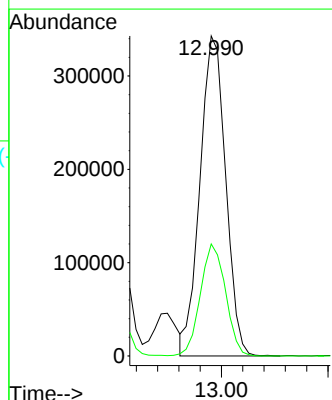
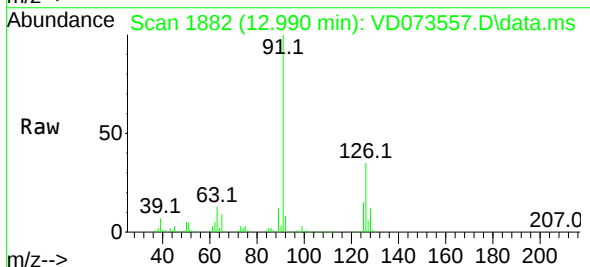
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

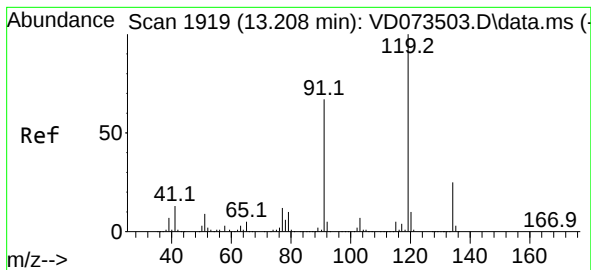
Tgt Ion: 75 Resp: 45398
Ion Ratio Lower Upper
75 100
53 94.2 86.5 129.7
89 44.9 33.9 50.9



#82
4-Chlorotoluene
Concen: 49.766 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. -0.001 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 91 Resp: 573831
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5

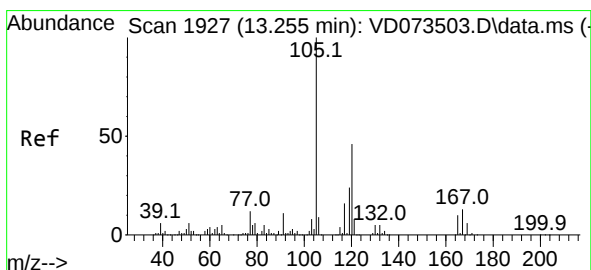
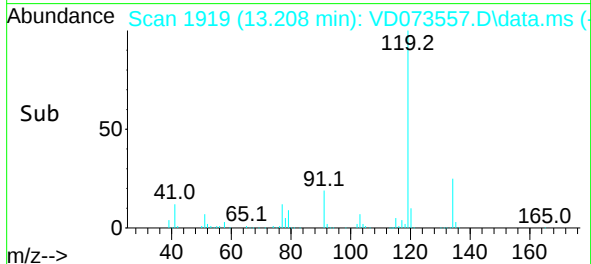
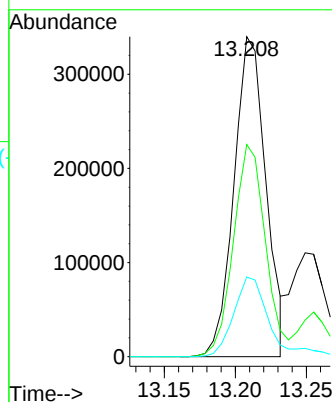
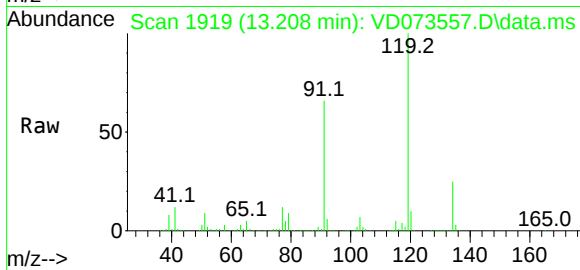




#83
 tert-Butylbenzene
 Concen: 48.181 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. 0.000 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

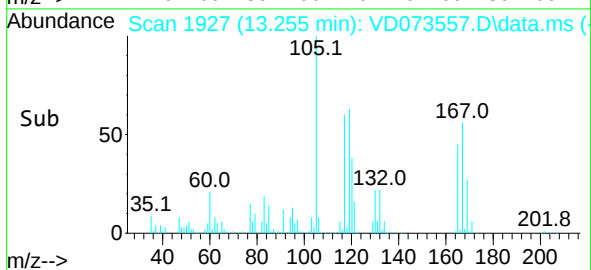
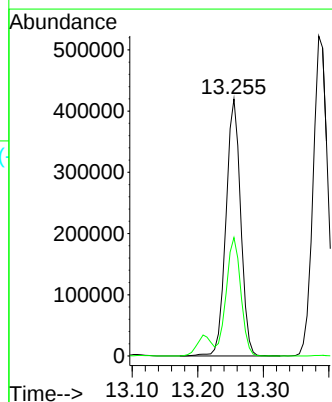
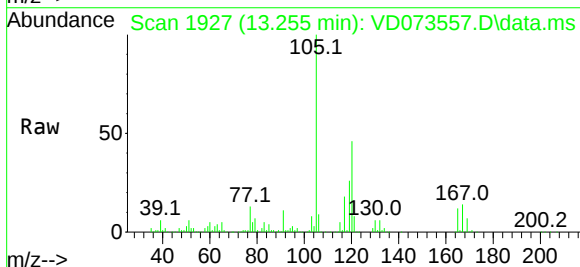
Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

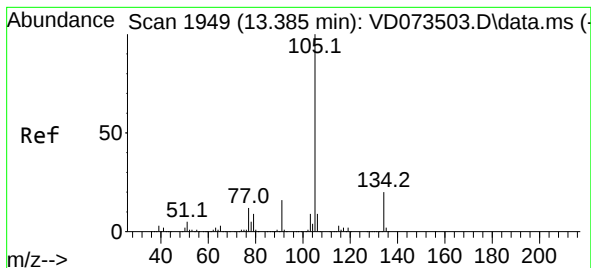
Tgt Ion:119 Resp: 530905
 Ion Ratio Lower Upper
 119 100
 91 66.7 34.8 104.5
 134 27.7 13.3 39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 50.020 ug/l
 RT: 13.255 min Scan# 1927
 Delta R.T. 0.000 min
 Lab File: VD073557.D
 Acq: 13 Jun 2022 20:38

Tgt Ion:105 Resp: 650894
 Ion Ratio Lower Upper
 105 100
 120 45.9 22.3 66.8





#85

sec-Butylbenzene

Concen: 49.011 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. -0.001 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

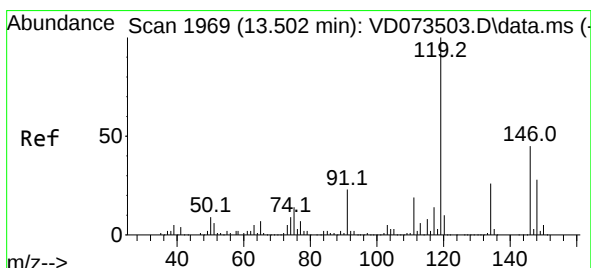
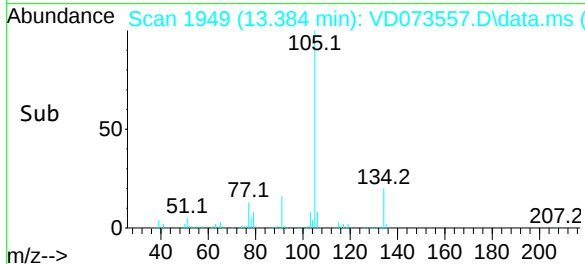
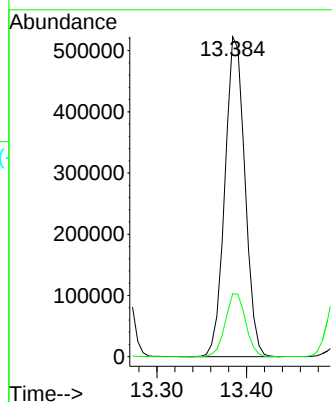
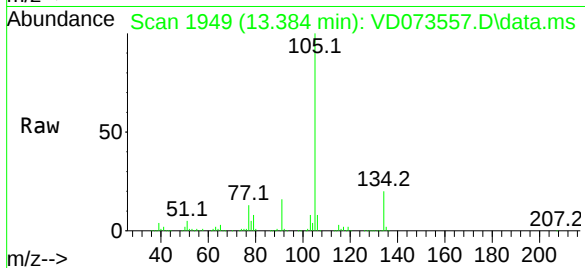
VSTDCCC050EC

Tgt Ion:105 Resp: 809025

Ion Ratio Lower Upper

105 100

134 20.1 9.8 29.3



#86

p-Isopropyltoluene

Concen: 49.898 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

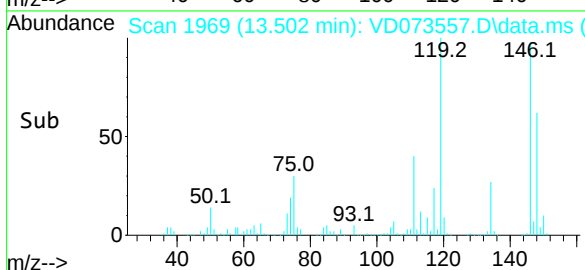
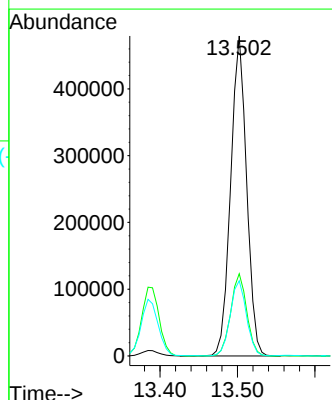
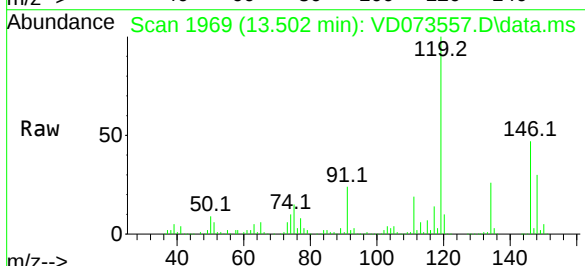
Tgt Ion:119 Resp: 686601

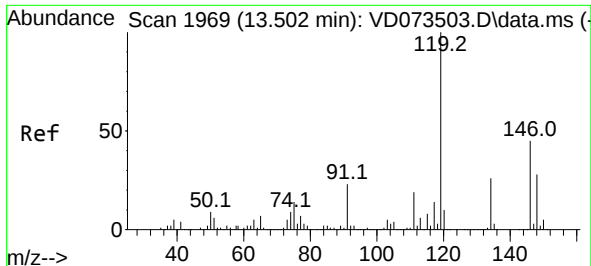
Ion Ratio Lower Upper

119 100

134 26.0 12.9 38.6

91 23.8 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 49.633 ug/l

RT: 13.502 min Scan# 1969

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

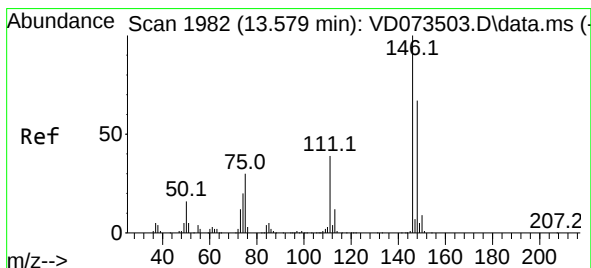
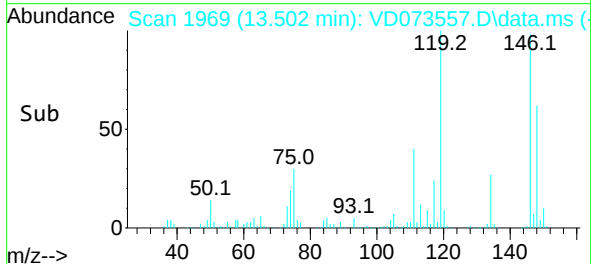
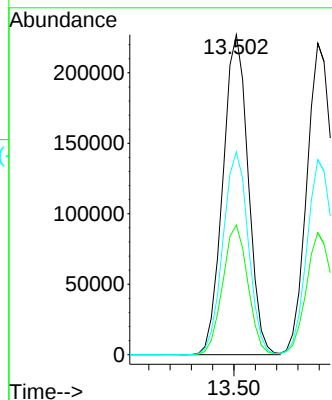
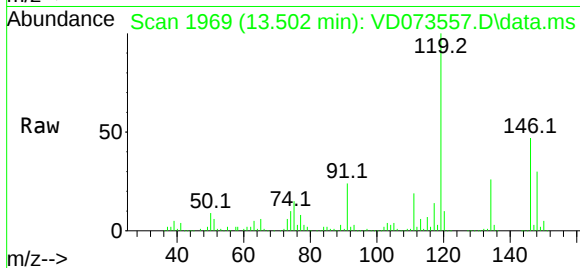
Tgt Ion:146 Resp: 374146

Ion Ratio Lower Upper

146 100

111 40.1 20.4 61.3

148 63.7 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 49.654 ug/l

RT: 13.579 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

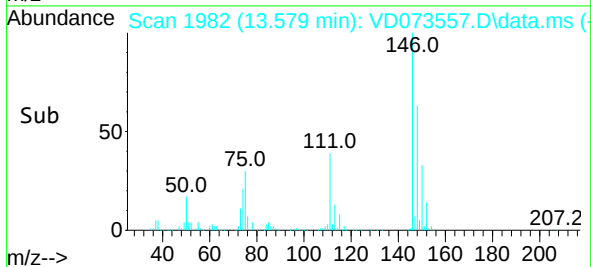
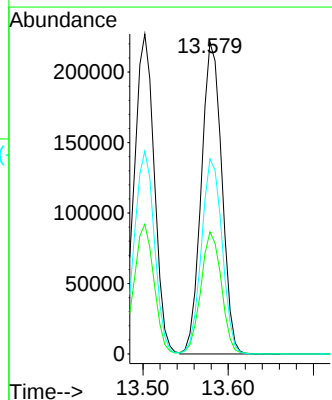
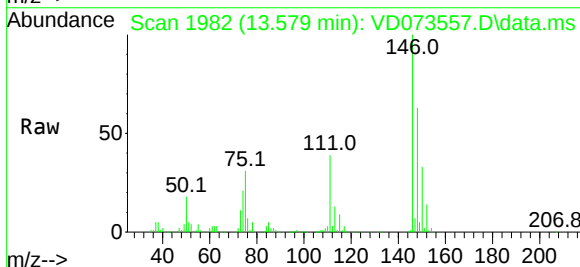
Tgt Ion:146 Resp: 370290

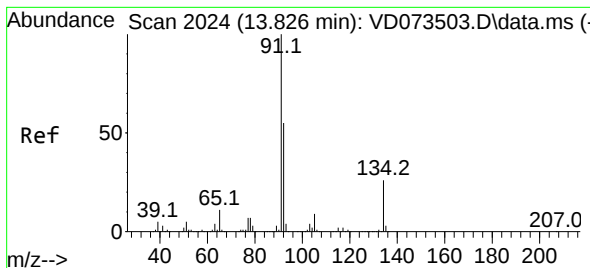
Ion Ratio Lower Upper

146 100

111 39.2 20.3 60.9

148 63.2 31.7 95.1





#89

n-Butylbenzene

Concen: 48.338 ug/l

RT: 13.826 min Scan# 20

Delta R.T. -0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

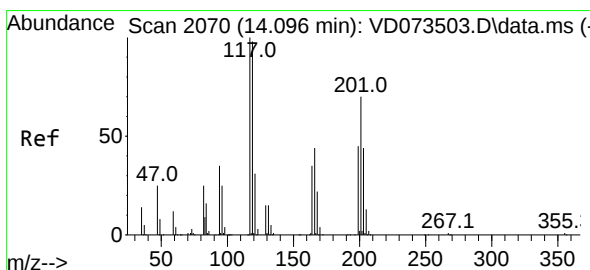
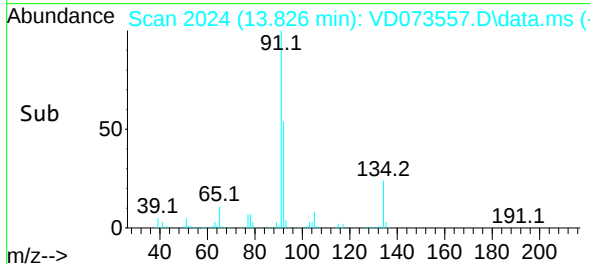
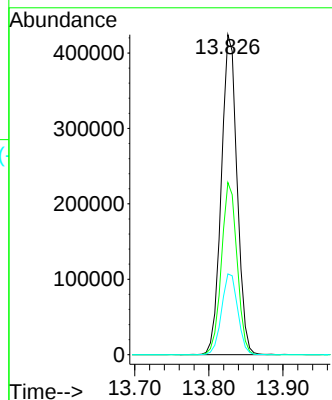
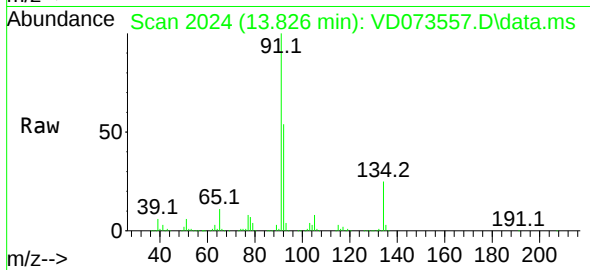
Tgt Ion: 91 Resp: 627442

Ion Ratio Lower Upper

91 100

92 53.1 26.6 79.8

134 25.9 12.3 36.9



#90

Hexachloroethane

Concen: 48.621 ug/l

RT: 14.096 min Scan# 2070

Delta R.T. 0.000 min

Lab File: VD073557.D

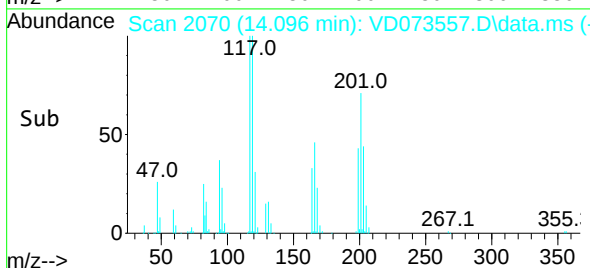
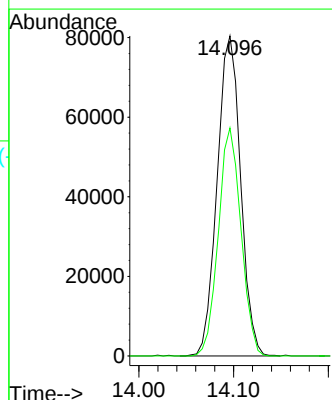
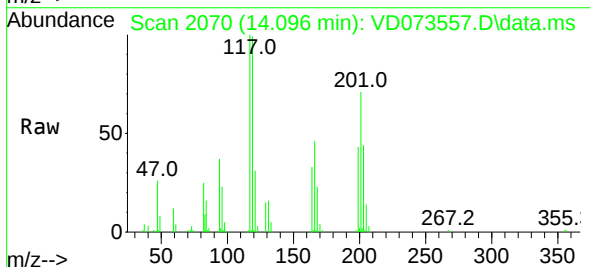
Acq: 13 Jun 2022 20:38

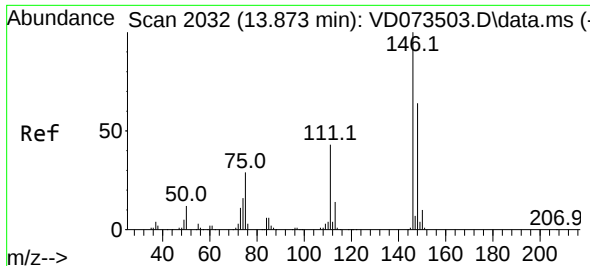
Tgt Ion: 117 Resp: 138549

Ion Ratio Lower Upper

117 100

201 68.8 33.4 100.2

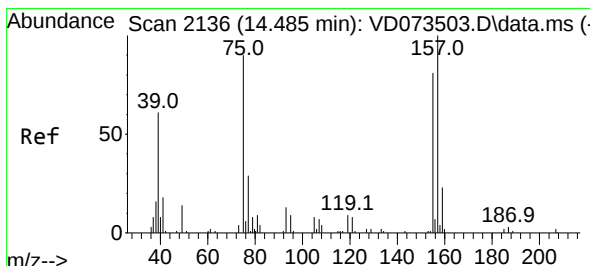
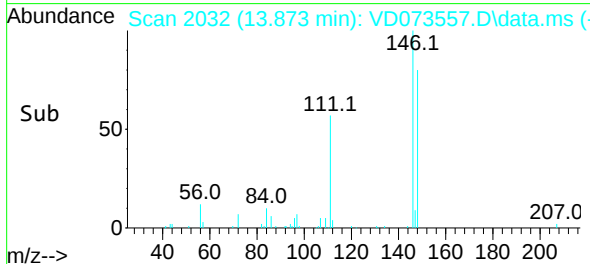
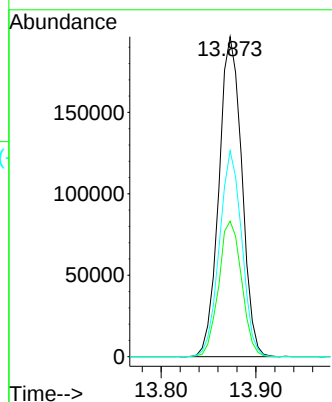
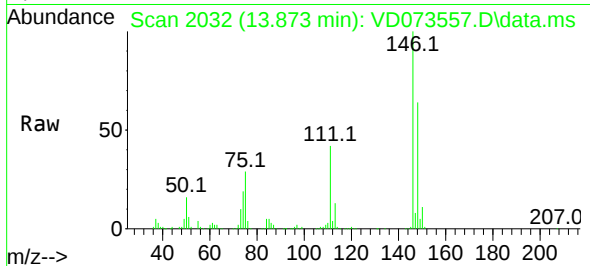




#91
1,2-Dichlorobenzene
Concen: 50.816 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

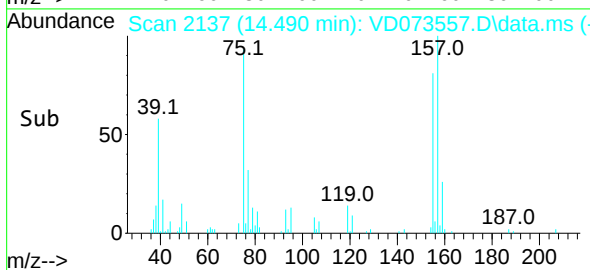
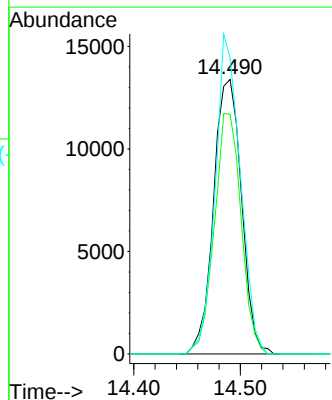
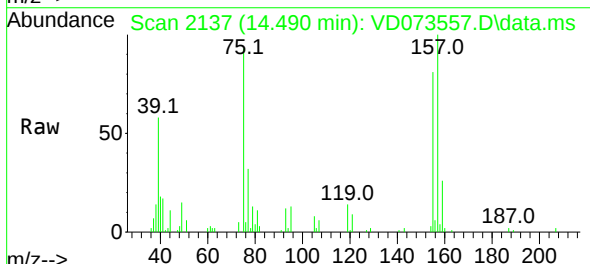
Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

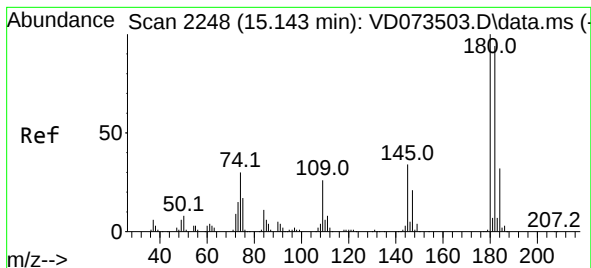
Tgt Ion:146 Resp: 330402
Ion Ratio Lower Upper
146 100
111 42.4 21.1 63.3
148 63.0 31.7 95.1



#92
1,2-Dibromo-3-Chloropropane
Concen: 53.173 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. 0.005 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion: 75 Resp: 24370
Ion Ratio Lower Upper
75 100
155 83.8 36.8 110.3
157 104.8 48.4 145.0





#93

1,2,4-Trichlorobenzene

Concen: 47.770 ug/l

RT: 15.143 min Scan# 2248

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

Instrument :

MSVOA_D

ClientSampleId :

VSTDCCC050EC

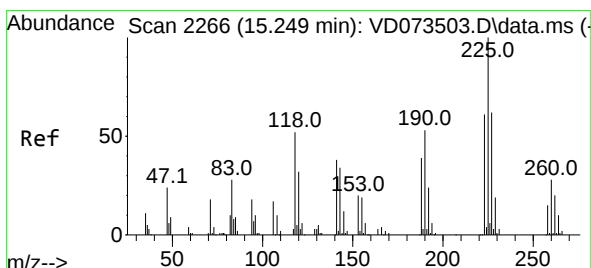
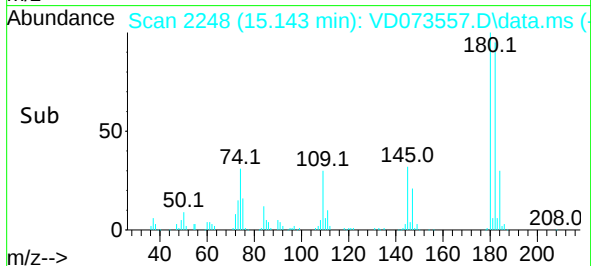
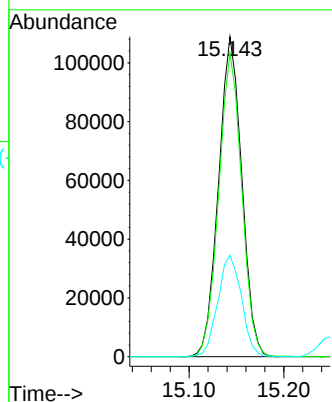
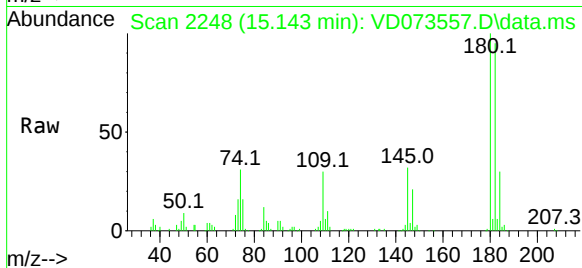
Tgt Ion:180 Resp: 185993

Ion Ratio Lower Upper

180 100

182 93.6 47.3 142.0

145 32.2 16.2 48.5



#94

Hexachlorobutadiene

Concen: 45.773 ug/l

RT: 15.249 min Scan# 2266

Delta R.T. 0.000 min

Lab File: VD073557.D

Acq: 13 Jun 2022 20:38

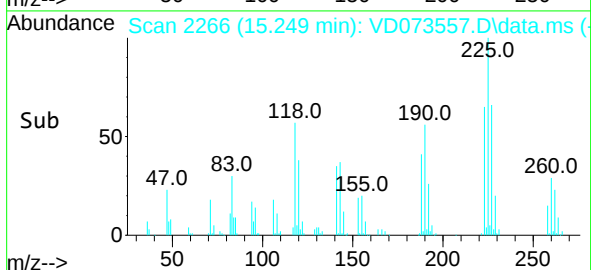
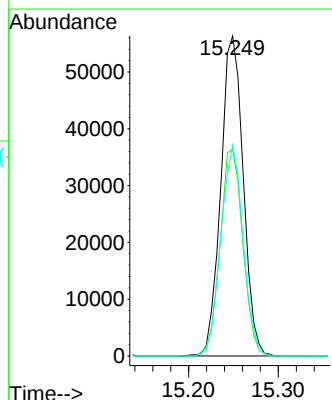
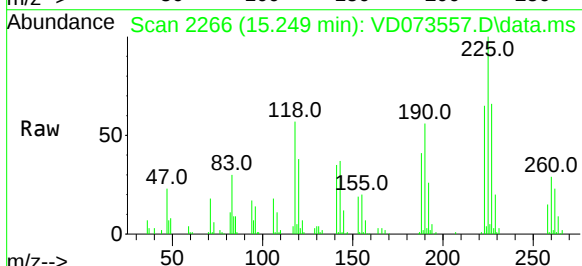
Tgt Ion:225 Resp: 97759

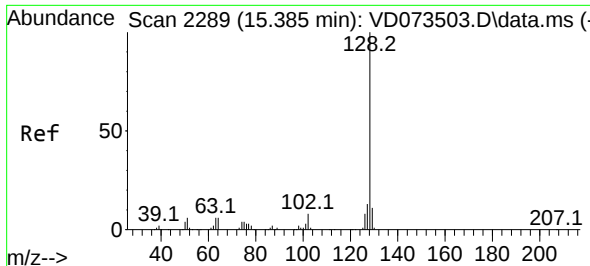
Ion Ratio Lower Upper

225 100

223 65.2 31.1 93.2

227 65.7 32.4 97.0

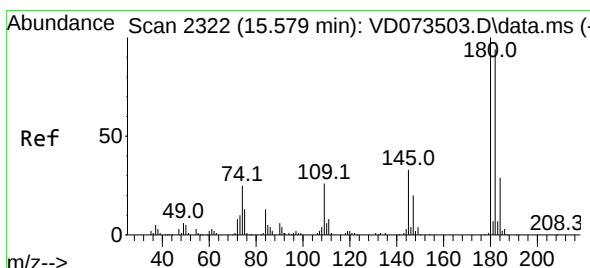
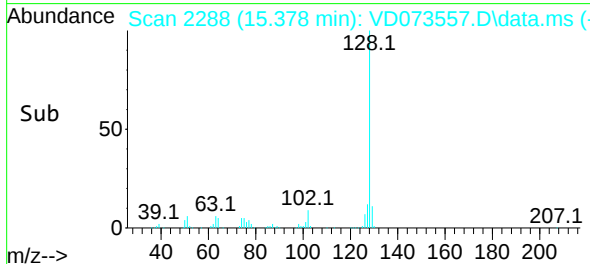
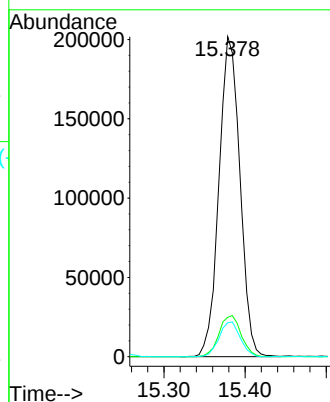
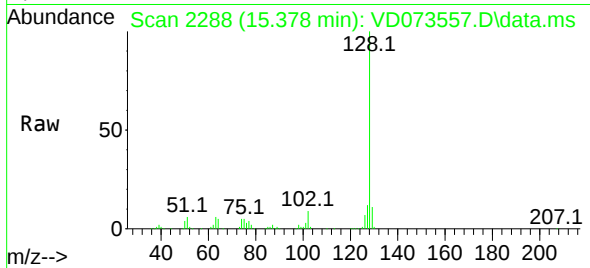




#95
Naphthalene
Concen: 46.333 ug/l
RT: 15.378 min Scan# 21
Delta R.T. -0.007 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Instrument :
MSVOA_D
ClientSampleId :
VSTDCCC050EC

Tgt Ion:128 Resp: 362335
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 11.0 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 50.661 ug/l
RT: 15.573 min Scan# 2321
Delta R.T. -0.006 min
Lab File: VD073557.D
Acq: 13 Jun 2022 20:38

Tgt Ion:180 Resp: 172233
Ion Ratio Lower Upper
180 100
182 94.0 47.6 142.9
145 34.3 17.1 51.3

