

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071521\
 Data File : VD069707.D
 Acq On : 15 Jul 2021 15:09
 Operator : VA/SY
 Sample : M3023-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jul 16 02:02:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071321S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 14 06:00:31 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	9154	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.856	114	15158	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	17448	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	7336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.314	65	7654	66.964	ug/l	-0.01
Spiked Amount 50.000	Range 50	- 163	Recovery	=	133.920%	
35) Dibromofluoromethane	7.914	113	4942	48.598	ug/l	0.00
Spiked Amount 50.000	Range 54	- 147	Recovery	=	97.200%	
50) Toluene-d8	10.332	98	19591	49.588	ug/l	0.00
Spiked Amount 50.000	Range 49	- 140	Recovery	=	99.180%	
62) 4-Bromofluorobenzene	12.620	95	7163	54.364	ug/l	0.00
Spiked Amount 50.000	Range 25	- 144	Recovery	=	108.720%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	732	5.406	ug/l	95
4) Vinyl Chloride	2.356	62	437	3.138	ug/l #	43
5) Bromomethane	2.815	94	498	4.215	ug/l #	5
7) Trichlorofluoromethane	3.297	101	213	1.213	ug/l #	18
9) 1,1,2-Trichlorotrifluo...	4.103	101	109	1.001	ug/l #	22
10) Methyl Iodide	4.344	142	61	2.978	ug/l #	39
11) Tert butyl alcohol	5.285	59	62	4.060	ug/l #	79
12) 1,1-Dichloroethene	4.073	96	181	1.813	ug/l #	1
13) Acrolein	3.909	56	58	7.360	ug/l #	15
14) Allyl chloride	4.691	41	191	1.238	ug/l #	26
16) Acetone	4.144	43	376	27.278	ug/l #	39
17) Carbon Disulfide	4.426	76	441	1.676	ug/l #	74
18) Methyl Acetate	4.732	43	55	Below Cal	#	49
19) Methyl tert-butyl Ether	5.462	73	296	1.401	ug/l #	53
20) Methylene Chloride	4.956	84	1505	4.872	ug/l #	37
21) trans-1,2-Dichloroethene	5.462	96	158	1.325	ug/l #	1
23) Vinyl Acetate	6.297	43	56	15.717	ug/l #	72
25) 2-Butanone	7.209	43	74	2.739	ug/l #	47
27) cis-1,2-Dichloroethene	7.220	96	132	1.026	ug/l #	66
29) Tetrahydrofuran	7.550	42	65	3.884	ug/l #	32
31) Cyclohexane	7.991	56	460	2.751	ug/l #	62
36) 1,1-Dichloropropene	8.097	75	231	1.477	ug/l #	68
37) Ethyl Acetate	7.209	43	74	1.251	ug/l #	1
38) Carbon Tetrachloride	7.967	117	475	3.317	ug/l #	13
39) Methylcyclohexane	9.350	83	84	2.390	ug/l #	28
40) Benzene	8.344	78	900	1.995	ug/l #	51
41) Methacrylonitrile	7.567	41	64	2.088	ug/l #	34
44) Trichloroethene	9.108	130	324	2.962	ug/l	1
48) Methyl methacrylate	9.391	41	64	2.216	ug/l #	13
49) 1,4-Dioxane	9.514	88	61	168.315	ug/l #	20
51) 4-Methyl-2-Pentanone	10.226	43	301	5.366	ug/l #	34
52) Toluene	10.403	92	490	1.806	ug/l	98
59) 2-Hexanone	10.979	43	243	6.499	ug/l #	22
60) Dibromochloromethane	10.867	129	412	4.363	ug/l #	10
64) Tetrachloroethene	10.867	164	338	3.172	ug/l #	63
67) Ethyl Benzene	11.738	91	860	1.393	ug/l #	44

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

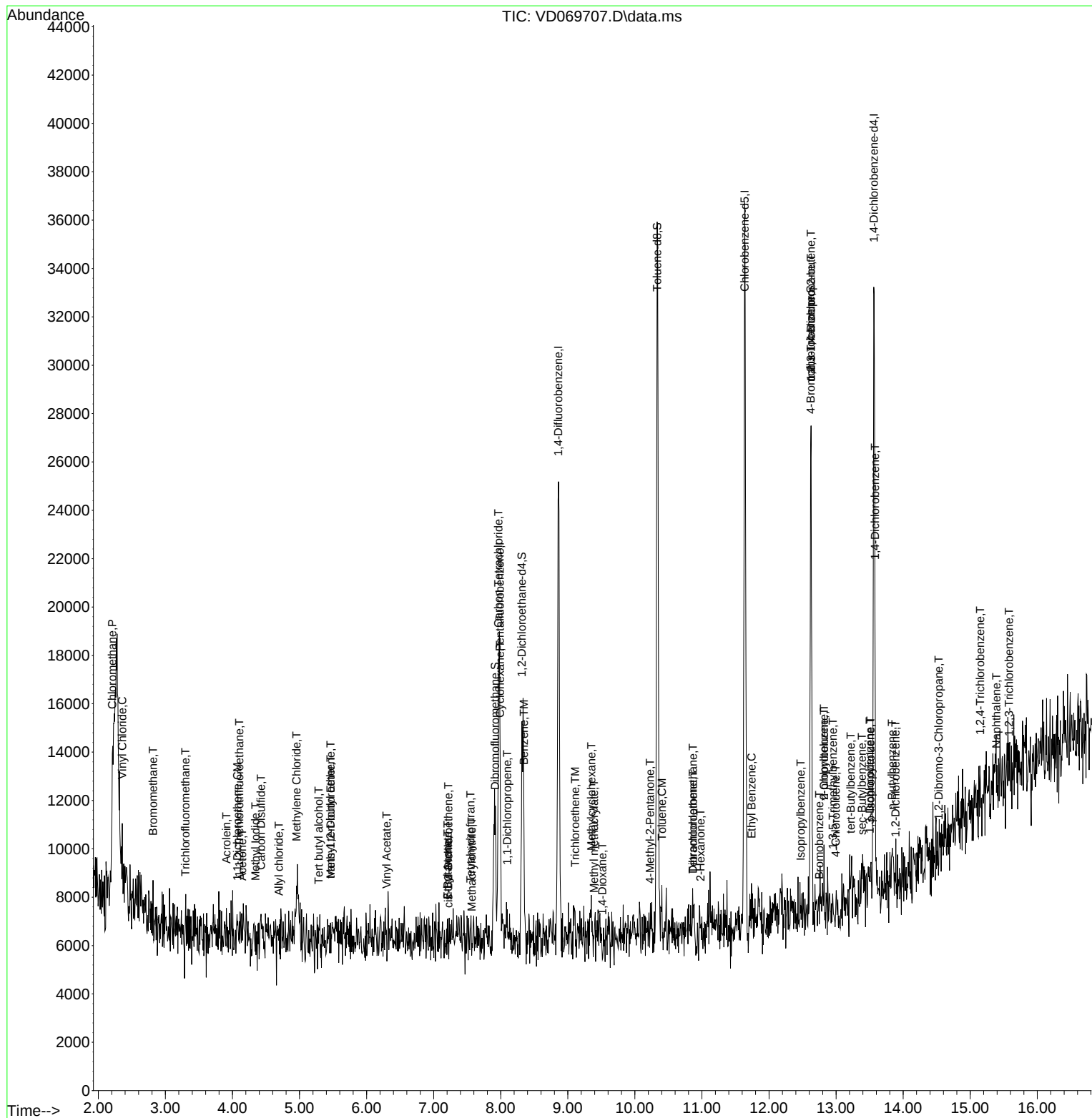
73) Isopropylbenzene	12.473	105	661	1.265	ug/l #	49
76) 1,2,3-Trichloropropane	12.626	75	3016	42.320	ug/l #	100
77) Bromobenzene	12.749	156	230	1.985	ug/l #	39
78) n-propylbenzene	12.820	91	808	1.220	ug/l #	54
79) 2-Chlorotoluene	12.820	91	808	2.075	ug/l #	43
80) 1,3,5-Trimethylbenzene	12.949	105	640	1.445	ug/l #	51
81) trans-1,4-Dichloro-2-b...	12.626	75	3016	113.732	ug/l #	14
82) 4-Chlorotoluene	12.997	91	591	1.446	ug/l #	42
83) tert-Butylbenzene	13.220	119	755	2.090	ug/l #	53
85) sec-Butylbenzene	13.385	105	632	1.113	ug/l #	79
86) p-Isopropyltoluene	13.514	119	922	1.994	ug/l #	65
87) 1,3-Dichlorobenzene	13.502	146	470	1.953	ug/l #	81
88) 1,4-Dichlorobenzene	13.579	146	504	2.097	ug/l #	35
89) n-Butylbenzene	13.832	91	547	1.194	ug/l #	53
91) 1,2-Dichlorobenzene	13.885	146	349	1.682	ug/l #	33
92) 1,2-Dibromo-3-Chloropr...	14.532	75	69	4.452	ug/l #	8
93) 1,2,4-Trichlorobenzene	15.149	180	517	4.481	ug/l #	58
95) Naphthalene	15.391	128	1169	7.020	ug/l #	69
96) 1,2,3-Trichlorobenzene	15.579	180	569	5.742	ug/l #	60

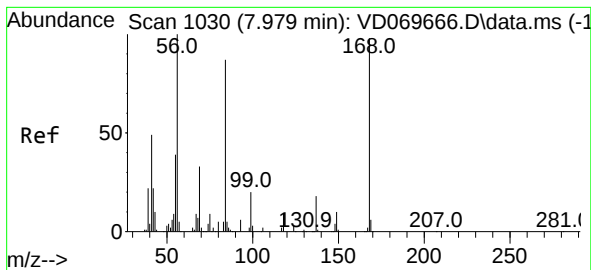
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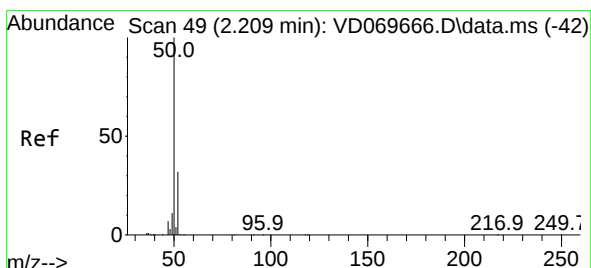
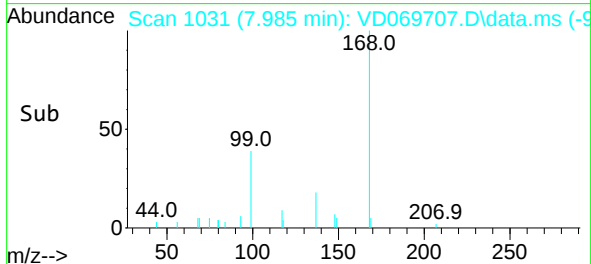
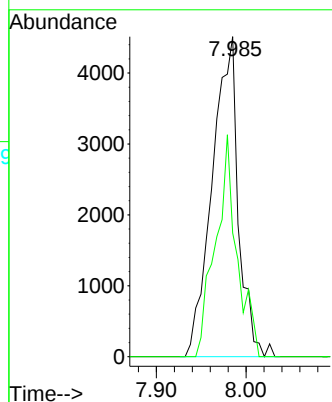
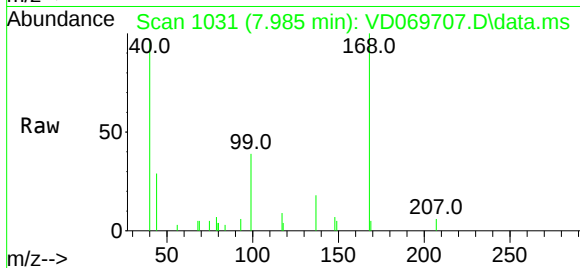




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

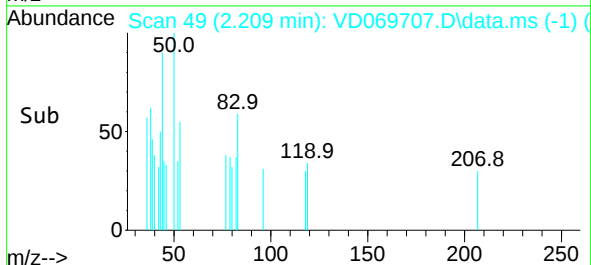
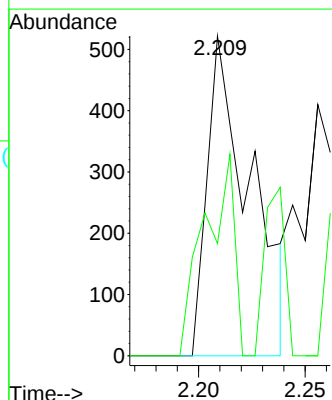
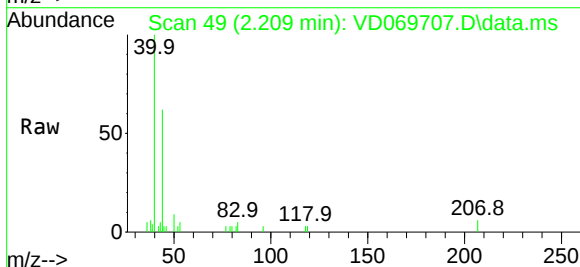
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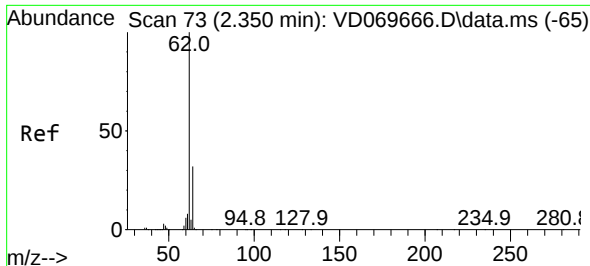
Tgt Ion:168 Resp: 9154
Ion Ratio Lower Upper
168 100
99 38.6 51.8 77.6#



#3
Chloromethane
Concen: 5.406 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 50 Resp: 732
Ion Ratio Lower Upper
50 100
52 35.1 25.9 38.9

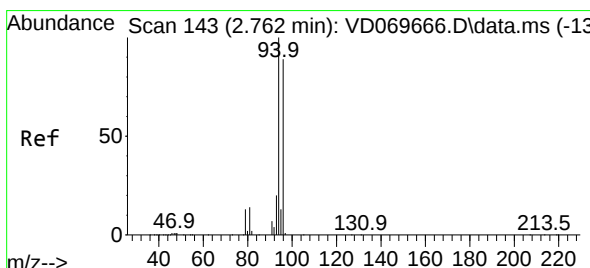
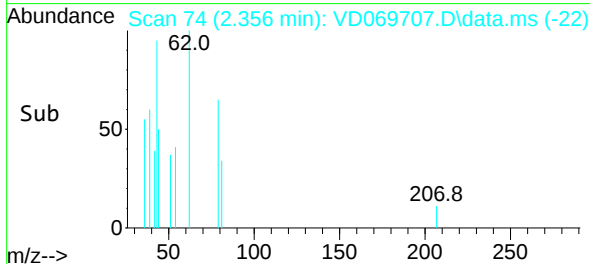
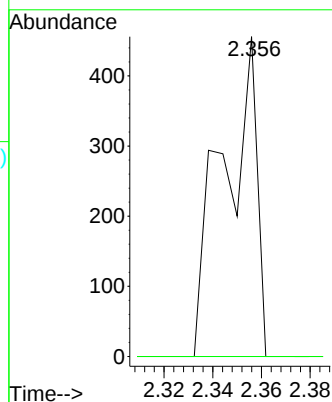
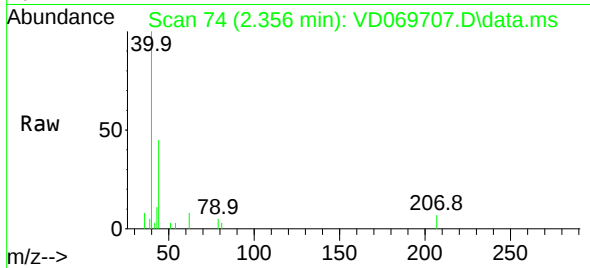




#4
 Vinyl Chloride
 Concen: 3.138 ug/l
 RT: 2.356 min Scan# 74
 Delta R.T. 0.006 min
 Lab File: VD069707.D
 Acq: 15 Jul 2021 15:09

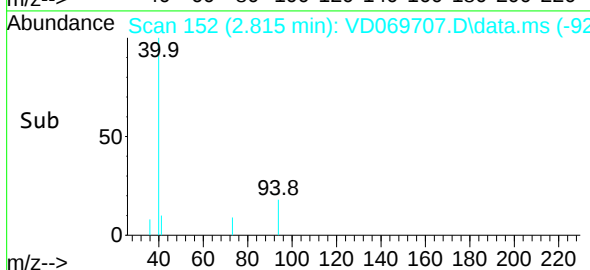
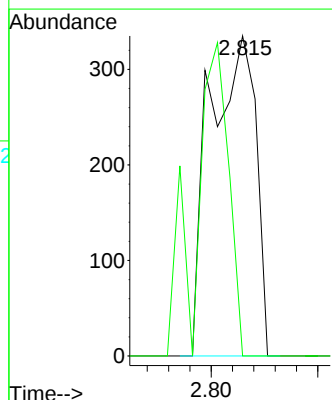
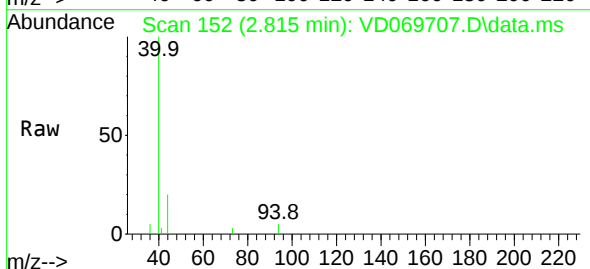
Instrument :
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 ClientSampled :

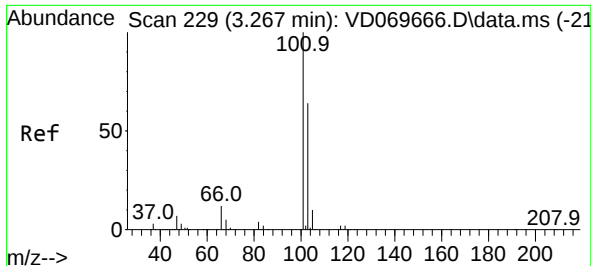
Tgt Ion: 62 Resp: 437
 Ion Ratio Lower Upper
 62 100
 64 0.0 25.6 38.4#



#5
 Bromomethane
 Concen: 4.215 ug/l
 RT: 2.815 min Scan# 152
 Delta R.T. 0.053 min
 Lab File: VD069707.D
 Acq: 15 Jul 2021 15:09

Tgt Ion: 94 Resp: 498
 Ion Ratio Lower Upper
 94 100
 96 0.0 71.2 106.8#

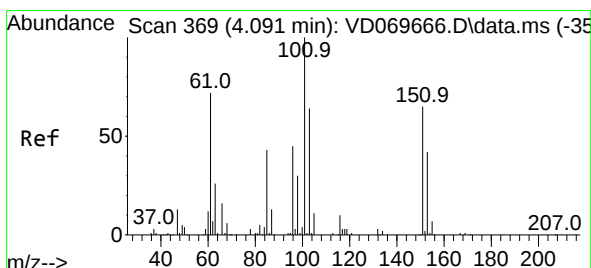
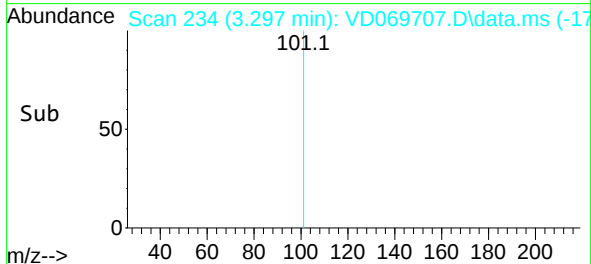
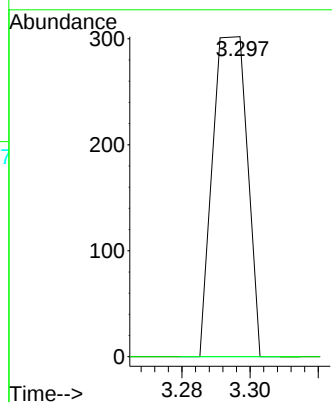
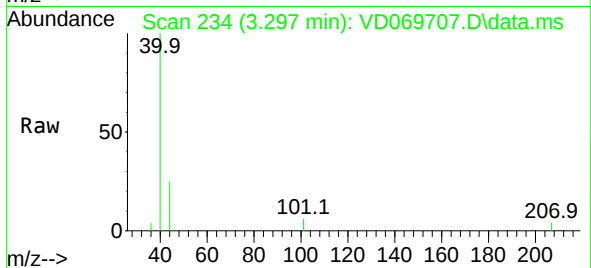




#7
Trichlorofluoromethane
Concen: 1.213 ug/l
RT: 3.297 min Scan# 234
Delta R.T. 0.030 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

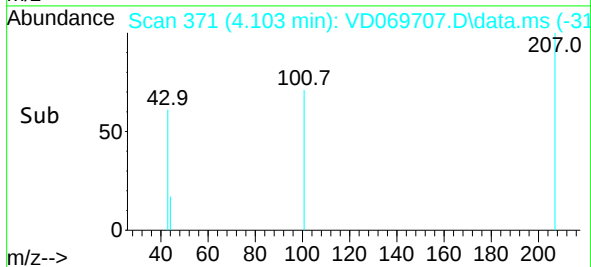
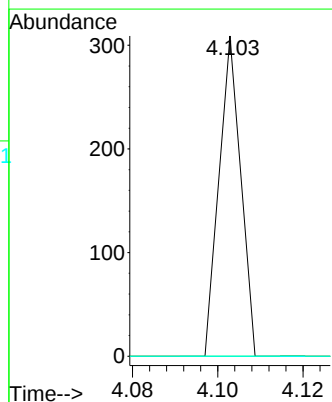
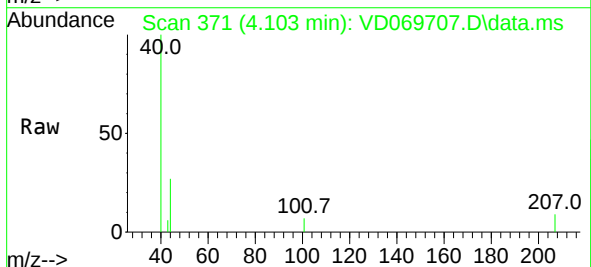
Instrument :
MSVOA_D
ClientSampled :

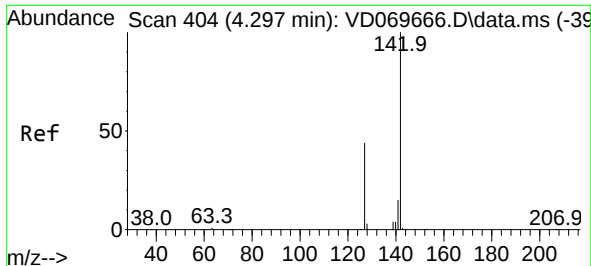
Tgt Ion:101 Resp: 213
Ion Ratio Lower Upper
101 100
103 0.0 51.4 77.0#



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.001 ug/l
RT: 4.103 min Scan# 371
Delta R.T. 0.012 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

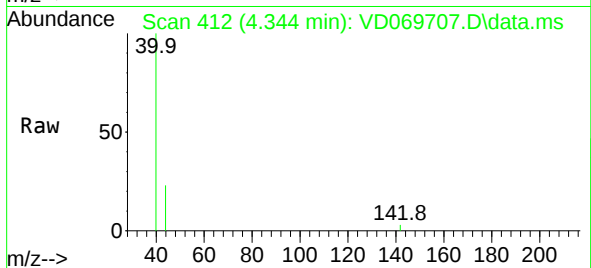
Tgt Ion:101 Resp: 109
Ion Ratio Lower Upper
101 100
85 0.0 34.6 52.0#
151 0.0 54.4 81.6#



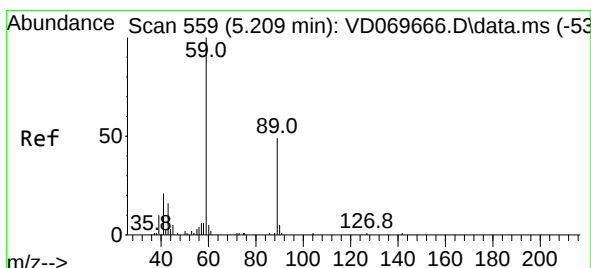
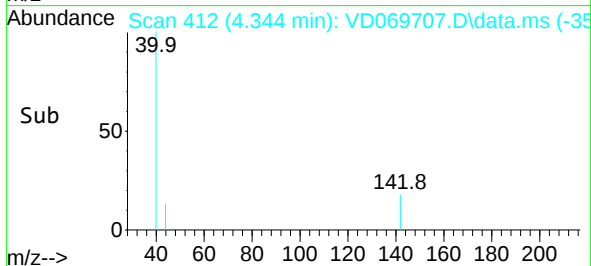
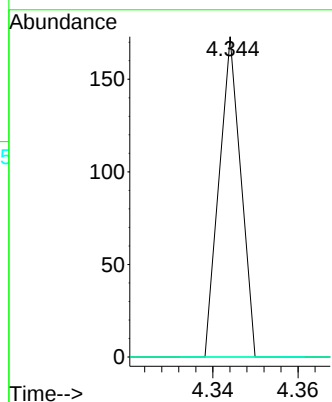


#10
Methyl Iodide
Concen: 2.978 ug/l
RT: 4.344 min Scan# 412
Delta R.T. 0.047 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampled :

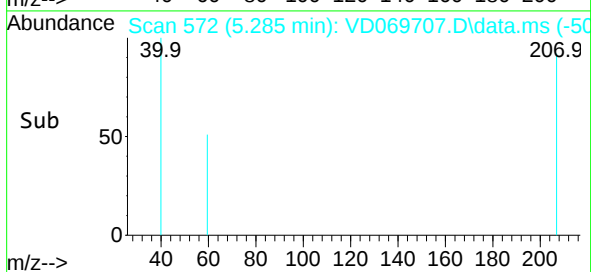
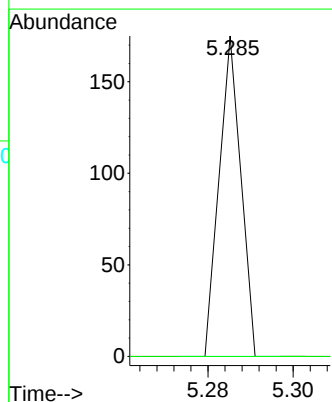
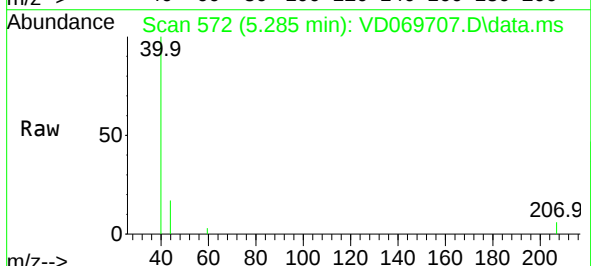


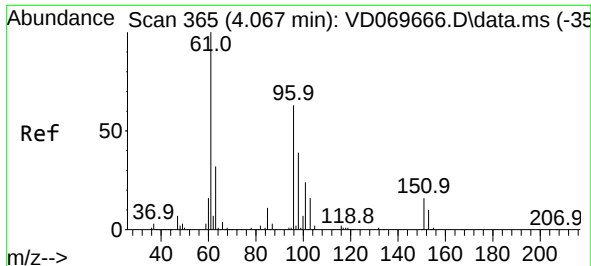
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 36.1 54.1#
141 0.0 11.6 17.4#



#11
Tert butyl alcohol
Concen: 4.060 ug/l
RT: 5.285 min Scan# 572
Delta R.T. 0.076 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

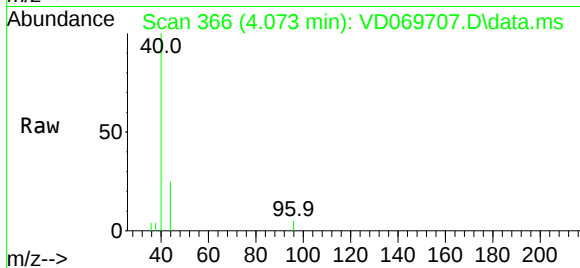
Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 5.7 8.5#



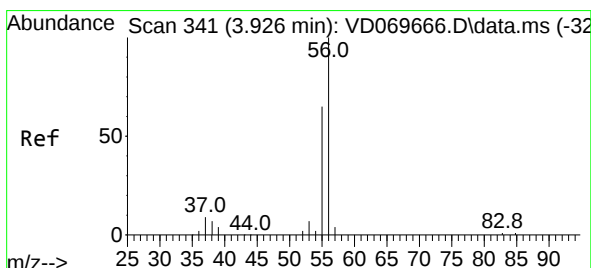
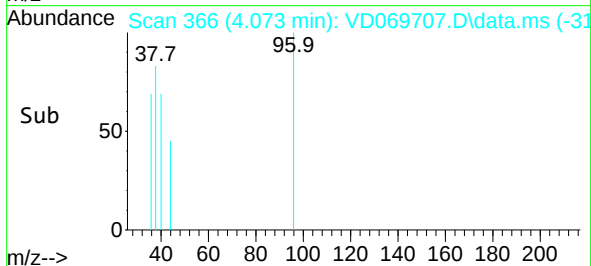
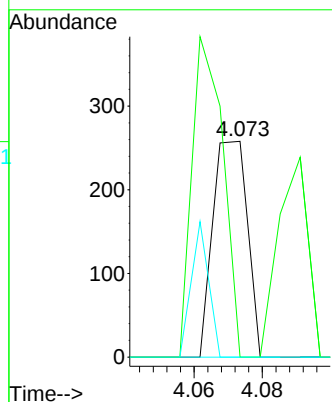


#12
1,1-Dichloroethene
Concen: 1.813 ug/l
RT: 4.073 min Scan# 366
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampled :

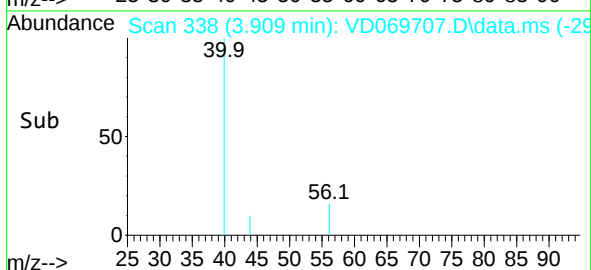
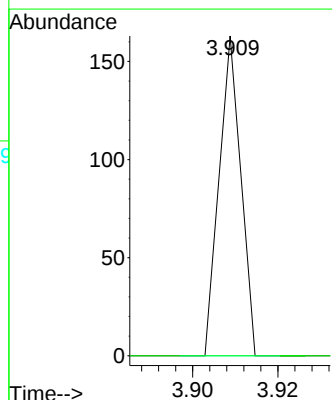
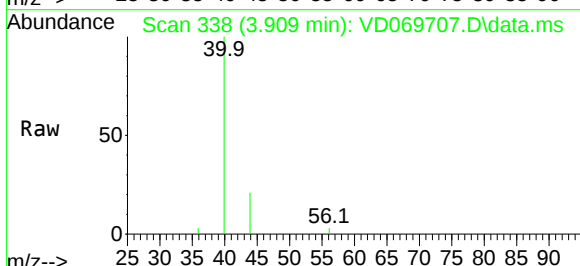


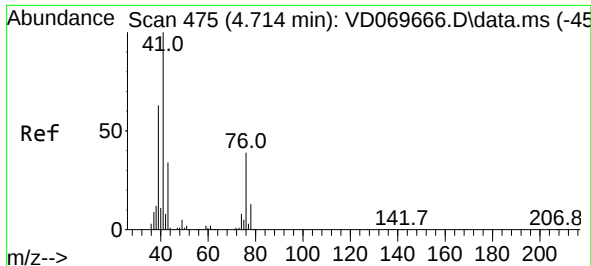
Tgt Ion: 96 Resp: 181
Ion Ratio Lower Upper
96 100
61 0.0 126.4 189.6#
98 0.0 48.9 73.3#



#13
Acrolein
Concen: 7.360 ug/l
RT: 3.909 min Scan# 338
Delta R.T. -0.017 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

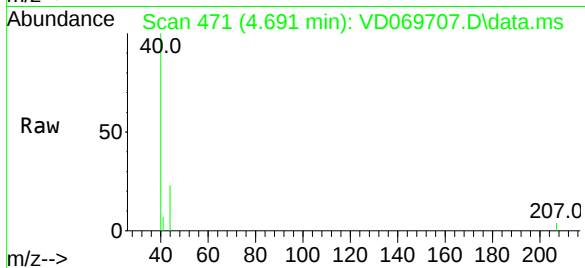
Tgt Ion: 56 Resp: 58
Ion Ratio Lower Upper
56 100
55 0.0 55.3 82.9#



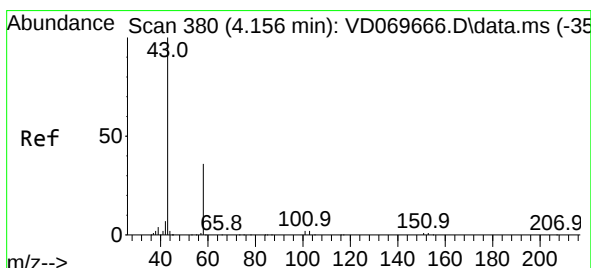
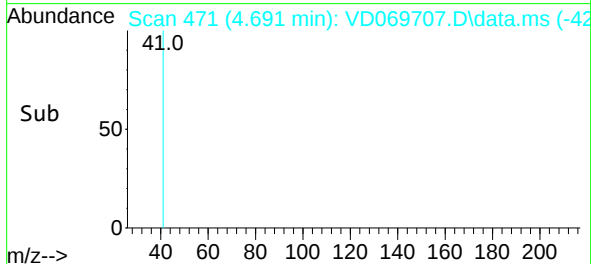
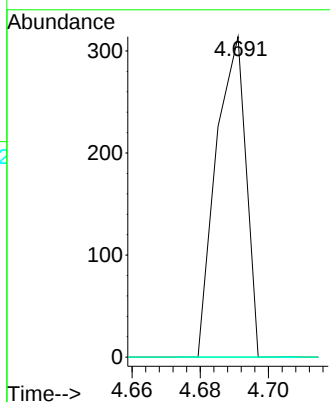


#14
Allyl chloride
Concen: 1.238 ug/l
RT: 4.691 min Scan# 471
Delta R.T. -0.023 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

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ClientSampleId :

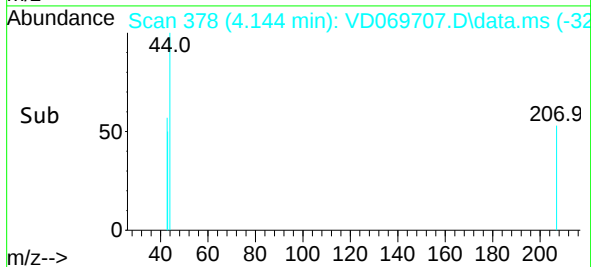
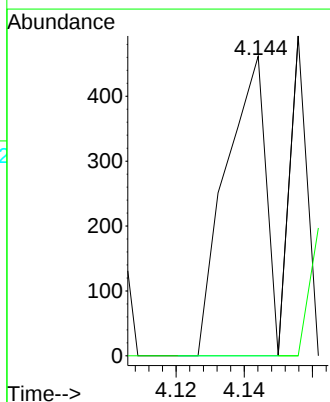
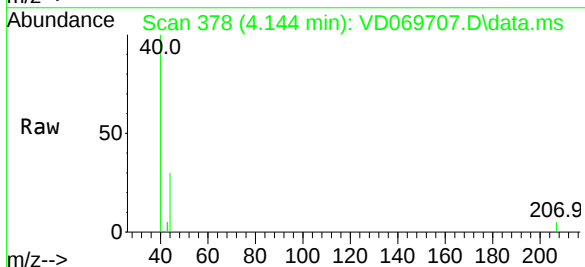


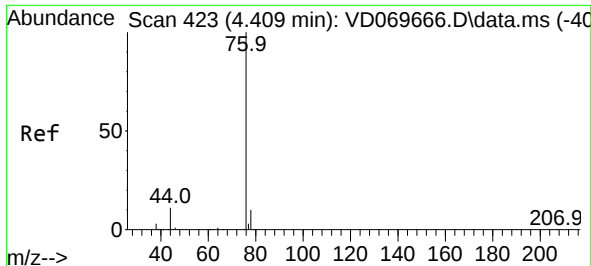
Tgt Ion: 41 Resp: 191
Ion Ratio Lower Upper
41 100
39 0.0 49.4 74.2#
76 0.0 30.7 46.1#



#16
Acetone
Concen: 27.278 ug/l
RT: 4.144 min Scan# 378
Delta R.T. -0.012 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

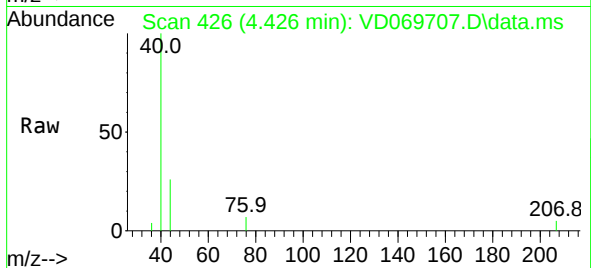
Tgt Ion: 43 Resp: 376
Ion Ratio Lower Upper
43 100
58 0.0 28.6 42.8#



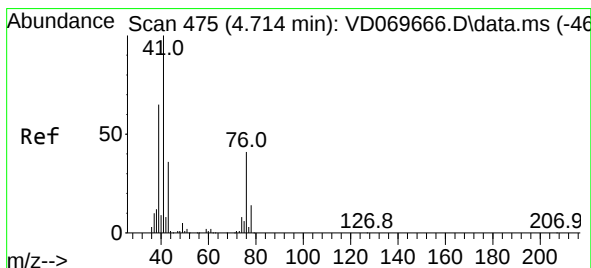
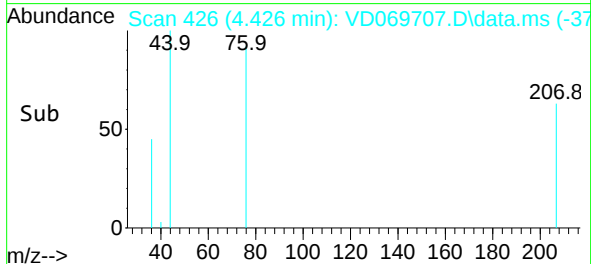
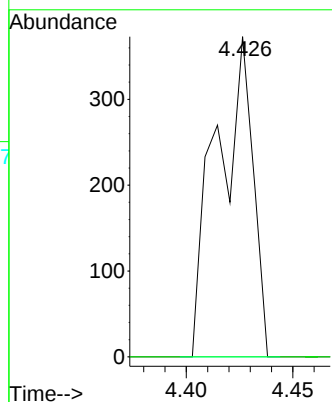


#17
Carbon Disulfide
Concen: 1.676 ug/l
RT: 4.426 min Scan# 426
Delta R.T. 0.017 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampled :

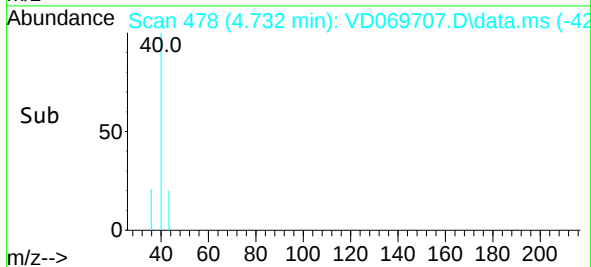
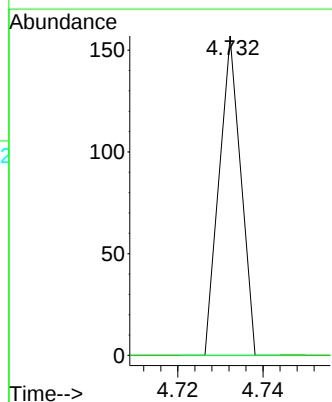
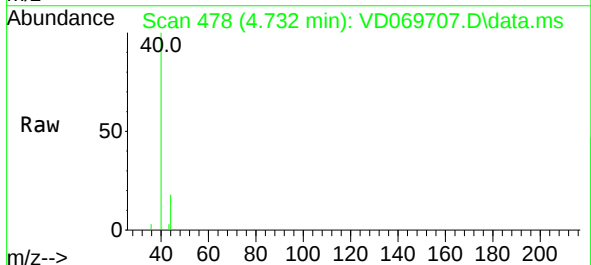


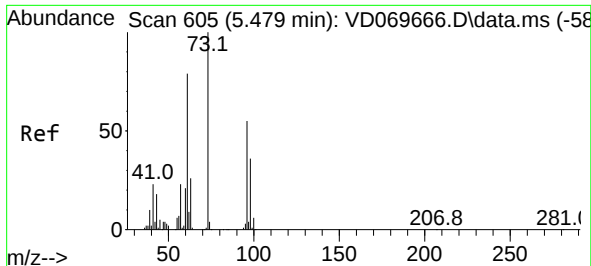
Tgt Ion: 76 Resp: 441
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#



#18
Methyl Acetate
Concen: Below Cal
RT: 4.732 min Scan# 478
Delta R.T. 0.018 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 43 Resp: 55
Ion Ratio Lower Upper
43 100
74 0.0 20.6 30.8#

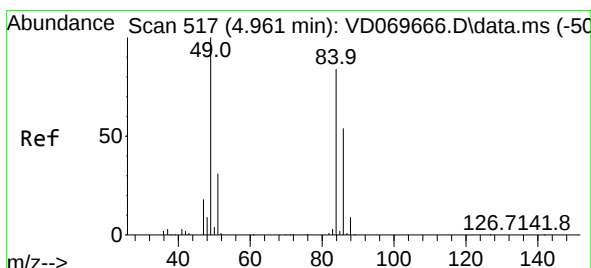
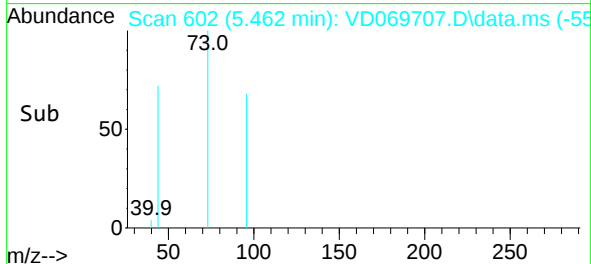
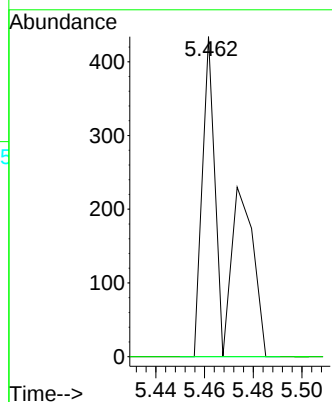
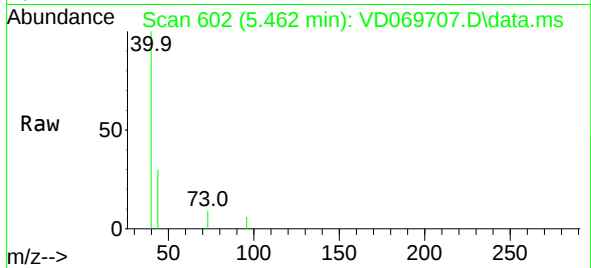




#19
Methyl tert-butyl Ether
Concen: 1.401 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.017 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

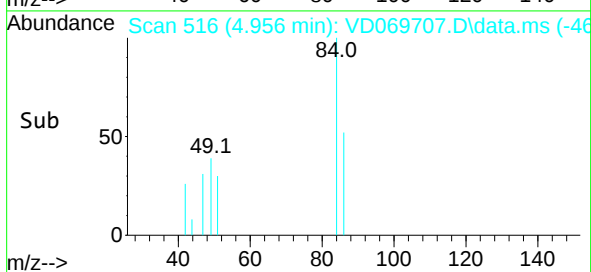
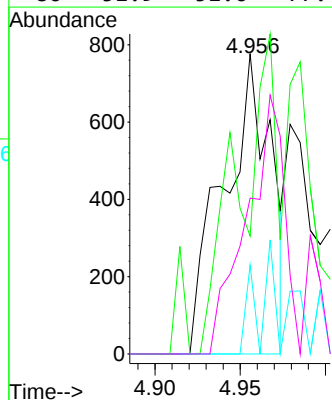
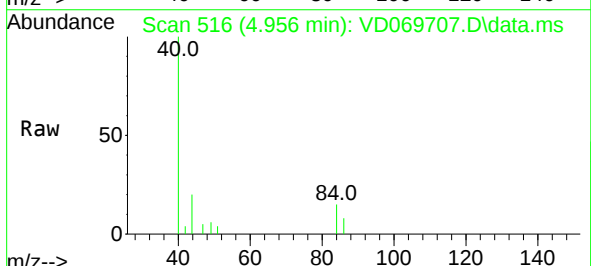
Instrument :
MSVOA_D
ClientSampled :

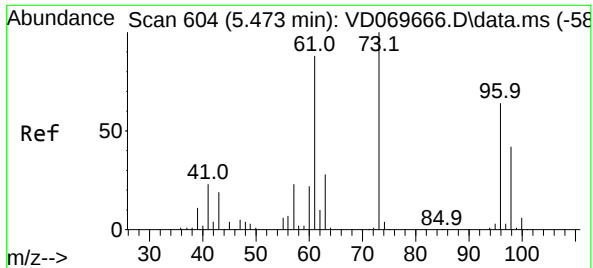
Tgt Ion: 73 Resp: 296
Ion Ratio Lower Upper
73 100
57 0.0 18.2 27.2#



#20
Methylene Chloride
Concen: 4.872 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.005 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 84 Resp: 1505
Ion Ratio Lower Upper
84 100
49 3.5 95.5 143.3#
51 29.6 29.7 44.5#
86 51.9 51.6 77.4

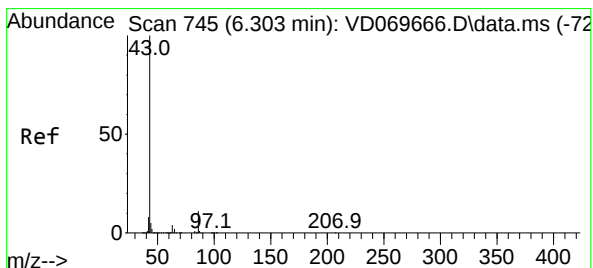
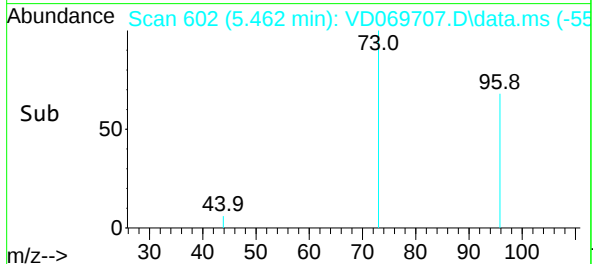
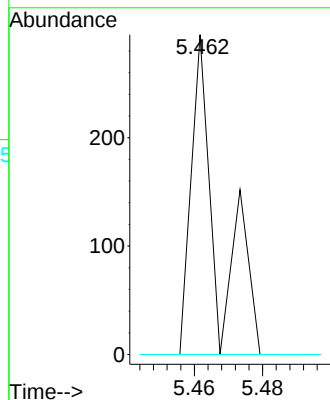
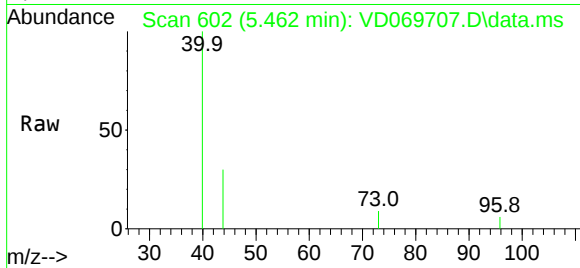




#21
trans-1,2-Dichloroethene
Concen: 1.325 ug/l
RT: 5.462 min Scan# 602
Delta R.T. -0.011 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

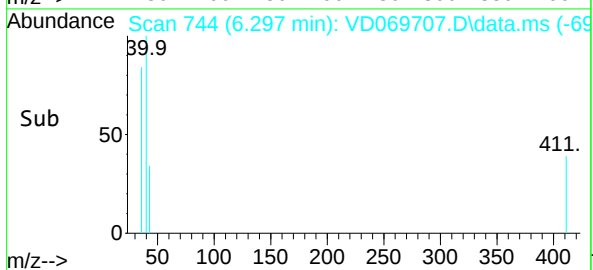
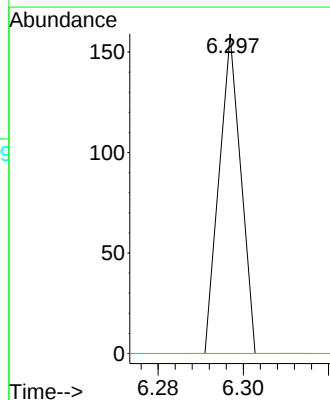
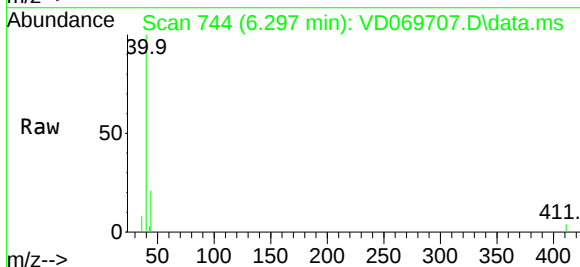
Instrument :
MSVOA_D
ClientSampled :

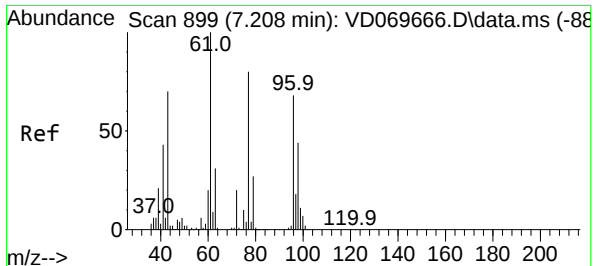
Tgt Ion: 96 Resp: 158
Ion Ratio Lower Upper
96 100
61 0.0 110.9 166.3#
98 0.0 52.2 78.2#



#23
Vinyl Acetate
Concen: 15.717 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 43 Resp: 56
Ion Ratio Lower Upper
43 100
86 0.0 8.6 12.8#

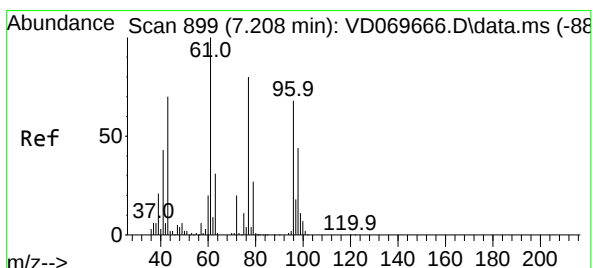
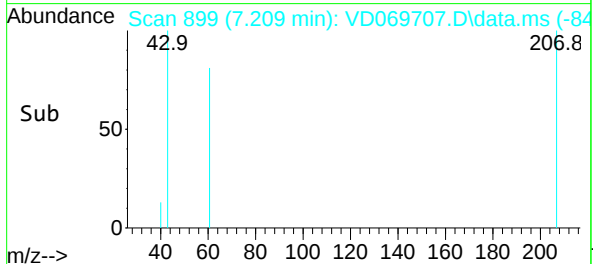
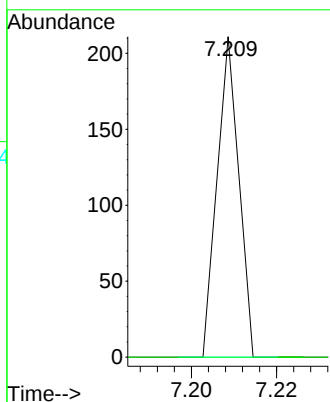
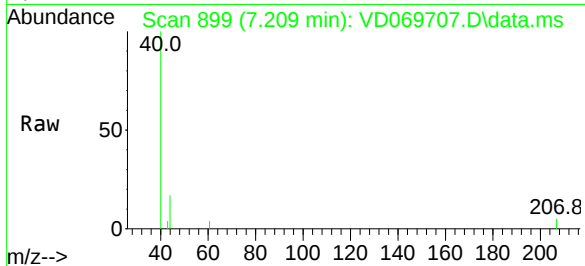




#25
2-Butanone
Concen: 2.739 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.001 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

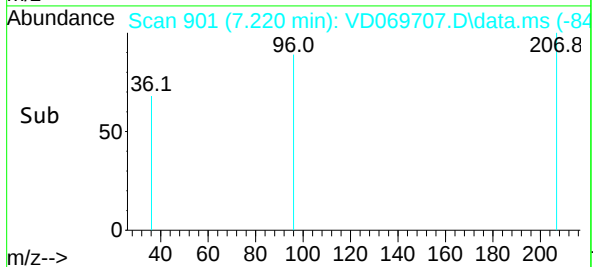
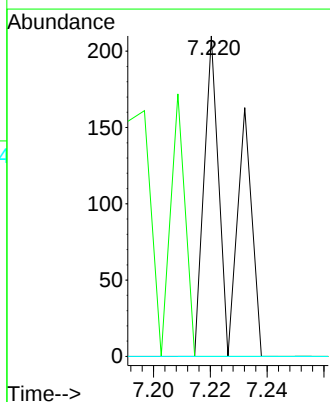
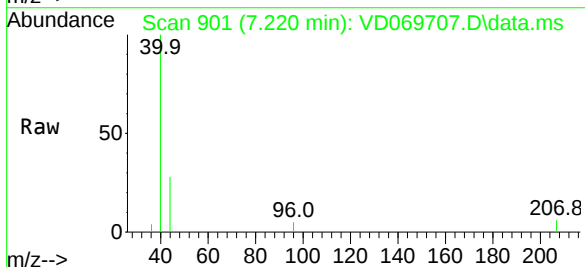
Instrument :
MSVOA_D
ClientSampled :

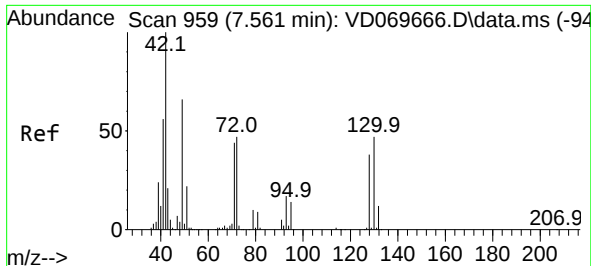
Tgt Ion: 43 Resp: 74
Ion Ratio Lower Upper
43 100
72 0.0 22.6 33.8#



#27
cis-1,2-Dichloroethene
Concen: 1.026 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 96 Resp: 132
Ion Ratio Lower Upper
96 100
61 130.3 0.0 295.8
98 0.0 0.0 127.2





#29

Tetrahydrofuran

Concen: 3.884 ug/l

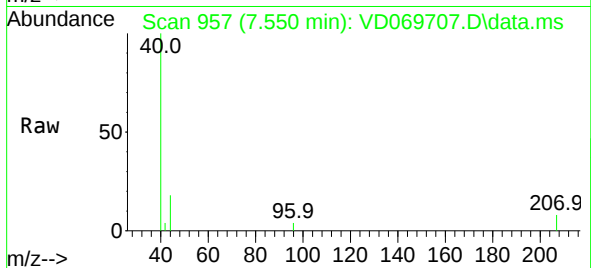
RT: 7.550 min Scan# 957

Delta R.T. -0.011 min

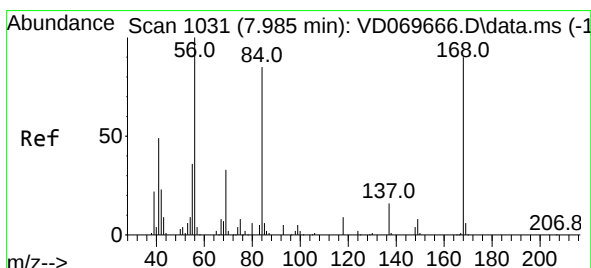
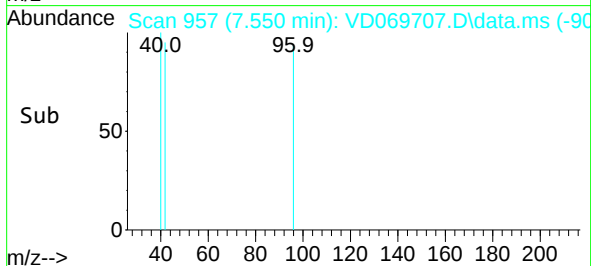
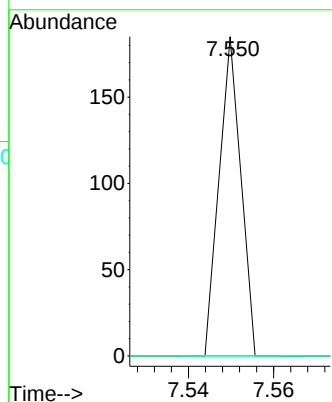
Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampled :



Tgt Ion:	42	Resp:	65
Ion Ratio	Lower	Upper	
42	100		
72	0.0	36.5	54.7#
71	0.0	33.4	50.0#



#31

Cyclohexane

Concen: 2.751 ug/l

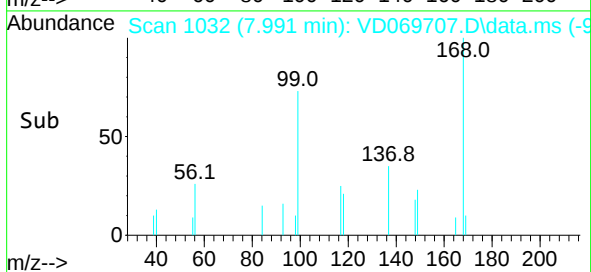
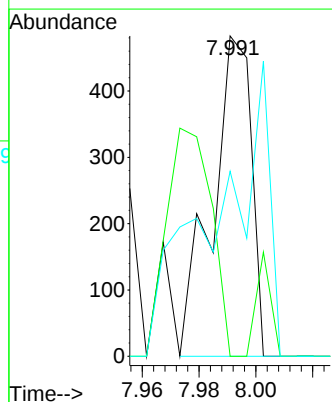
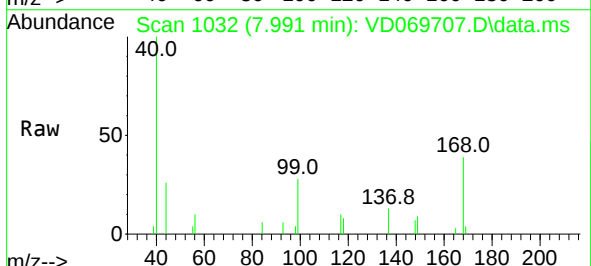
RT: 7.991 min Scan# 1032

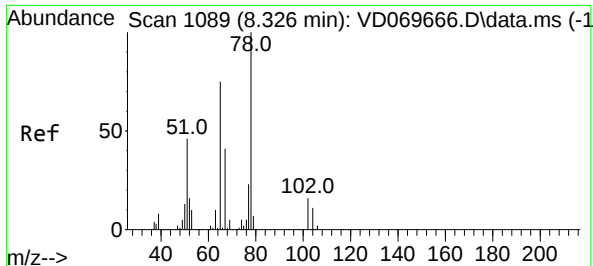
Delta R.T. 0.006 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

Tgt Ion:	56	Resp:	460
Ion Ratio	Lower	Upper	
56	100		
69	0.0	26.6	39.8#
84	57.8	68.2	102.2#



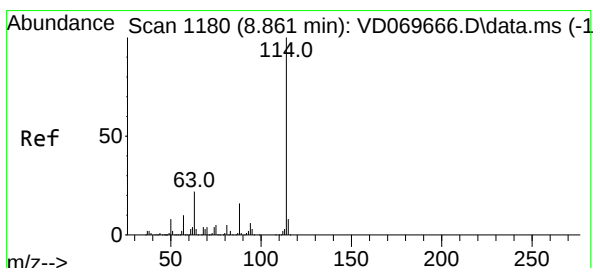
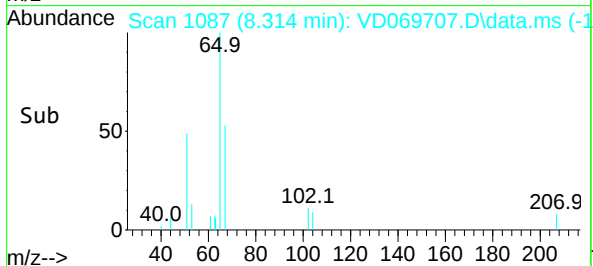
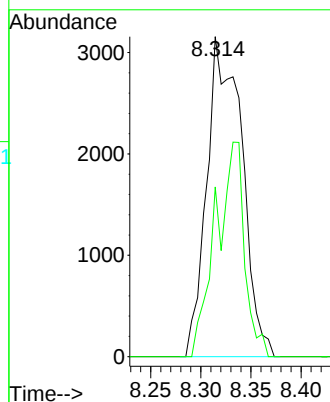
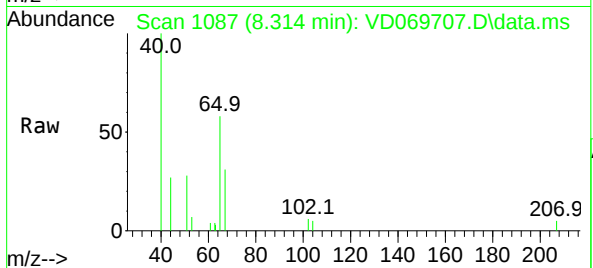


#33

1,2-Dichloroethane-d4
Concen: 66.964 ug/l
RT: 8.314 min Scan# 1087
Delta R.T. -0.012 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Instrument :
MSVOA_D
ClientSampled :

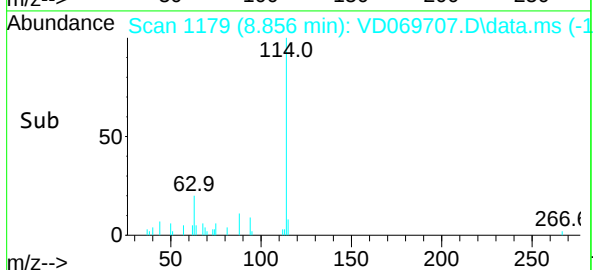
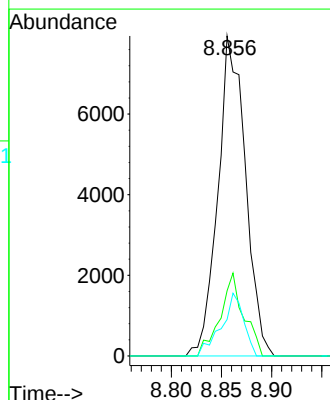
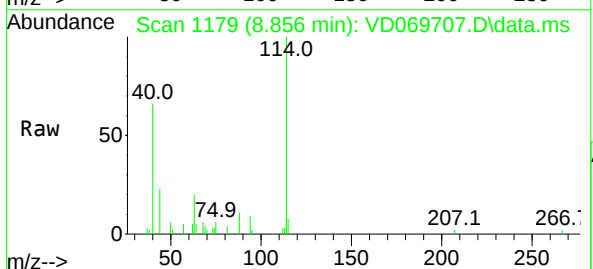
Tgt Ion: 65 Resp: 7654
Ion Ratio Lower Upper
65 100
67 55.1 0.0 107.2

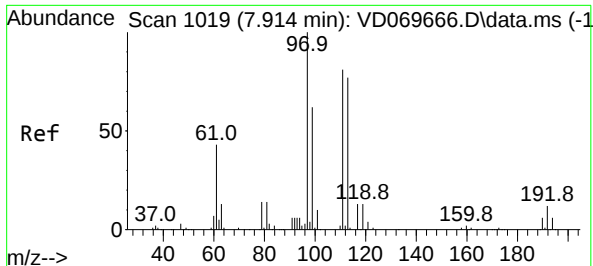


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.856 min Scan# 1179
Delta R.T. -0.005 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 114 Resp: 15158
Ion Ratio Lower Upper
114 100
63 20.3 0.0 43.4
88 11.4 0.0 32.0





#35

Dibromofluoromethane

Concen: 48.598 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

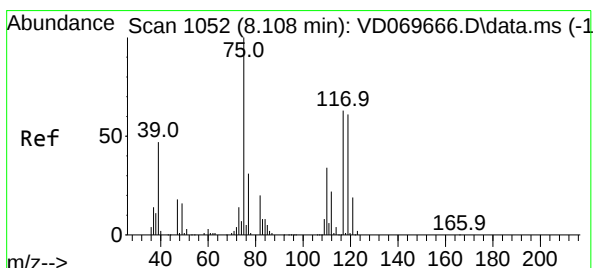
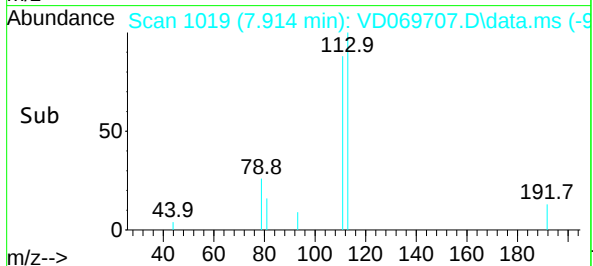
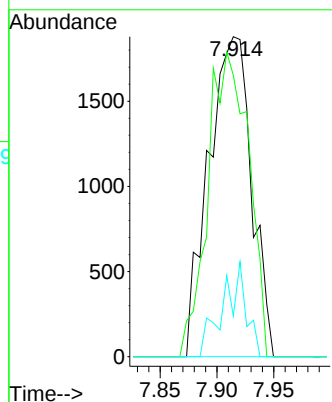
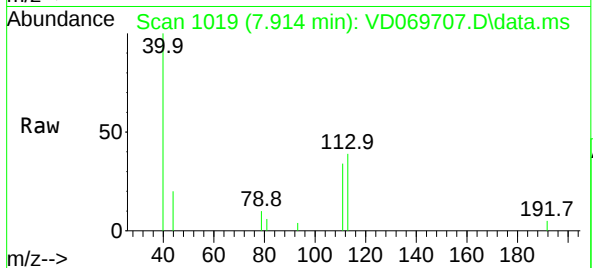
Tgt Ion:113 Resp: 4942

Ion Ratio Lower Upper

113 100

111 90.7 82.6 123.8

192 16.0 12.7 19.1



#36

1,1-Dichloropropene

Concen: 1.477 ug/l

RT: 8.097 min Scan# 1050

Delta R.T. -0.011 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

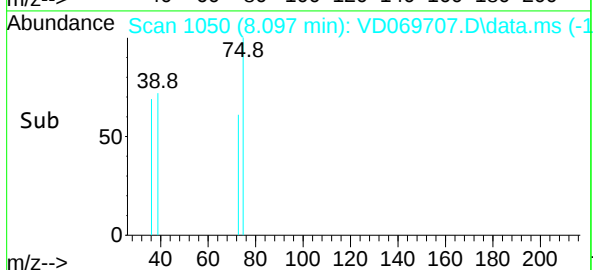
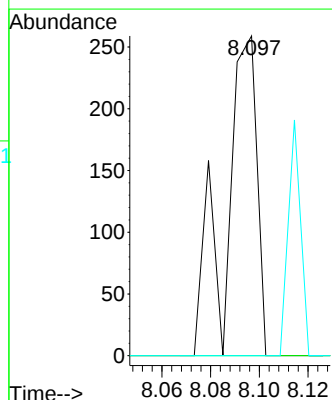
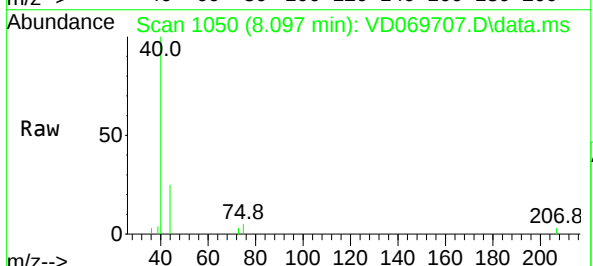
Tgt Ion: 75 Resp: 231

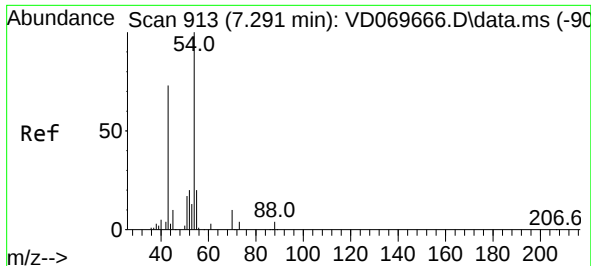
Ion Ratio Lower Upper

75 100

110 0.0 16.7 50.0#

77 29.0 25.3 37.9





#37

Ethyl Acetate

Concen: 1.251 ug/l

RT: 7.209 min Scan# 899

Delta R.T. -0.082 min

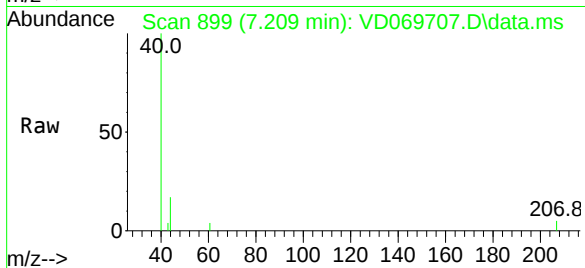
Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

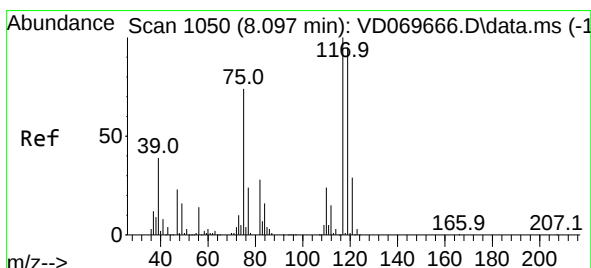
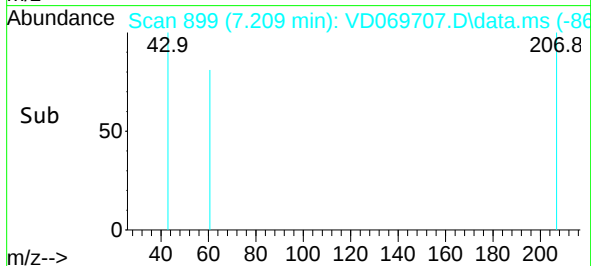
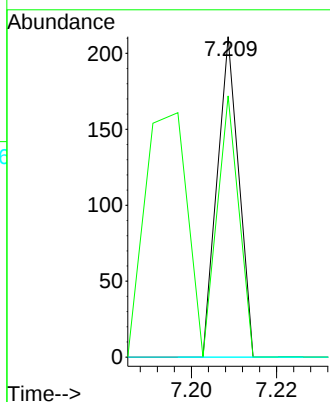
Instrument :

MSVOA_D

ClientSampled :



Tgt Ion:	43	Resp:	74
Ion	Ratio	Lower	Upper
43	100		
61	232.4	12.1	18.1#
70	0.0	8.4	12.6#



#38

Carbon Tetrachloride

Concen: 3.317 ug/l

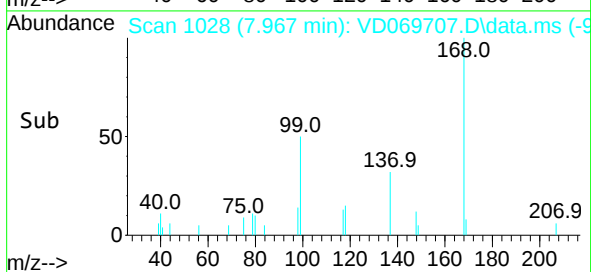
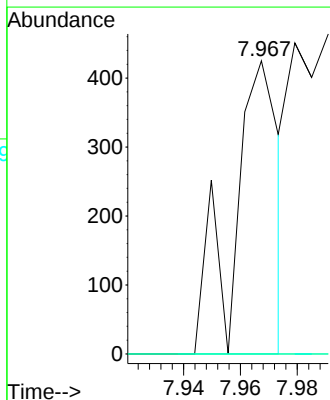
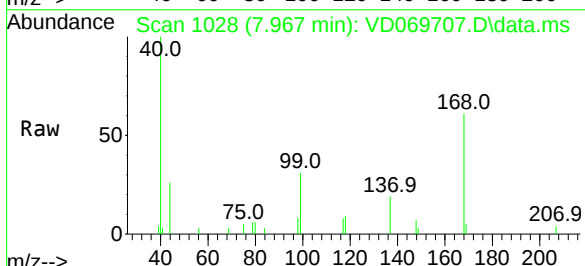
RT: 7.967 min Scan# 1028

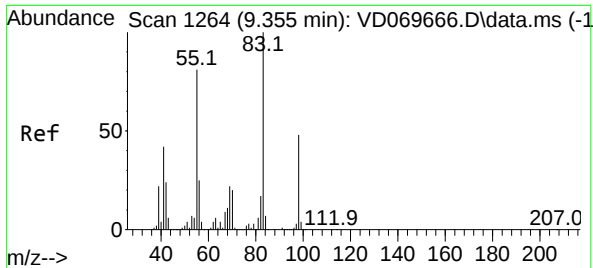
Delta R.T. -0.130 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

Tgt Ion:	117	Resp:	475
Ion	Ratio	Lower	Upper
117	100		
119	0.0	75.7	113.5#
121	0.0	23.0	34.6#





#39

Methylcyclohexane

Concen: 2.390 ug/l

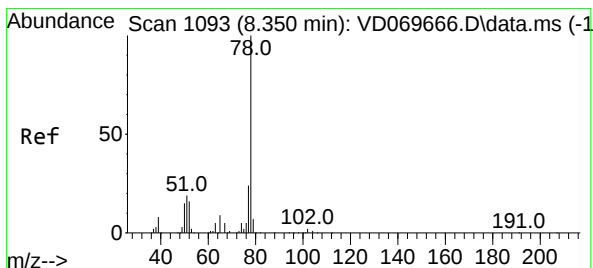
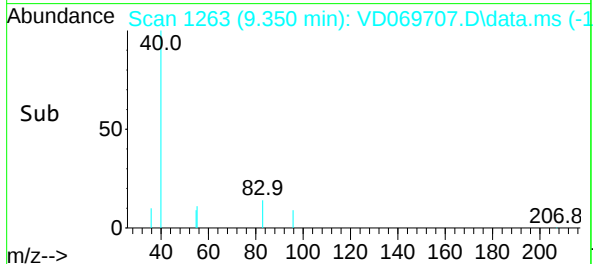
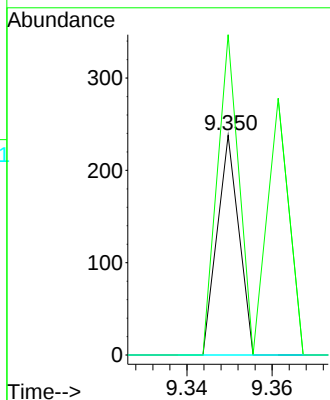
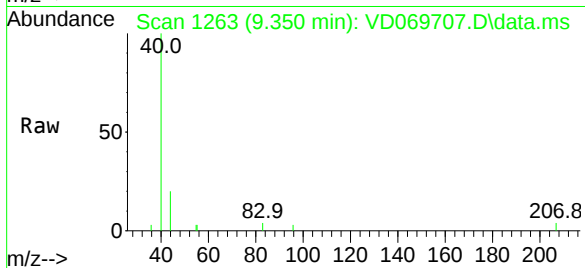
RT: 9.350 min Scan# 1263

Delta R.T. -0.005 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

Tgt Ion: 83	Resp:	84
Ion	Ratio	Lower Upper
83	100	
55	145.8	64.6 97.0#
98	0.0	38.4 57.6#



#40

Benzene

Concen: 1.995 ug/l

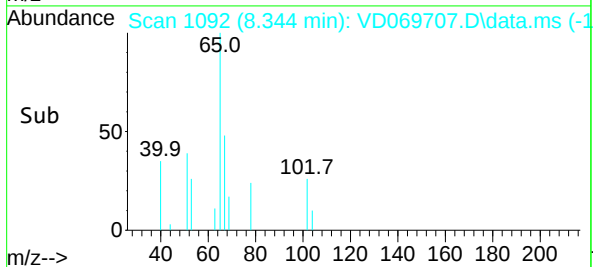
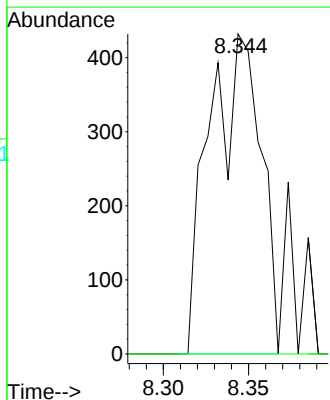
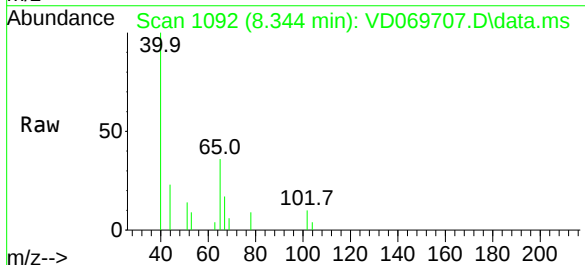
RT: 8.344 min Scan# 1092

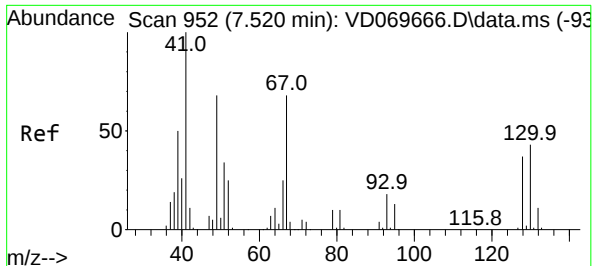
Delta R.T. -0.006 min

Lab File: VD069707.D

Acq: 15 Jul 2021 15:09

Tgt Ion: 78	Resp:	900
Ion	Ratio	Lower Upper
78	100	
77	0.0	19.4 29.0#

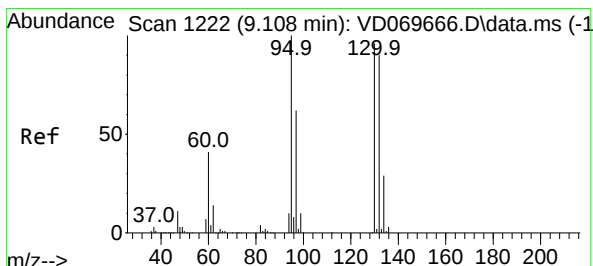
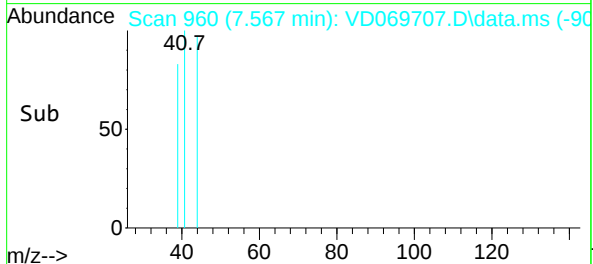
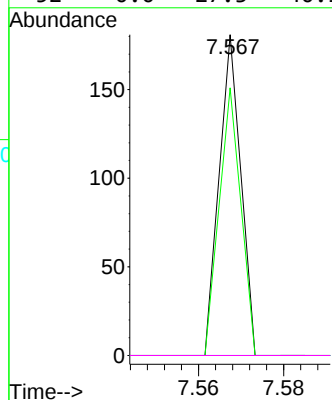
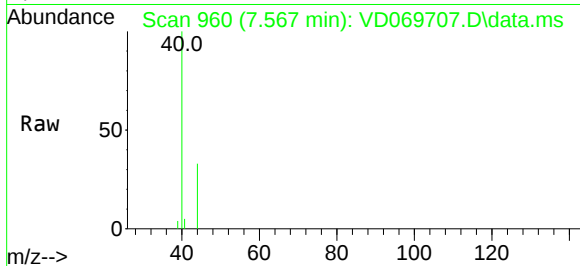




#41
Methacrylonitrile
Concen: 2.088 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.047 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

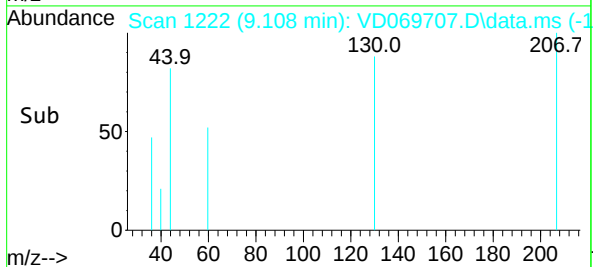
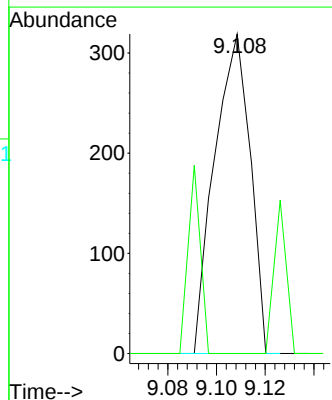
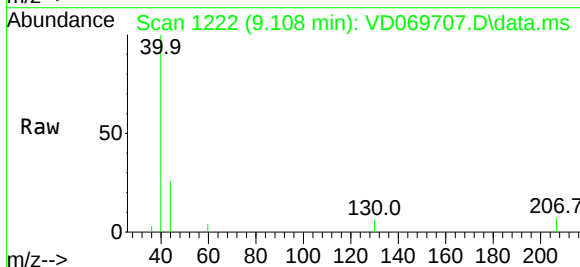
Instrument :
MSVOA_D
ClientSampleId :

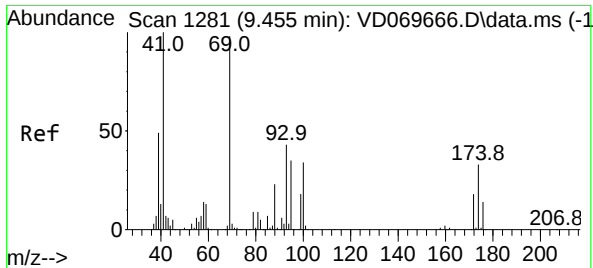
Tgt Ion:	41	Resp:	64
Ion	Ratio	Lower	Upper
41	100		
39	82.8	47.4	71.0#
67	0.0	67.0	100.6#
52	0.0	27.3	40.9#



#44
Trichloroethene
Concen: 2.962 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:	130	Resp:	324
Ion	Ratio	Lower	Upper
130	100		
95	0.0	0.0	208.2

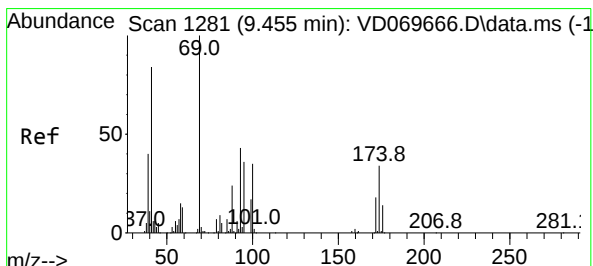
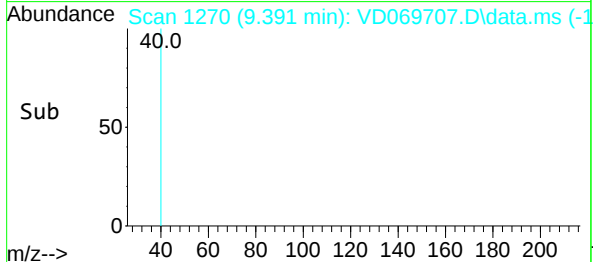
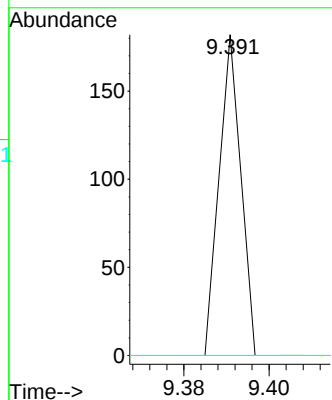
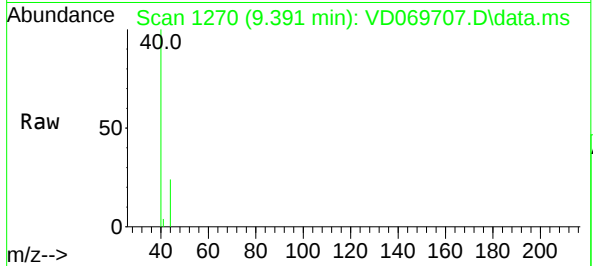




#48
Methyl methacrylate
Concen: 2.216 ug/l
RT: 9.391 min Scan# 1270
Delta R.T. -0.064 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

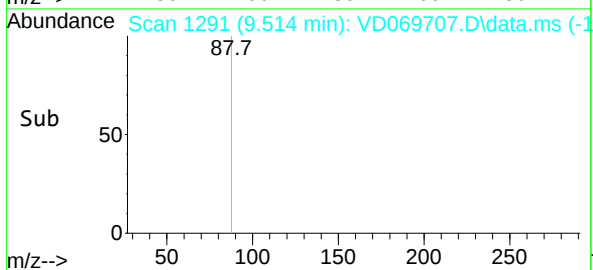
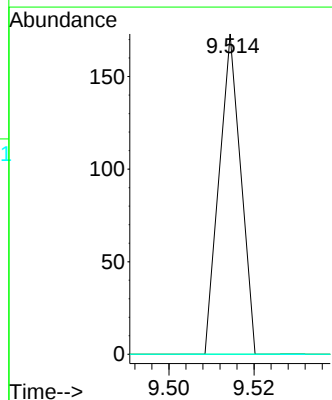
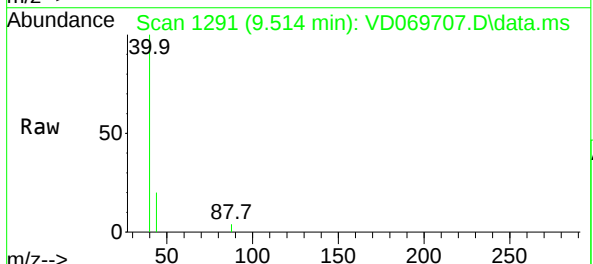
Instrument :
MSVOA_D
ClientSampled :

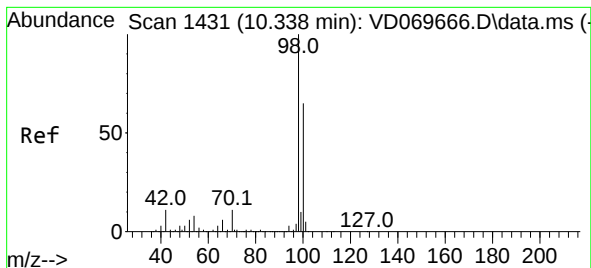
Tgt Ion: 41 Resp: 64
Ion Ratio Lower Upper
41 100
69 0.0 71.6 107.4#
39 0.0 36.7 55.1#



#49
1,4-Dioxane
Concen: 168.315 ug/l
RT: 9.514 min Scan# 1291
Delta R.T. 0.059 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 88 Resp: 61
Ion Ratio Lower Upper
88 100
43 0.0 25.3 37.9#
58 0.0 62.6 94.0#

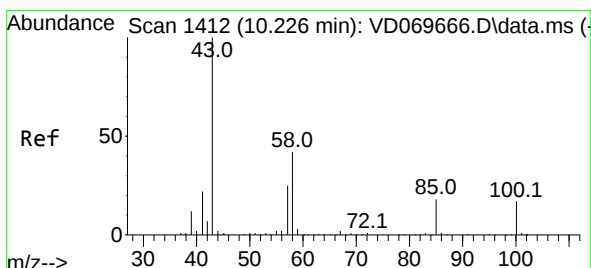
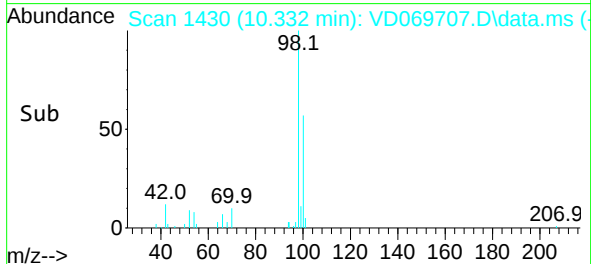
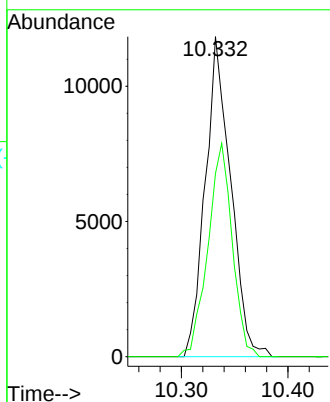
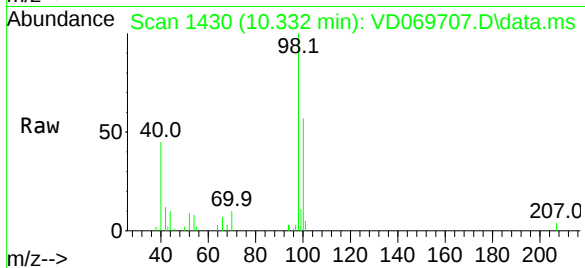




#50
Toluene-d8
Concen: 49.588 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

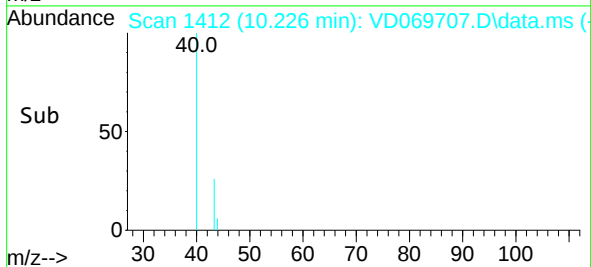
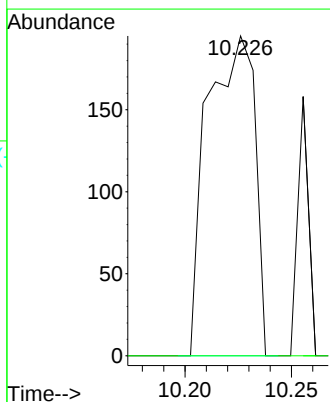
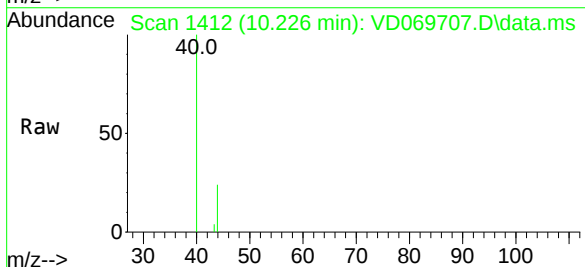
Instrument :
MSVOA_D
ClientSampled :

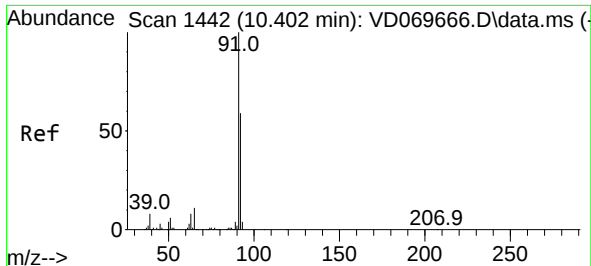
Tgt Ion: 98 Resp: 19591
Ion Ratio Lower Upper
98 100
100 63.8 52.2 78.2



#51
4-Methyl-2-Pentanone
Concen: 5.366 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 43 Resp: 301
Ion Ratio Lower Upper
43 100
58 0.0 33.5 50.3#

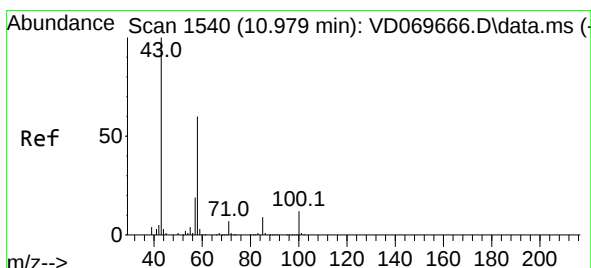
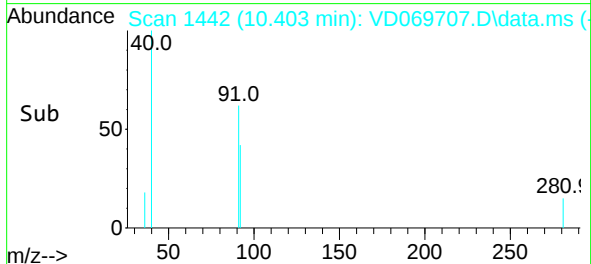
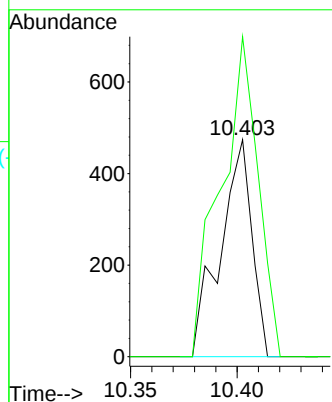
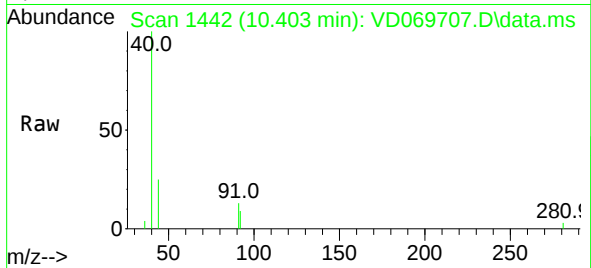




#52
Toluene
Concen: 1.806 ug/l
RT: 10.403 min Scan# 1442
Delta R.T. 0.001 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

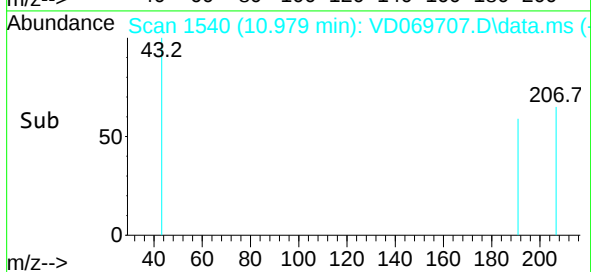
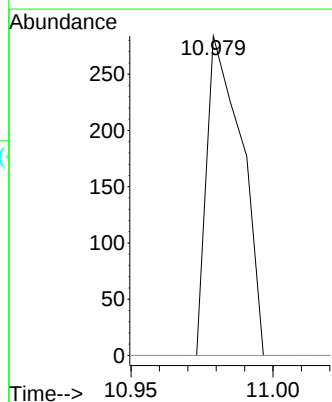
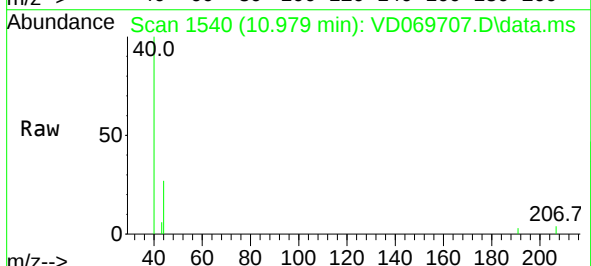
Instrument :
MSVOA_D
ClientSampled :

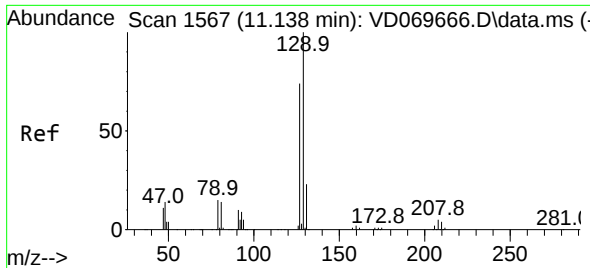
Tgt Ion: 92 Resp: 490
Ion Ratio Lower Upper
92 100
91 174.5 137.6 206.4



#59
2-Hexanone
Concen: 6.499 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 43 Resp: 243
Ion Ratio Lower Upper
43 100
58 0.0 29.1 87.4#

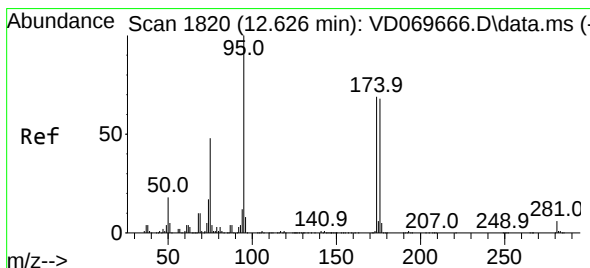
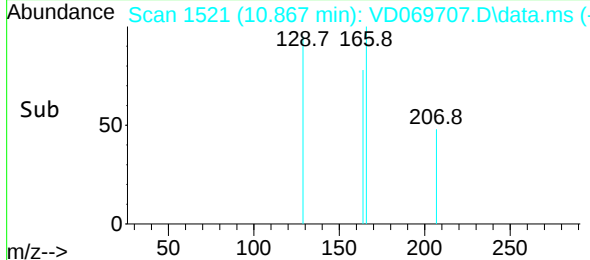
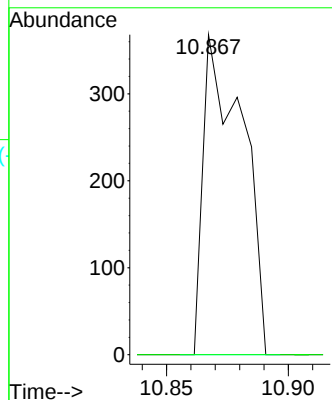
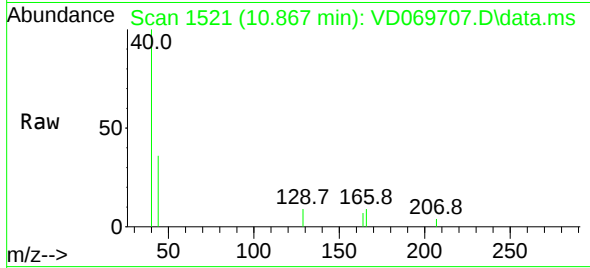




#60
Dibromochloromethane
Concen: 4.363 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.271 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

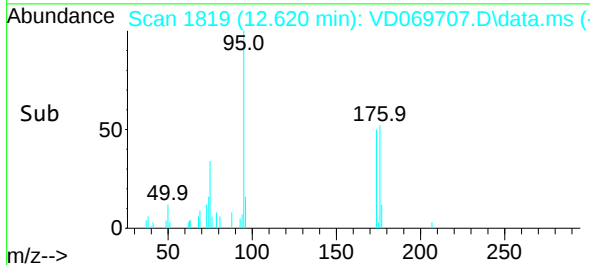
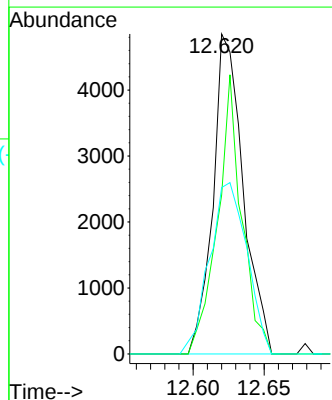
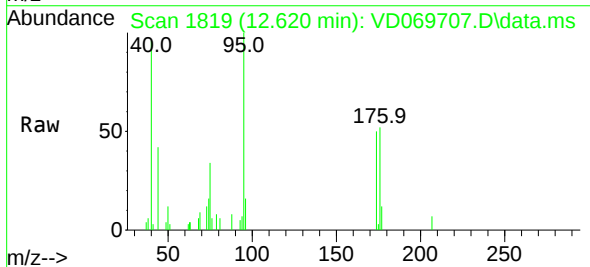
Instrument :
MSVOA_D
ClientSampled :

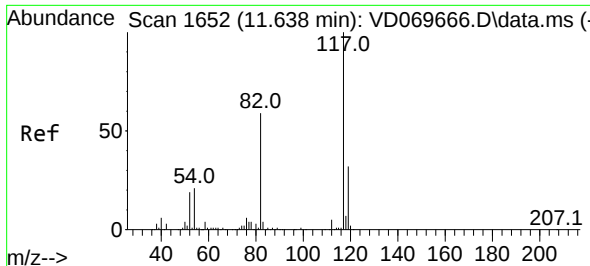
Tgt Ion:129 Resp: 412
Ion Ratio Lower Upper
129 100
127 0.0 39.1 117.2#



#62
4-Bromofluorobenzene
Concen: 54.364 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 95 Resp: 7163
Ion Ratio Lower Upper
95 100
174 69.9 0.0 140.0
176 66.5 0.0 136.2

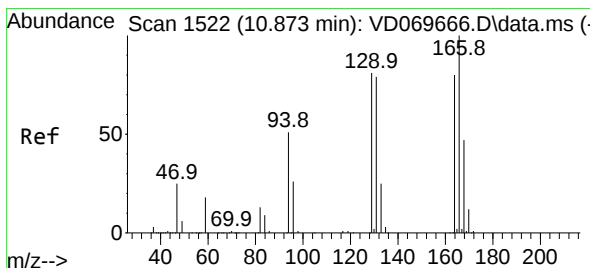
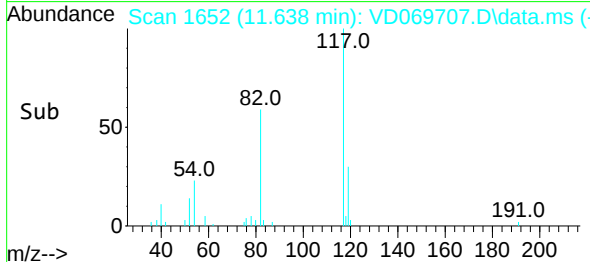
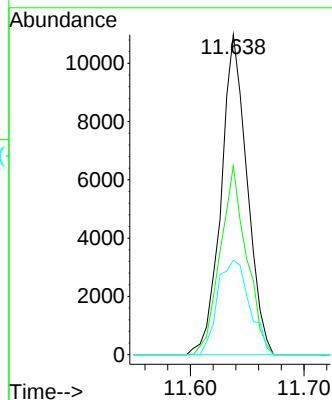
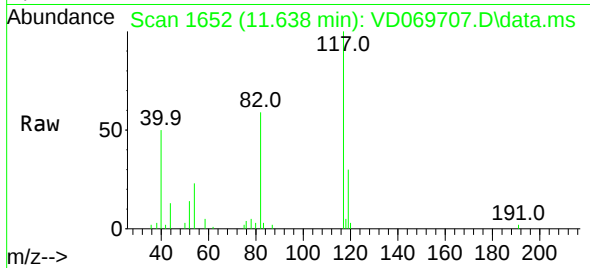




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

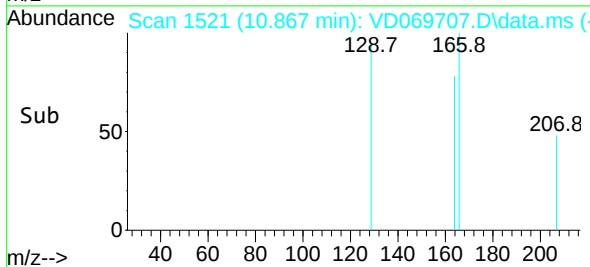
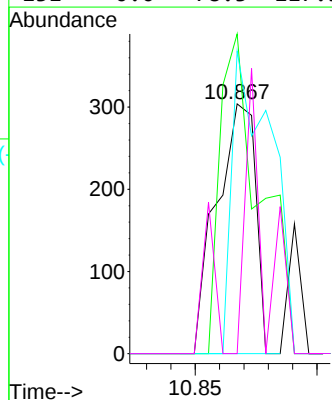
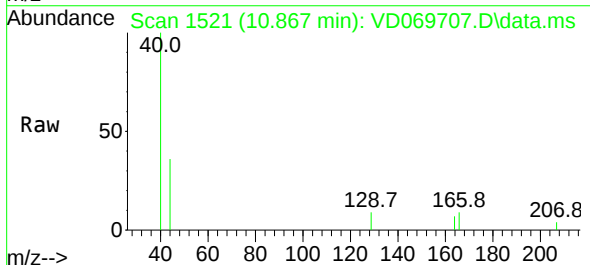
Instrument :
MSVOA_D
ClientSampleId :

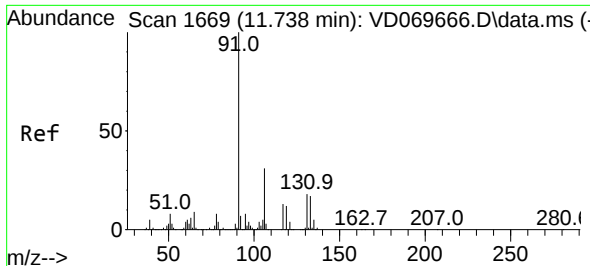
Tgt Ion:117 Resp: 17448
Ion Ratio Lower Upper
117 100
82 59.0 47.4 71.2
119 29.5 25.5 38.3



#64
Tetrachloroethene
Concen: 3.172 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:164 Resp: 338
Ion Ratio Lower Upper
164 100
166 128.0 99.6 149.4
129 121.1 80.8 121.2
131 0.0 78.3 117.5#

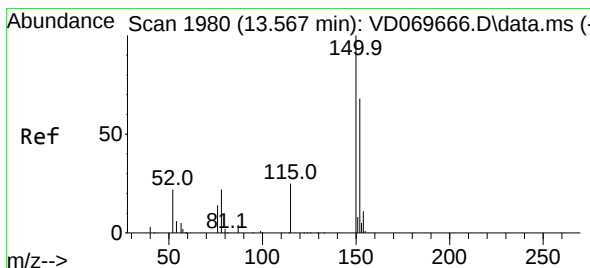
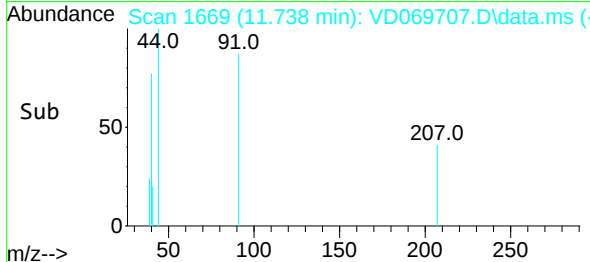
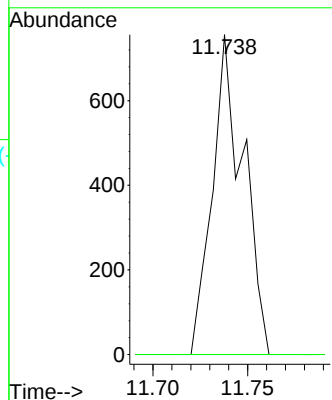
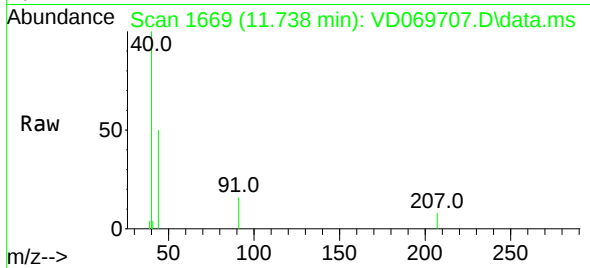




#67
Ethyl Benzene
Concen: 1.393 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

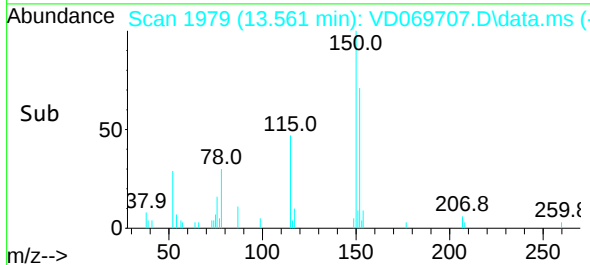
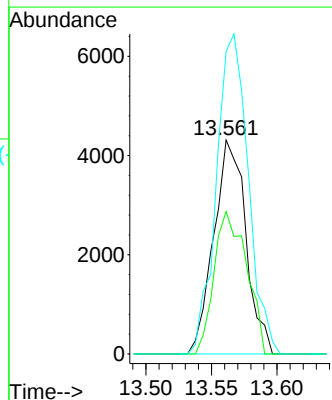
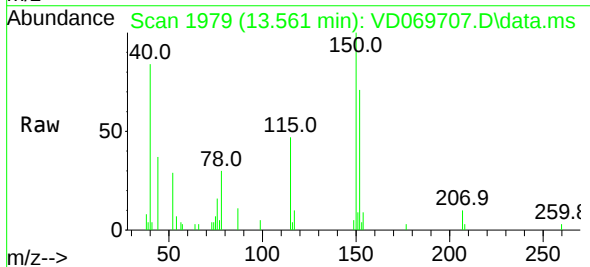
Instrument :
MSVOA_D
ClientSampled :

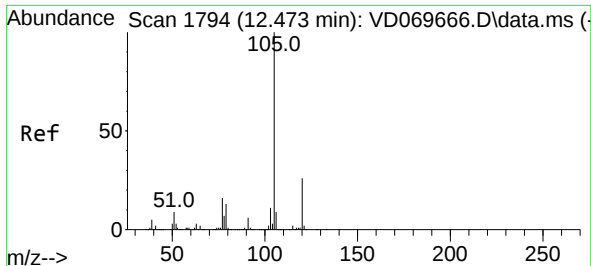
Tgt Ion: 91 Resp: 860
Ion Ratio Lower Upper
91 100
106 0.0 24.6 37.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:152 Resp: 7336
Ion Ratio Lower Upper
152 100
115 67.4 31.7 95.1
150 149.0 0.0 350.4

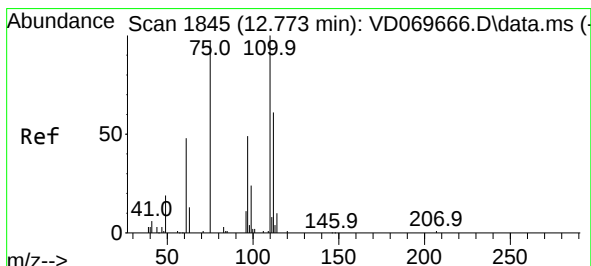
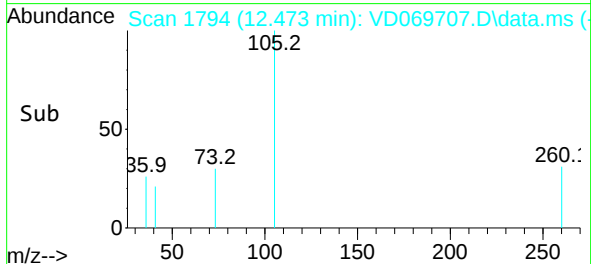
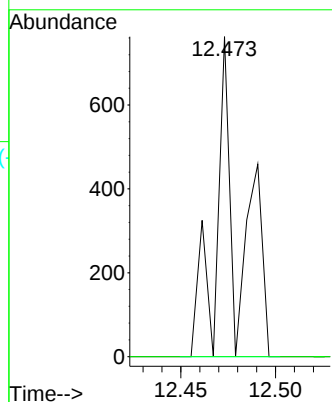
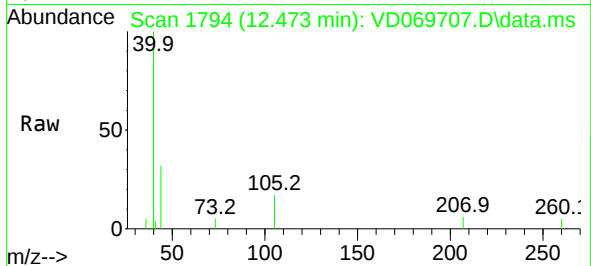




#73
Isopropylbenzene
Concen: 1.265 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

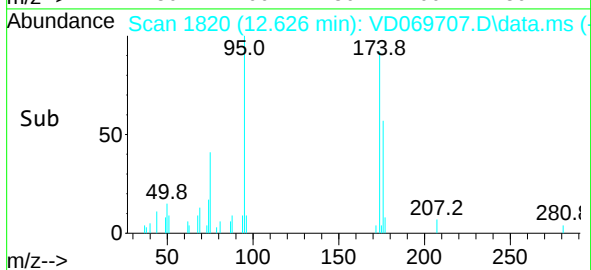
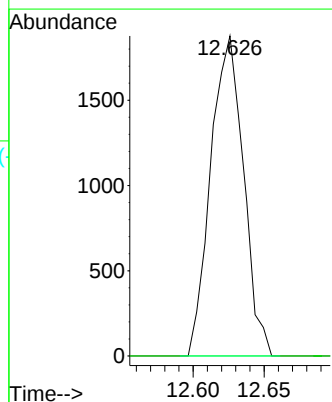
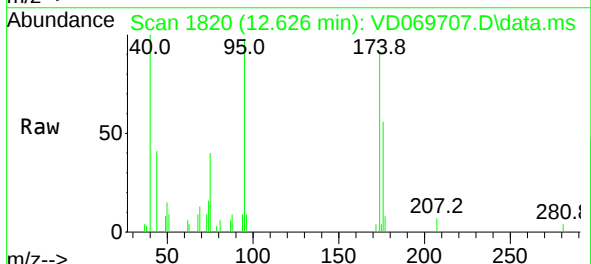
Instrument :
MSVOA_D
ClientSampled :

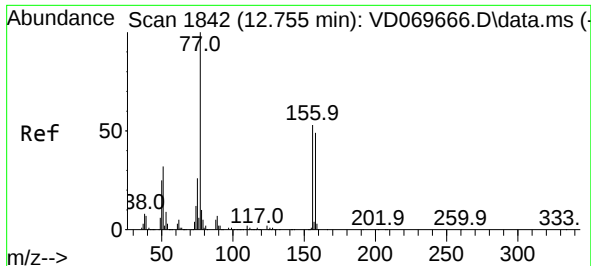
Tgt Ion:105 Resp: 661
Ion Ratio Lower Upper
105 100
120 0.0 13.0 39.0#



#76
1,2,3-Trichloropropane
Concen: 42.320 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 75 Resp: 3016
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

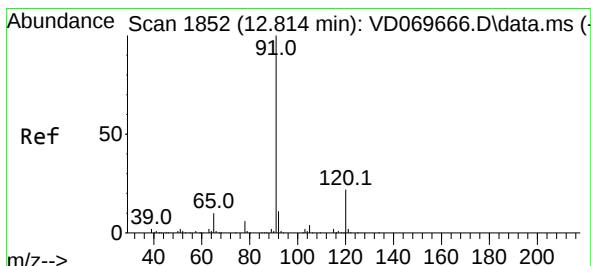
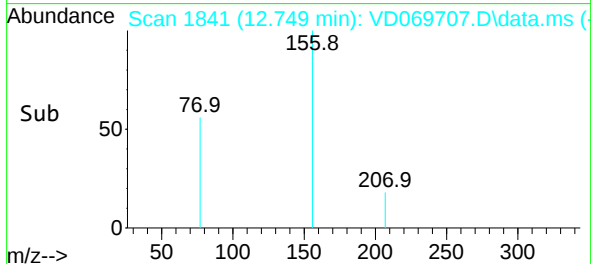
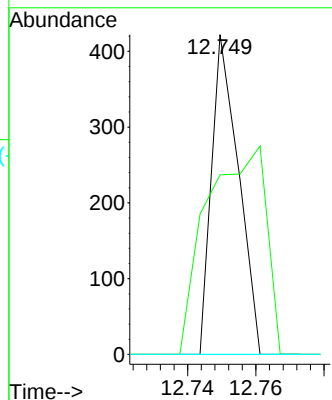
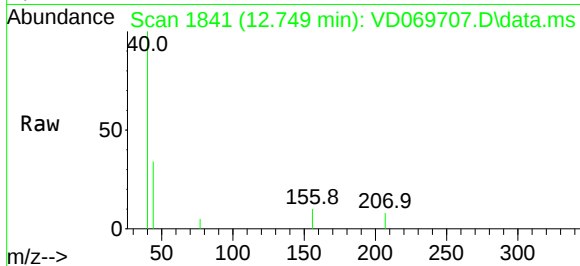




#77
Bromobenzene
Concen: 1.985 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

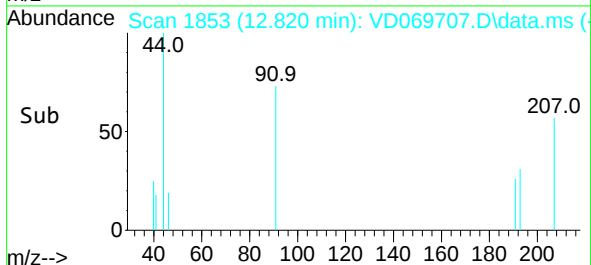
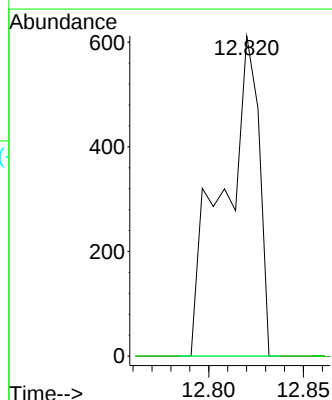
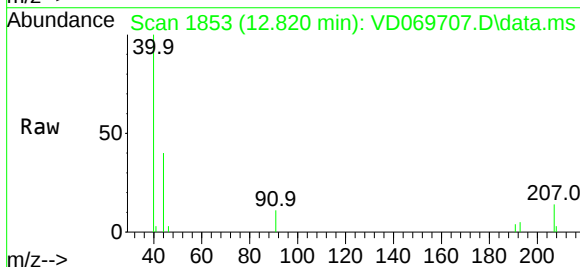
Instrument :
MSVOA_D
ClientSampleId :

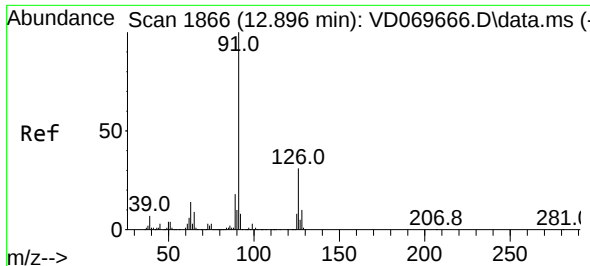
Tgt Ion:156 Resp: 230
Ion Ratio Lower Upper
156 100
77 143.5 106.5 319.4
158 0.0 48.0 144.2#



#78
n-propylbenzene
Concen: 1.220 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 91 Resp: 808
Ion Ratio Lower Upper
91 100
120 0.0 10.8 32.4#

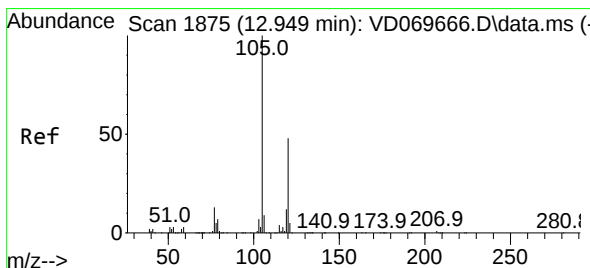
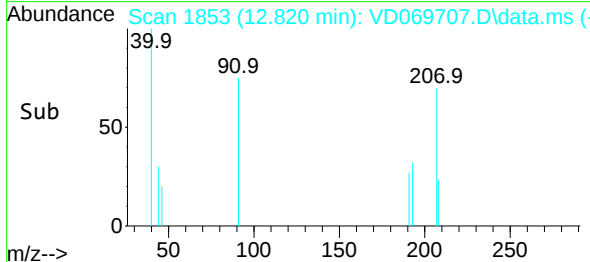
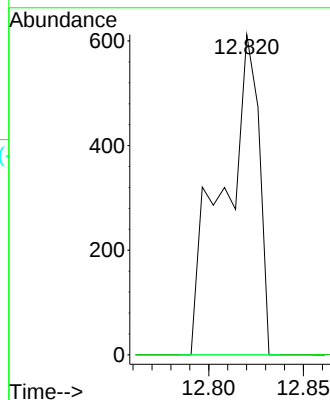
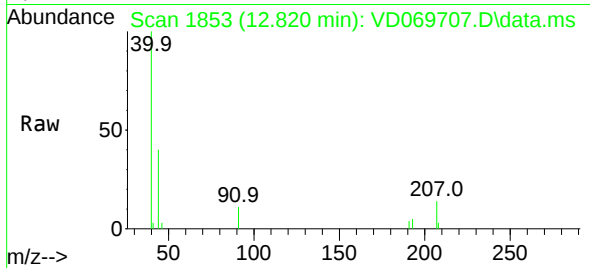




#79
2-Chlorotoluene
Concen: 2.075 ug/l
RT: 12.820 min Scan# 1853
Delta R.T. -0.076 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

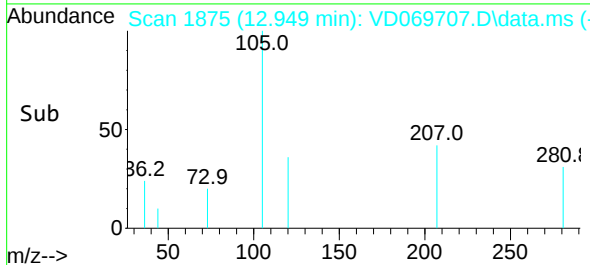
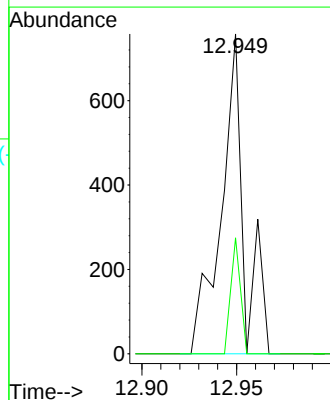
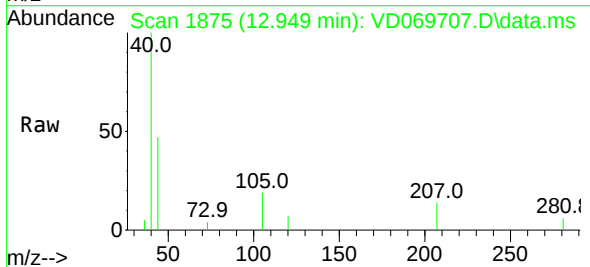
Instrument :
MSVOA_D
ClientSampled :

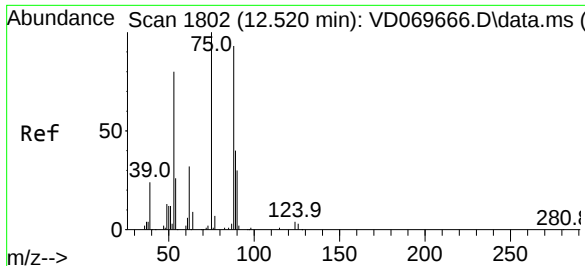
Tgt Ion: 91 Resp: 808
Ion Ratio Lower Upper
91 100
126 0.0 16.0 48.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.445 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 105 Resp: 640
Ion Ratio Lower Upper
105 100
120 15.2 24.1 72.3#

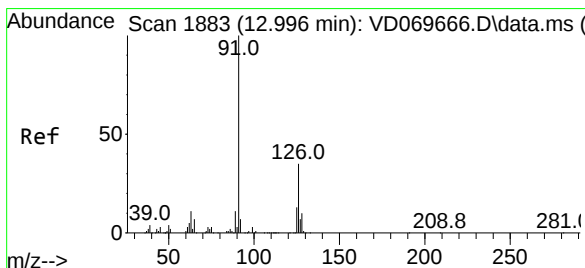
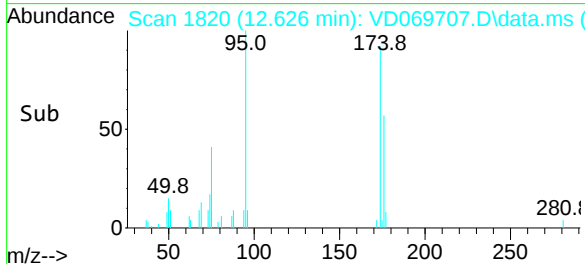
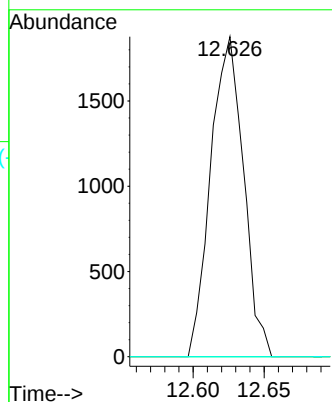
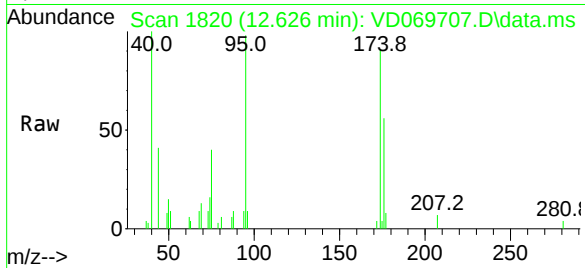




#81
trans-1,4-Dichloro-2-butene
Concen: 113.732 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

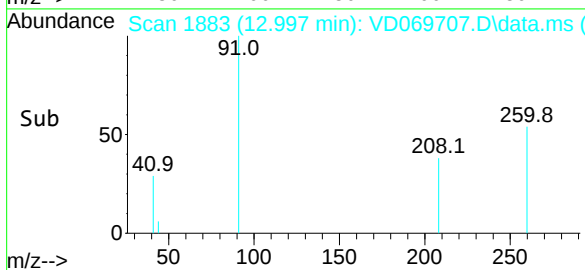
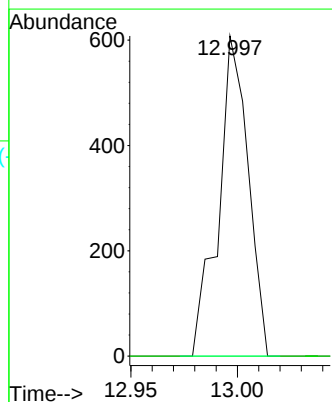
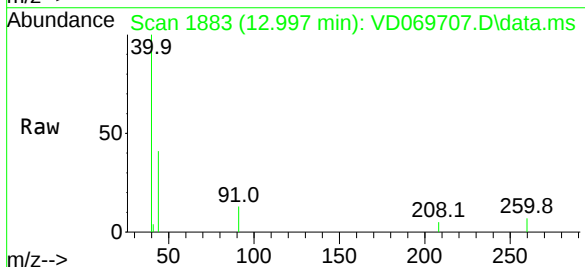
Instrument :
MSVOA_D
ClientSampled :

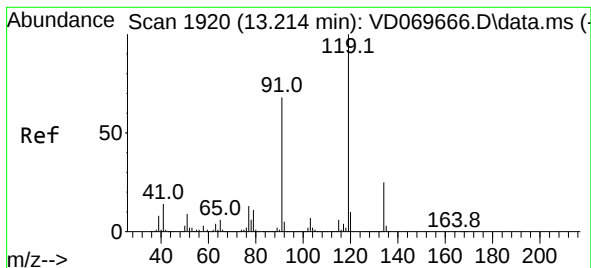
Tgt Ion: 75 Resp: 3016
Ion Ratio Lower Upper
75 100
53 0.0 70.6 106.0#
89 0.0 35.1 52.7#



#82
4-Chlorotoluene
Concen: 1.446 ug/l
RT: 12.997 min Scan# 1883
Delta R.T. 0.001 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion: 91 Resp: 591
Ion Ratio Lower Upper
91 100
126 0.0 16.2 48.5#

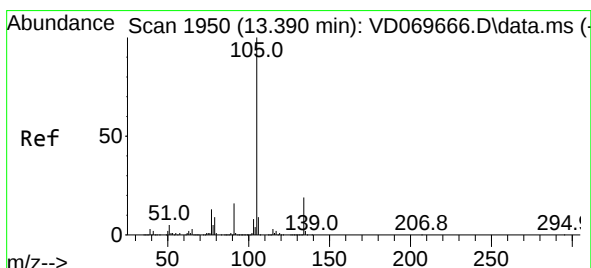
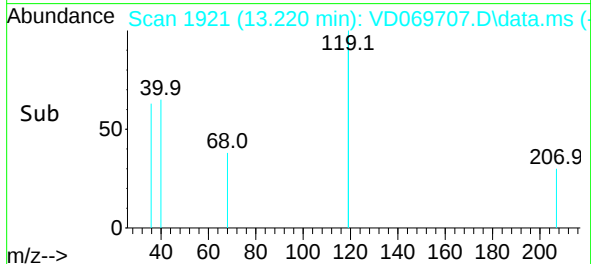
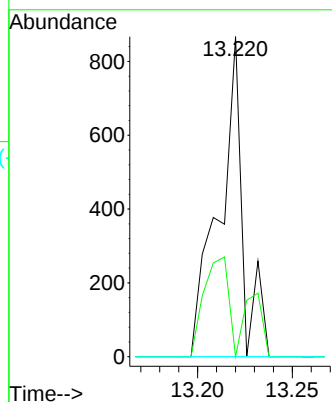
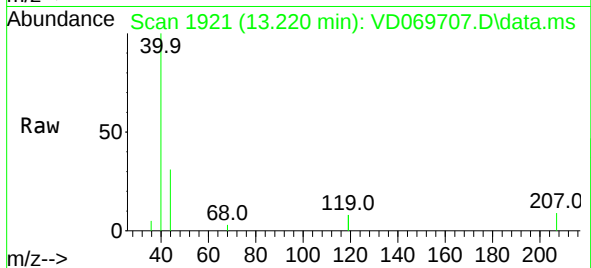




#83
tert-Butylbenzene
Concen: 2.090 ug/l
RT: 13.220 min Scan# 1921
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

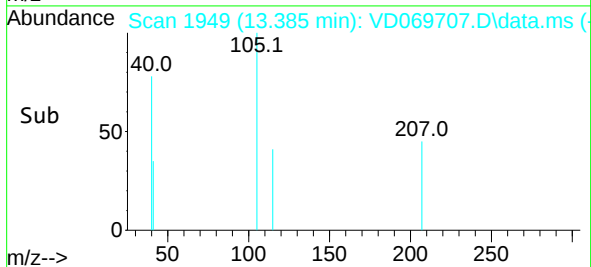
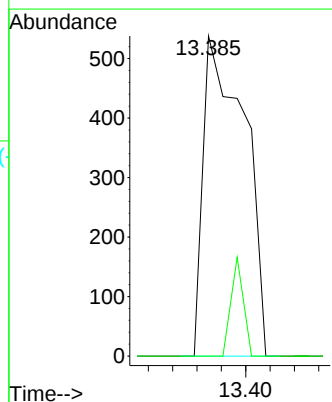
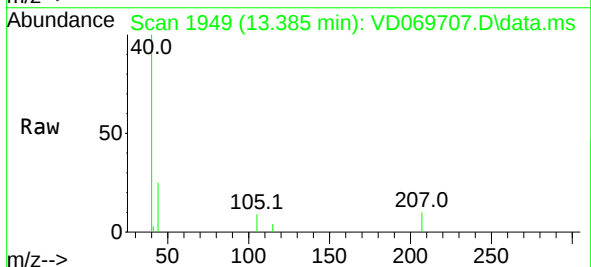
Instrument :
MSVOA_D
ClientSampled :

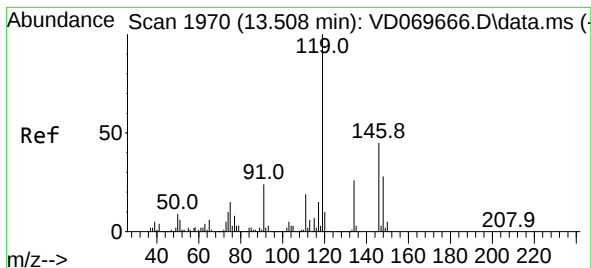
Tgt Ion:119 Resp: 755
Ion Ratio Lower Upper
119 100
91 32.2 34.3 102.9#
134 0.0 13.2 39.5#



#85
sec-Butylbenzene
Concen: 1.113 ug/l
RT: 13.385 min Scan# 1949
Delta R.T. -0.005 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:105 Resp: 632
Ion Ratio Lower Upper
105 100
134 9.3 9.4 28.3#

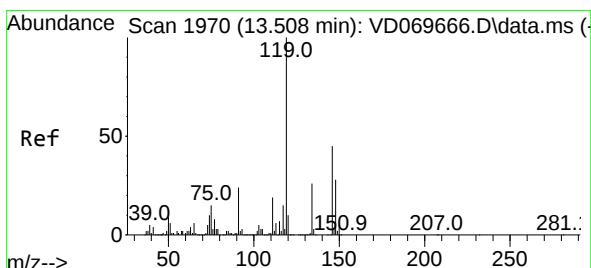
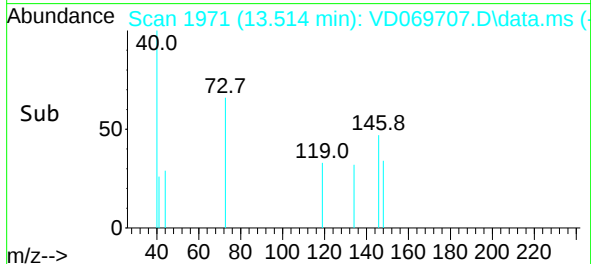
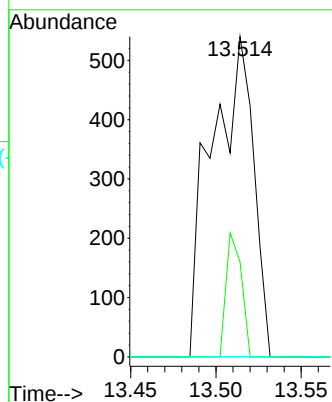
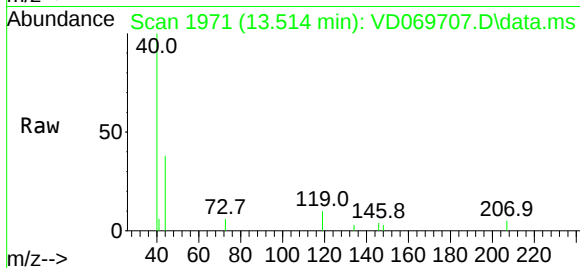




#86
p-Isopropyltoluene
Concen: 1.994 ug/l
RT: 13.514 min Scan# 1971
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

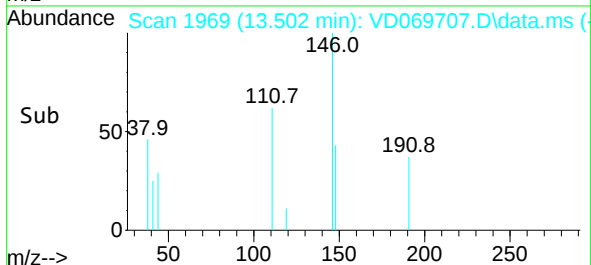
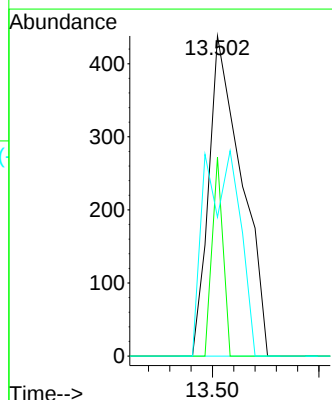
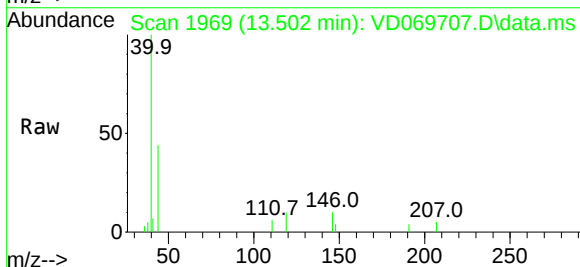
Instrument :
MSVOA_D
ClientSampled :

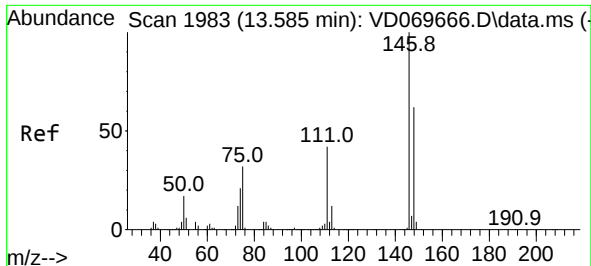
Tgt Ion:119 Resp: 922
Ion Ratio Lower Upper
119 100
134 14.1 12.8 38.3
91 0.0 12.0 36.0#



#87
1,3-Dichlorobenzene
Concen: 1.953 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

Tgt Ion:146 Resp: 470
Ion Ratio Lower Upper
146 100
111 20.4 21.6 65.0#
148 68.7 31.4 94.2

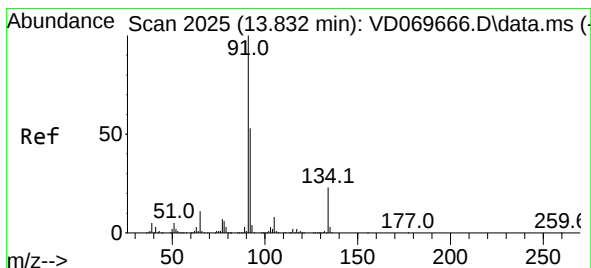
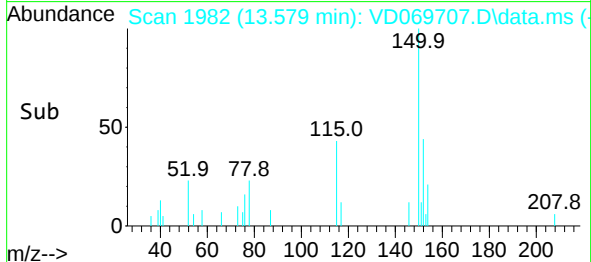
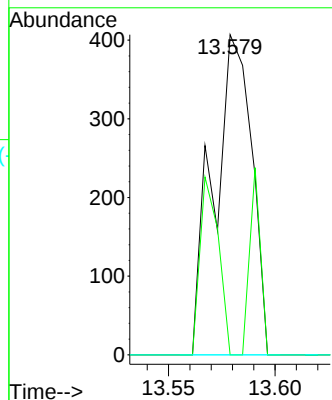
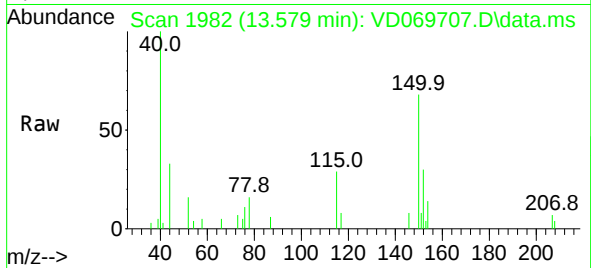




#88
1,4-Dichlorobenzene
Concen: 2.097 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. -0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

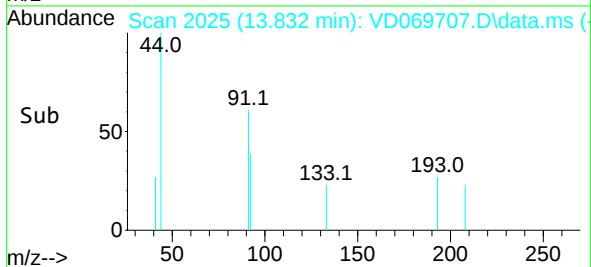
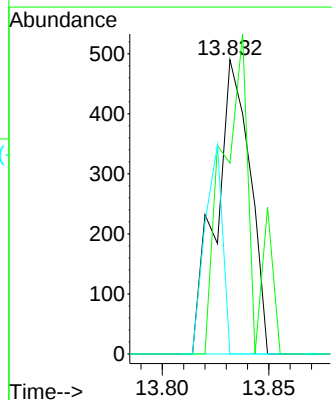
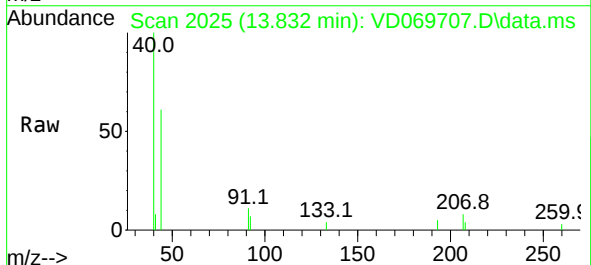
Instrument :
MSVOA_D
ClientSampled :

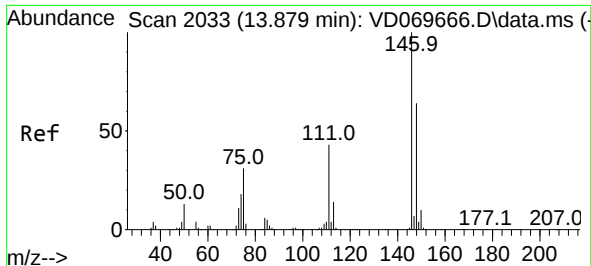
Tgt Ion:146 Resp: 504
Ion Ratio Lower Upper
146 100
111 16.7 20.8 62.5#
148 0.0 31.4 94.3#



#89
n-Butylbenzene
Concen: 1.194 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

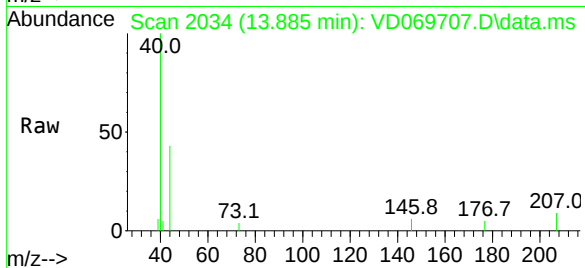
Tgt Ion: 91 Resp: 547
Ion Ratio Lower Upper
91 100
92 93.1 26.6 79.8#
134 36.6 11.7 35.1#



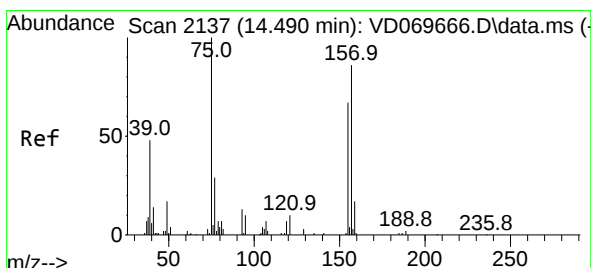
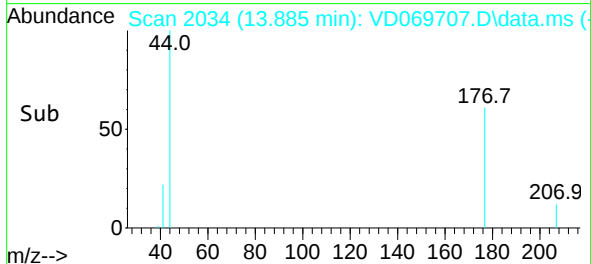
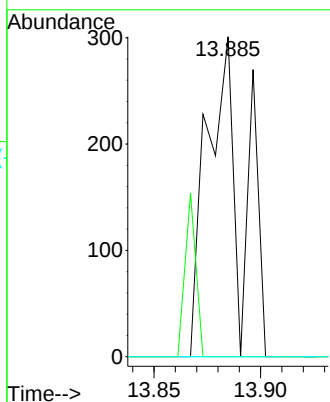


#91
1,2-Dichlorobenzene
Concen: 1.682 ug/l
RT: 13.885 min Scan# 2034
Delta R.T. 0.006 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

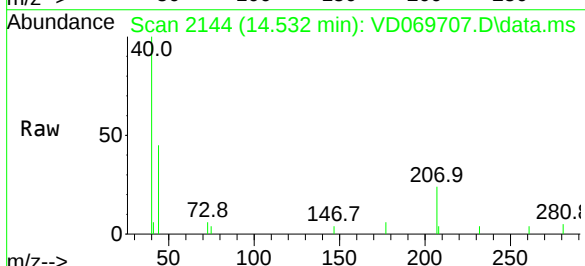
Instrument :
MSVOA_D
ClientSampled :



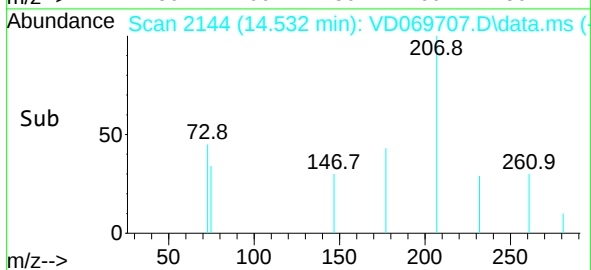
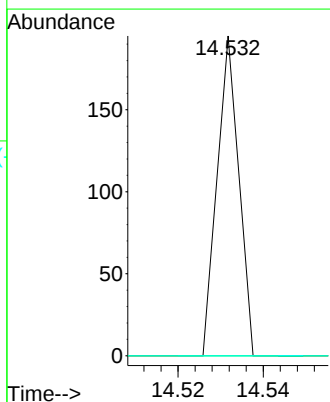
Tgt Ion:146 Resp: 349
Ion Ratio Lower Upper
146 100
111 15.5 21.9 65.5#
148 0.0 32.2 96.6#

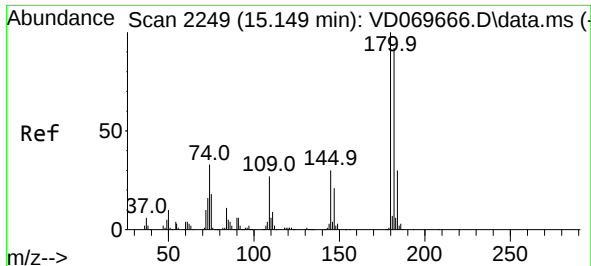


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.452 ug/l
RT: 14.532 min Scan# 2144
Delta R.T. 0.042 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09



Tgt Ion: 75 Resp: 69
Ion Ratio Lower Upper
75 100
155 0.0 35.9 107.7#
157 0.0 45.6 136.9#

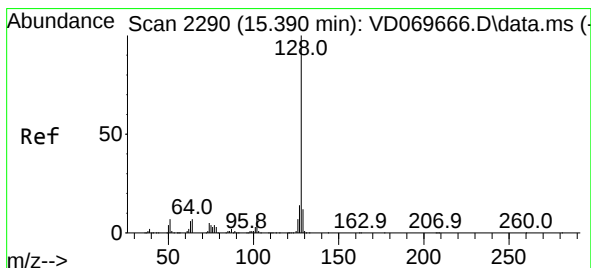
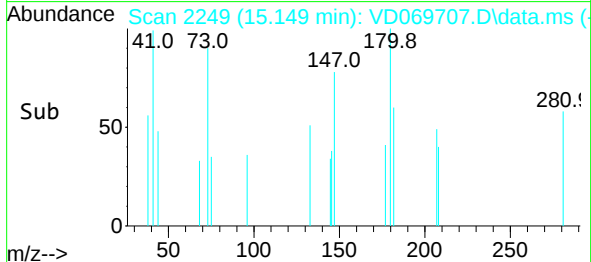
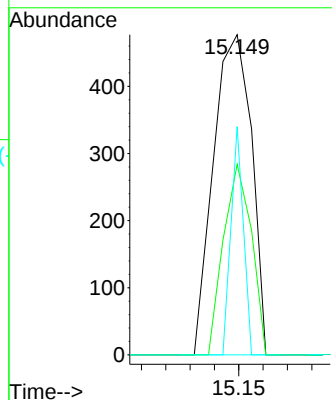
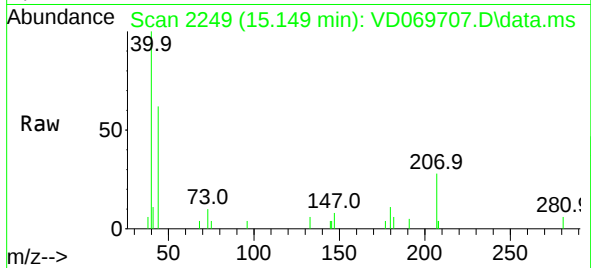




#93
1,2,4-Trichlorobenzene
Concen: 4.481 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

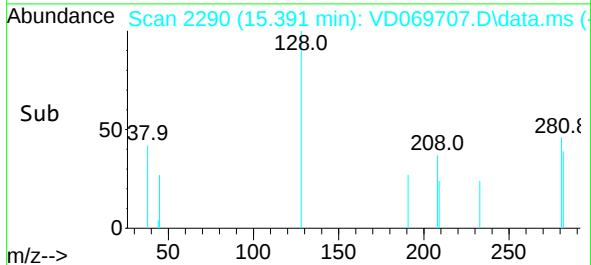
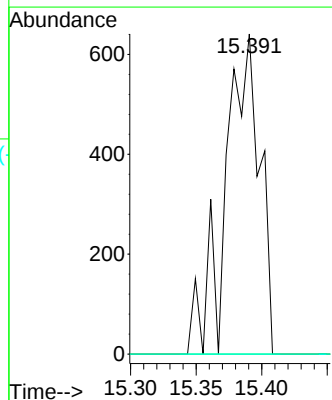
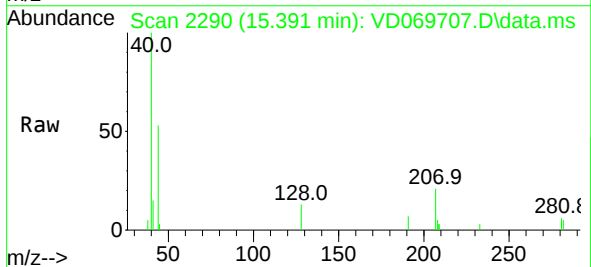
Instrument :
MSVOA_D
ClientSampled :

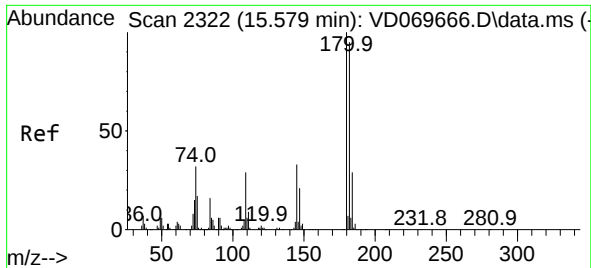
Tgt Ion:180 Resp: 517
Ion Ratio Lower Upper
180 100
182 43.7 46.4 139.2#
145 23.2 15.5 46.5



#95
Naphthalene
Concen: 7.020 ug/l
RT: 15.391 min Scan# 2290
Delta R.T. 0.001 min
Lab File: VD069707.D
Acq: 15 Jul 2021 15:09

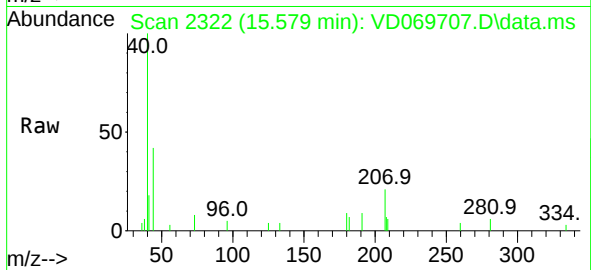
Tgt Ion:128 Resp: 1169
Ion Ratio Lower Upper
128 100
127 0.0 10.6 16.0#
129 0.0 8.8 13.2#





#96
 1,2,3-Trichlorobenzene
 Concen: 5.742 ug/l
 RT: 15.579 min Scan# 2322
 Delta R.T. -0.000 min
 Lab File: VD069707.D
 Acq: 15 Jul 2021 15:09

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	57.6	48.0	144.2
145	11.1	17.2	51.5#

