

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121321\
 Data File : VD071287.D
 Acq On : 13 Dec 2021 09:13
 Operator : VA/SY
 Sample : VSTDCCC050
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 14 08:12:03 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	230403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	385730	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	355834	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	177507	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	147012	54.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.760%	
35) Dibromofluoromethane	7.914	113	134357	54.699	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 109.400%	
50) Toluene-d8	10.338	98	477044	51.035	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 102.060%	
62) 4-Bromofluorobenzene	12.626	95	178722	55.158	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 110.320%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	86485	44.017	ug/l	97
3) Chloromethane	2.215	50	134514	51.749	ug/l	97
4) Vinyl Chloride	2.356	62	156577	53.992	ug/l	97
5) Bromomethane	2.773	94	114139	54.598	ug/l	97
6) Chloroethane	2.926	64	117344	58.831	ug/l	93
7) Trichlorofluoromethane	3.279	101	209535	53.336	ug/l	99
8) Diethyl Ether	3.709	74	58561	54.986	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.097	101	127117	54.845	ug/l	95
10) Methyl Iodide	4.303	142	113351	42.793	ug/l	96
11) Tert butyl alcohol	5.203	59	48282	285.113	ug/l #	91
12) 1,1-Dichloroethene	4.073	96	108814	50.873	ug/l #	78
13) Acrolein	3.920	56	32445	175.616	ug/l	98
14) Allyl chloride	4.720	41	215803	53.118	ug/l #	79
15) Acrylonitrile	5.420	53	153449	296.260	ug/l	98
16) Acetone	4.156	43	198932	273.770	ug/l	88
17) Carbon Disulfide	4.420	76	287214	45.863	ug/l	96
18) Methyl Acetate	4.714	43	111247	55.771	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	297068	56.671	ug/l	96
20) Methylene Chloride	4.967	84	142416	52.404	ug/l	87
21) trans-1,2-Dichloroethene	5.479	96	127772	53.068	ug/l	88
22) Diisopropyl ether	6.361	45	478549	58.791	ug/l	91
23) Vinyl Acetate	6.308	43	1121297	254.220	ug/l	95
24) 1,1-Dichloroethane	6.267	63	266566	56.936	ug/l	98
25) 2-Butanone	7.208	43	209385	252.249	ug/l	90
26) 2,2-Dichloropropane	7.208	77	227829	53.514	ug/l	96
27) cis-1,2-Dichloroethene	7.208	96	153892	56.497	ug/l	93
28) Bromochloromethane	7.550	49	106864	52.551	ug/l	87
29) Tetrahydrofuran	7.561	42	127773	297.637	ug/l	91
30) Chloroform	7.708	83	277721	59.106	ug/l	99
31) Cyclohexane	7.985	56	220271	47.899	ug/l	98
32) 1,1,1-Trichloroethane	7.902	97	238669	56.576	ug/l	93
36) 1,1-Dichloropropene	8.114	75	196553	54.520	ug/l	96
37) Ethyl Acetate	7.291	43	90579	58.164	ug/l #	90
38) Carbon Tetrachloride	8.097	117	207179	58.298	ug/l	99
39) Methylcyclohexane	9.355	83	220044	50.746	ug/l	98
40) Benzene	8.349	78	553369	56.509	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	51057	63.840	ug/l #	80
42) 1,2-Dichloroethane	8.420	62	176556	59.066	ug/l	94
43) Isopropyl Acetate	8.444	43	178289	51.818	ug/l #	89
44) Trichloroethene	9.108	130	140636	53.864	ug/l	91
45) 1,2-Dichloropropane	9.385	63	149743	58.146	ug/l	98
46) Dibromomethane	9.473	93	79101	59.203	ug/l	94
47) Bromodichloromethane	9.655	83	211774	59.934	ug/l #	99
48) Methyl methacrylate	9.449	41	89270	58.563	ug/l #	80
49) 1,4-Dioxane	9.455	88	16052	1244.585	ug/l	94
51) 4-Methyl-2-Pentanone	10.226	43	467515	264.241	ug/l	90
52) Toluene	10.396	92	351092	56.507	ug/l	99
53) t-1,3-Dichloropropene	10.620	75	190718	58.706	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	222539	57.668	ug/l #	81
55) 1,1,2-Trichloroethane	10.796	97	104430	59.580	ug/l	95
56) Ethyl methacrylate	10.655	69	130036	51.351	ug/l #	74
57) 1,3-Dichloropropane	10.938	76	182221	59.180	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	327492	274.575	ug/l	99
59) 2-Hexanone	10.979	43	337930	254.646	ug/l	89
60) Dibromochloromethane	11.132	129	132004	60.596	ug/l	99
61) 1,2-Dibromoethane	11.238	107	97893	58.153	ug/l	100
64) Tetrachloroethene	10.873	164	118245	52.344	ug/l	97
65) Chlorobenzene	11.661	112	364978	55.281	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	143549	59.548	ug/l	96
67) Ethyl Benzene	11.738	91	700300	56.345	ug/l	100
68) m/p-Xylenes	11.849	106	523820	111.633	ug/l	94
69) o-Xylene	12.173	106	245745	55.722	ug/l	94
70) Styrene	12.185	104	433061	58.263	ug/l	98
71) Bromoform	12.355	173	75676	60.596	ug/l #	99
73) Isopropylbenzene	12.473	105	668547	52.015	ug/l	99
74) N-amyl acetate	12.279	43	161930	46.471	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.720	83	117347	55.441	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	154537	91.377	ug/l #	1
77) Bromobenzene	12.755	156	146511	52.627	ug/l	99
78) n-propylbenzene	12.814	91	837455	52.320	ug/l	100
79) 2-Chlorotoluene	12.896	91	463286	51.570	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	564393	53.251	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.520	75	34318	47.754	ug/l #	78
82) 4-Chlorotoluene	12.996	91	491354	52.684	ug/l	99
83) tert-Butylbenzene	13.214	119	480997	52.844	ug/l	96
84) 1,2,4-Trimethylbenzene	13.261	105	560947	54.210	ug/l	98
85) sec-Butylbenzene	13.390	105	740197	53.243	ug/l	100
86) p-Isopropyltoluene	13.502	119	611845	53.809	ug/l	98
87) 1,3-Dichlorobenzene	13.508	146	305069	55.048	ug/l	97
88) 1,4-Dichlorobenzene	13.584	146	296007	53.912	ug/l	98
89) n-Butylbenzene	13.832	91	599511	54.011	ug/l	99
90) Hexachloroethane	14.102	117	119659	55.514	ug/l	93
91) 1,2-Dichlorobenzene	13.879	146	261098	55.402	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	18820	54.599	ug/l	95
93) 1,2,4-Trichlorobenzene	15.149	180	155671	52.954	ug/l	96
94) Hexachlorobutadiene	15.249	225	86603	52.067	ug/l	99
95) Naphthalene	15.384	128	280005	54.032	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	130469	52.254	ug/l	98

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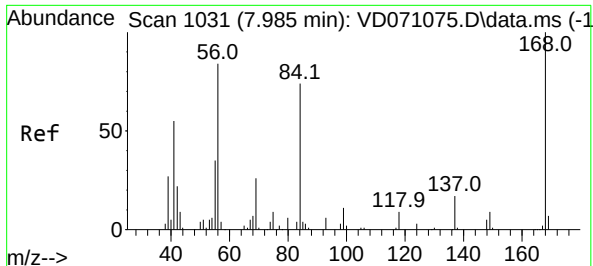
Quant Time: Dec 14 08:12:03 2021
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Quant Title : SW846 8260
QLast Update : Mon Nov 29 17:54:09 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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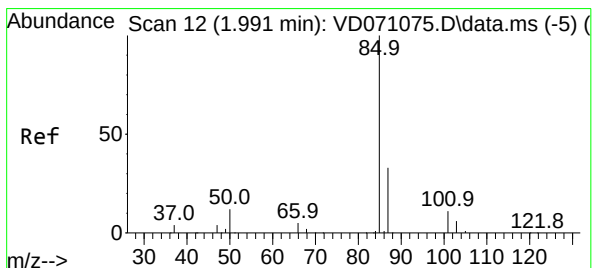
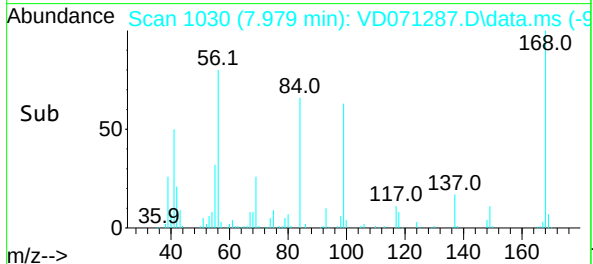
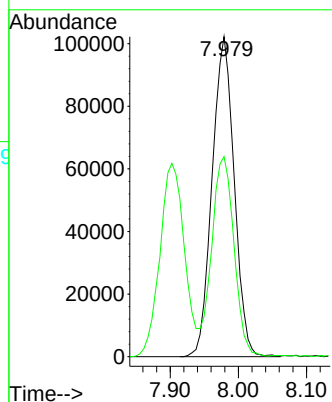
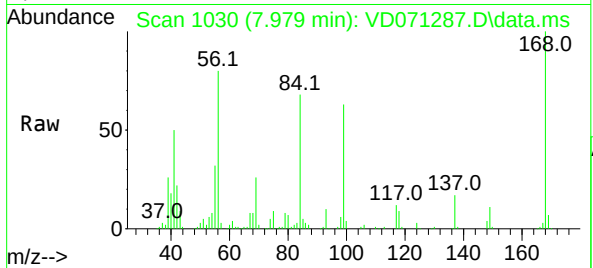




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

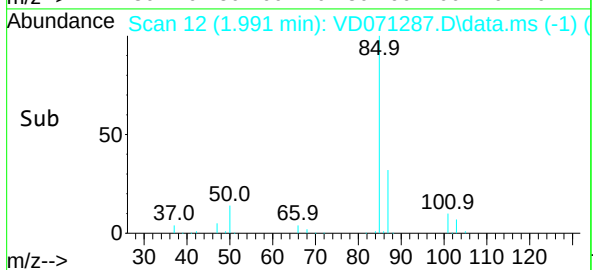
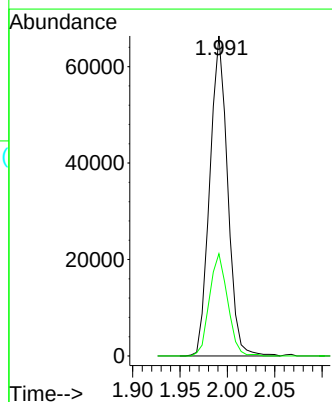
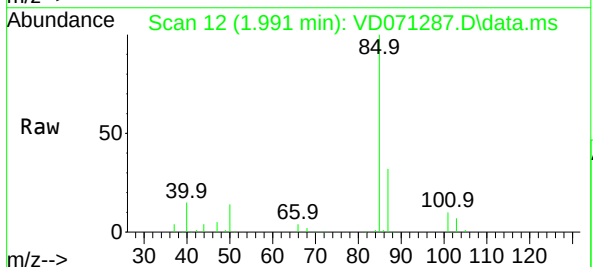
Instrument :
MSVOA_D
ClientSampleId :

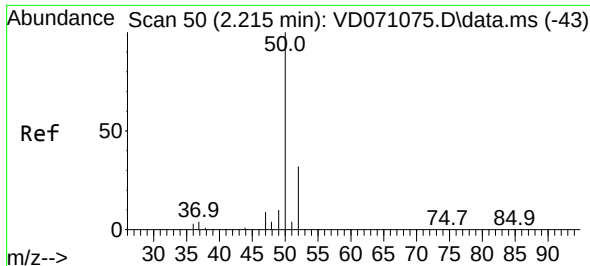
Tgt Ion:168 Resp: 230403
Ion Ratio Lower Upper
168 100
99 62.2 46.6 69.8



#2
Dichlorodifluoromethane
Concen: 44.017 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 85 Resp: 86485
Ion Ratio Lower Upper
85 100
87 32.0 15.2 45.6

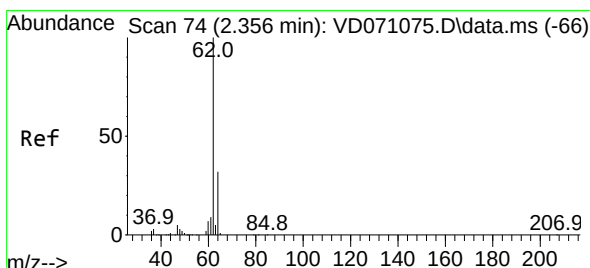
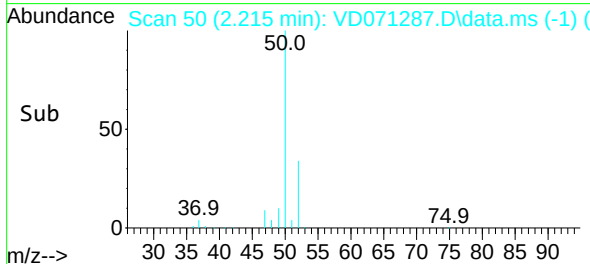
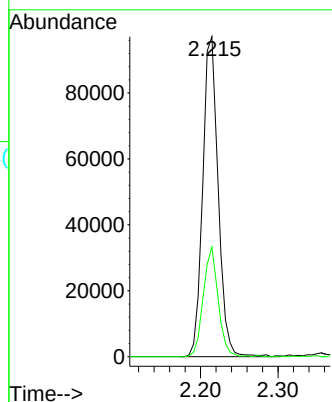
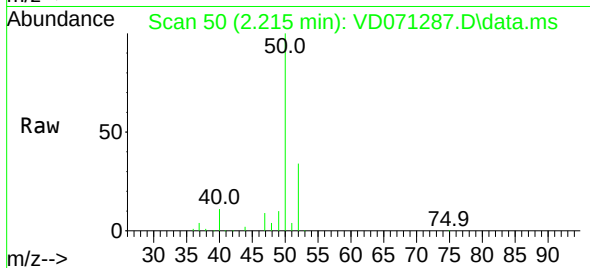




#3
Chloromethane
Concen: 51.749 ug/l
RT: 2.215 min Scan# 50
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

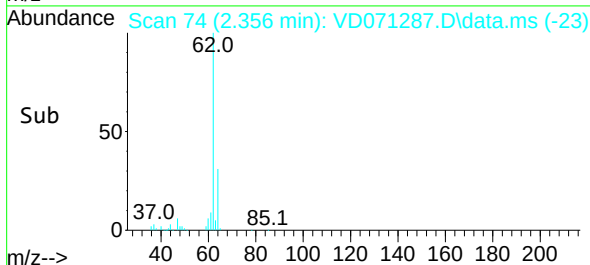
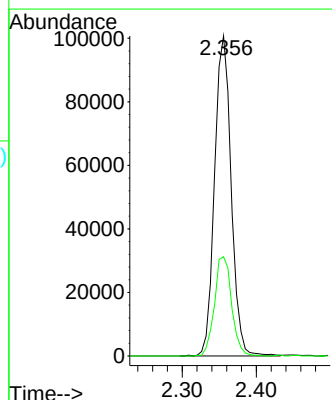
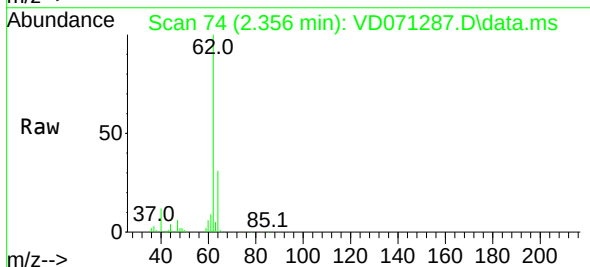
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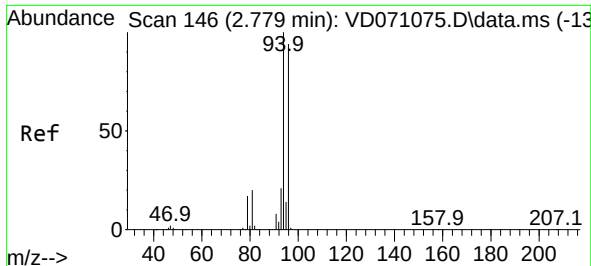
Tgt Ion: 50 Resp: 134514
Ion Ratio Lower Upper
50 100
52 34.2 25.8 38.8



#4
Vinyl Chloride
Concen: 53.992 ug/l
RT: 2.356 min Scan# 74
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 62 Resp: 156577
Ion Ratio Lower Upper
62 100
64 31.0 26.0 39.0

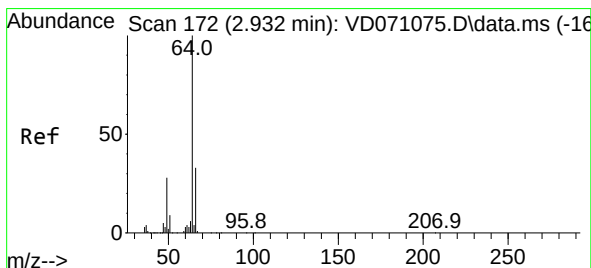
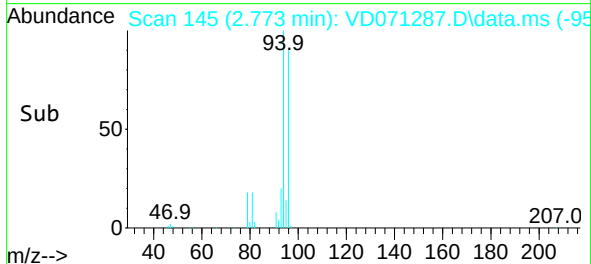
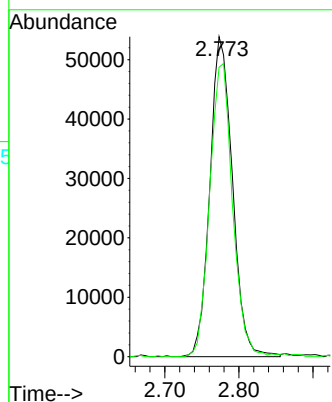
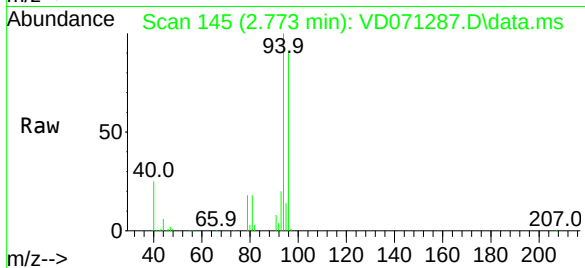




#5
Bromomethane
Concen: 54.598 ug/l
RT: 2.773 min Scan# 146
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

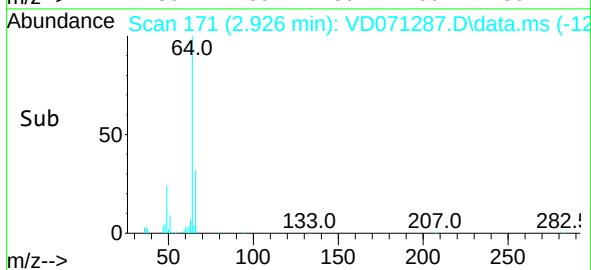
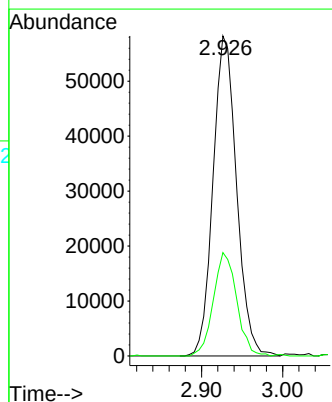
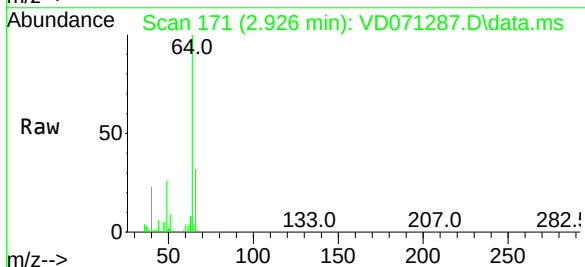
Instrument :
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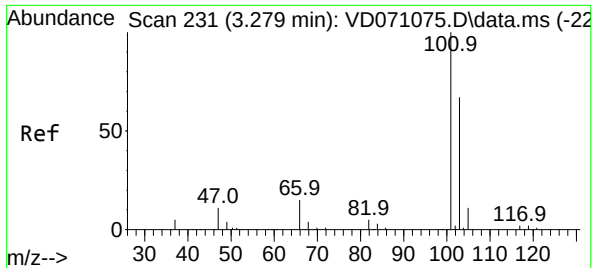
Tgt Ion: 94 Resp: 114139
Ion Ratio Lower Upper
94 100
96 90.5 74.8 112.2



#6
Chloroethane
Concen: 58.831 ug/l
RT: 2.926 min Scan# 171
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

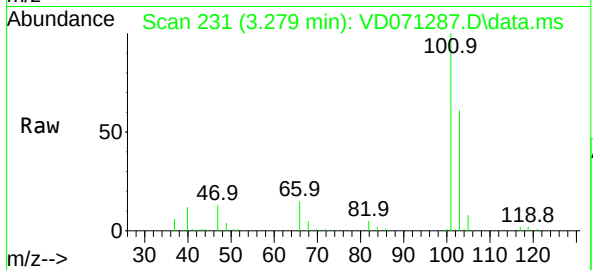
Tgt Ion: 64 Resp: 117344
Ion Ratio Lower Upper
64 100
66 32.3 29.0 43.4



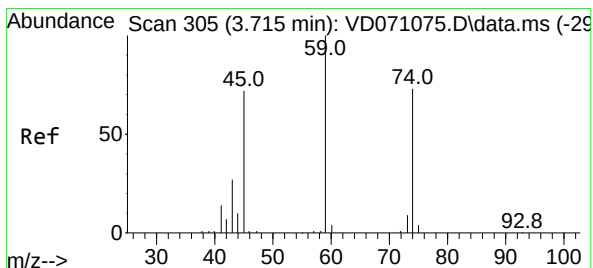
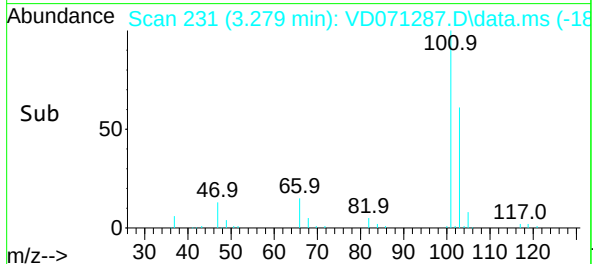
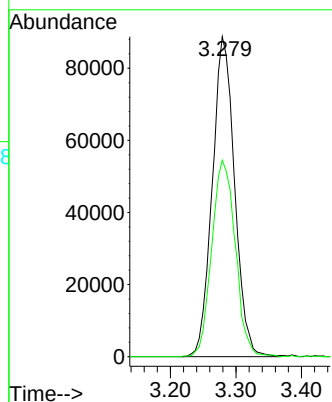


#7
 Trichlorofluoromethane
 Concen: 53.336 ug/l
 RT: 3.279 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

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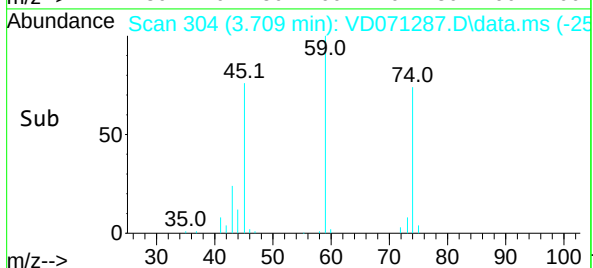
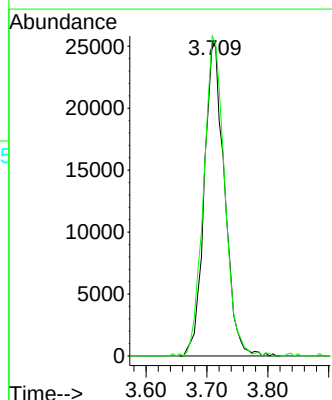
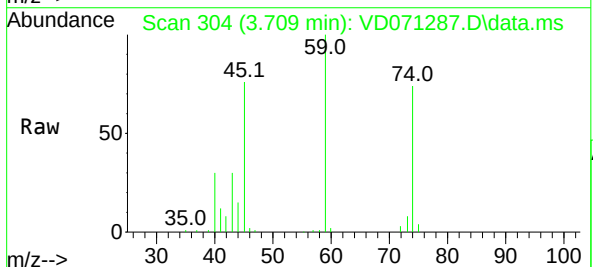


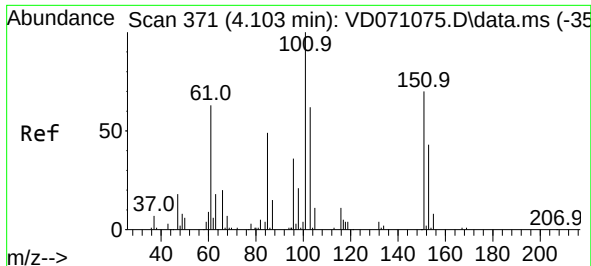
Tgt Ion:101 Resp: 209535
 Ion Ratio Lower Upper
 101 100
 103 61.4 49.7 74.5



#8
 Diethyl Ether
 Concen: 54.986 ug/l
 RT: 3.709 min Scan# 304
 Delta R.T. -0.006 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

Tgt Ion: 74 Resp: 58561
 Ion Ratio Lower Upper
 74 100
 45 105.2 49.6 149.0

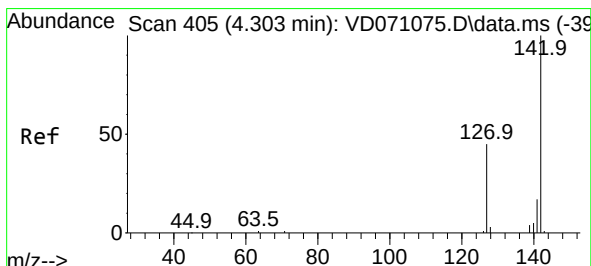
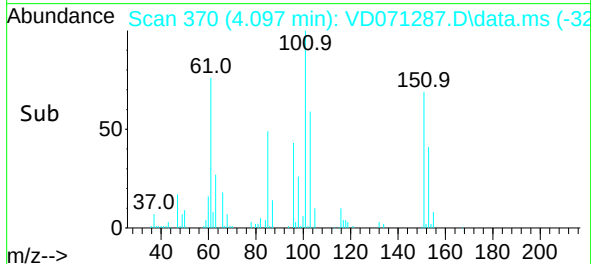
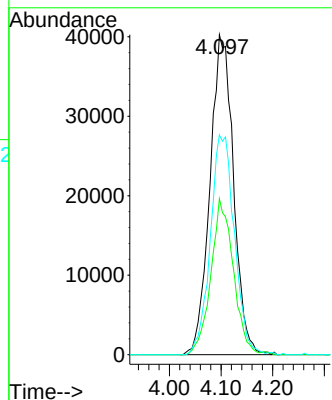
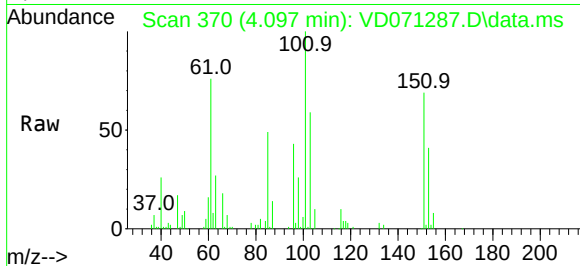




#9
 1,1,2-Trichlorotrifluoroethane
 Concen: 54.845 ug/l
 RT: 4.097 min Scan# 31
 Delta R.T. -0.006 min
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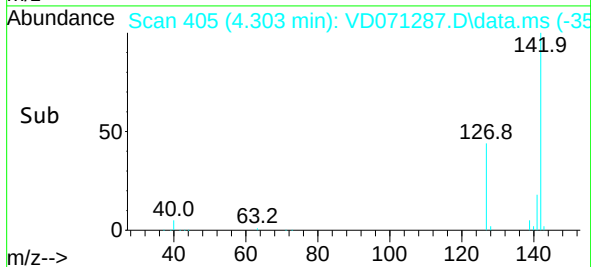
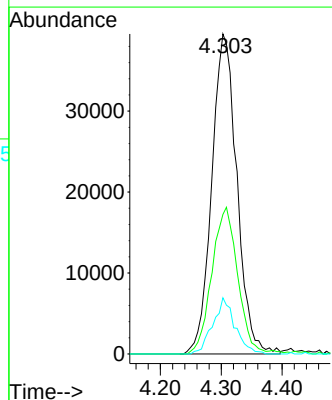
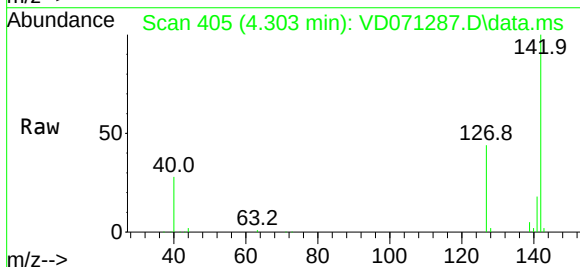
Instrument :
 MSVOA_D
 ClientSampleId :

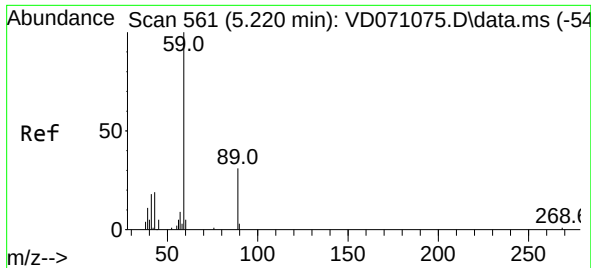
Tgt Ion:101 Resp: 127117
 Ion Ratio Lower Upper
 101 100
 85 46.3 34.8 52.2
 151 70.4 60.4 90.6



#10
 Methyl Iodide
 Concen: 42.793 ug/l
 RT: 4.303 min Scan# 405
 Delta R.T. -0.000 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

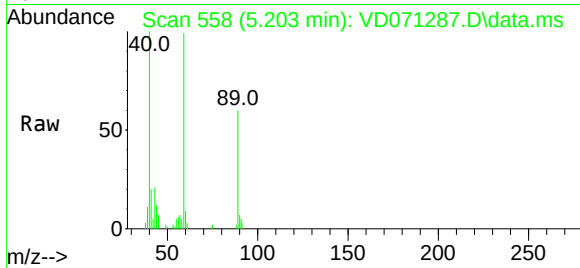
Tgt Ion:142 Resp: 113351
 Ion Ratio Lower Upper
 142 100
 127 47.1 35.0 52.4
 141 15.5 12.0 18.0



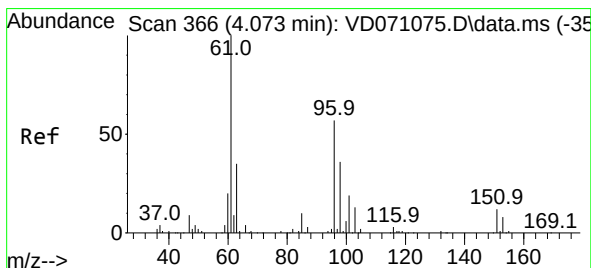
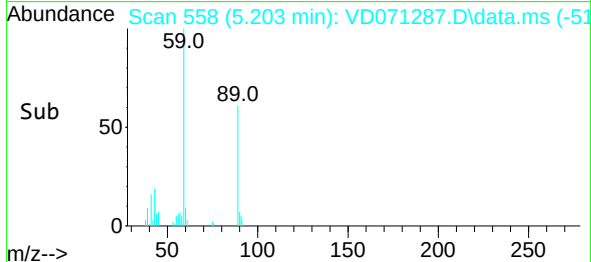
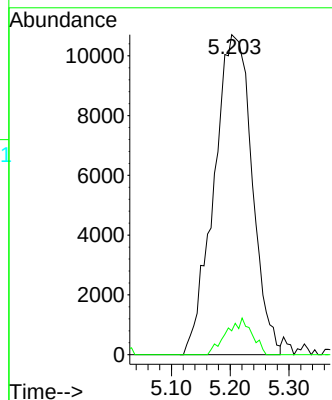


#11
Tert butyl alcohol
Concen: 285.113 ug/l
RT: 5.203 min Scan# 51
Delta R.T. -0.017 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Instrument :
MSVOA_D
ClientSampleId :

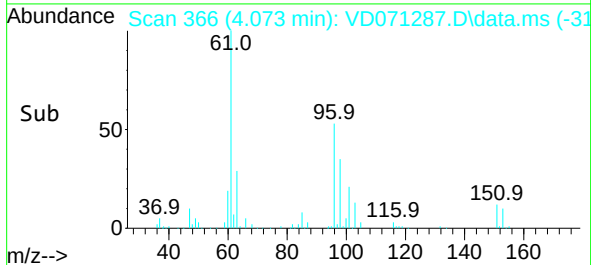
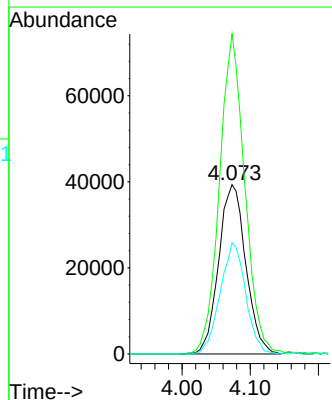
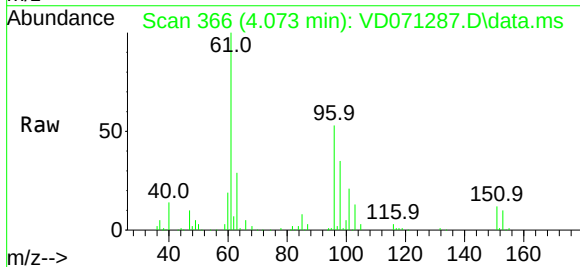


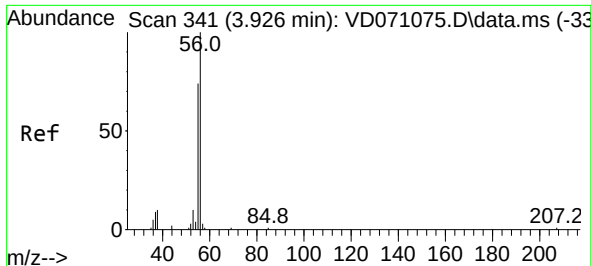
Tgt Ion: 59 Resp: 48282
Ion Ratio Lower Upper
59 100
57 7.6 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 50.873 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 96 Resp: 108814
Ion Ratio Lower Upper
96 100
61 189.1 120.3 180.5#
98 65.7 54.4 81.6

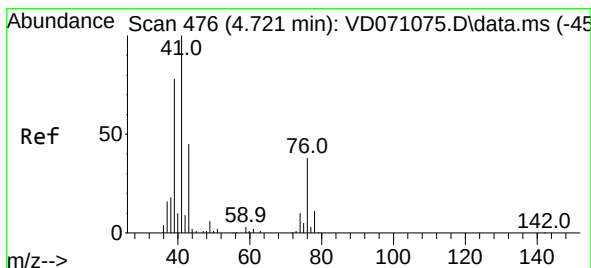
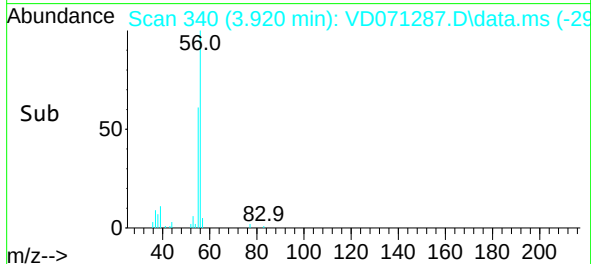
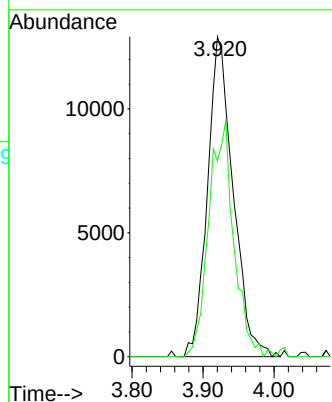
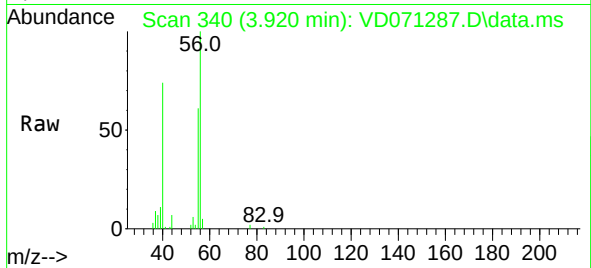




#13
Acrolein
Concen: 175.616 ug/l
RT: 3.920 min Scan# 341
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

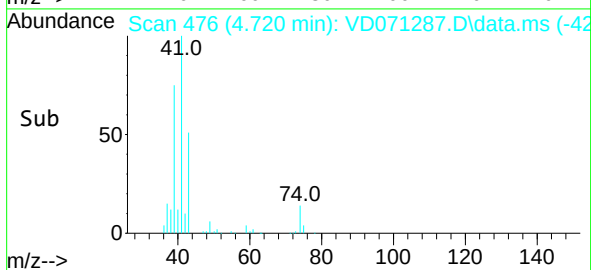
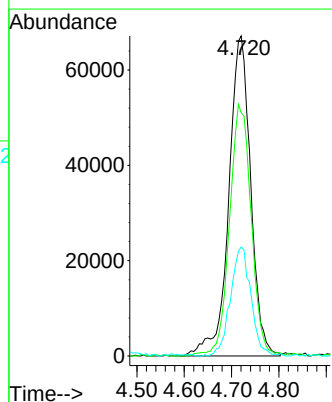
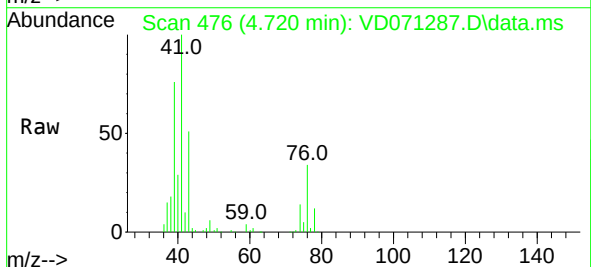
Instrument :
MSVOA_D
ClientSampleId :

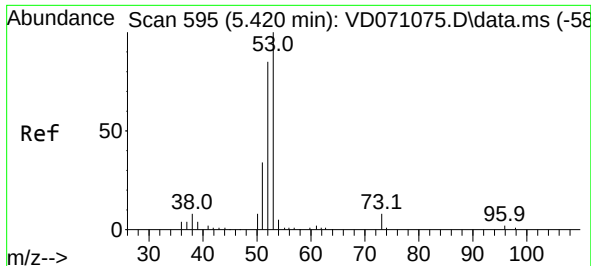
Tgt Ion: 56 Resp: 32445
Ion Ratio Lower Upper
56 100
55 71.9 58.6 87.8



#14
Allyl chloride
Concen: 53.118 ug/l
RT: 4.720 min Scan# 476
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 41 Resp: 215803
Ion Ratio Lower Upper
41 100
39 78.1 45.6 68.4#
76 31.9 30.2 45.4

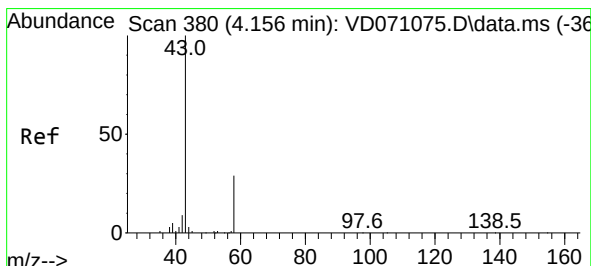
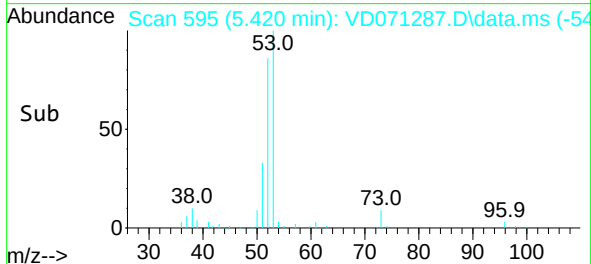
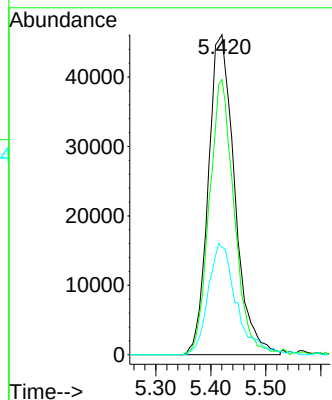
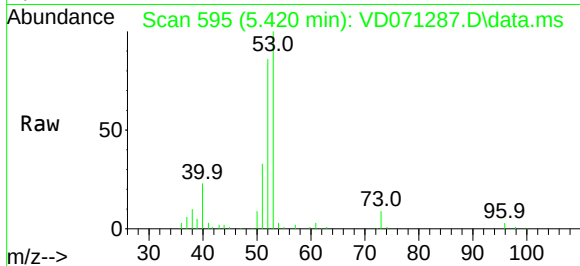




#15
Acrylonitrile
Concen: 296.260 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

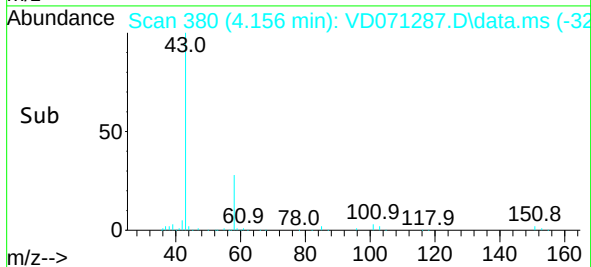
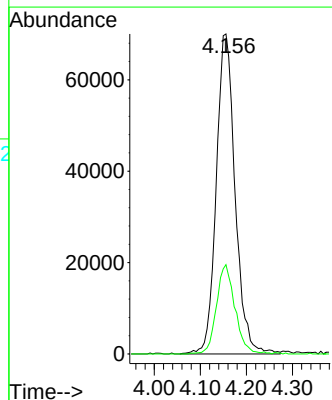
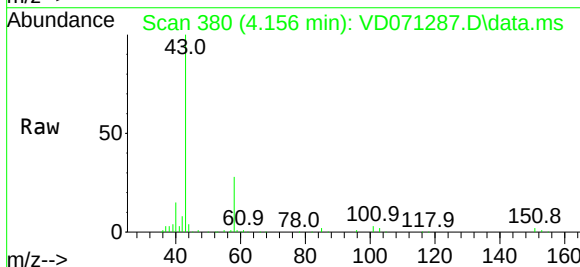
Instrument :
MSVOA_D
ClientSampleId :

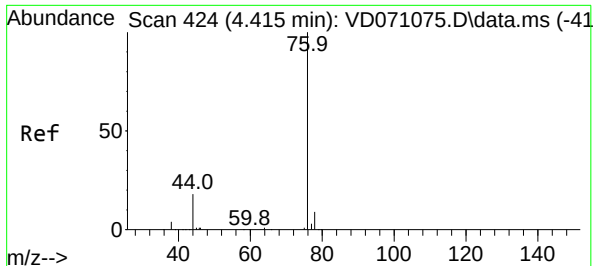
Tgt Ion: 53 Resp: 153449
Ion Ratio Lower Upper
53 100
52 80.9 63.8 95.8
51 37.1 28.5 42.7



#16
Acetone
Concen: 273.770 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 43 Resp: 198932
Ion Ratio Lower Upper
43 100
58 27.9 27.8 41.8

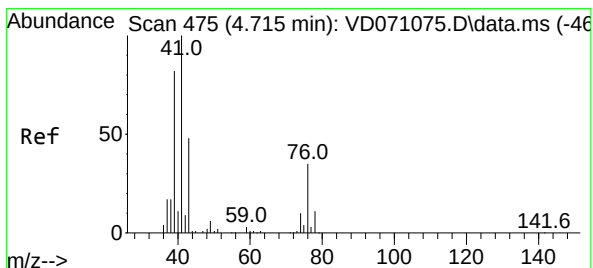
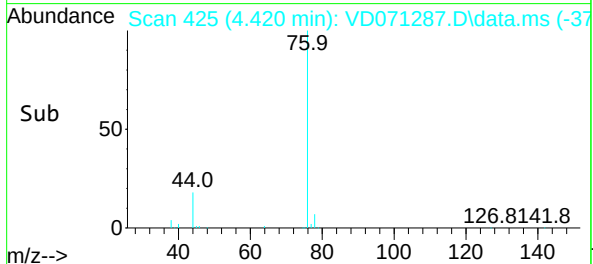
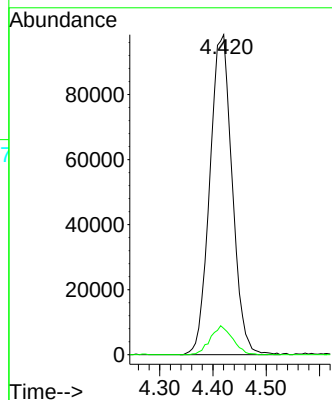
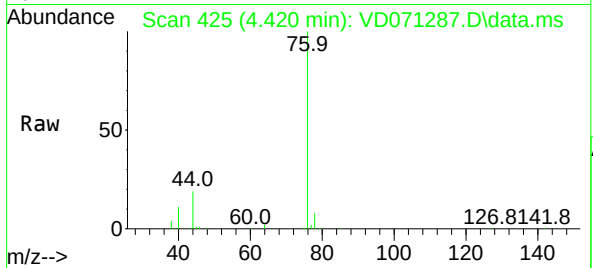




#17
Carbon Disulfide
Concen: 45.863 ug/l
RT: 4.420 min Scan# 41
Delta R.T. 0.005 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

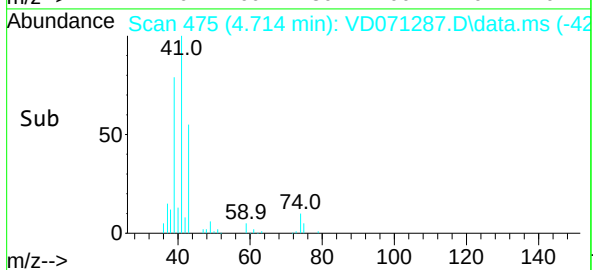
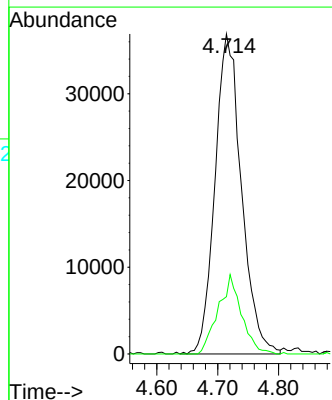
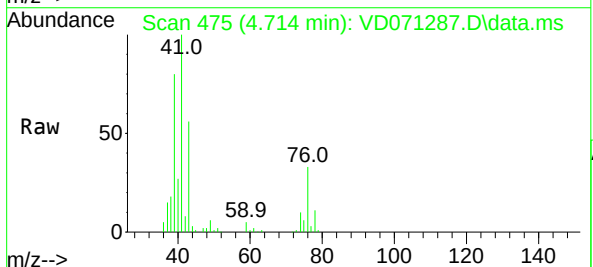
Instrument :
MSVOA_D
ClientSampleId :

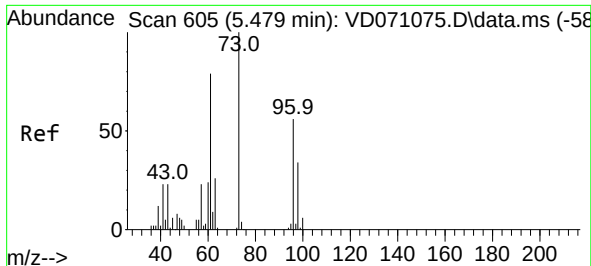
Tgt Ion: 76 Resp: 287214
Ion Ratio Lower Upper
76 100
78 8.2 7.8 11.8



#18
Methyl Acetate
Concen: 55.771 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 43 Resp: 111247
Ion Ratio Lower Upper
43 100
74 21.9 19.3 28.9

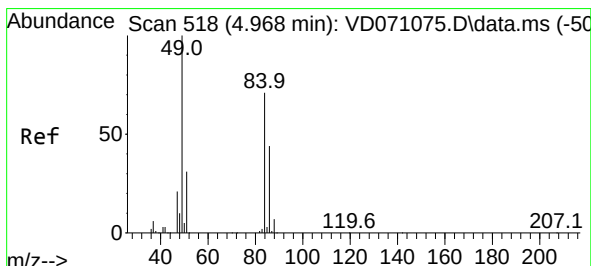
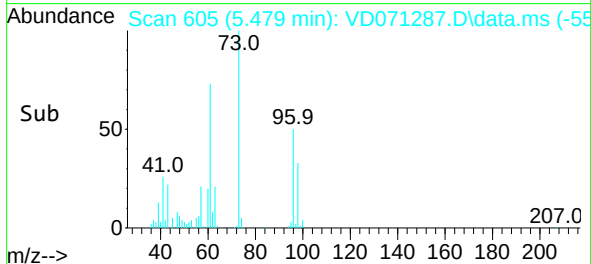
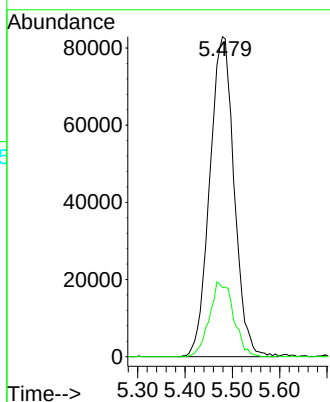
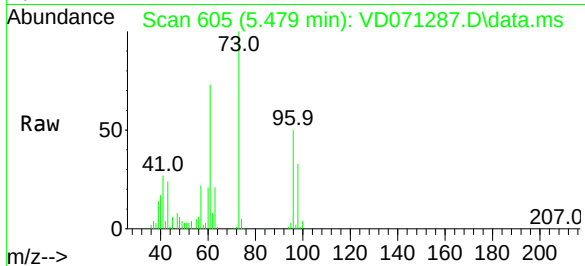




#19
Methyl tert-butyl Ether
Concen: 56.671 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

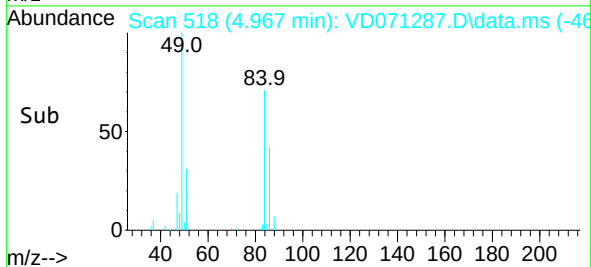
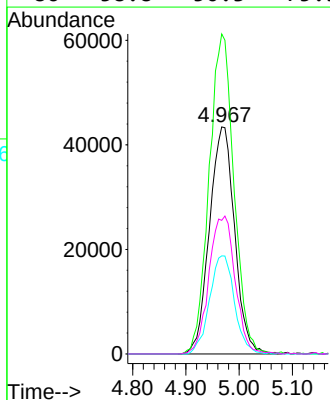
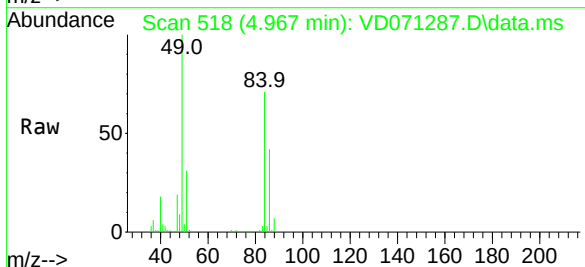
Instrument :
MSVOA_D
ClientSampleId :

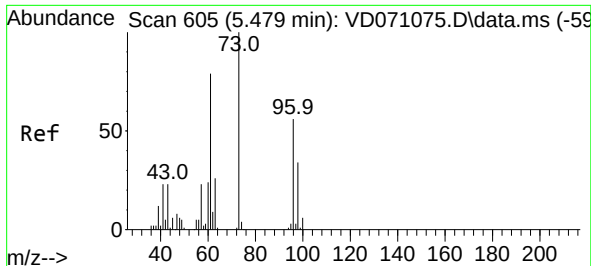
Tgt Ion: 73 Resp: 297068
Ion Ratio Lower Upper
73 100
57 21.6 18.9 28.3



#20
Methylene Chloride
Concen: 52.404 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

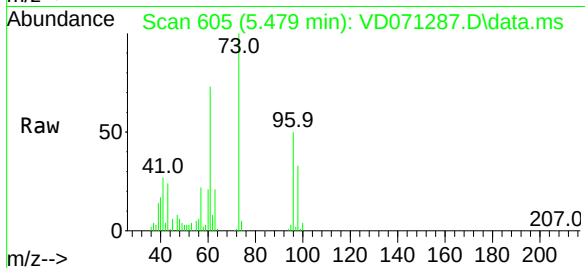
Tgt Ion: 84 Resp: 142416
Ion Ratio Lower Upper
84 100
49 140.9 95.8 143.6
51 43.2 30.9 46.3
86 58.8 50.3 75.5



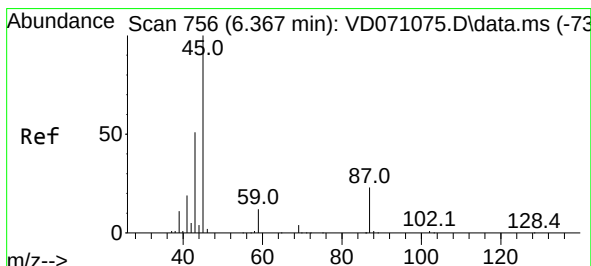
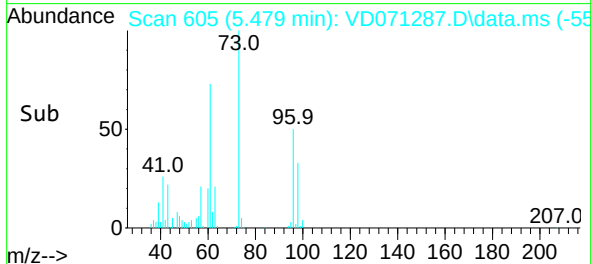
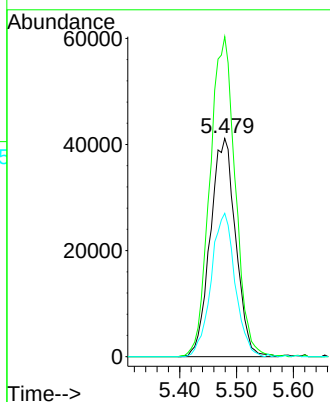


#21
trans-1,2-Dichloroethene
Concen: 53.068 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Instrument :
MSVOA_D
ClientSampleId :

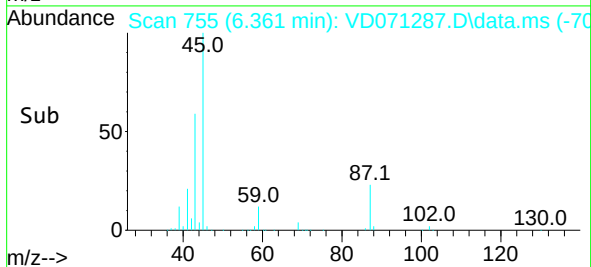
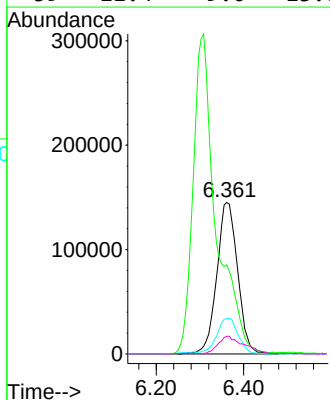
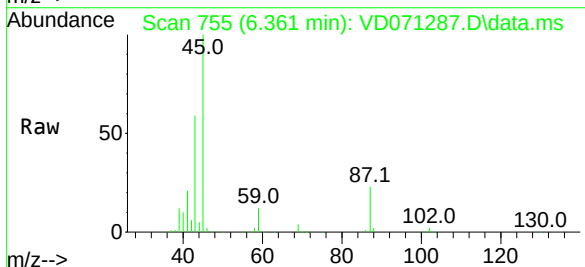


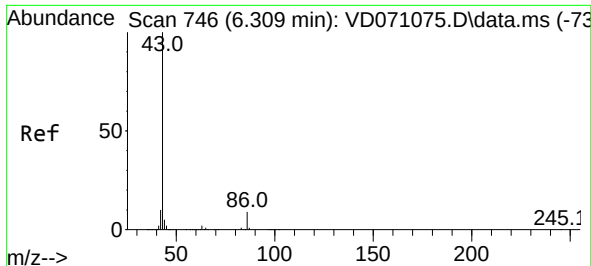
Tgt Ion: 96 Resp: 127772
Ion Ratio Lower Upper
96 100
61 146.6 102.1 153.1
98 65.7 50.1 75.1



#22
Diisopropyl ether
Concen: 58.791 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 45 Resp: 478549
Ion Ratio Lower Upper
45 100
43 57.8 39.6 59.4
87 23.2 21.2 31.8
59 11.4 9.0 13.6

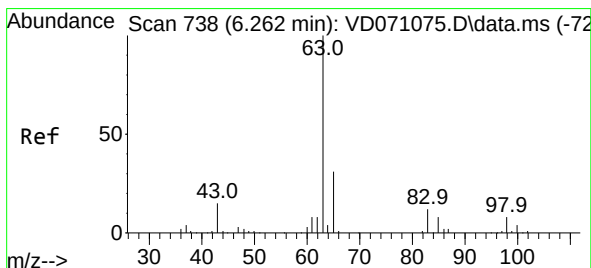
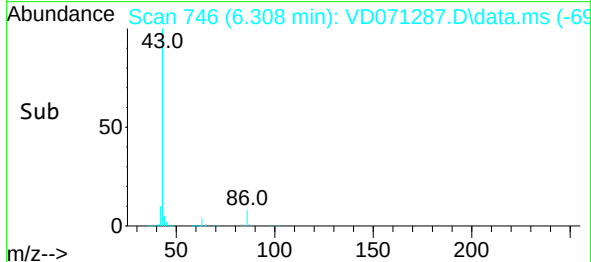
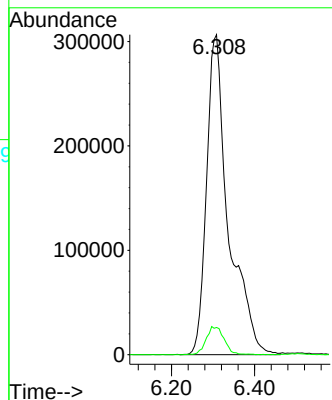
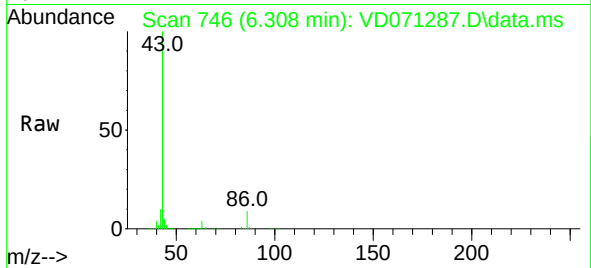




#23
 Vinyl Acetate
 Concen: 254.220 ug/l
 RT: 6.308 min Scan# 746
 Delta R.T. -0.001 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

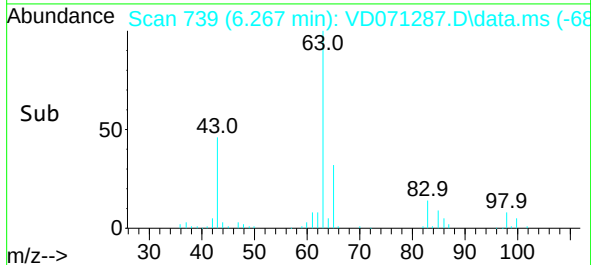
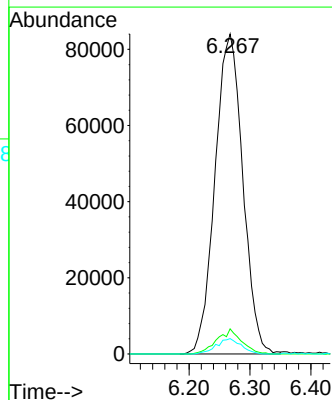
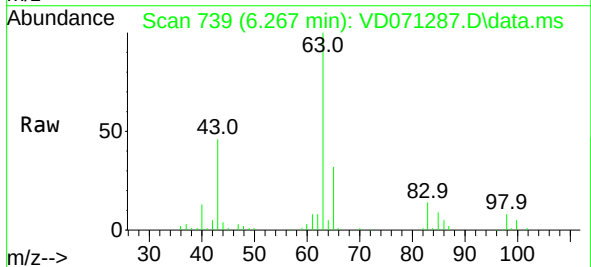
Instrument :
 MSVOA_D
 ClientSampleId :

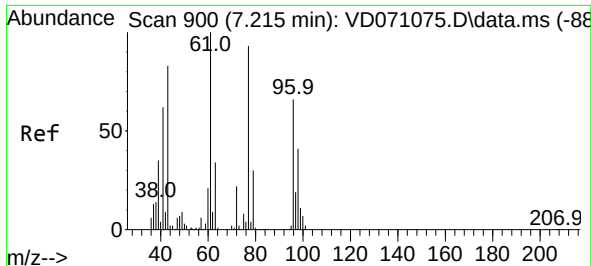
Tgt Ion: 43 Resp: 1121297
 Ion Ratio Lower Upper
 43 100
 86 8.5 8.2 12.4



#24
 1,1-Dichloroethane
 Concen: 56.936 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.005 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

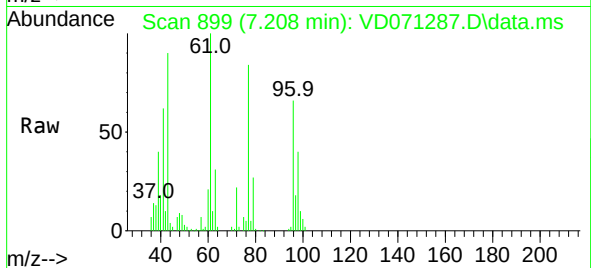
Tgt Ion: 63 Resp: 266566
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.5 10.6
 100 4.8 2.1 6.3



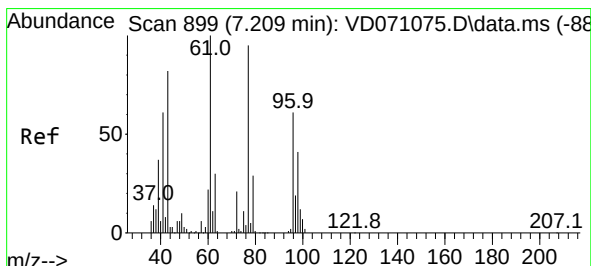
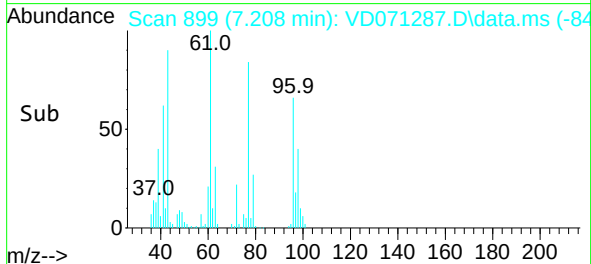
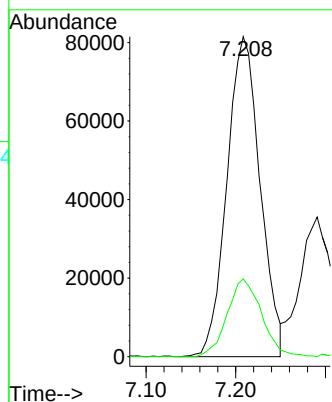


#25
2-Butanone
Concen: 252.249 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.007 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Instrument :
MSVOA_D
ClientSampleId :

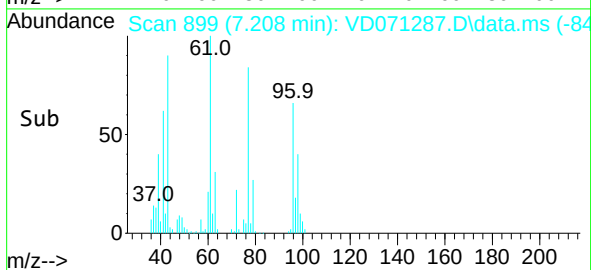
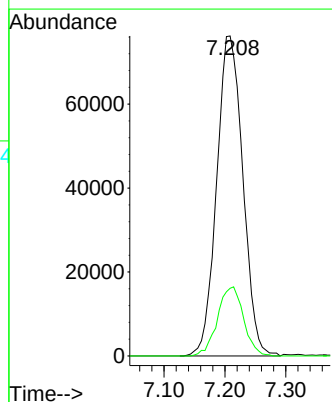
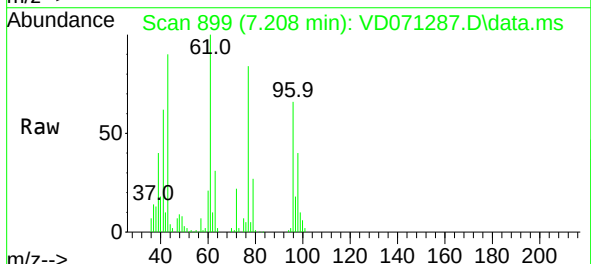


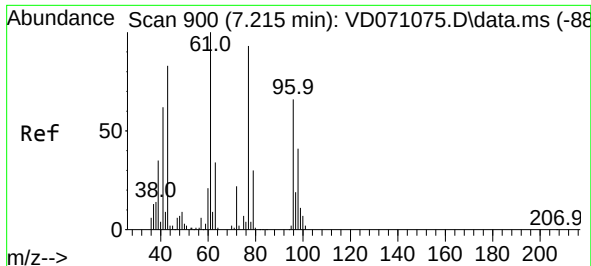
Tgt Ion: 43 Resp: 209385
Ion Ratio Lower Upper
43 100
72 24.3 23.8 35.6



#26
2,2-Dichloropropane
Concen: 53.514 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 77 Resp: 227829
Ion Ratio Lower Upper
77 100
97 21.5 11.9 35.5





#27

cis-1,2-Dichloroethene

Concen: 56.497 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.007 min

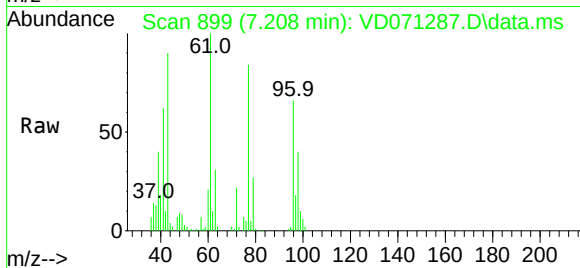
Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :



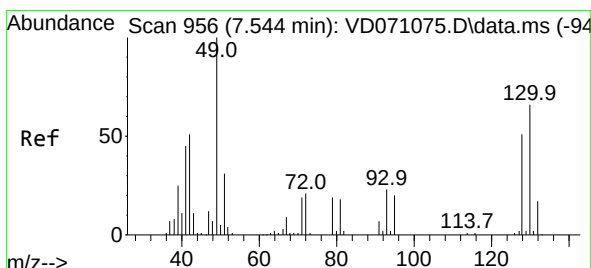
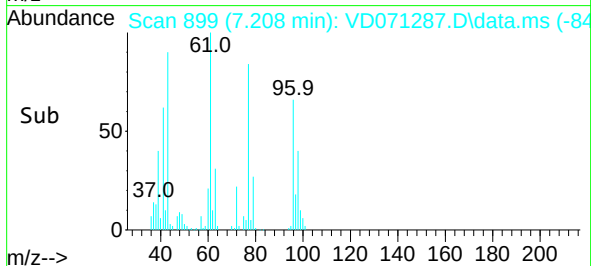
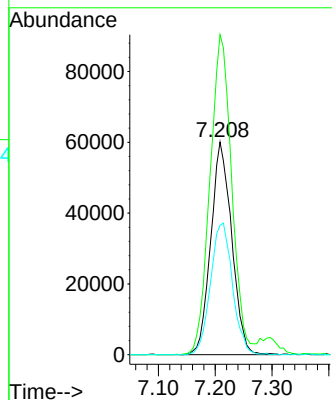
Tgt Ion: 96 Resp: 153892

Ion Ratio Lower Upper

96 100

61 156.8 0.0 288.6

98 64.9 0.0 129.2



#28

Bromochloromethane

Concen: 52.551 ug/l

RT: 7.550 min Scan# 957

Delta R.T. 0.006 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

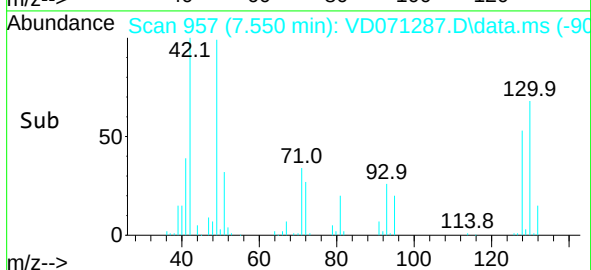
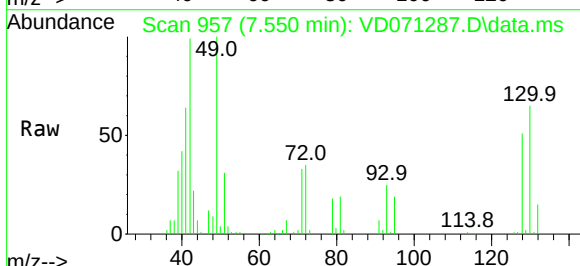
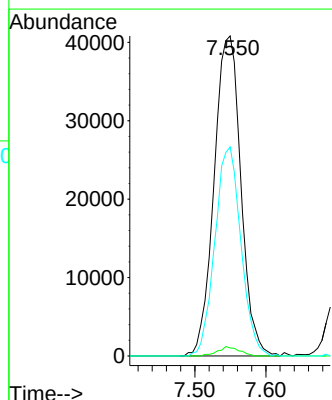
Tgt Ion: 49 Resp: 106864

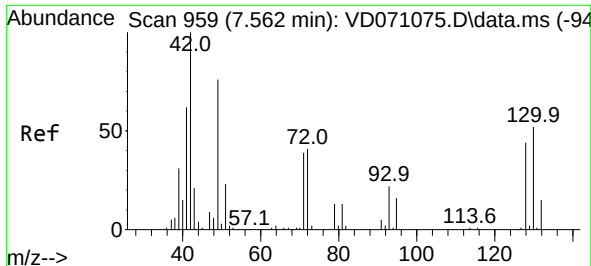
Ion Ratio Lower Upper

49 100

129 2.3 0.0 4.0

130 63.4 60.2 90.2





#29

Tetrahydrofuran

Concen: 297.637 ug/l

RT: 7.561 min Scan# 91

Delta R.T. -0.001 min

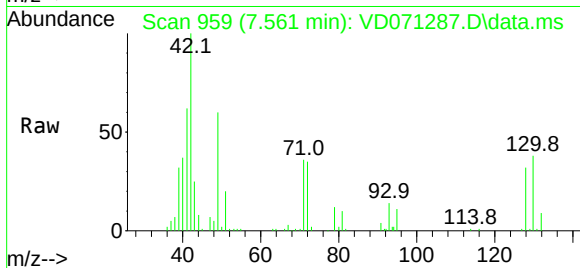
Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :



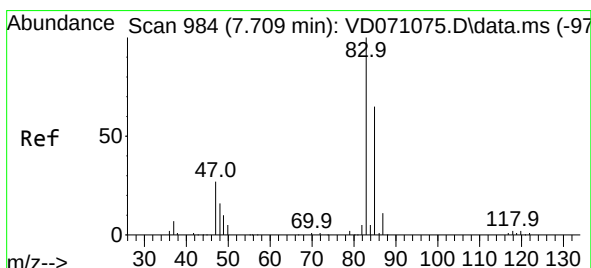
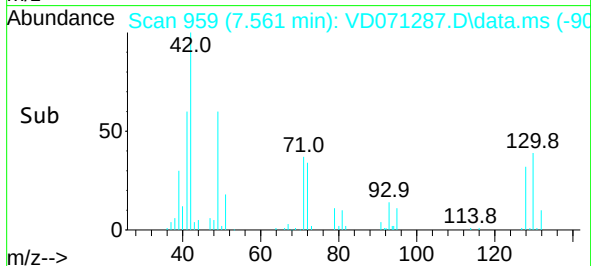
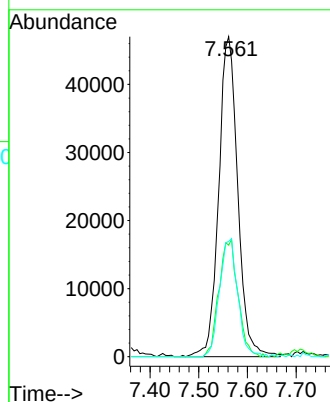
Tgt Ion: 42 Resp: 127773

Ion Ratio Lower Upper

42 100

72 36.5 33.7 50.5

71 35.2 32.7 49.1



#30

Chloroform

Concen: 59.106 ug/l

RT: 7.708 min Scan# 984

Delta R.T. -0.001 min

Lab File: VD071287.D

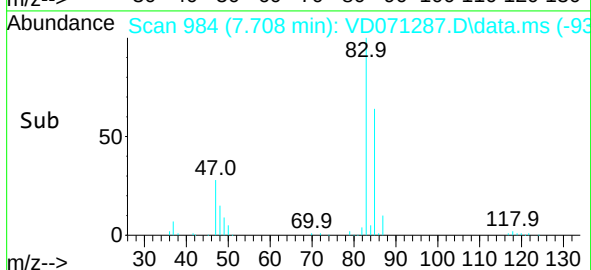
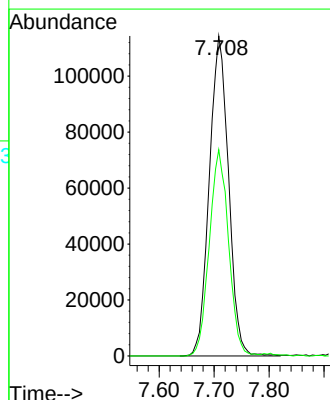
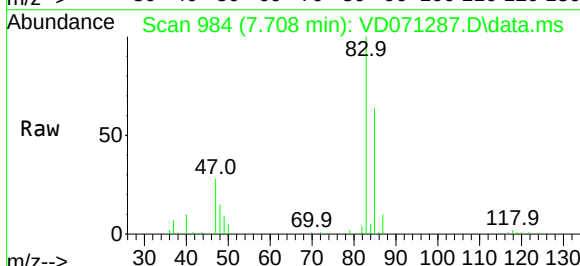
Acq: 13 Dec 2021 09:13

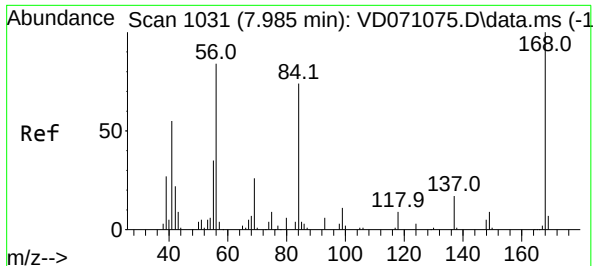
Tgt Ion: 83 Resp: 277721

Ion Ratio Lower Upper

83 100

85 64.4 51.0 76.6





#31

Cyclohexane

Concen: 47.899 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

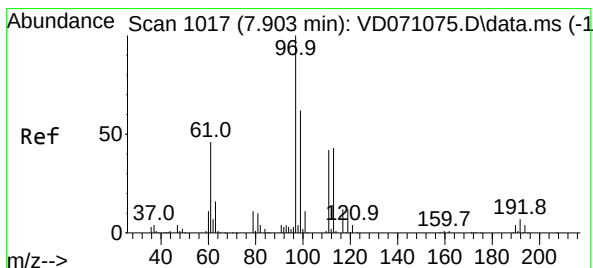
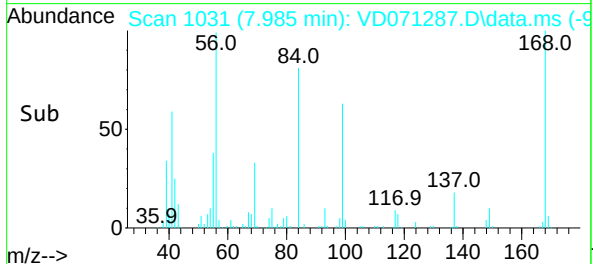
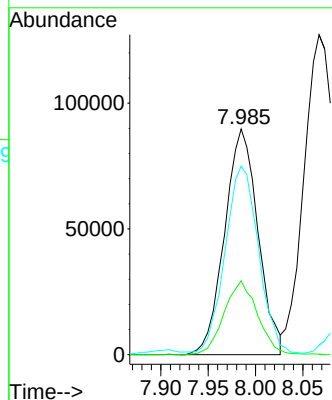
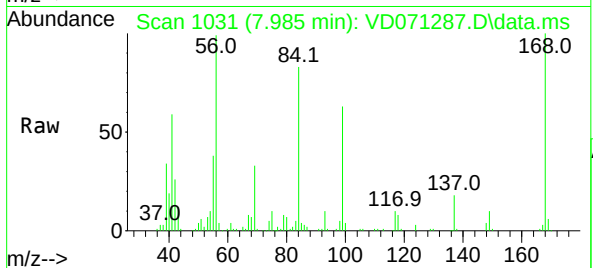
Tgt Ion: 56 Resp: 220271

Ion Ratio Lower Upper

56 100

69 32.7 25.9 38.9

84 82.4 64.3 96.5



#32

1,1,1-Trichloroethane

Concen: 56.576 ug/l

RT: 7.902 min Scan# 1017

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

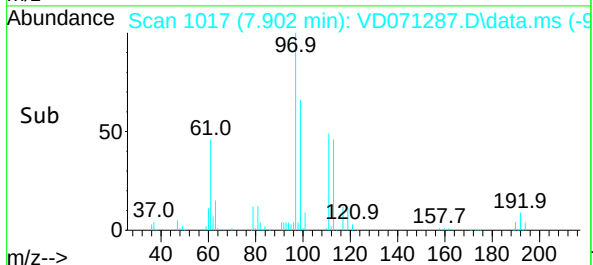
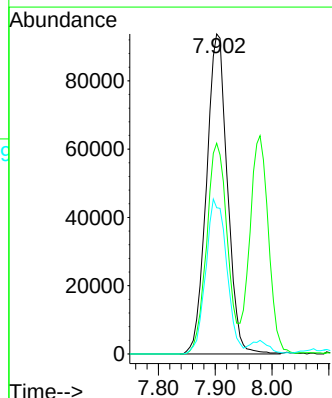
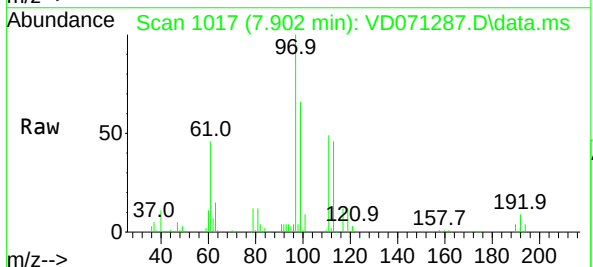
Tgt Ion: 97 Resp: 238669

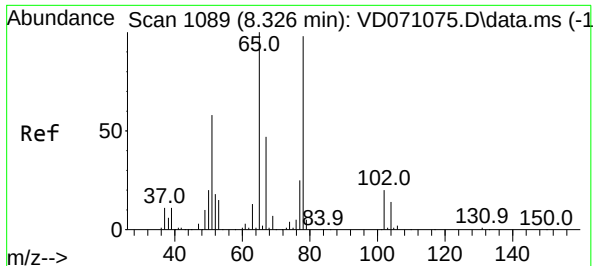
Ion Ratio Lower Upper

97 100

99 65.7 50.3 75.5

61 48.7 33.0 49.4





#33

1,2-Dichloroethane-d4

Concen: 54.378 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

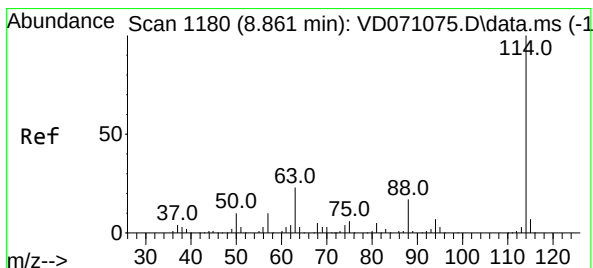
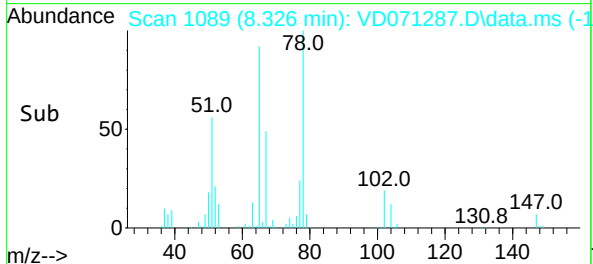
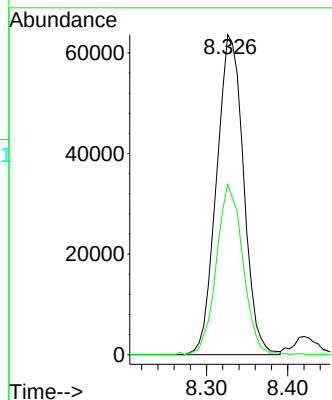
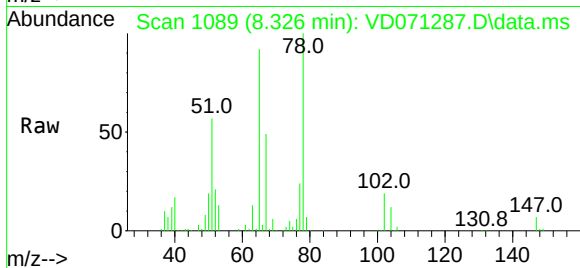
ClientSampleId :

Tgt Ion: 65 Resp: 147012

Ion Ratio Lower Upper

65 100

67 52.2 0.0 112.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

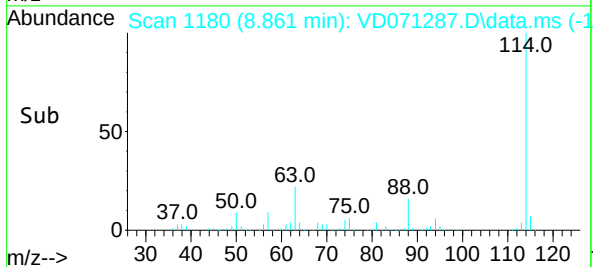
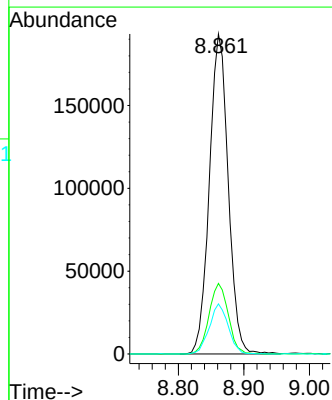
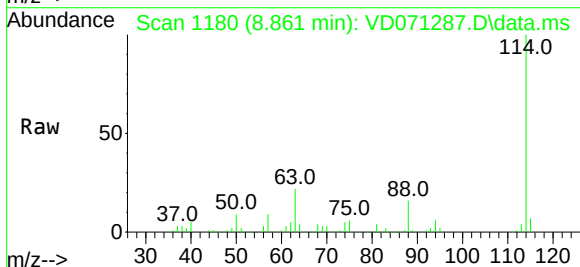
Tgt Ion: 114 Resp: 385730

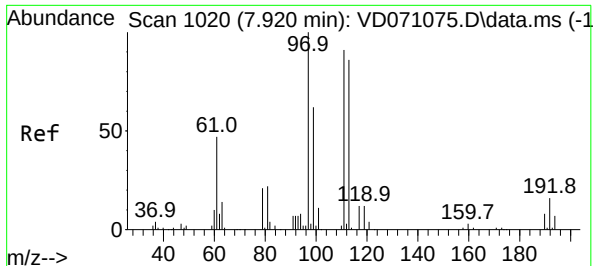
Ion Ratio Lower Upper

114 100

63 22.0 0.0 41.8

88 15.7 0.0 32.8





#35

Dibromofluoromethane

Concen: 54.699 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

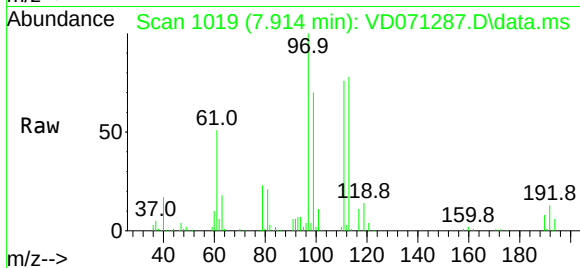
Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :



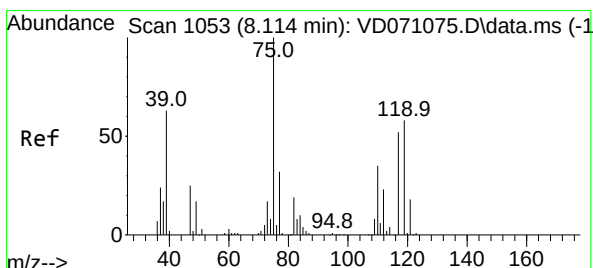
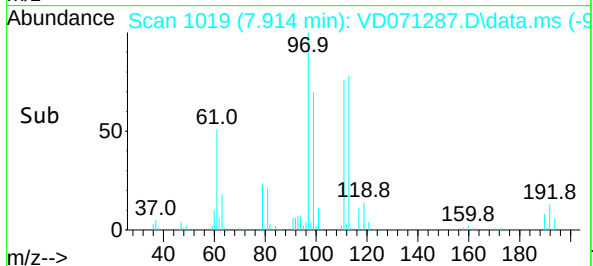
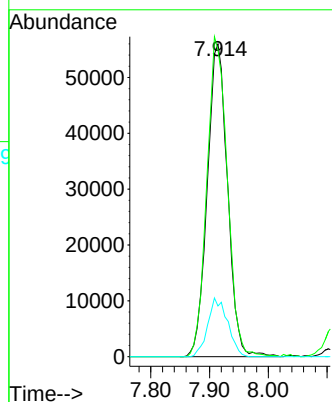
Tgt Ion:113 Resp: 134357

Ion Ratio Lower Upper

113 100

111 103.0 82.0 123.0

192 18.4 15.2 22.8



#36

1,1-Dichloropropene

Concen: 54.520 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

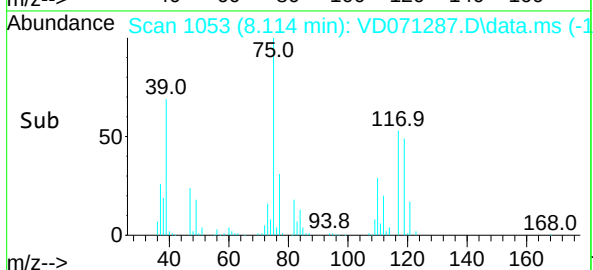
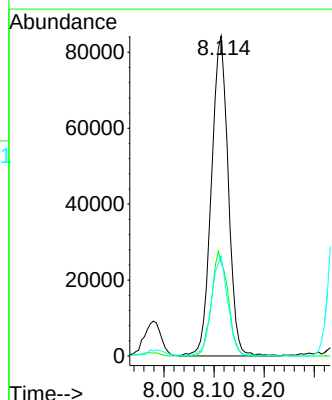
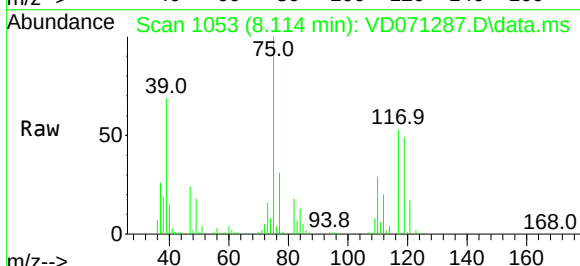
Tgt Ion: 75 Resp: 196553

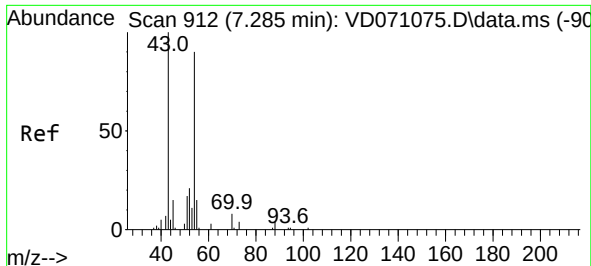
Ion Ratio Lower Upper

75 100

110 31.9 17.8 53.4

77 30.4 24.8 37.2





#37

Ethyl Acetate

Concen: 58.164 ug/l

RT: 7.291 min Scan# 912

Delta R.T. 0.006 min

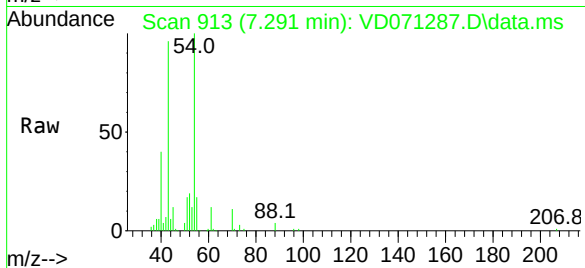
Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :



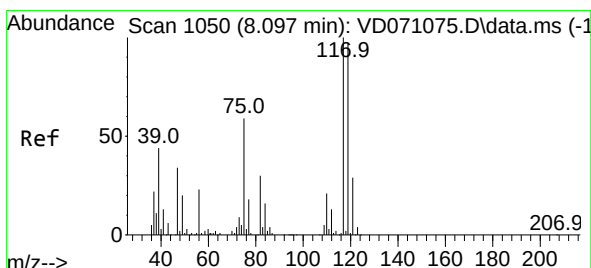
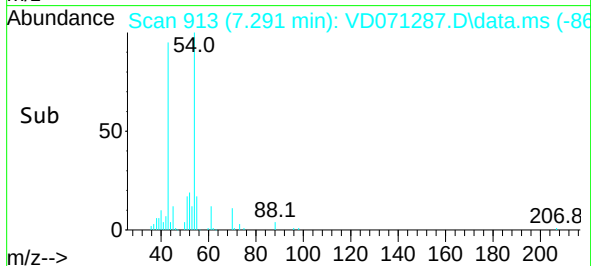
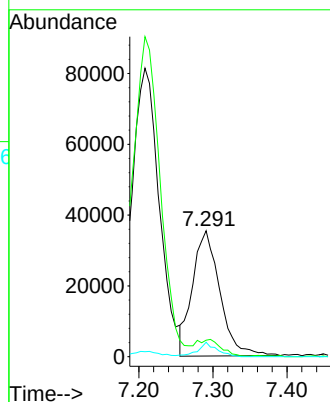
Tgt Ion: 43 Resp: 90579

Ion Ratio Lower Upper

43 100

61 11.3 13.0 19.6#

70 8.0 8.7 13.1#



#38

Carbon Tetrachloride

Concen: 58.298 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

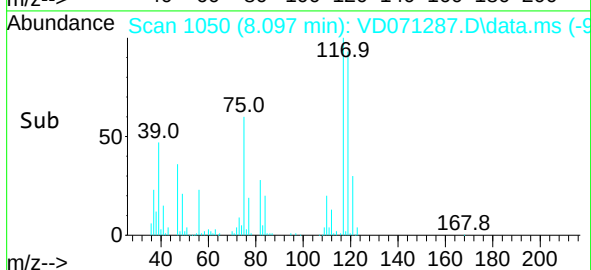
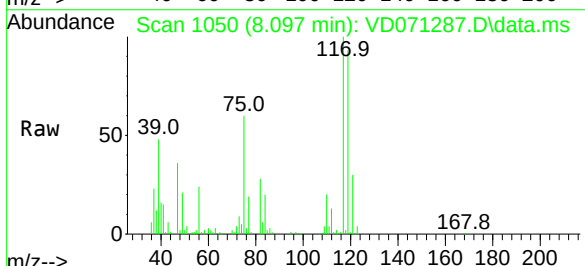
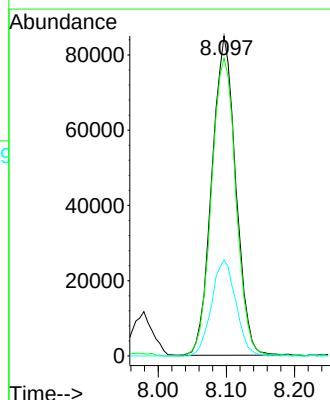
Tgt Ion: 117 Resp: 207179

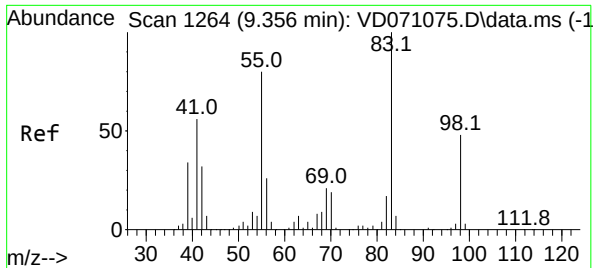
Ion Ratio Lower Upper

117 100

119 93.3 75.8 113.6

121 30.1 23.6 35.4





#39

Methylcyclohexane

Concen: 50.746 ug/l

RT: 9.355 min Scan# 11

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

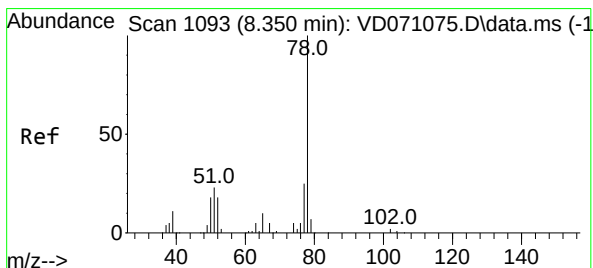
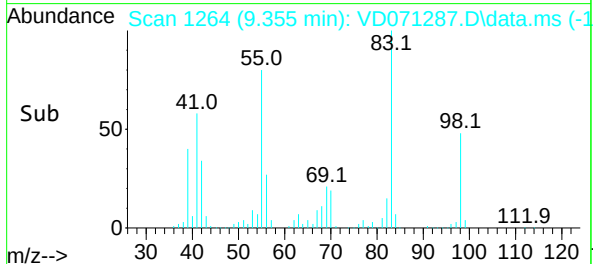
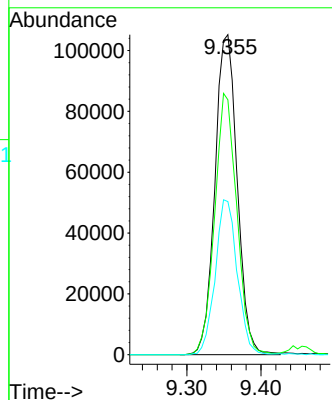
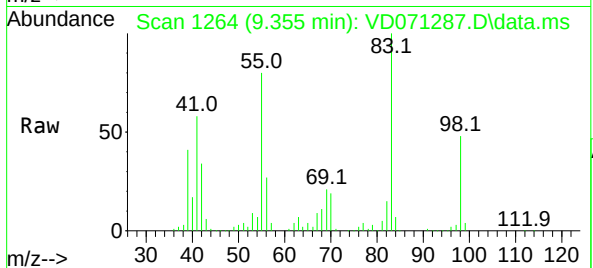
Tgt Ion: 83 Resp: 220044

Ion Ratio Lower Upper

83 100

55 79.7 65.8 98.8

98 47.8 38.7 58.1



#40

Benzene

Concen: 56.509 ug/l

RT: 8.349 min Scan# 1093

Delta R.T. -0.001 min

Lab File: VD071287.D

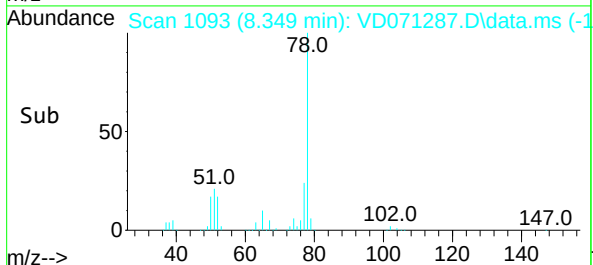
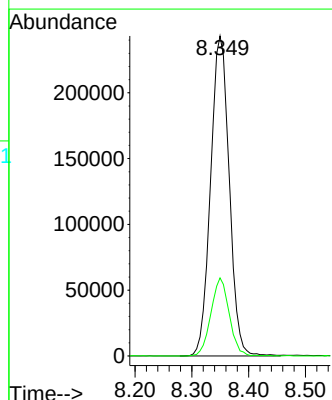
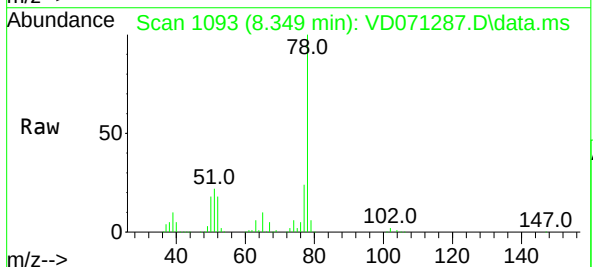
Acq: 13 Dec 2021 09:13

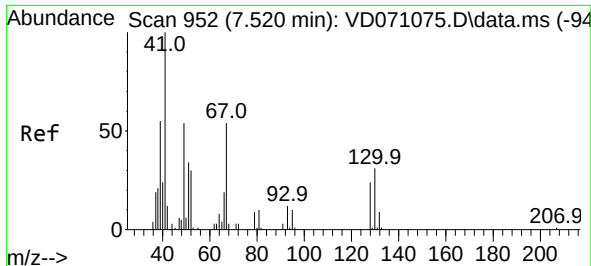
Tgt Ion: 78 Resp: 553369

Ion Ratio Lower Upper

78 100

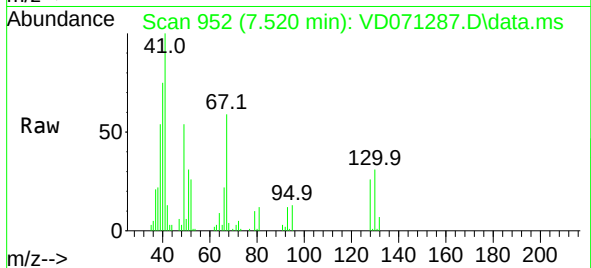
77 24.4 19.1 28.7



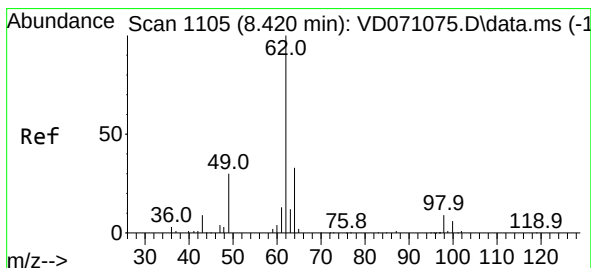
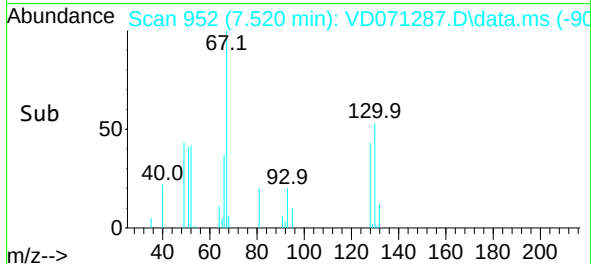
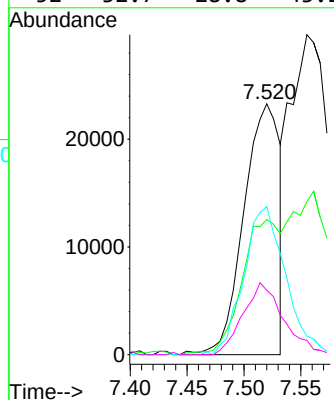


#41
Methacrylonitrile
Concen: 63.840 ug/l
RT: 7.520 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Instrument :
MSVOA_D
ClientSampleId :

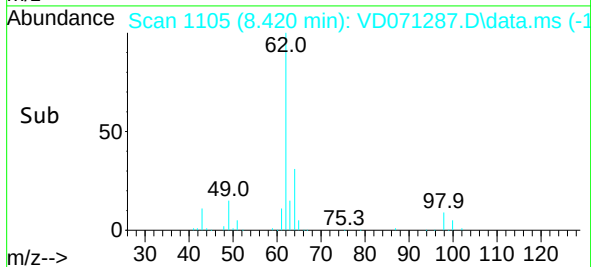
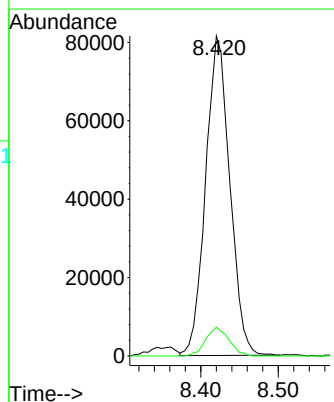
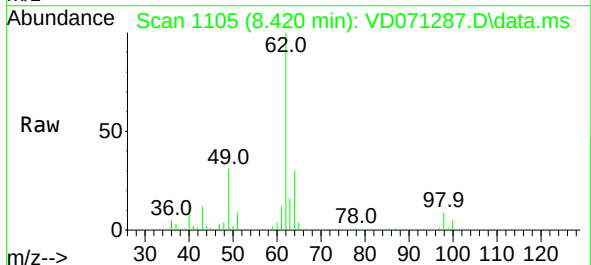


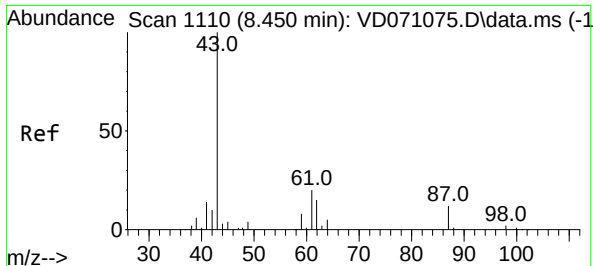
Tgt Ion: 41 Resp: 51057
Ion Ratio Lower Upper
41 100
39 57.4 60.2 90.4#
67 68.9 74.8 112.2#
52 32.7 28.8 43.2



#42
1,2-Dichloroethane
Concen: 59.066 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 62 Resp: 176556
Ion Ratio Lower Upper
62 100
98 8.6 0.0 21.8





#43

Isopropyl Acetate

Concen: 51.818 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

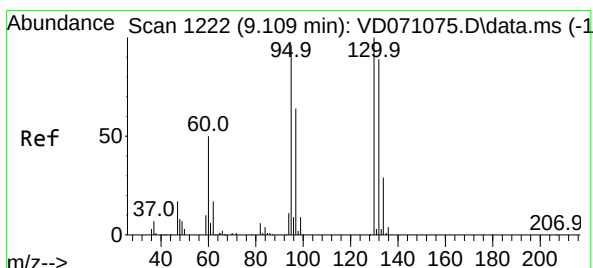
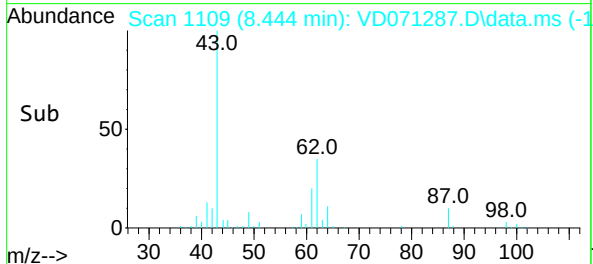
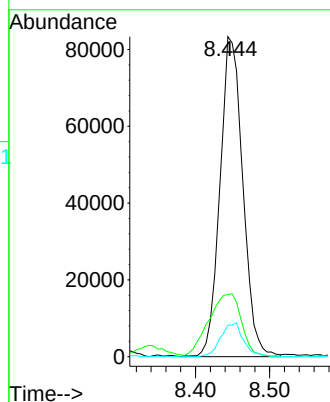
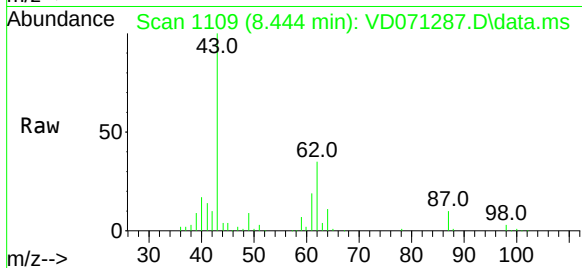
Tgt Ion: 43 Resp: 178289

Ion Ratio Lower Upper

43 100

61 28.2 28.2 42.4#

87 10.5 10.7 16.1#



#44

Trichloroethene

Concen: 53.864 ug/l

RT: 9.108 min Scan# 1222

Delta R.T. -0.001 min

Lab File: VD071287.D

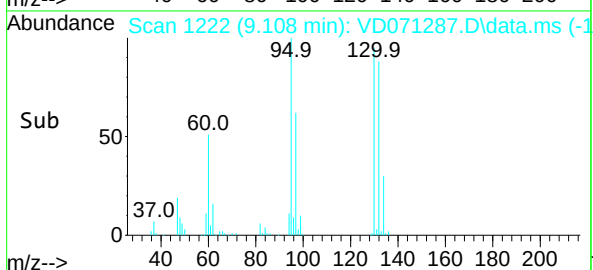
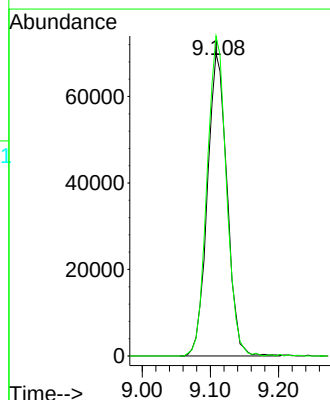
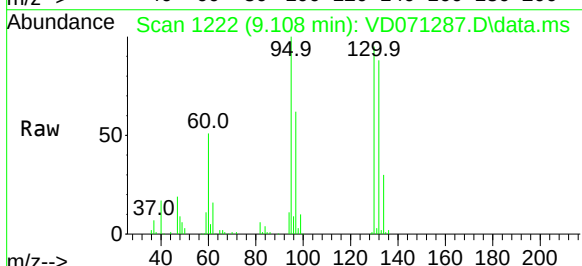
Acq: 13 Dec 2021 09:13

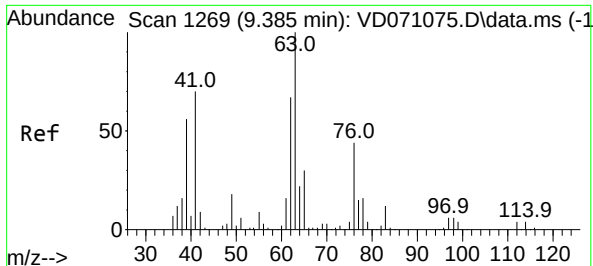
Tgt Ion:130 Resp: 140636

Ion Ratio Lower Upper

130 100

95 105.8 0.0 193.2





#45

1,2-Dichloropropane

Concen: 58.146 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

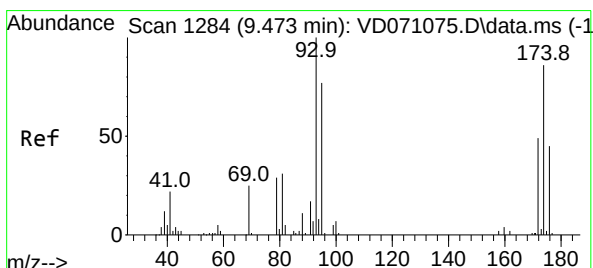
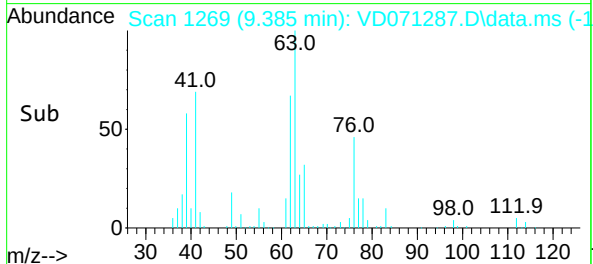
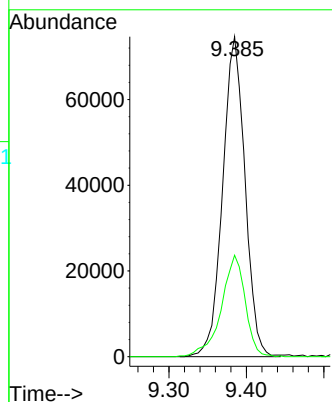
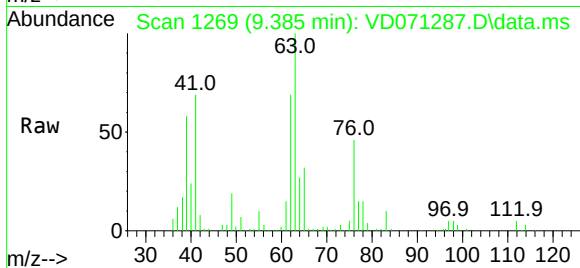
ClientSampleId :

Tgt Ion: 63 Resp: 149743

Ion Ratio Lower Upper

63 100

65 31.5 24.2 36.2



#46

Dibromomethane

Concen: 59.203 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

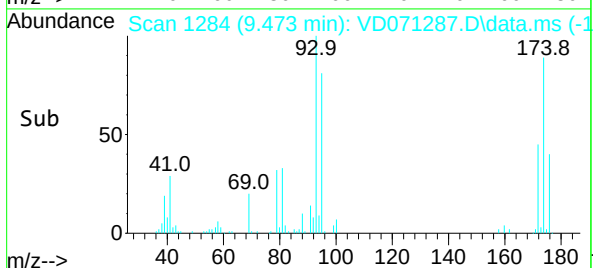
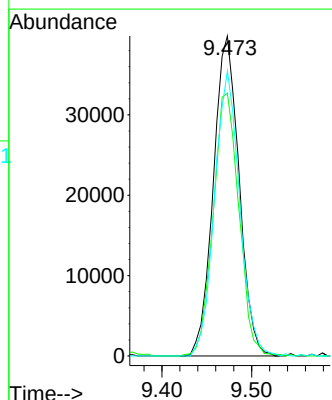
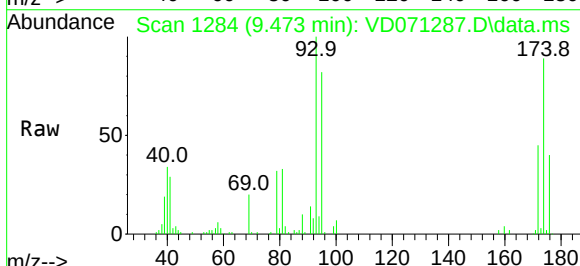
Tgt Ion: 93 Resp: 79101

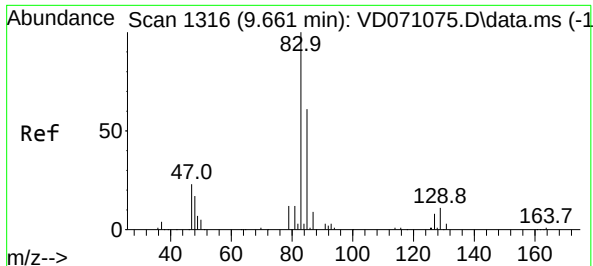
Ion Ratio Lower Upper

93 100

95 82.4 66.1 99.1

174 87.4 78.6 117.8

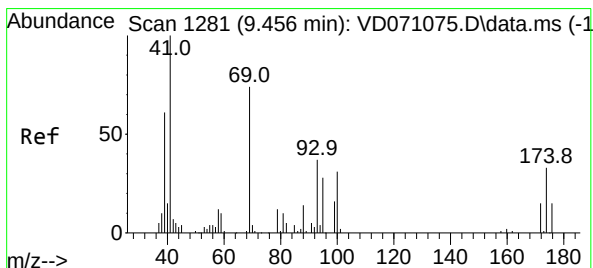
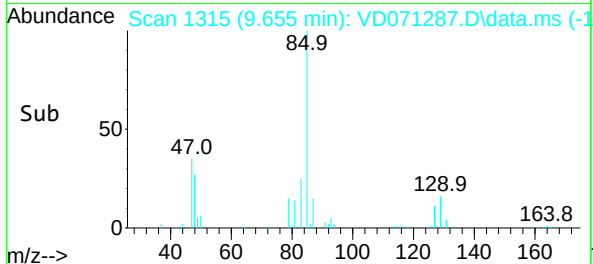
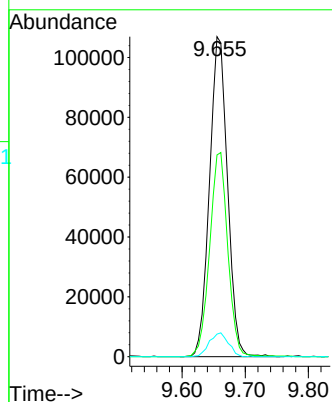
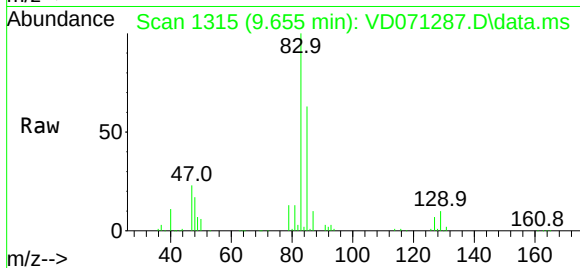




#47
Bromodichloromethane
Concen: 59.934 ug/l
RT: 9.655 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

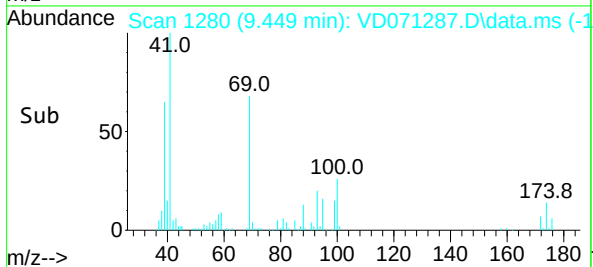
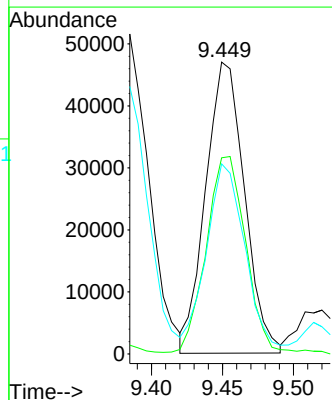
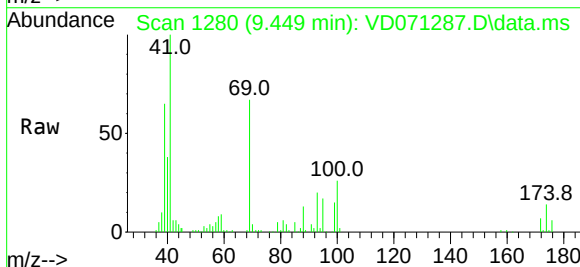
Instrument :
MSVOA_D
ClientSampleId :

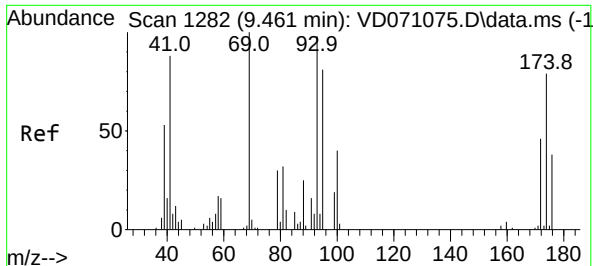
Tgt Ion: 83 Resp: 211774
Ion Ratio Lower Upper
83 100
85 63.1 50.0 75.0
127 7.0 7.3 10.9#



#48
Methyl methacrylate
Concen: 58.563 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. -0.007 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 41 Resp: 89270
Ion Ratio Lower Upper
41 100
69 70.0 69.8 104.6
39 59.1 35.6 53.4#





#49

1,4-Dioxane

Concen: 1244.585 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. -0.006 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

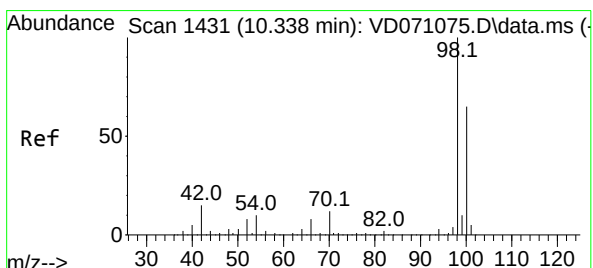
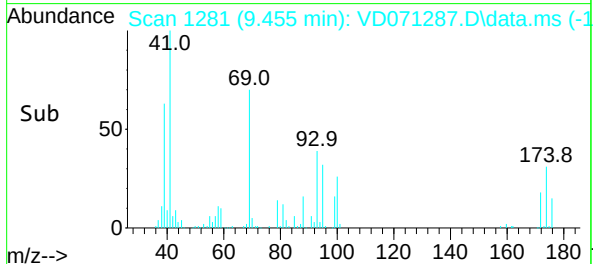
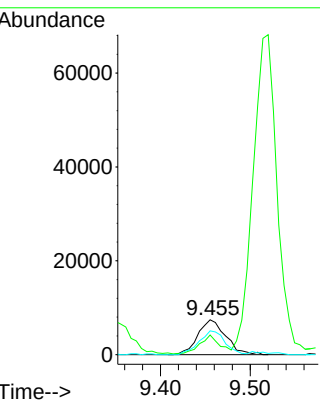
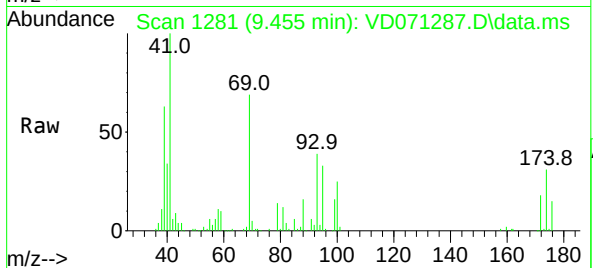
Tgt Ion: 88 Resp: 16052

Ion Ratio Lower Upper

88 100

43 38.1 28.9 43.3

58 63.8 56.3 84.5



#50

Toluene-d8

Concen: 51.035 ug/l

RT: 10.338 min Scan# 1431

Delta R.T. -0.000 min

Lab File: VD071287.D

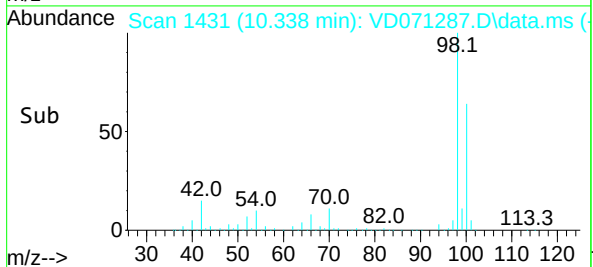
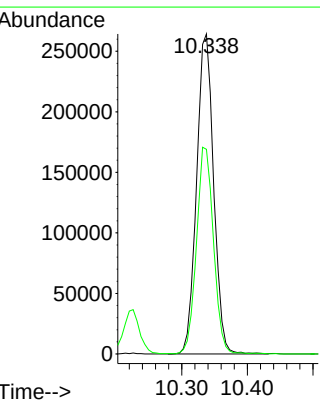
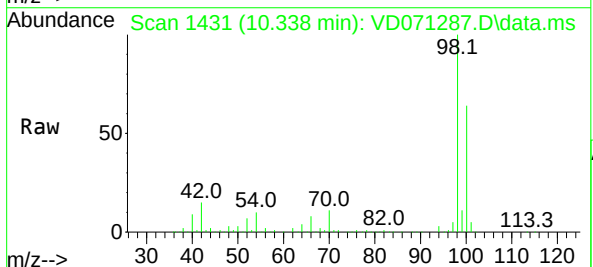
Acq: 13 Dec 2021 09:13

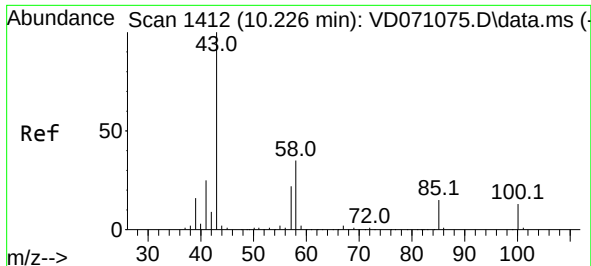
Tgt Ion: 98 Resp: 477044

Ion Ratio Lower Upper

98 100

100 64.3 51.8 77.6

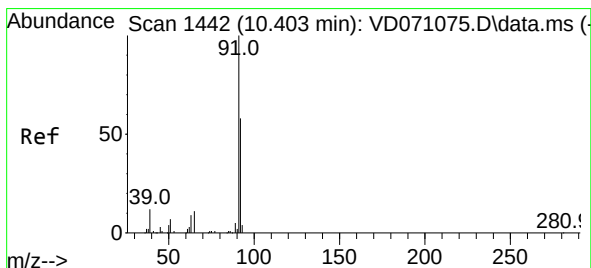
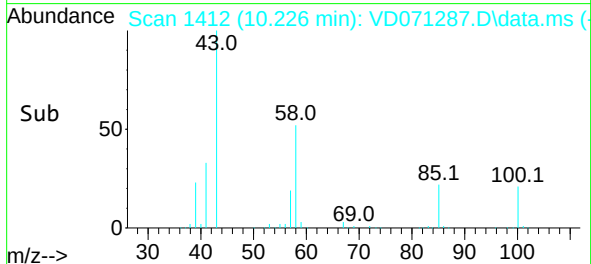
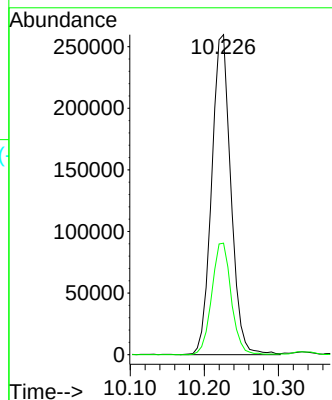
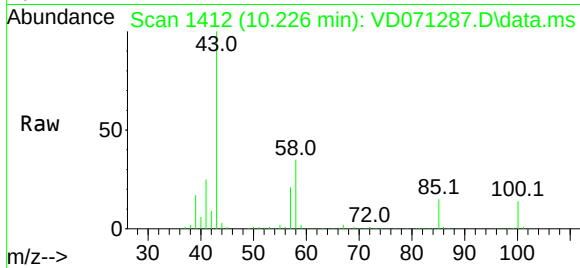




#51
4-Methyl-2-Pentanone
Concen: 264.241 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

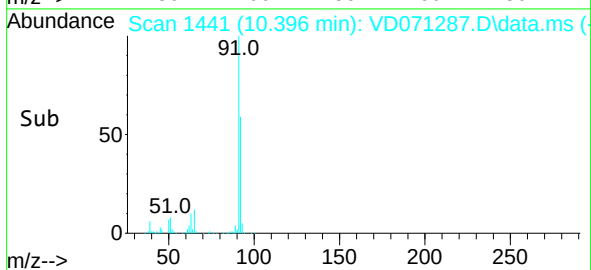
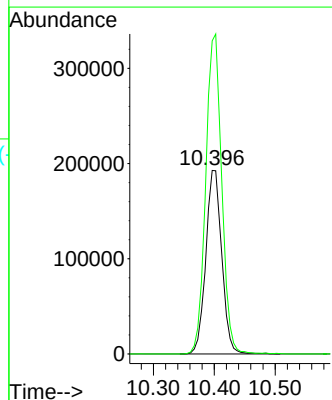
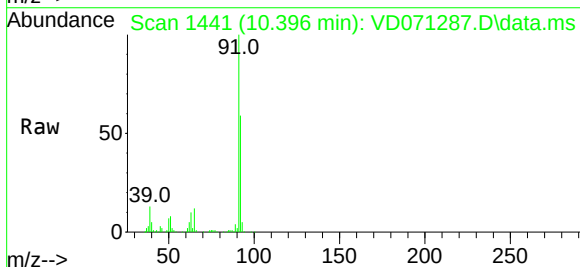
Instrument :
MSVOA_D
ClientSampleId :

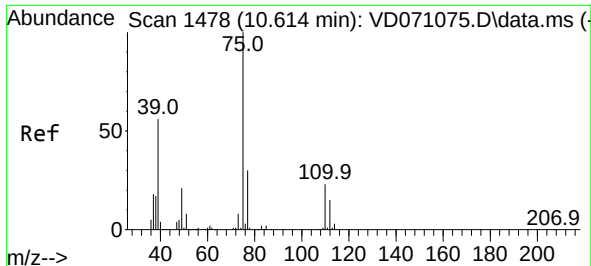
Tgt Ion: 43 Resp: 467515
Ion Ratio Lower Upper
43 100
58 35.3 33.1 49.7



#52
Toluene
Concen: 56.507 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.007 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 92 Resp: 351092
Ion Ratio Lower Upper
92 100
91 175.0 140.7 211.1

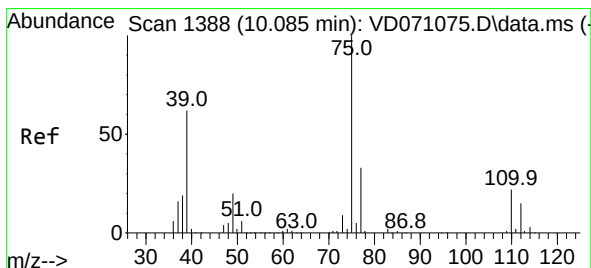
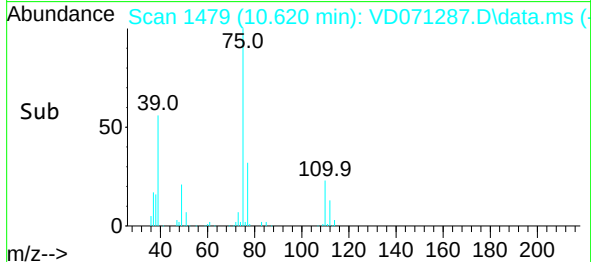
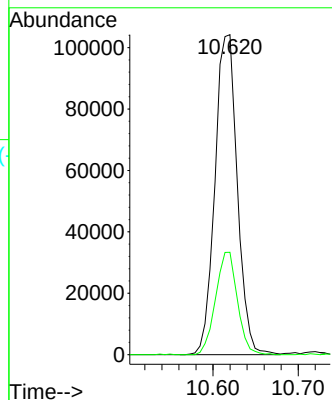
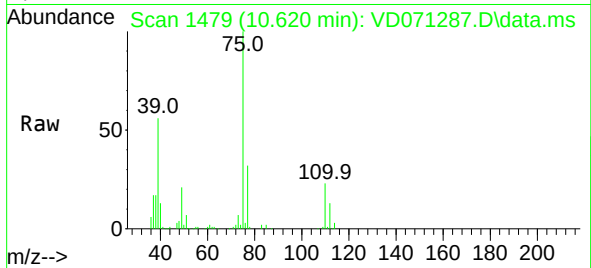




#53
 t-1,3-Dichloropropene
 Concen: 58.706 ug/l
 RT: 10.620 min Scan# 1478
 Delta R.T. 0.006 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

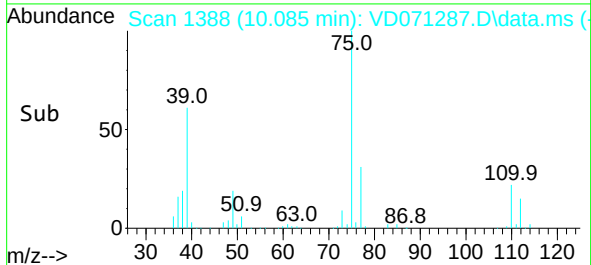
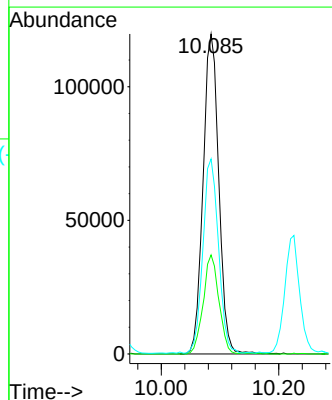
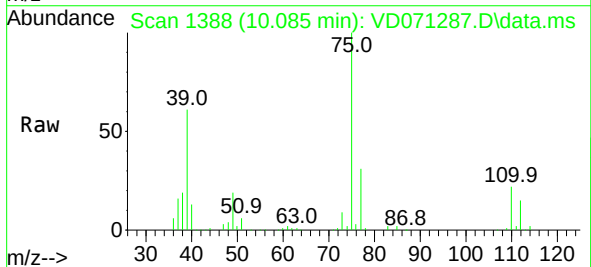
Instrument :
 MSVOA_D
 ClientSampleId :

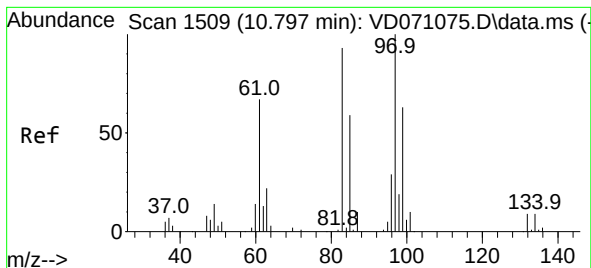
Tgt Ion: 75 Resp: 190718
 Ion Ratio Lower Upper
 75 100
 77 32.0 24.5 36.7



#54
 cis-1,3-Dichloropropene
 Concen: 57.668 ug/l
 RT: 10.085 min Scan# 1388
 Delta R.T. -0.000 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

Tgt Ion: 75 Resp: 222539
 Ion Ratio Lower Upper
 75 100
 77 31.0 25.0 37.6
 39 60.3 31.6 47.4#





#55

1,1,2-Trichloroethane

Concen: 59.580 ug/l

RT: 10.796 min Scan# 1509

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

Tgt Ion: 97 Resp: 104430

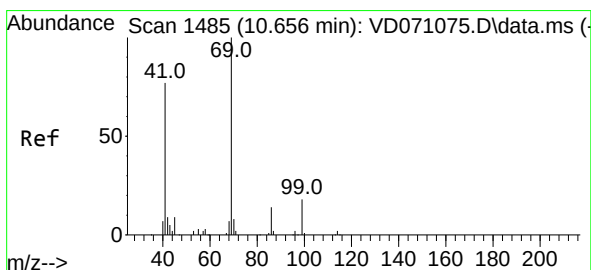
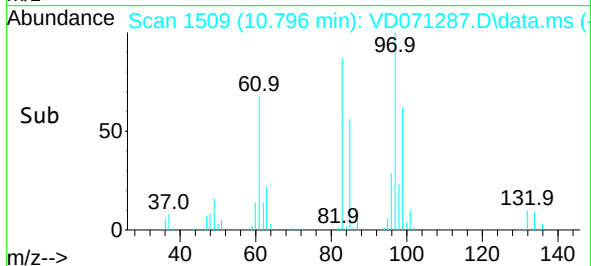
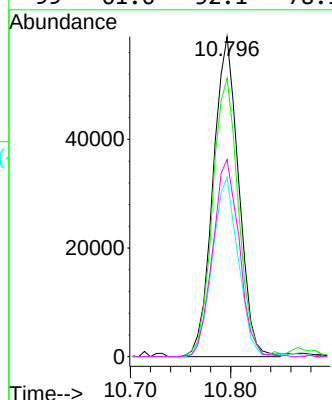
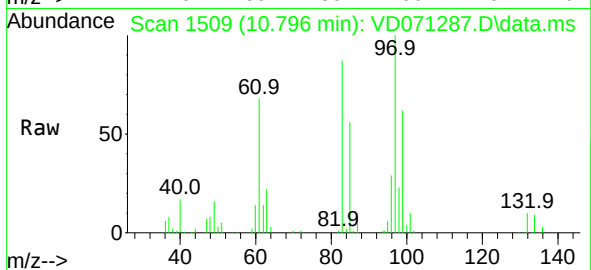
Ion Ratio Lower Upper

97 100

83 87.0 65.2 97.8

85 56.1 43.4 65.0

99 61.6 52.1 78.1



#56

Ethyl methacrylate

Concen: 51.351 ug/l

RT: 10.655 min Scan# 1485

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

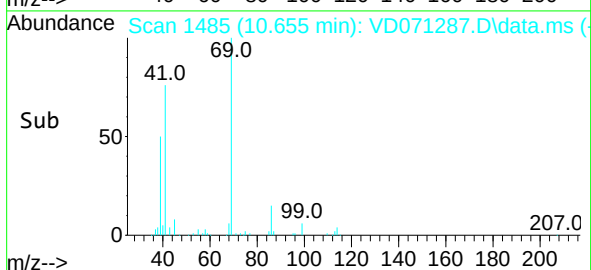
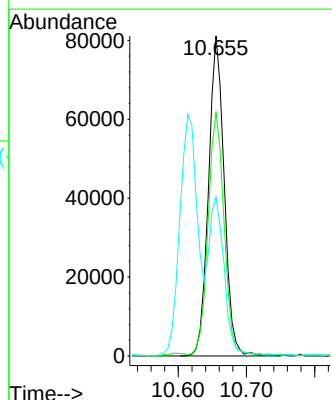
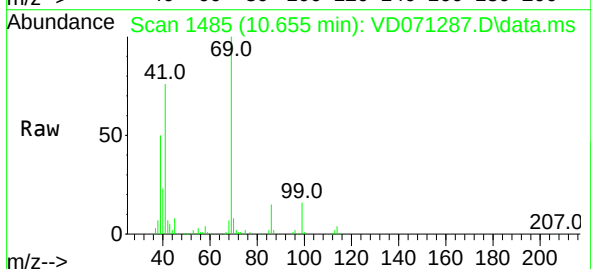
Tgt Ion: 69 Resp: 130036

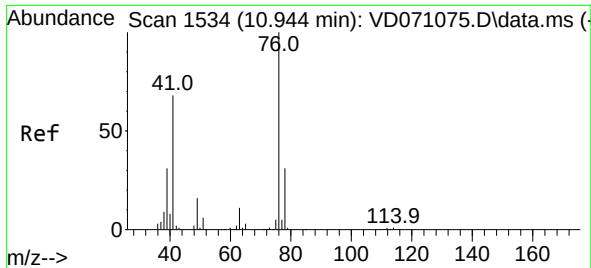
Ion Ratio Lower Upper

69 100

41 76.7 50.2 75.2#

39 48.5 19.8 29.8#

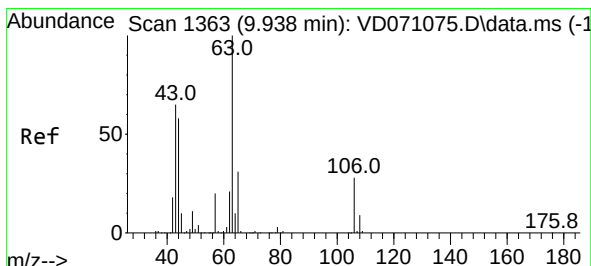
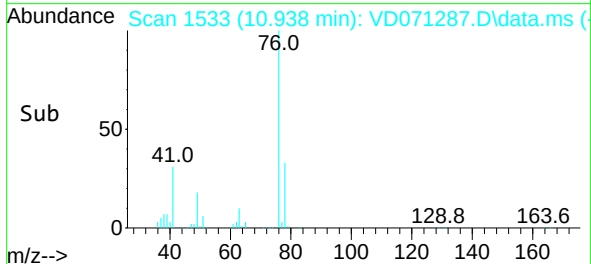
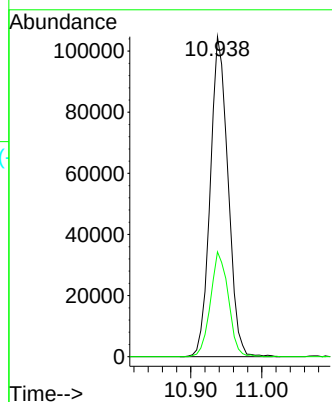
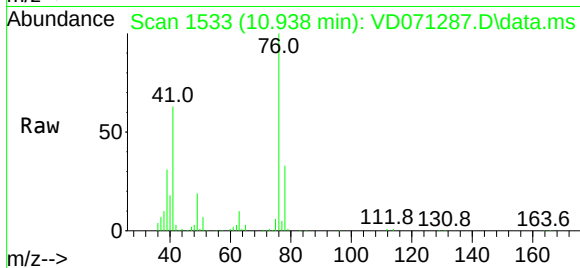




#57
 1,3-Dichloropropane
 Concen: 59.180 ug/l
 RT: 10.938 min Scan# 1533
 Delta R.T. -0.006 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

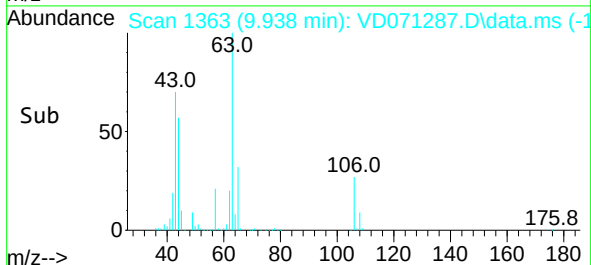
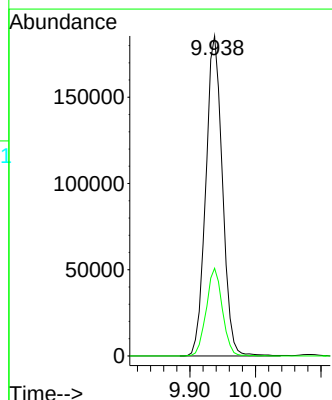
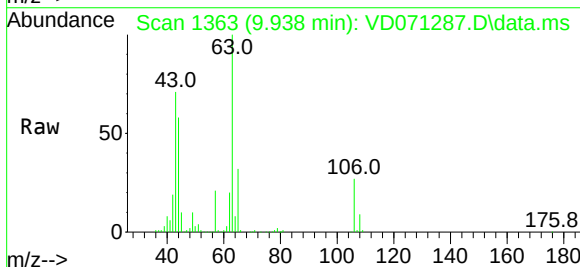
Instrument :
 MSVOA_D
 ClientSampleId :

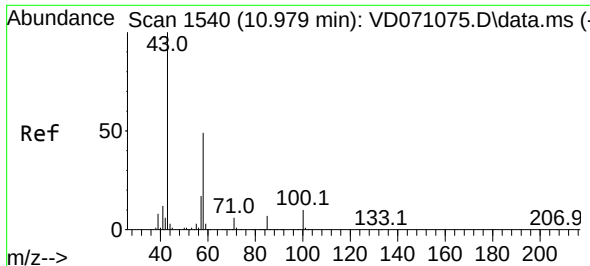
Tgt Ion: 76 Resp: 182221
 Ion Ratio Lower Upper
 76 100
 78 32.9 25.8 38.6



#58
 2-Chloroethyl Vinyl ether
 Concen: 274.575 ug/l
 RT: 9.938 min Scan# 1363
 Delta R.T. -0.000 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

Tgt Ion: 63 Resp: 327492
 Ion Ratio Lower Upper
 63 100
 106 26.5 21.0 31.4

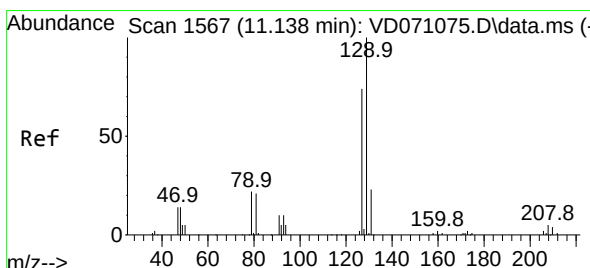
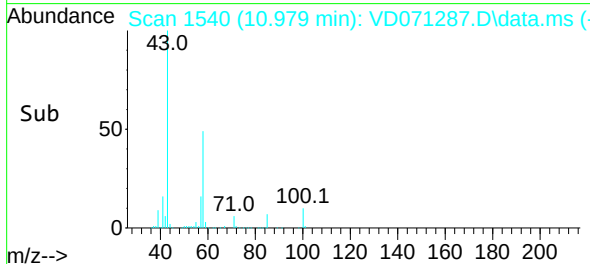
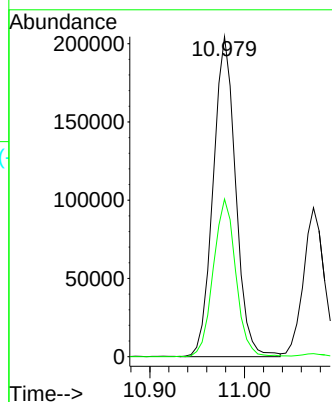
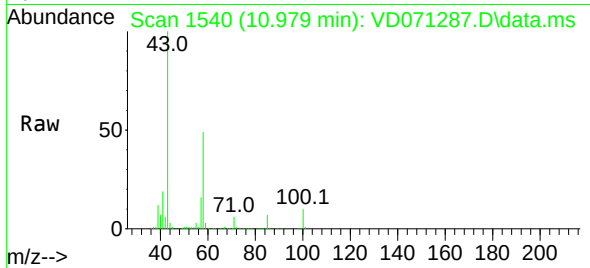




#59
2-Hexanone
Concen: 254.646 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

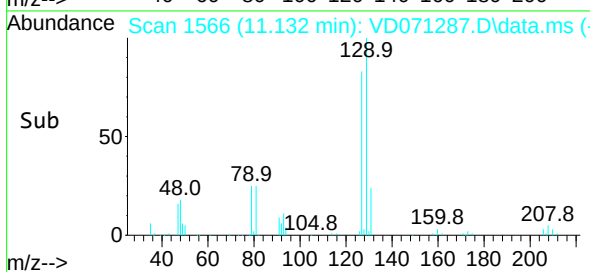
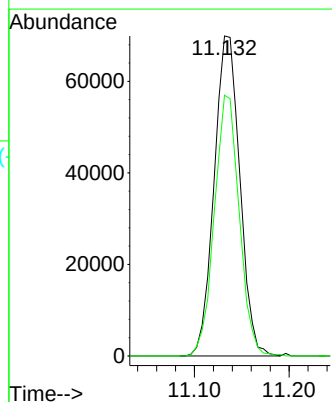
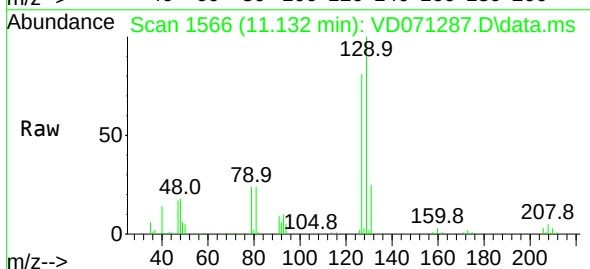
Instrument :
MSVOA_D
ClientSampleId :

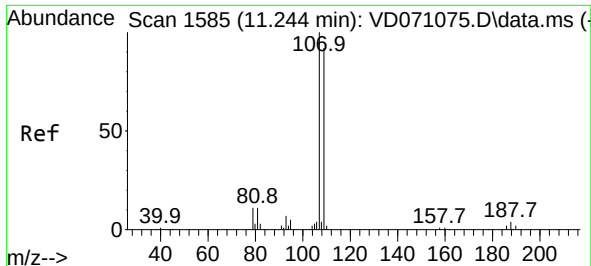
Tgt Ion: 43 Resp: 337930
Ion Ratio Lower Upper
43 100
58 49.3 28.7 86.1



#60
Dibromochloromethane
Concen: 60.596 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 129 Resp: 132004
Ion Ratio Lower Upper
129 100
127 78.8 38.9 116.6

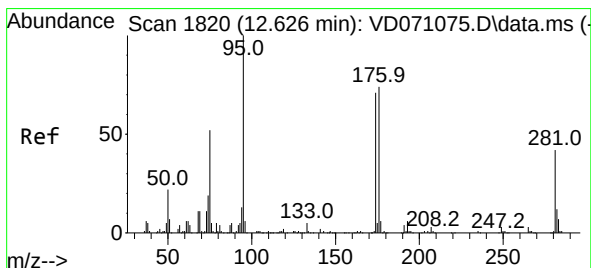
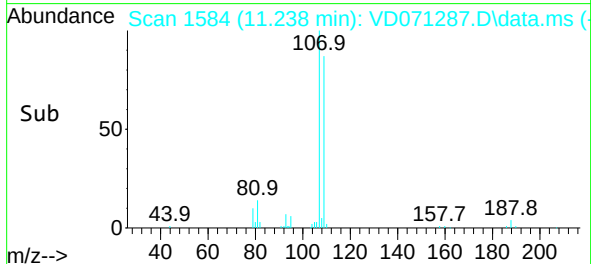
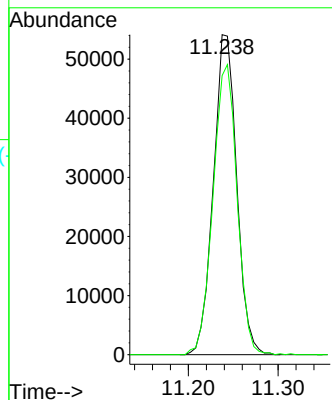
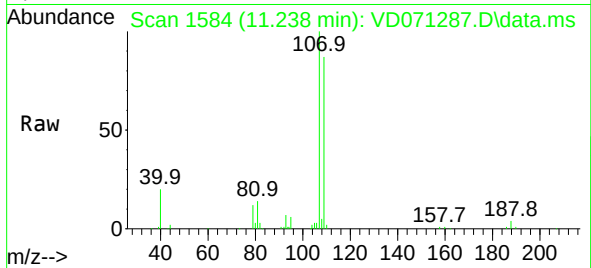




#61
1,2-Dibromoethane
Concen: 58.153 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

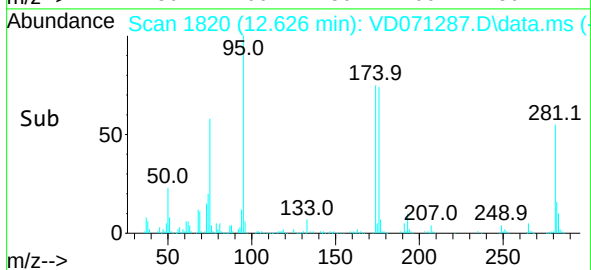
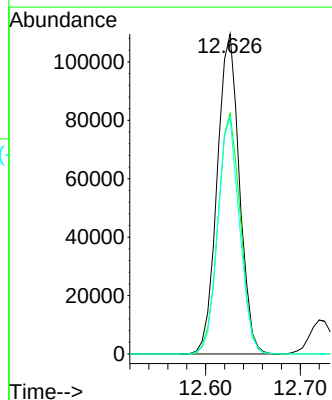
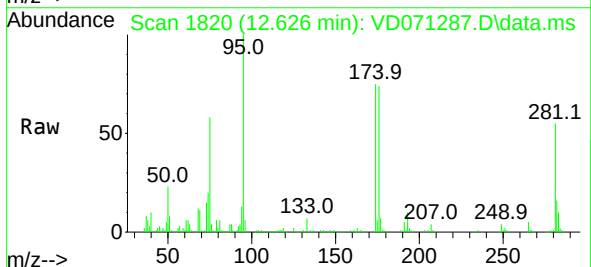
Instrument :
MSVOA_D
ClientSampleId :

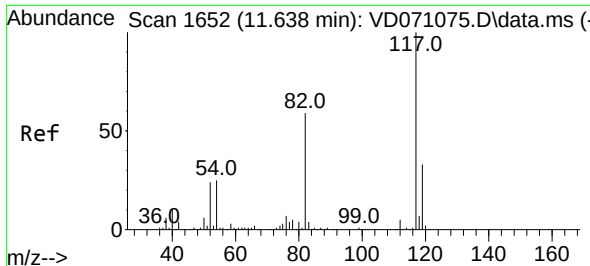
Tgt Ion:107 Resp: 97893
Ion Ratio Lower Upper
107 100
109 93.4 74.6 112.0



#62
4-Bromofluorobenzene
Concen: 55.158 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

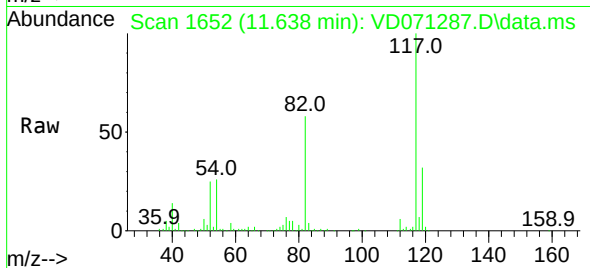
Tgt Ion: 95 Resp: 178722
Ion Ratio Lower Upper
95 100
174 75.5 0.0 159.4
176 72.3 0.0 154.0



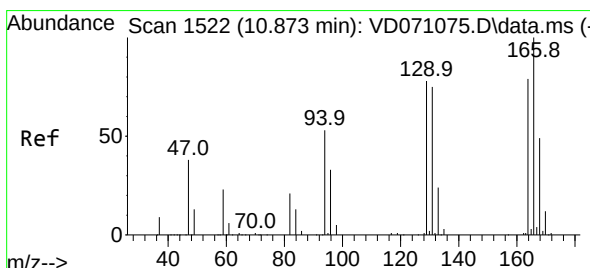
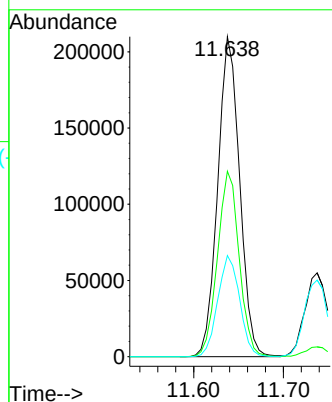
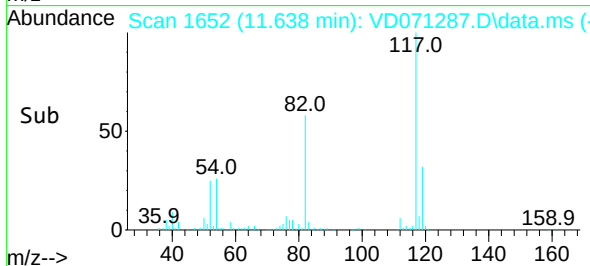


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

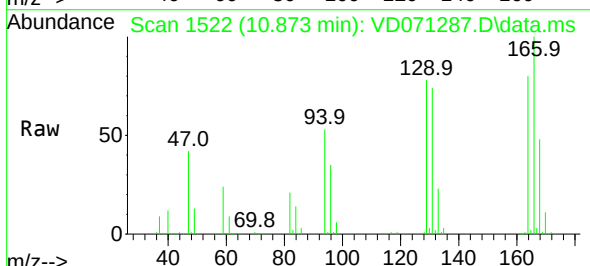
Instrument :
MSVOA_D
ClientSampleId :



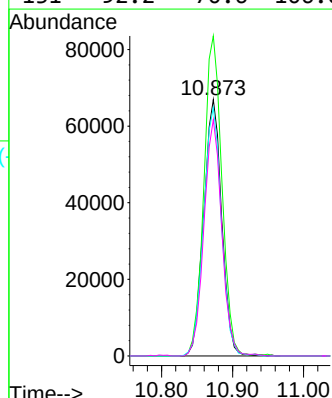
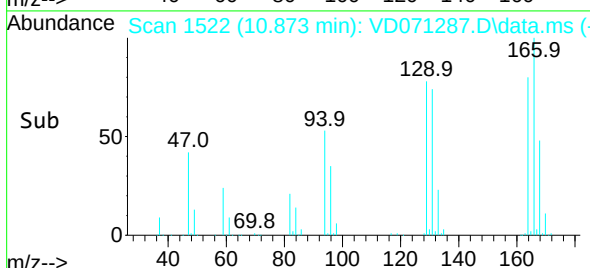
Tgt Ion:117 Resp: 355834
Ion Ratio Lower Upper
117 100
82 58.0 44.7 67.1
119 31.6 26.2 39.4

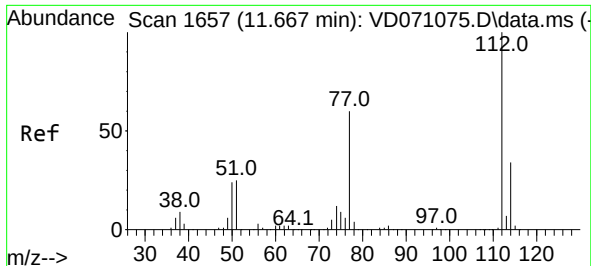


#64
Tetrachloroethene
Concen: 52.344 ug/l
RT: 10.873 min Scan# 1522
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13



Tgt Ion:164 Resp: 118245
Ion Ratio Lower Upper
164 100
166 124.9 102.6 153.8
129 96.9 75.4 113.0
131 92.2 70.6 106.0

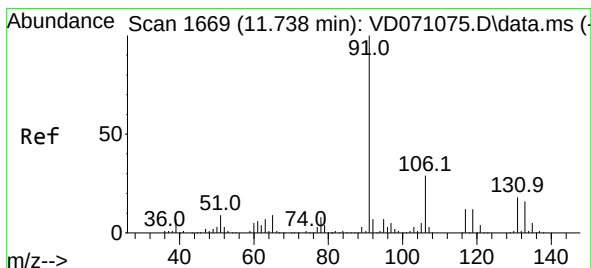
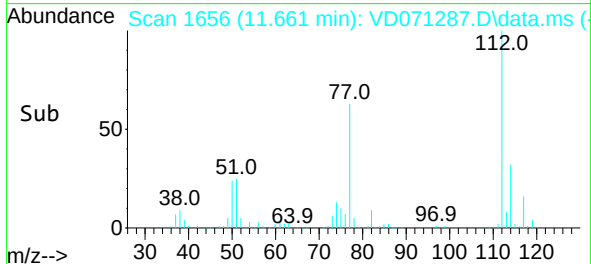
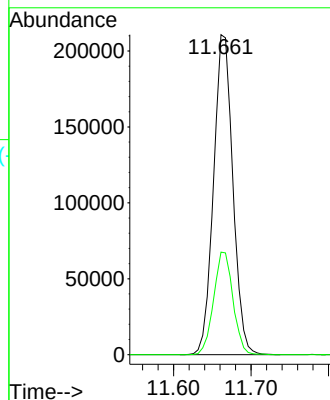
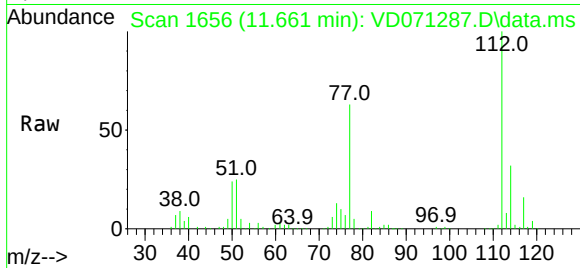




#65
Chlorobenzene
Concen: 55.281 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

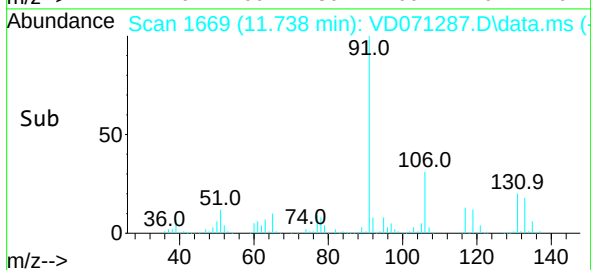
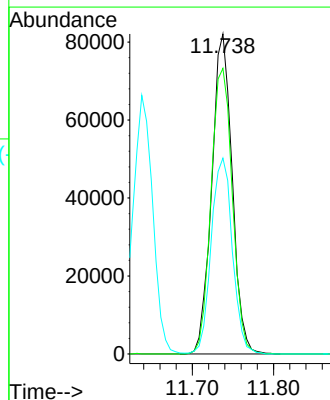
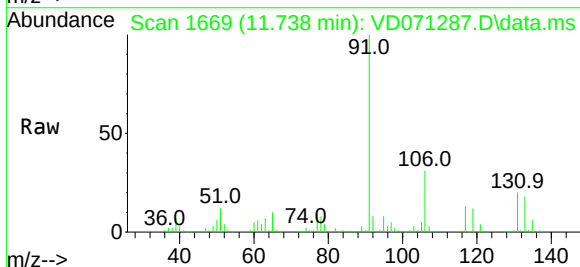
Instrument :
MSVOA_D
ClientSampleId :

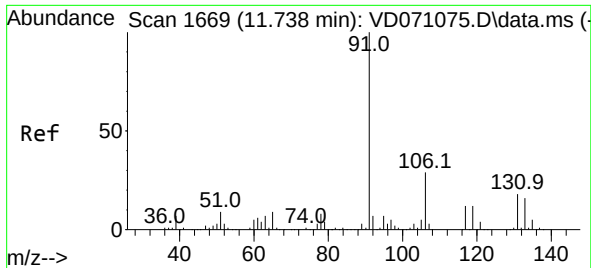
Tgt Ion:112 Resp: 364978
Ion Ratio Lower Upper
112 100
114 32.0 26.0 39.0



#66
1,1,1,2-Tetrachloroethane
Concen: 59.548 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:131 Resp: 143549
Ion Ratio Lower Upper
131 100
133 93.0 48.0 144.0
119 63.4 33.5 100.4

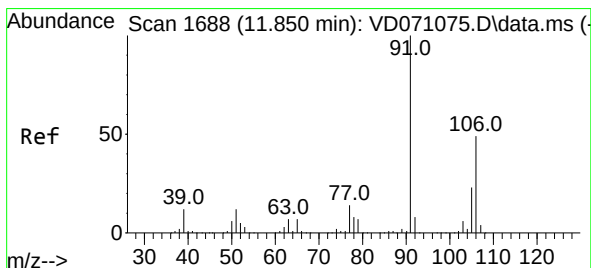
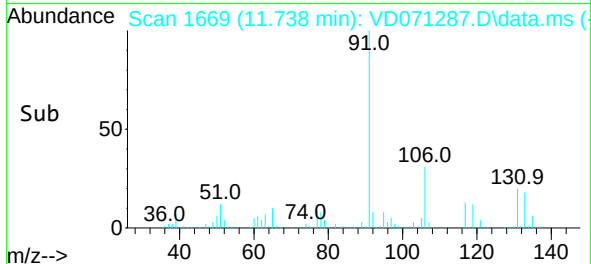
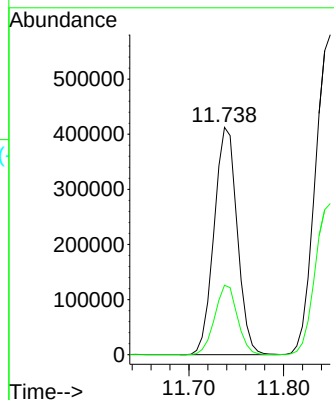
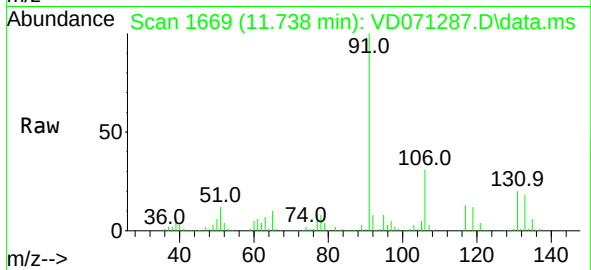




#67
Ethyl Benzene
Concen: 56.345 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

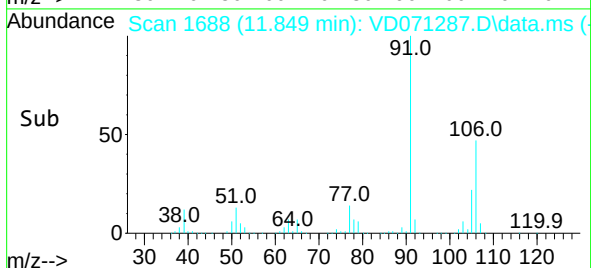
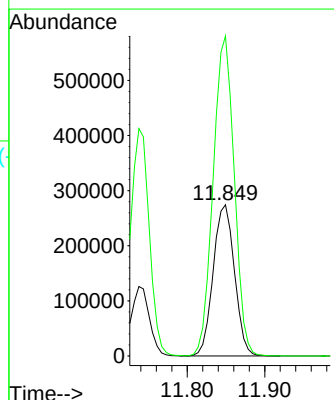
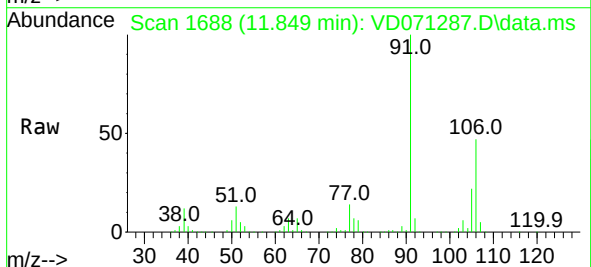
Instrument :
MSVOA_D
ClientSampleId :

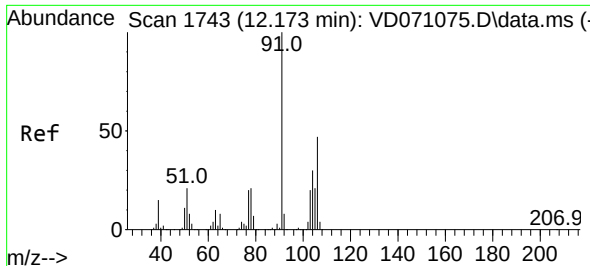
Tgt Ion: 91 Resp: 700300
Ion Ratio Lower Upper
91 100
106 30.5 24.6 36.8



#68
m/p-Xylenes
Concen: 111.633 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:106 Resp: 523820
Ion Ratio Lower Upper
106 100
91 209.5 160.1 240.1

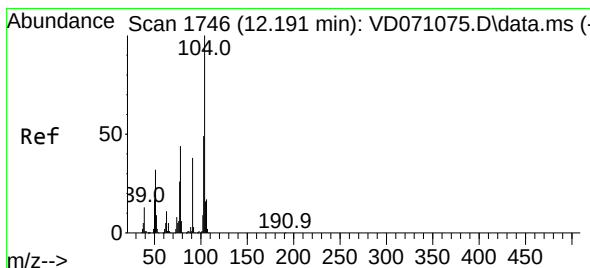
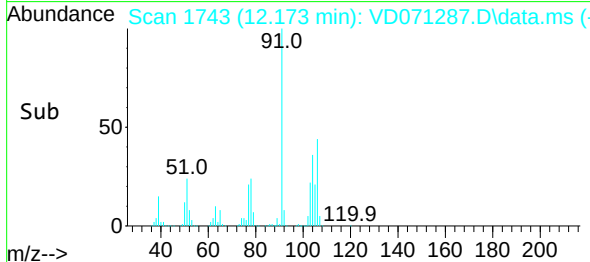
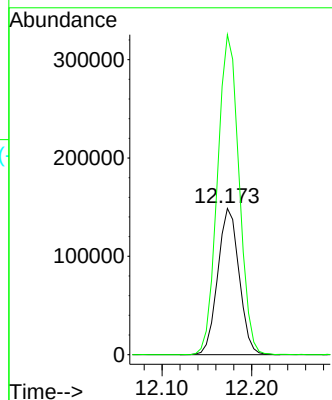
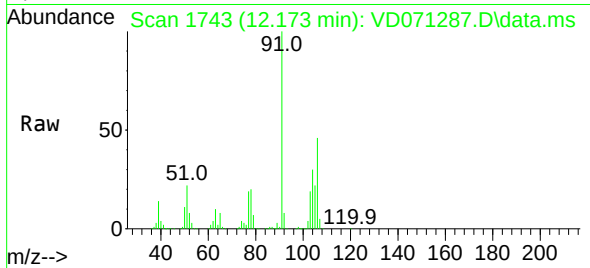




#69
o-Xylene
Concen: 55.722 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

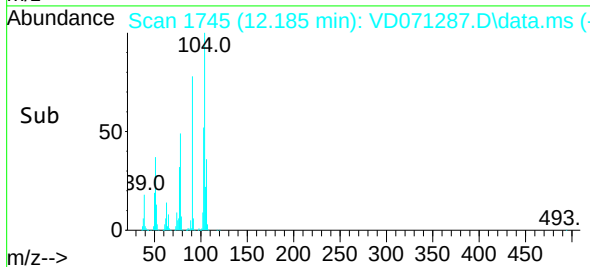
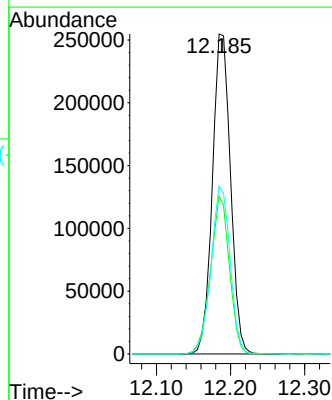
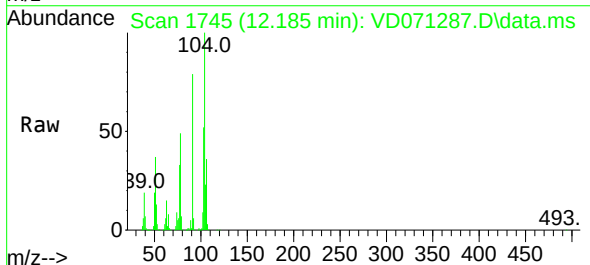
Instrument :
MSVOA_D
ClientSampleId :

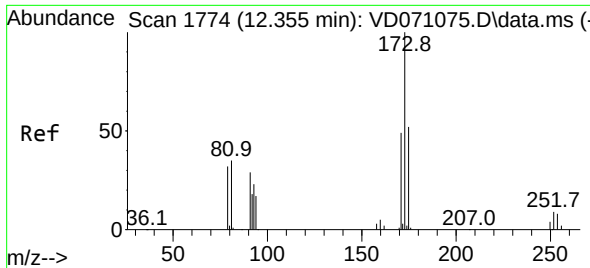
Tgt Ion:106 Resp: 245745
Ion Ratio Lower Upper
106 100
91 221.6 106.3 319.0



#70
Styrene
Concen: 58.263 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:104 Resp: 433061
Ion Ratio Lower Upper
104 100
78 51.5 39.4 59.0
103 55.1 43.4 65.0

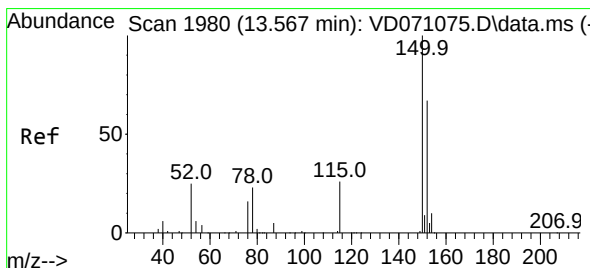
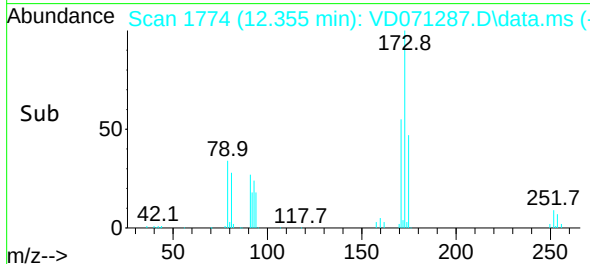
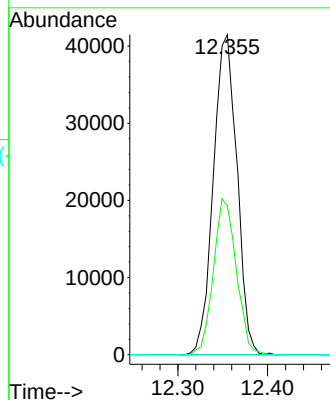
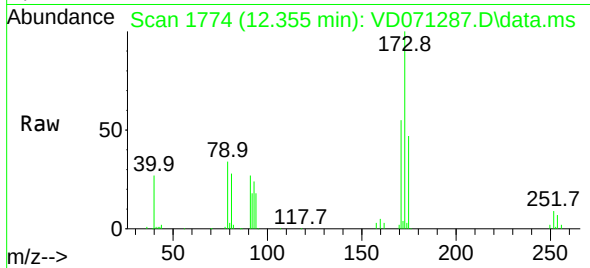




#71
Bromoform
Concen: 60.596 ug/l
RT: 12.355 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

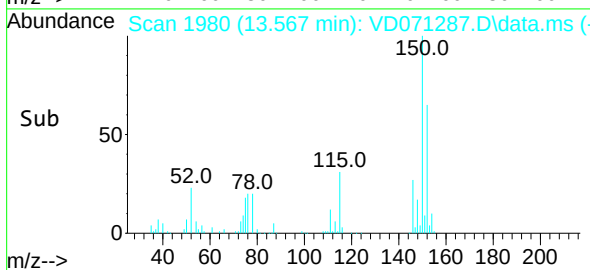
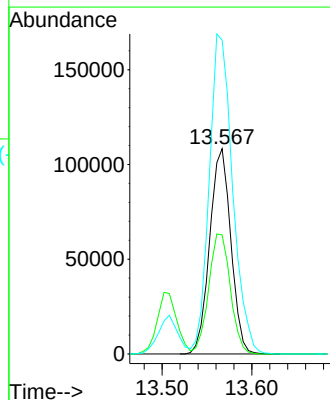
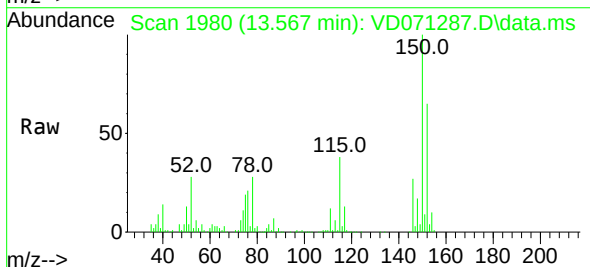
Instrument :
MSVOA_D
ClientSampleId :

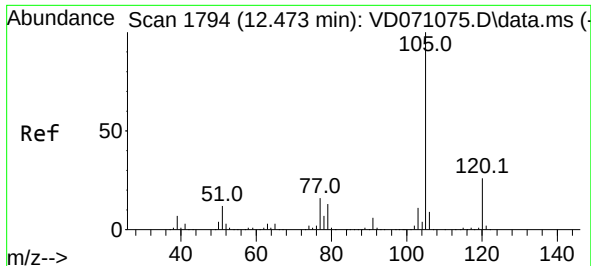
Tgt Ion:173 Resp: 75676
Ion Ratio Lower Upper
173 100
175 47.3 24.1 72.2
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:152 Resp: 177507
Ion Ratio Lower Upper
152 100
115 59.9 29.8 89.3
150 171.8 0.0 349.2

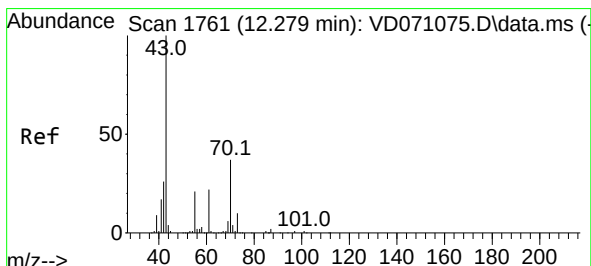
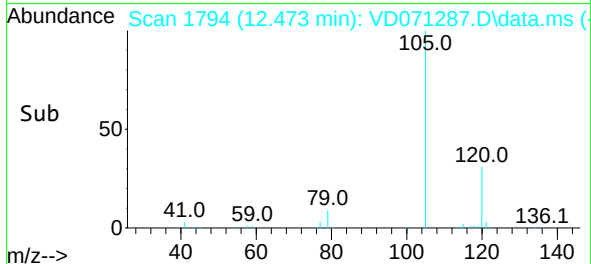
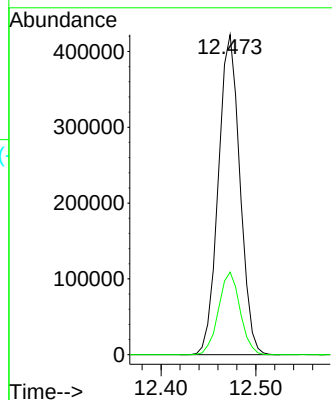
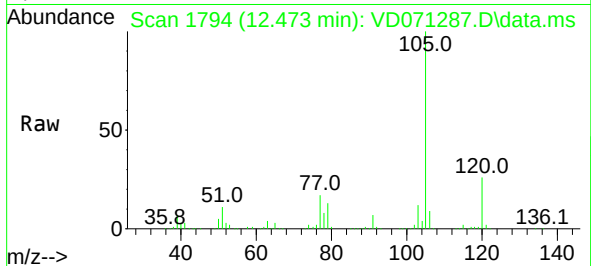




#73
Isopropylbenzene
Concen: 52.015 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

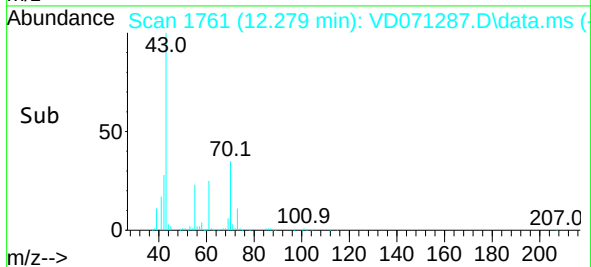
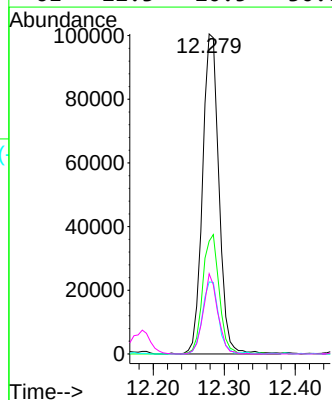
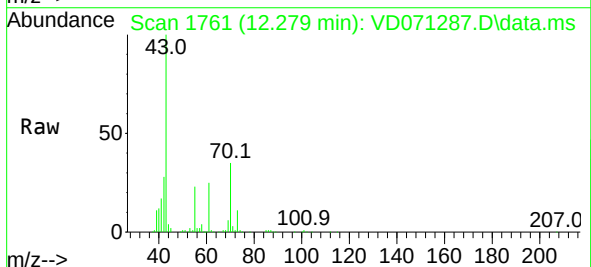
Instrument :
MSVOA_D
ClientSampleId :

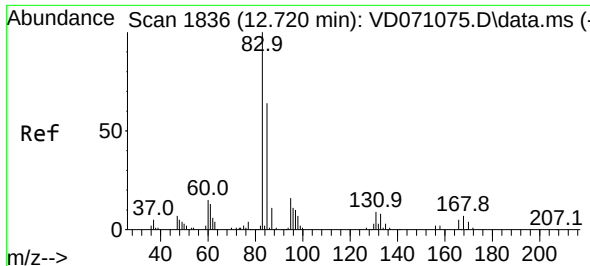
Tgt Ion:105 Resp: 668547
Ion Ratio Lower Upper
105 100
120 25.8 13.2 39.5



#74
N-ethyl acetate
Concen: 46.471 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 43 Resp: 161930
Ion Ratio Lower Upper
43 100
70 37.2 36.6 55.0
55 22.2 22.5 33.7#
61 22.3 20.5 30.7

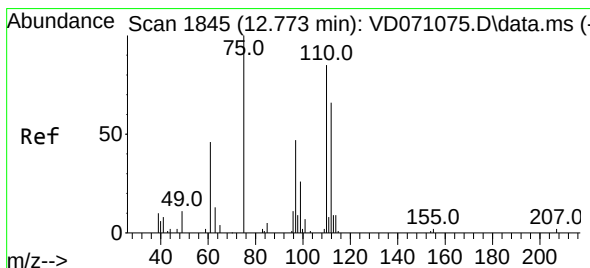
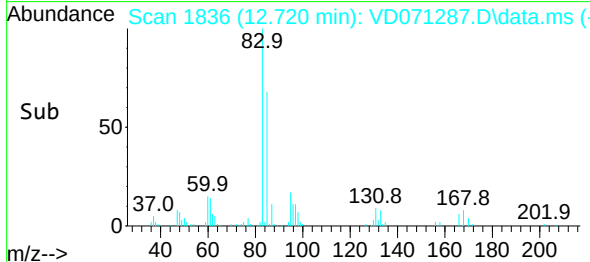
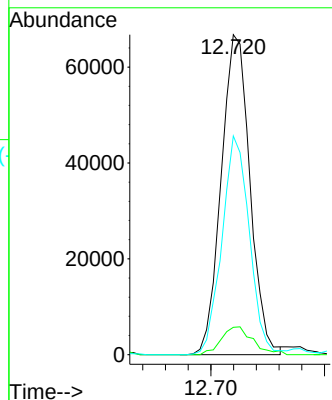
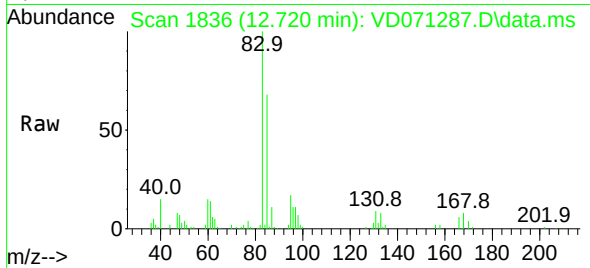




#75
1,1,2,2-Tetrachloroethane
Concen: 55.441 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

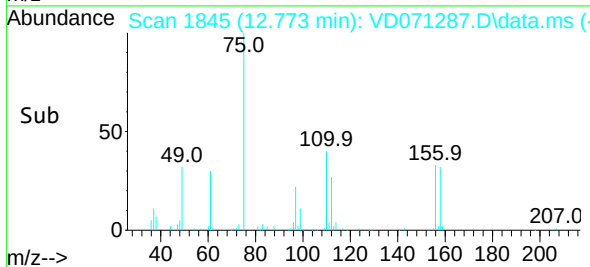
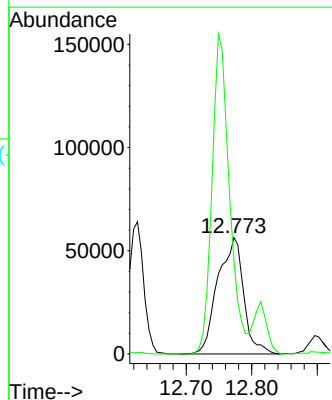
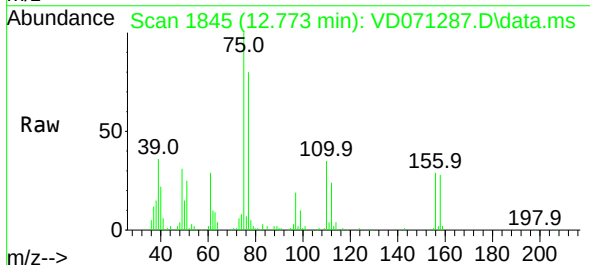
Instrument :
MSVOA_D
ClientSampleId :

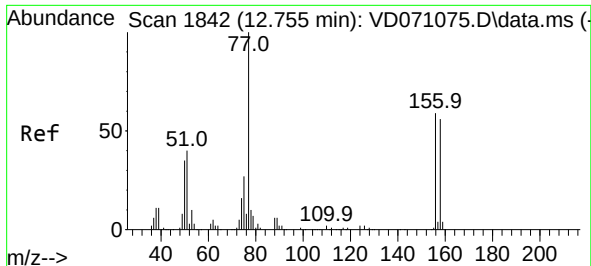
Tgt Ion: 83 Resp: 117347
Ion Ratio Lower Upper
83 100
131 9.6 4.9 14.7
85 65.4 32.0 96.2



#76
1,2,3-Trichloropropane
Concen: 91.377 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 75 Resp: 154537
Ion Ratio Lower Upper
75 100
77 0.0 158.4 475.3#

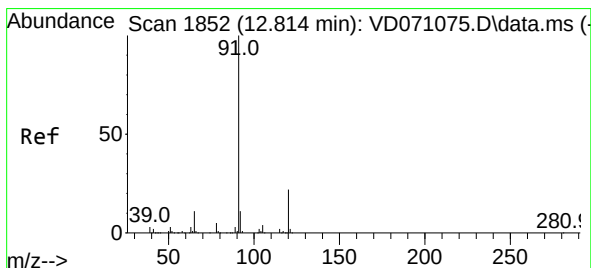
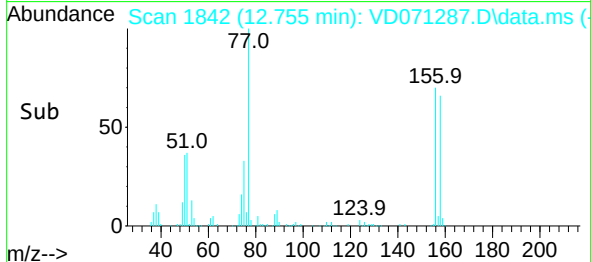
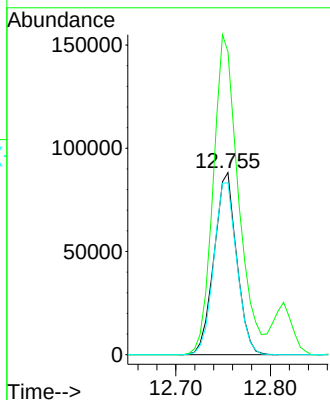
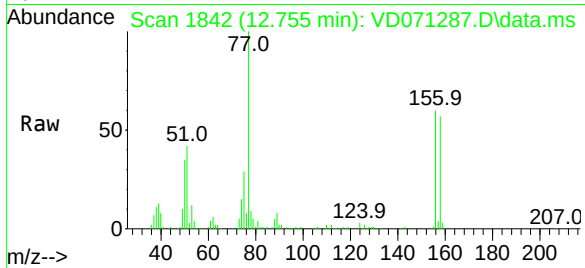




#77
Bromobenzene
Concen: 52.627 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. 0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

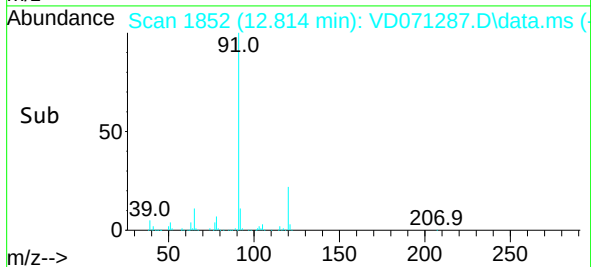
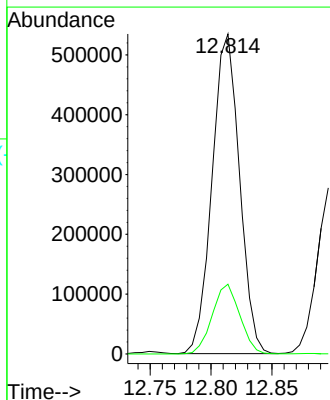
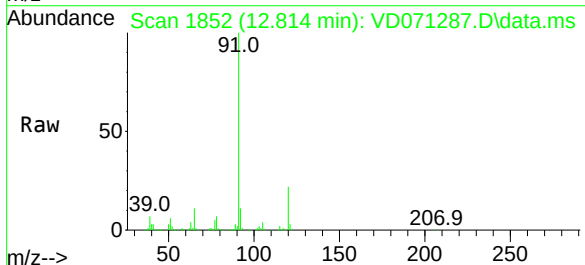
Instrument :
MSVOA_D
ClientSampleId :

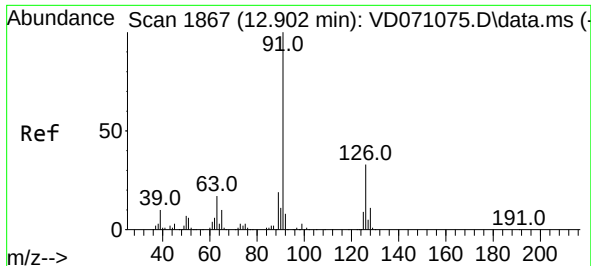
Tgt Ion:156 Resp: 146511
Ion Ratio Lower Upper
156 100
77 194.3 96.6 289.8
158 96.4 49.1 147.4



#78
n-propylbenzene
Concen: 52.320 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 91 Resp: 837455
Ion Ratio Lower Upper
91 100
120 22.0 10.9 32.9





#79

2-Chlorotoluene

Concen: 51.570 ug/l

RT: 12.896 min Scan# 1866

Delta R.T. -0.006 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

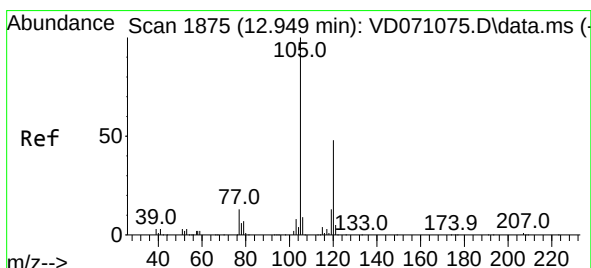
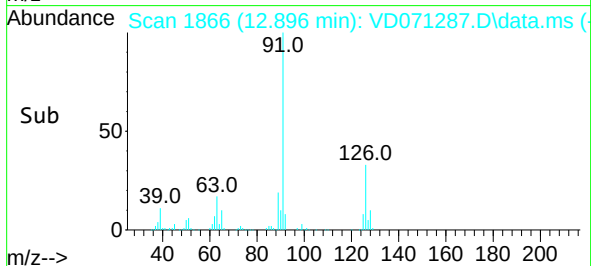
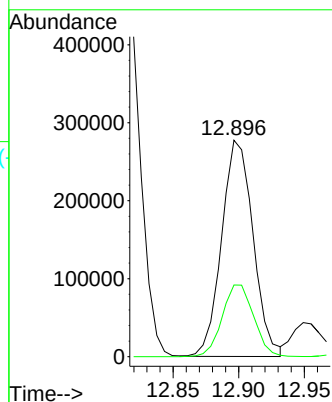
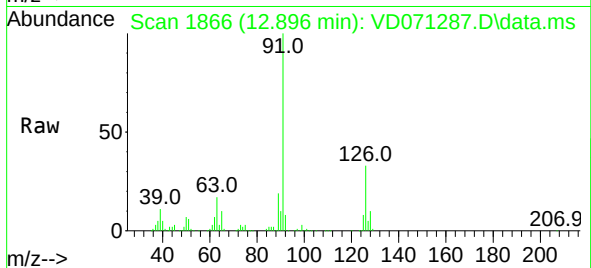
ClientSampleId :

Tgt Ion: 91 Resp: 463286

Ion Ratio Lower Upper

91 100

126 33.3 16.6 49.7



#80

1,3,5-Trimethylbenzene

Concen: 53.251 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. 0.000 min

Lab File: VD071287.D

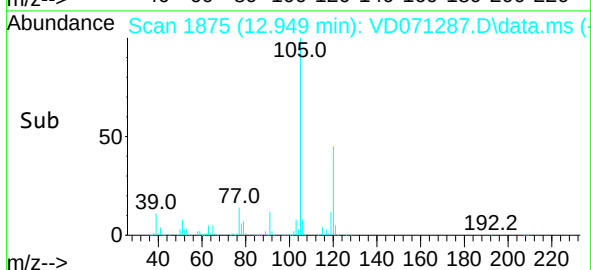
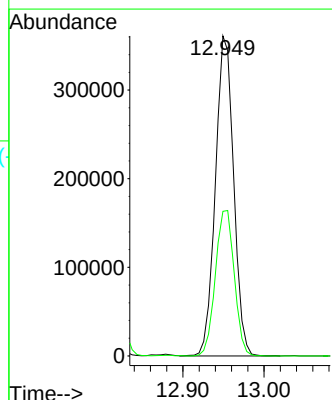
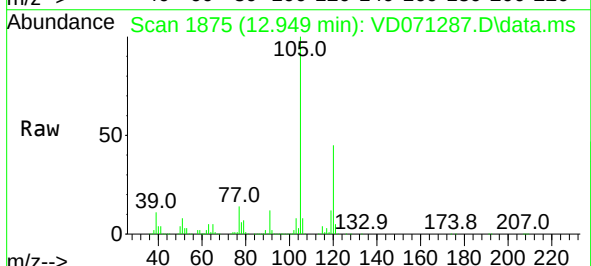
Acq: 13 Dec 2021 09:13

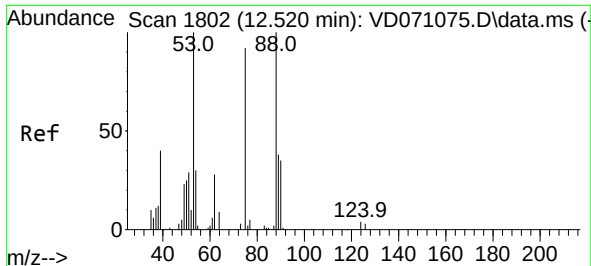
Tgt Ion:105 Resp: 564393

Ion Ratio Lower Upper

105 100

120 47.2 24.6 73.8

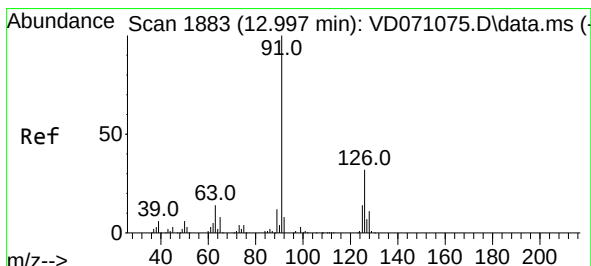
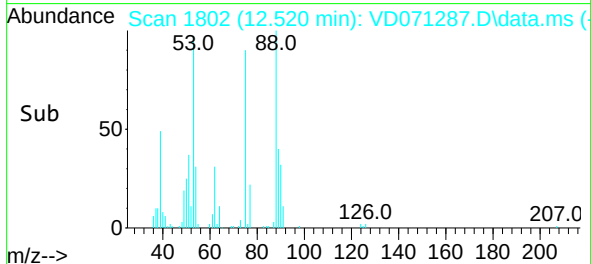
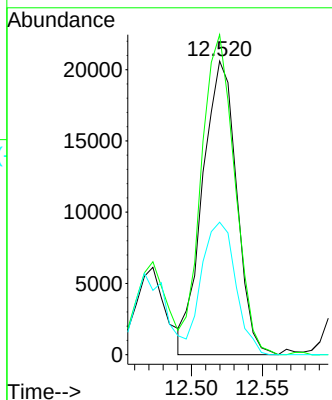
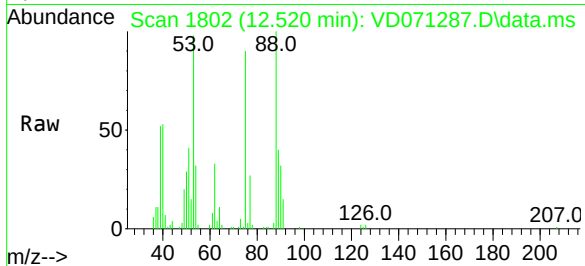




#81
trans-1,4-Dichloro-2-butene
Concen: 47.754 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

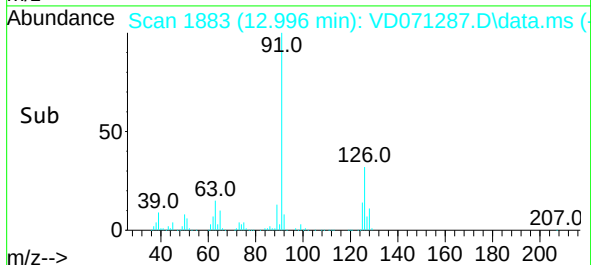
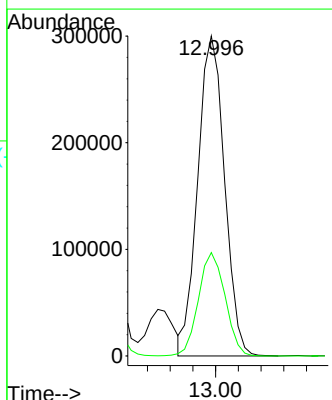
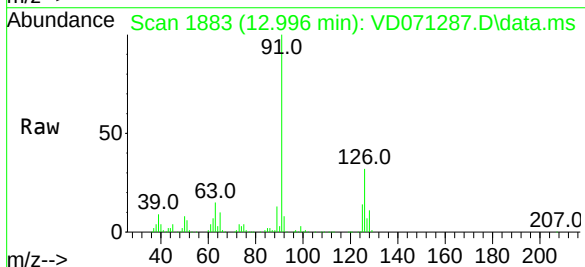
Instrument :
MSVOA_D
ClientSampleId :

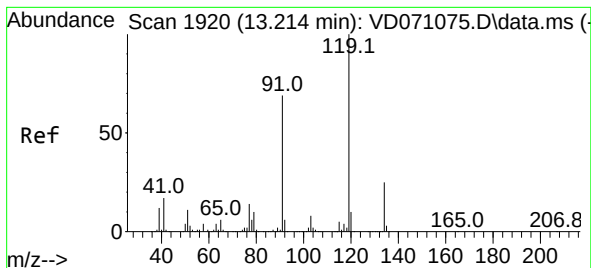
Tgt Ion: 75 Resp: 34318
Ion Ratio Lower Upper
75 100
53 107.2 62.6 94.0#
89 44.8 34.5 51.7



#82
4-Chlorotoluene
Concen: 52.684 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.001 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 91 Resp: 491354
Ion Ratio Lower Upper
91 100
126 32.2 16.4 49.1

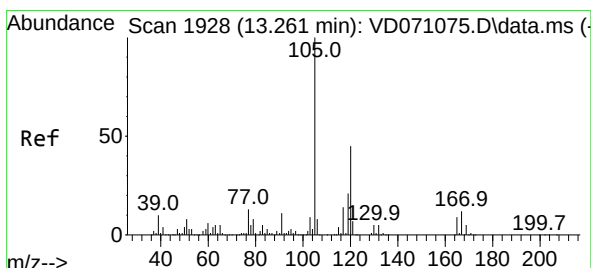
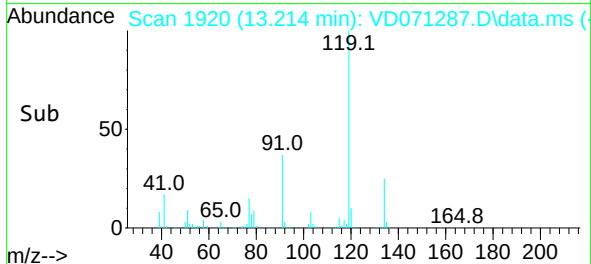
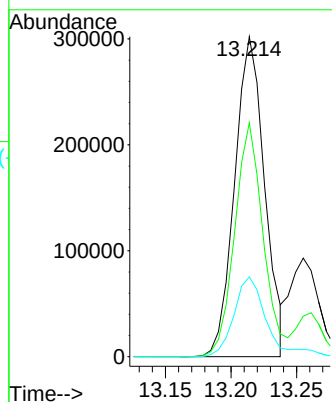
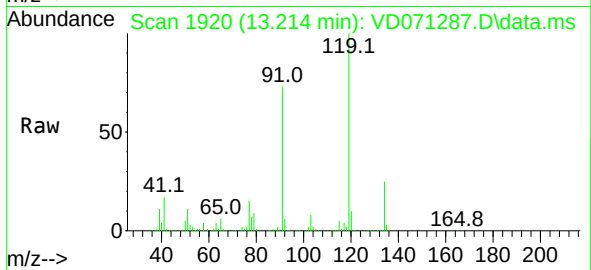




#83
tert-Butylbenzene
Concen: 52.844 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

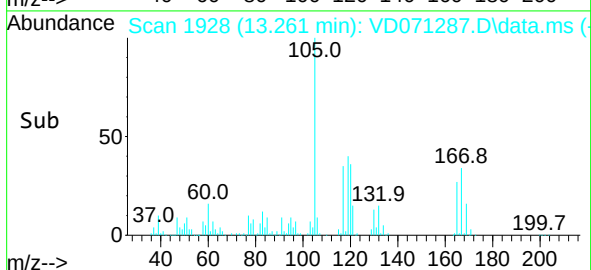
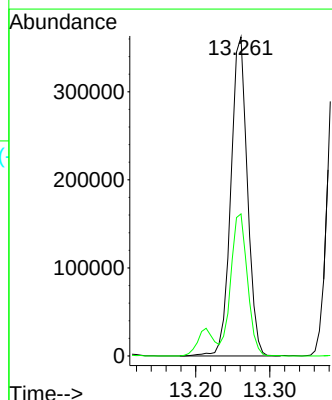
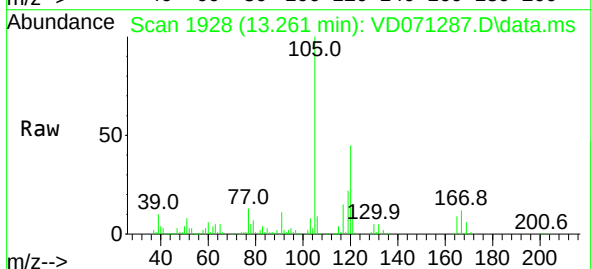
Instrument :
MSVOA_D
ClientSampleId :

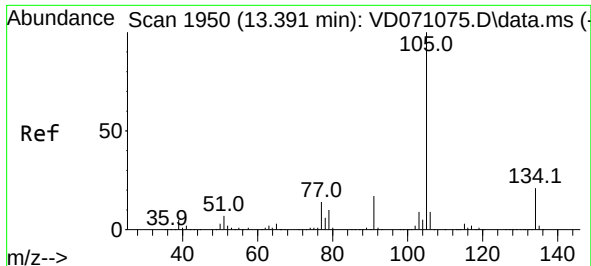
Tgt Ion:119 Resp: 480997
Ion Ratio Lower Upper
119 100
91 69.5 32.5 97.5
134 27.1 13.2 39.6



#84
1,2,4-Trimethylbenzene
Concen: 54.210 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:105 Resp: 560947
Ion Ratio Lower Upper
105 100
120 44.7 22.9 68.7

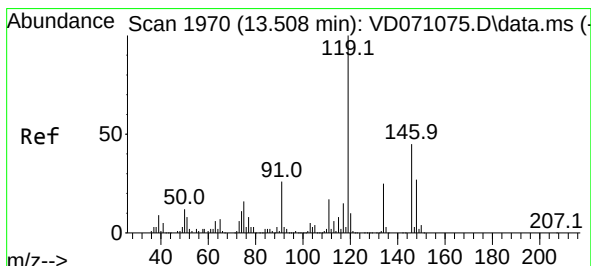
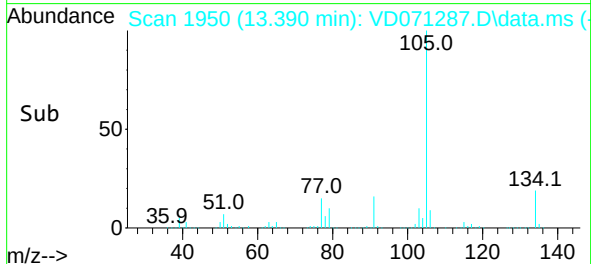
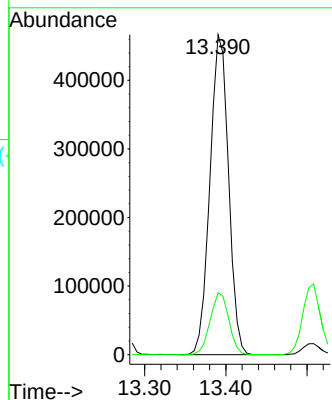
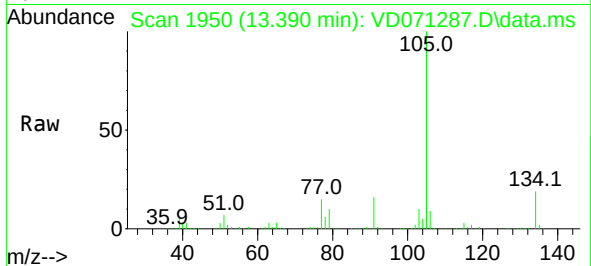




#85
 sec-Butylbenzene
 Concen: 53.243 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.001 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

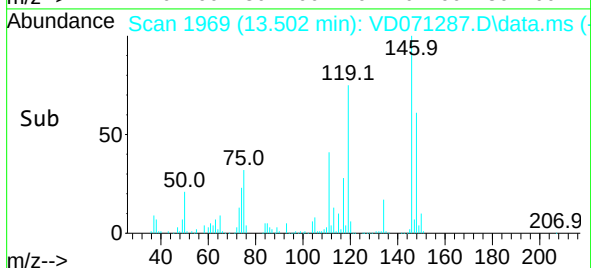
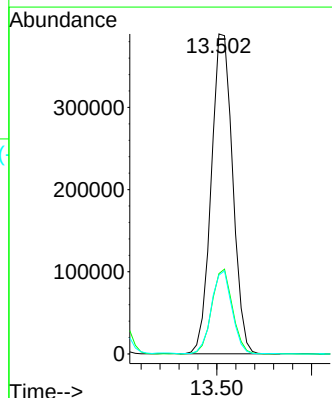
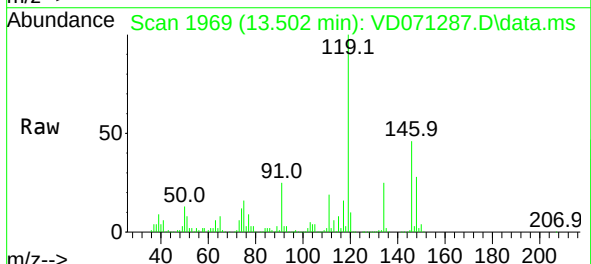
Instrument :
 MSVOA_D
 ClientSampleId :

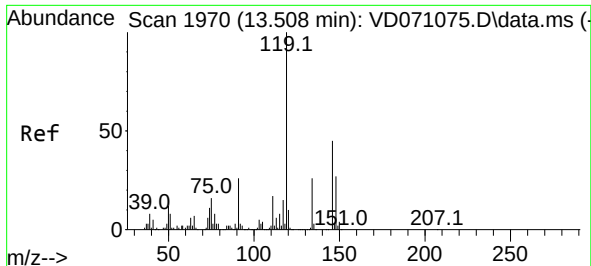
Tgt Ion:105 Resp: 740197
 Ion Ratio Lower Upper
 105 100
 134 19.5 9.7 28.9



#86
 p-Isopropyltoluene
 Concen: 53.809 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.006 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

Tgt Ion:119 Resp: 611845
 Ion Ratio Lower Upper
 119 100
 134 25.7 13.0 38.9
 91 25.2 11.4 34.2





#87

1,3-Dichlorobenzene

Concen: 55.048 ug/l

RT: 13.508 min Scan# 1970

Delta R.T. 0.000 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

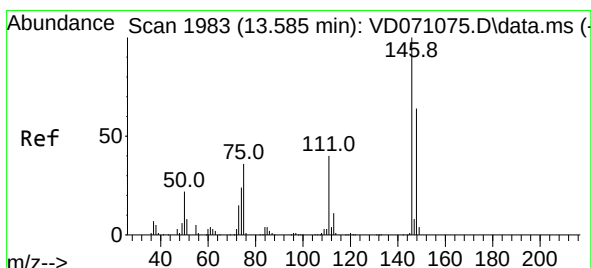
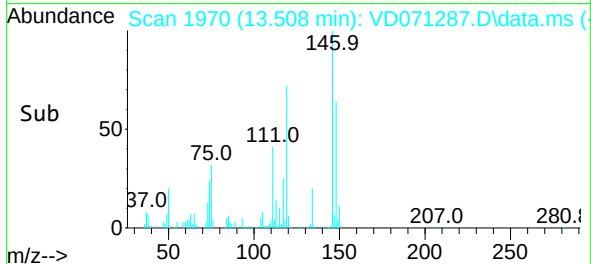
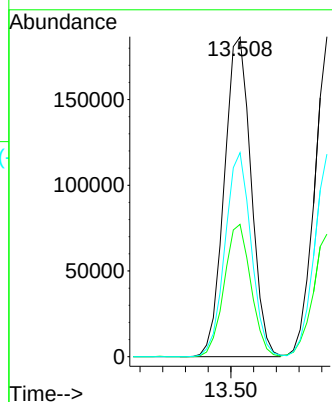
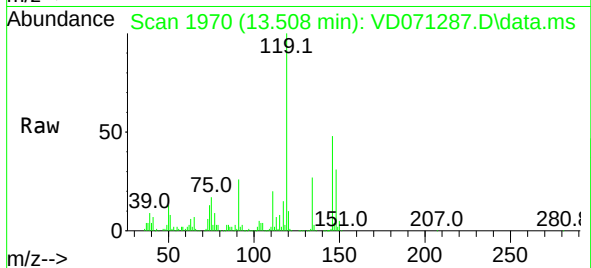
Tgt Ion:146 Resp: 305069

Ion Ratio Lower Upper

146 100

111 41.3 19.8 59.4

148 62.4 32.1 96.3



#88

1,4-Dichlorobenzene

Concen: 53.912 ug/l

RT: 13.584 min Scan# 1983

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

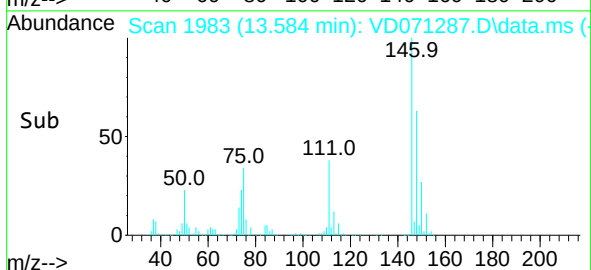
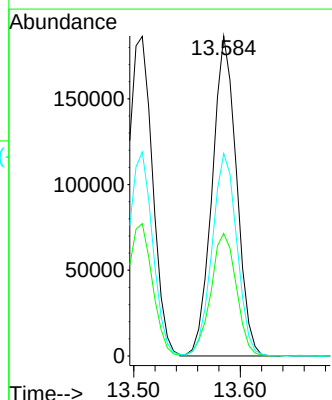
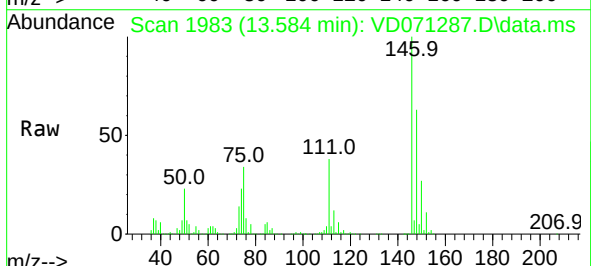
Tgt Ion:146 Resp: 296007

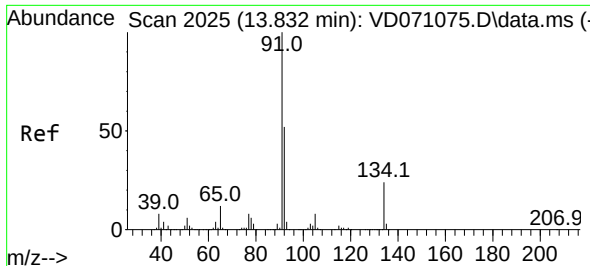
Ion Ratio Lower Upper

146 100

111 40.1 19.6 58.8

148 64.4 31.5 94.5

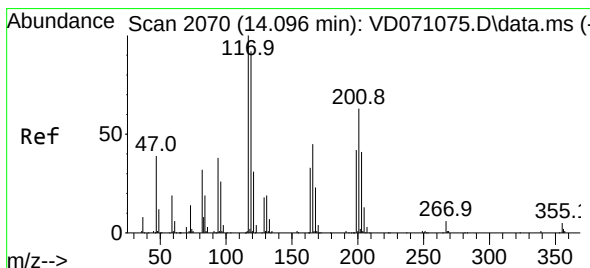
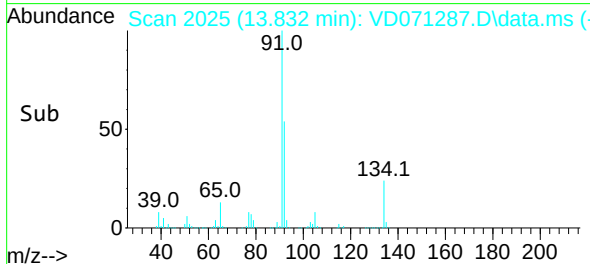
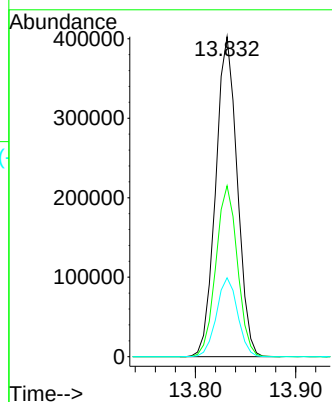
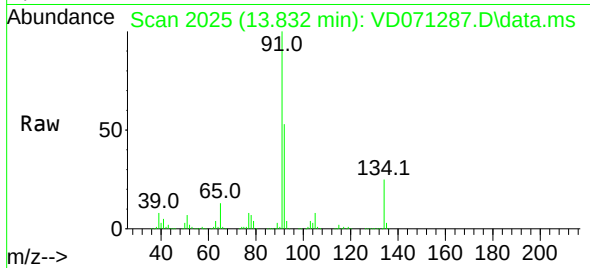




#89
n-Butylbenzene
Concen: 54.011 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

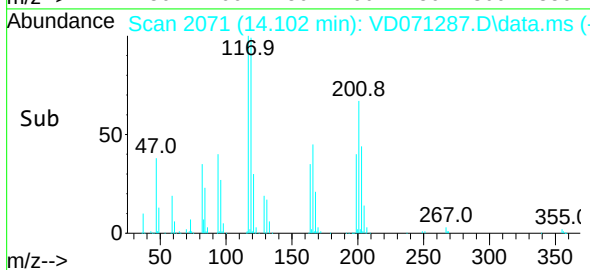
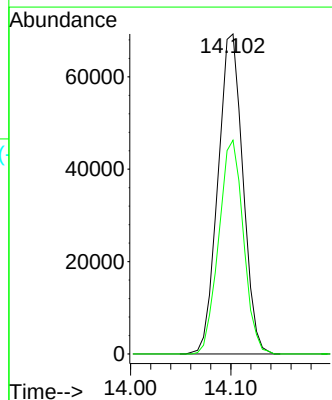
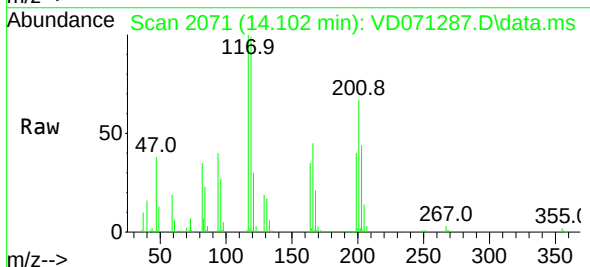
Instrument :
MSVOA_D
ClientSampleId :

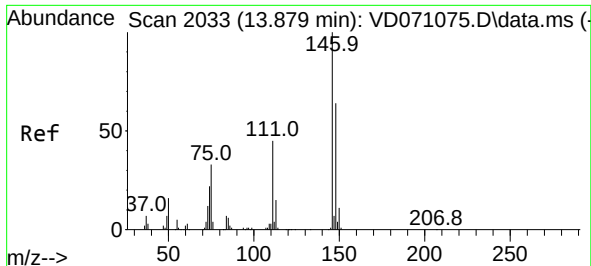
Tgt Ion: 91 Resp: 599511
Ion Ratio Lower Upper
91 100
92 53.3 27.3 81.9
134 24.2 12.3 36.9



#90
Hexachloroethane
Concen: 55.514 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion: 117 Resp: 119659
Ion Ratio Lower Upper
117 100
201 66.1 36.0 108.1

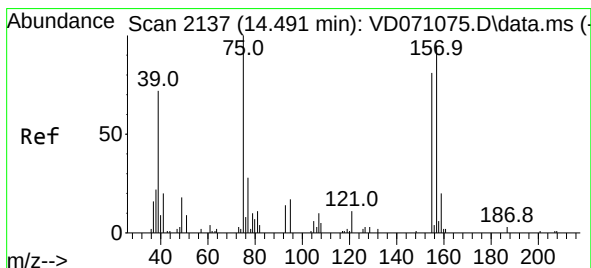
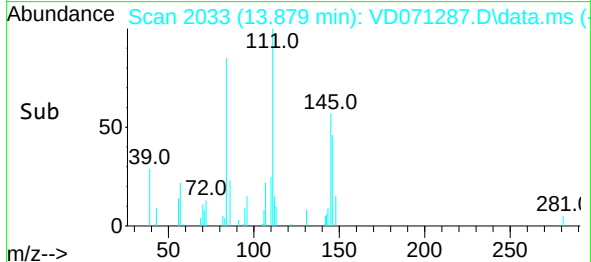
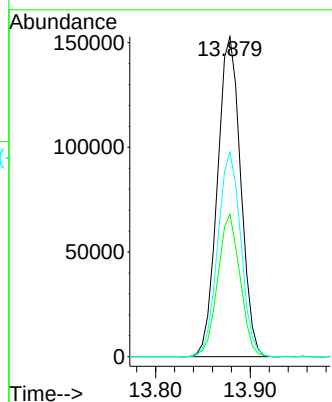
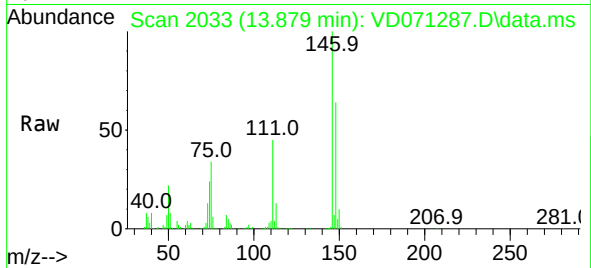




#91
 1,2-Dichlorobenzene
 Concen: 55.402 ug/l
 RT: 13.879 min Scan# 2033
 Delta R.T. -0.000 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

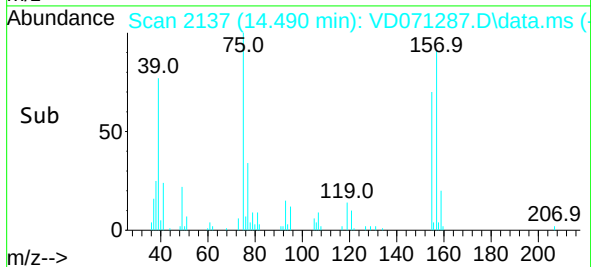
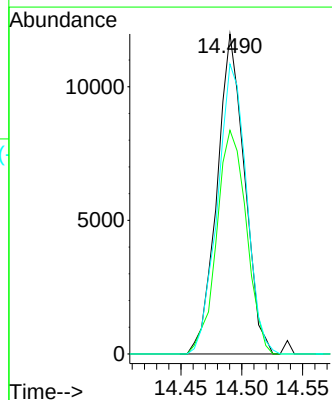
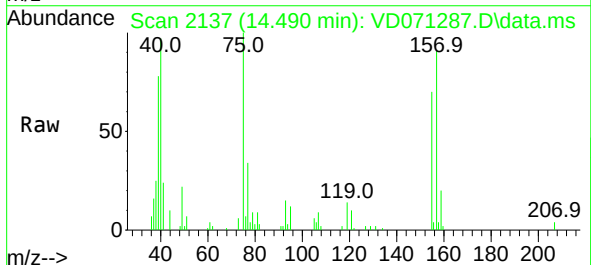
Instrument :
 MSVOA_D
 ClientSampleId :

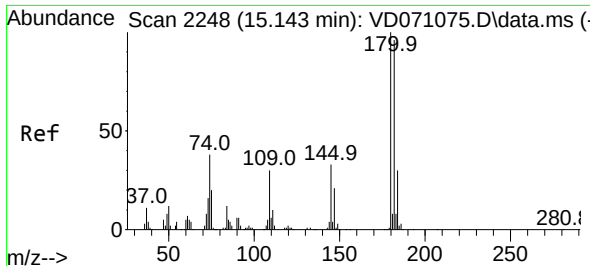
Tgt Ion:146 Resp: 261098
 Ion Ratio Lower Upper
 146 100
 111 42.8 20.8 62.2
 148 63.4 31.7 95.1



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 54.599 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. -0.001 min
 Lab File: VD071287.D
 Acq: 13 Dec 2021 09:13

Tgt Ion: 75 Resp: 18820
 Ion Ratio Lower Upper
 75 100
 155 75.6 40.0 120.0
 157 95.3 49.8 149.3

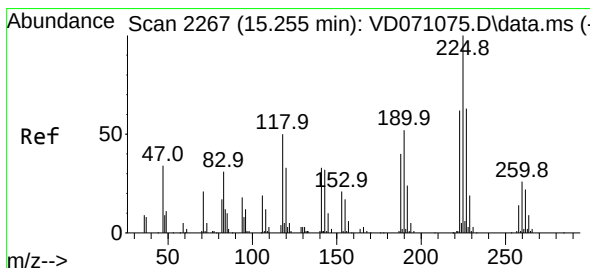
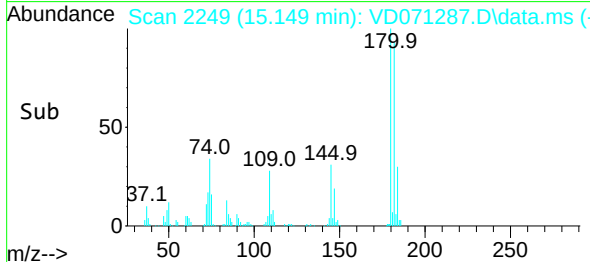
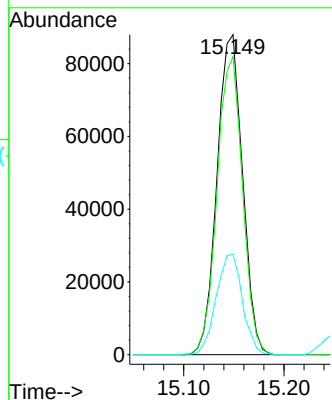
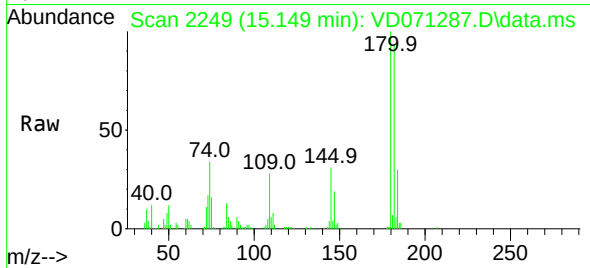




#93
1,2,4-Trichlorobenzene
Concen: 52.954 ug/l
RT: 15.149 min Scan# 2248
Delta R.T. 0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

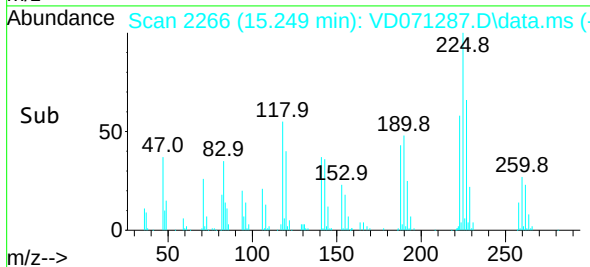
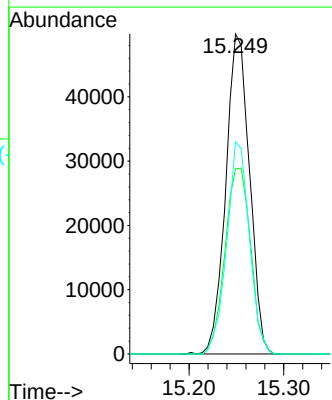
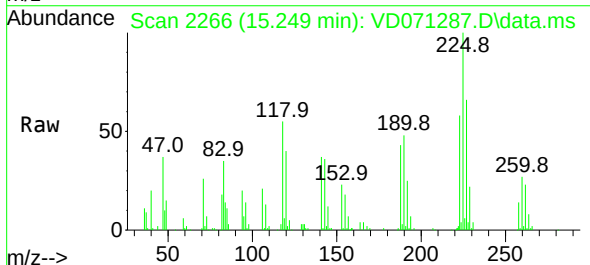
Instrument :
MSVOA_D
ClientSampleId :

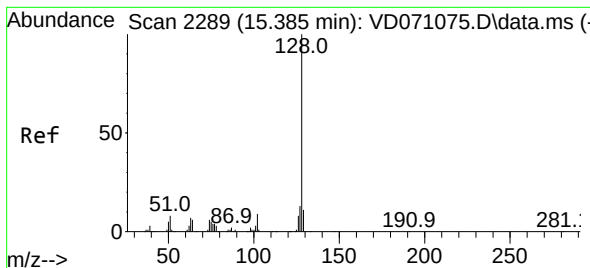
Tgt Ion:180 Resp: 155671
Ion Ratio Lower Upper
180 100
182 92.6 48.2 144.6
145 32.2 15.4 46.2



#94
Hexachlorobutadiene
Concen: 52.067 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD071287.D
Acq: 13 Dec 2021 09:13

Tgt Ion:225 Resp: 86603
Ion Ratio Lower Upper
225 100
223 62.5 31.8 95.3
227 63.5 31.6 94.8





#95

Naphthalene

Concen: 54.032 ug/l

RT: 15.384 min Scan# 21

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Instrument :

MSVOA_D

ClientSampleId :

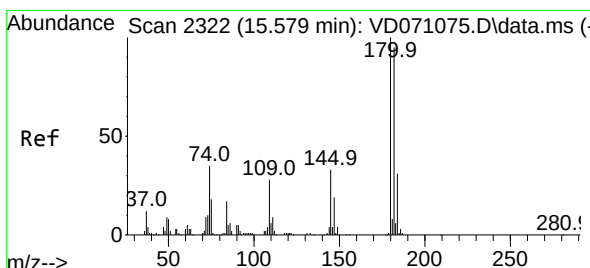
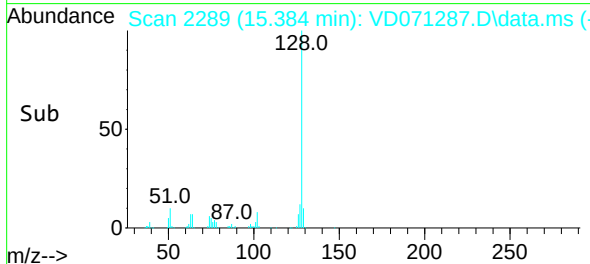
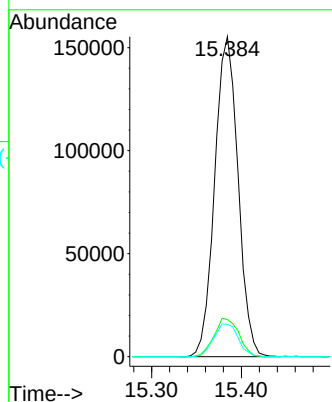
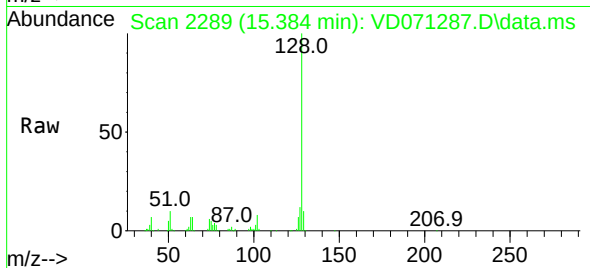
Tgt Ion:128 Resp: 280005

Ion Ratio Lower Upper

128 100

127 12.8 10.7 16.1

129 10.8 8.7 13.1



#96

1,2,3-Trichlorobenzene

Concen: 52.254 ug/l

RT: 15.579 min Scan# 2322

Delta R.T. -0.001 min

Lab File: VD071287.D

Acq: 13 Dec 2021 09:13

Tgt Ion:180 Resp: 130469

Ion Ratio Lower Upper

180 100

182 95.0 46.7 140.1

145 34.2 15.9 47.6

