

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD091021\
 Data File : VD070307.D
 Acq On : 10 Sep 2021 18:42
 Operator : VA/SY
 Sample : M3684-08
 Misc : 8.95G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

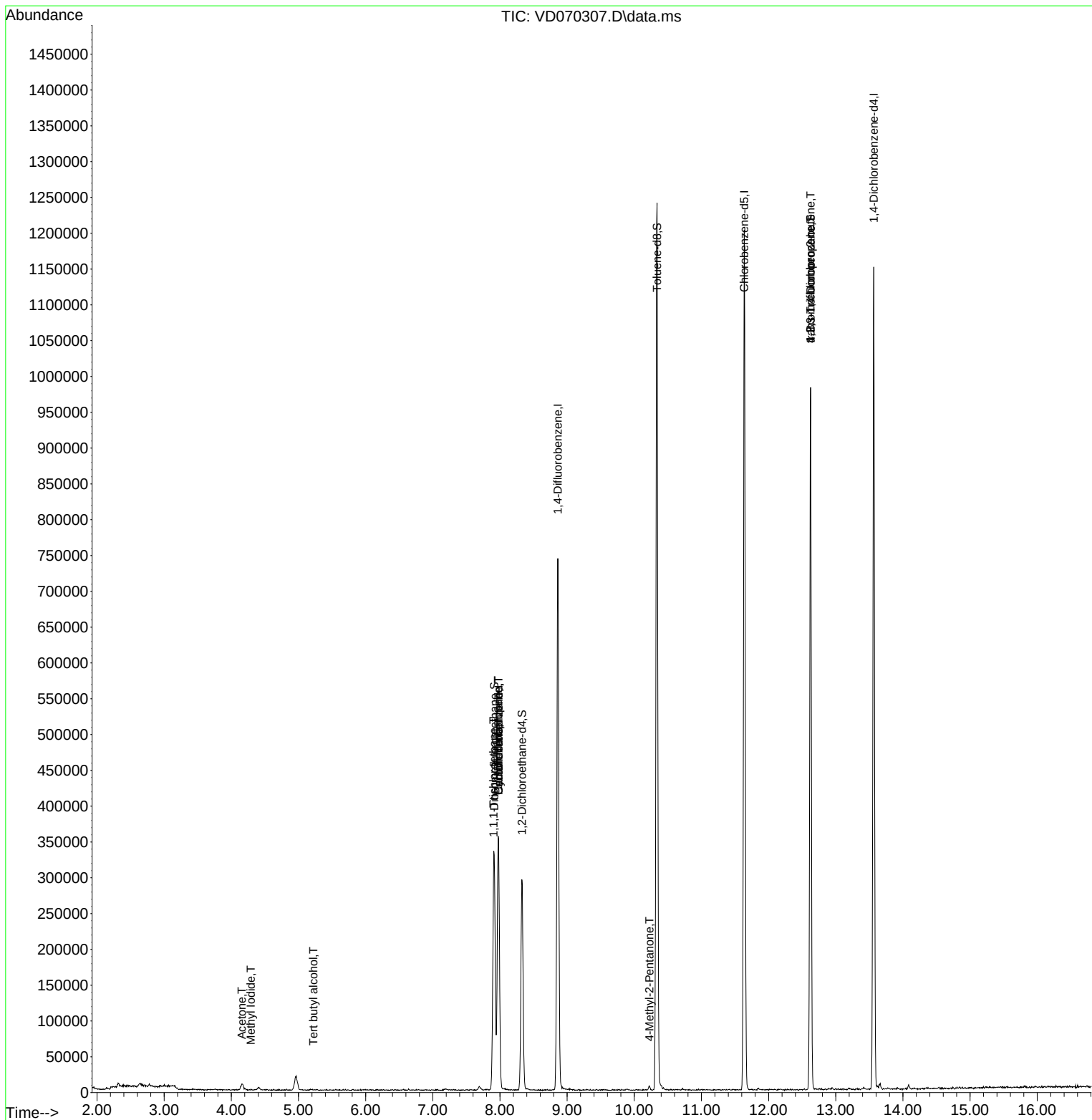
Quant Time: Sep 11 02:28:11 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 03:07:09 2021
 Response via : Initial Calibration

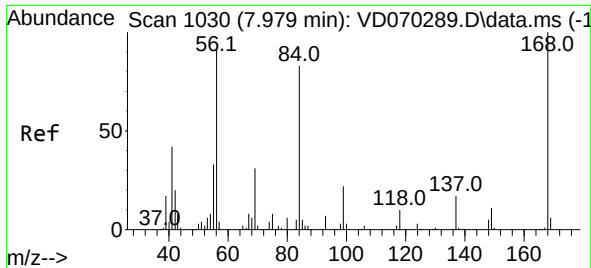
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	254435	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	618016	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	692069	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	295632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	230525	70.562	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 141.120%			
35) Dibromofluoromethane	7.914	113	243974	55.460	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.920%			
50) Toluene-d8	10.338	98	854762	53.516	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 107.040%			
62) 4-Bromofluorobenzene	12.626	95	304178	54.492	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 108.980%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.209	50	1171	Below Cal	#	86
5) Bromomethane	2.785	94	1517	Below Cal	#	73
6) Chloroethane	2.909	64	226	Below Cal	#	43
10) Methyl Iodide	4.291	142	122	1.067	ug/l #	85
11) Tert butyl alcohol	5.220	59	685	1.854	ug/l #	100
16) Acetone	4.156	43	15803	27.094	ug/l	97
18) Methyl Acetate	4.685	43	79	Below Cal	#	48
20) Methylene Chloride	4.968	84	15871	Below Cal		96
31) Cyclohexane	7.979	56	6739	1.197	ug/l #	1
32) 1,1,1-Trichloroethane	7.903	97	14267	2.508	ug/l	97
36) 1,1-Dichloropropene	7.973	75	23717	3.590	ug/l #	48
38) Carbon Tetrachloride	7.979	117	27952	4.278	ug/l #	17
51) 4-Methyl-2-Pentanone	10.226	43	3715	1.572	ug/l	96
76) 1,2,3-Trichloropropane	12.626	75	153463	51.319	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	153463	128.585	ug/l #	17

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Quant Time: Sep 11 02:28:11 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D090821S.M
Quant Title : SW846 8260
QLast Update : Thu Sep 09 03:07:09 2021
Response via : Initial Calibration

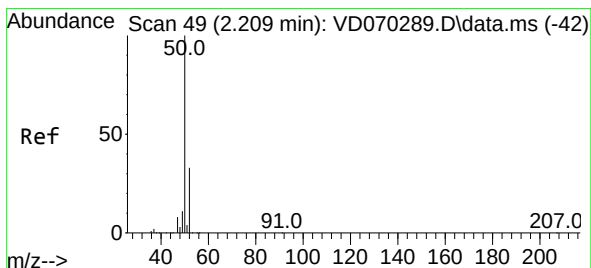
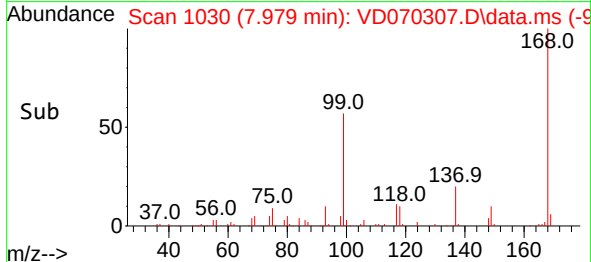
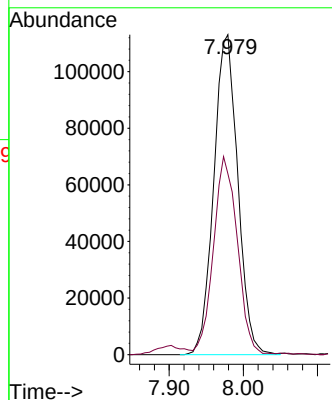
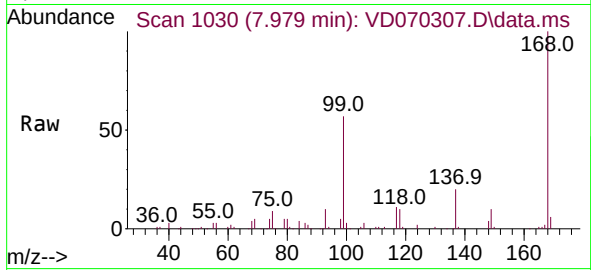




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

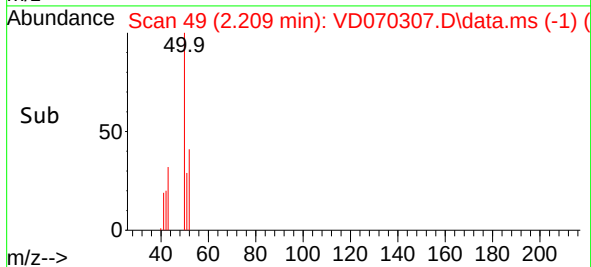
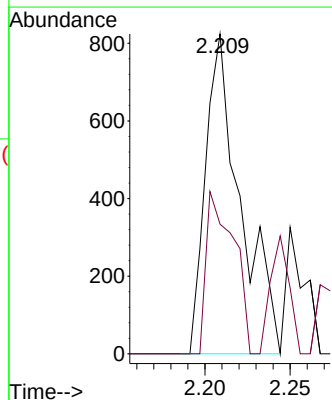
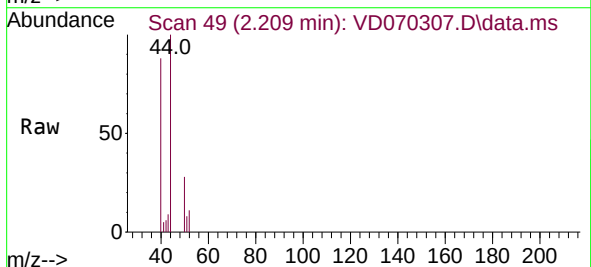
Instrument :
MSVOA_D
ClientSampleId :

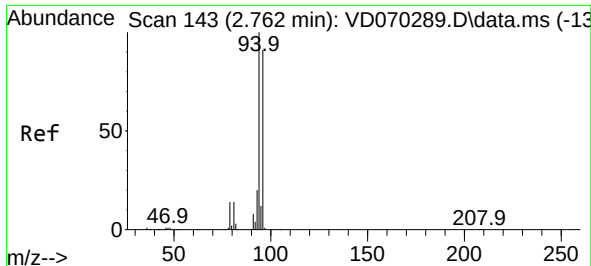
Tgt Ion:168 Resp: 254435
Ion Ratio Lower Upper
168 100
99 56.0 50.8 76.2



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 50 Resp: 1171
Ion Ratio Lower Upper
50 100
52 40.5 26.2 39.2#

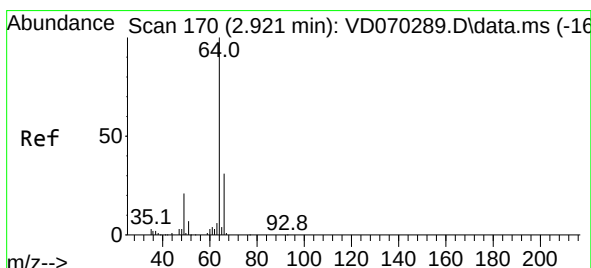
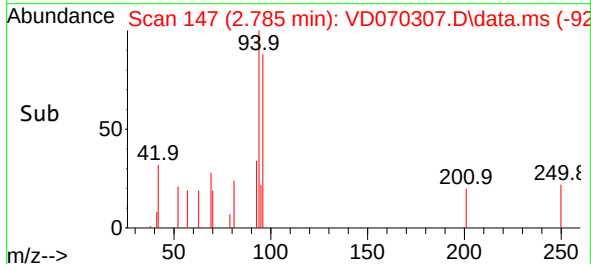
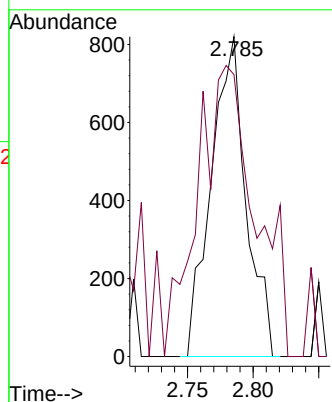
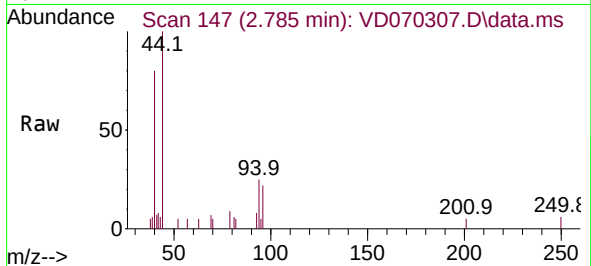




#5
Bromomethane
Concen: Below Cal
RT: 2.785 min Scan# 147
Delta R.T. 0.023 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

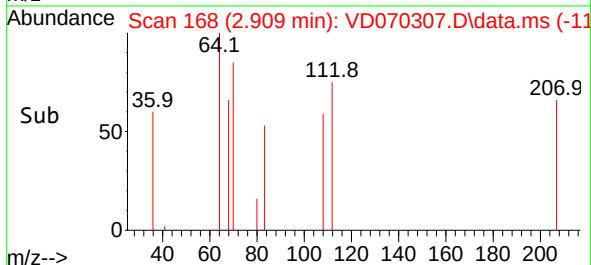
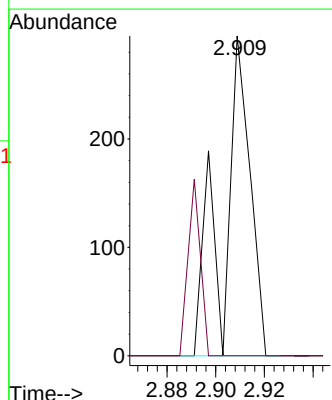
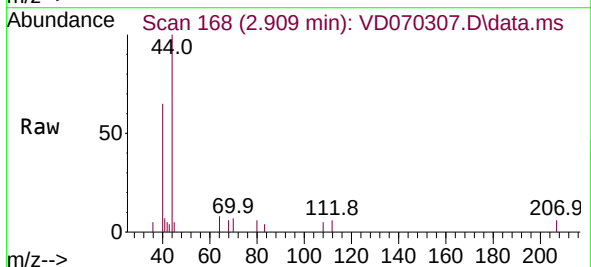
Instrument :
MSVOA_D
ClientSampled :

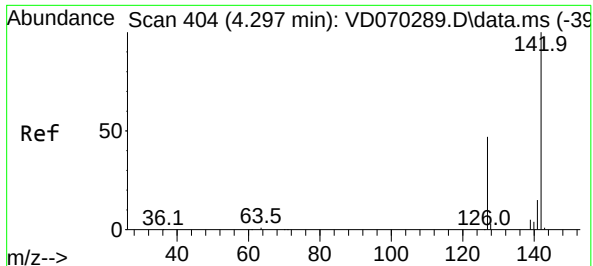
Tgt Ion: 94 Resp: 1517
Ion Ratio Lower Upper
94 100
96 65.6 73.0 109.6#



#6
Chloroethane
Concen: Below Cal
RT: 2.909 min Scan# 168
Delta R.T. -0.012 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 64 Resp: 226
Ion Ratio Lower Upper
64 100
66 0.0 25.0 37.4#

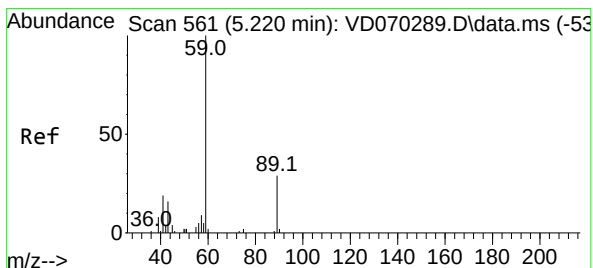
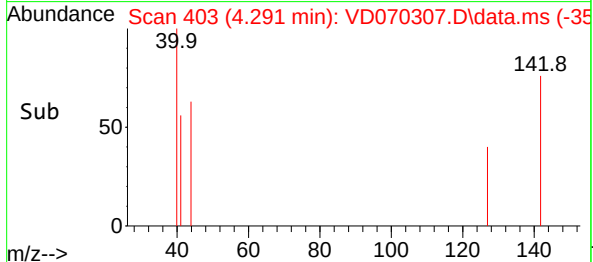
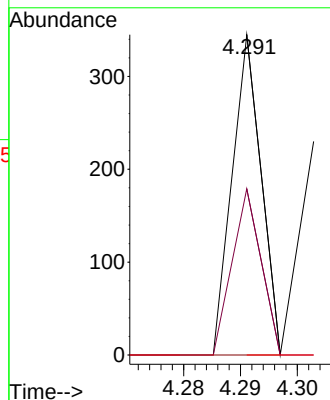
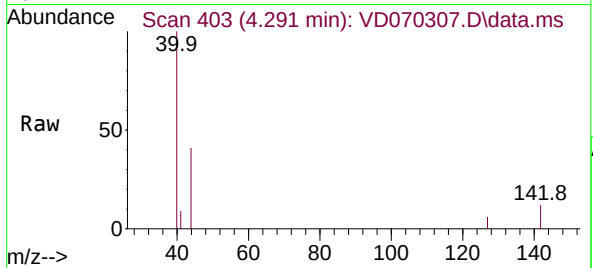




#10
Methyl Iodide
Concen: 1.067 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

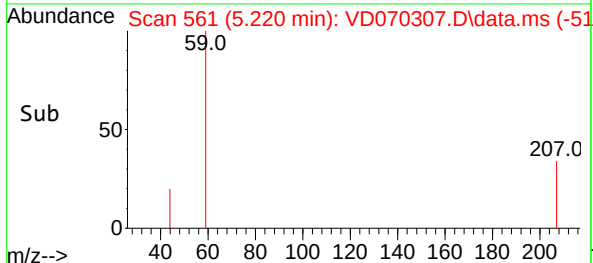
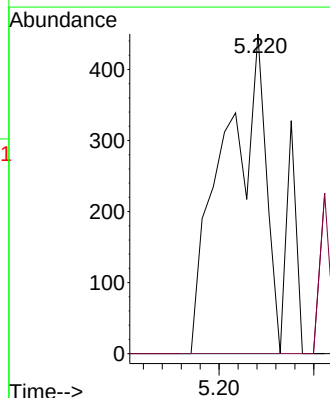
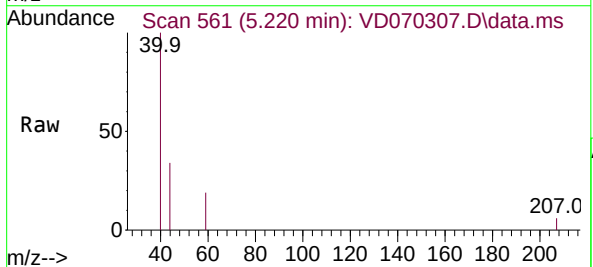
Instrument :
MSVOA_D
ClientSampled :

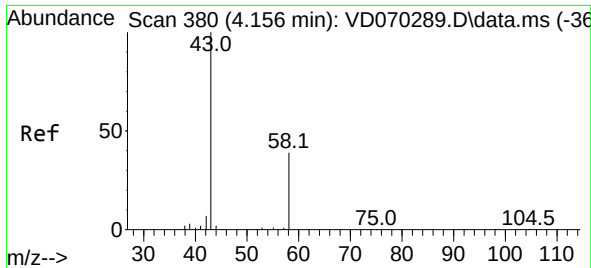
Tgt Ion:142 Resp: 122
Ion Ratio Lower Upper
142 100
127 51.6 36.9 55.3
141 0.0 11.8 17.6#



#11
Tert butyl alcohol
Concen: 1.854 ug/l
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 59 Resp: 685
Ion Ratio Lower Upper
59 100
57 0.0 0.0 0.0

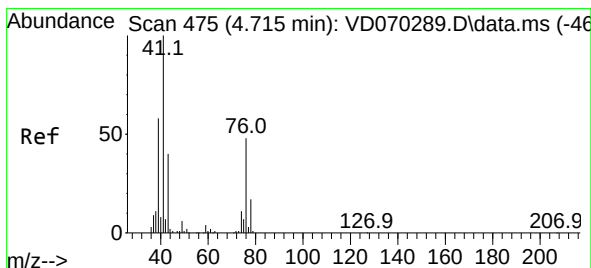
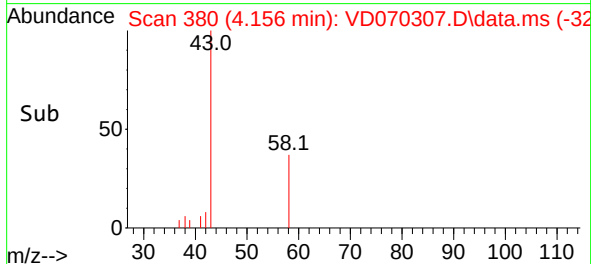
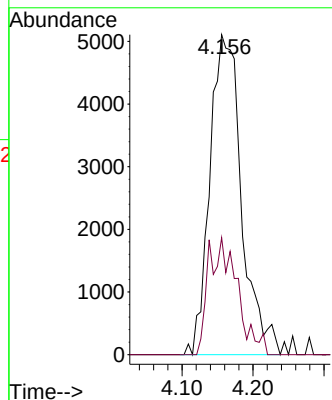
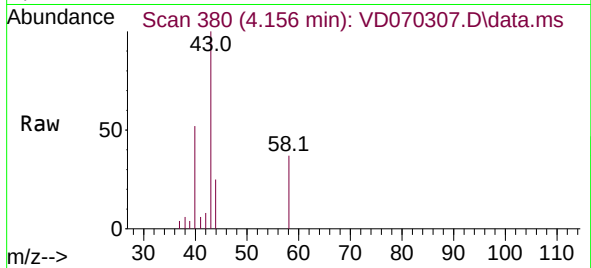




#16
Acetone
Concen: 27.094 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

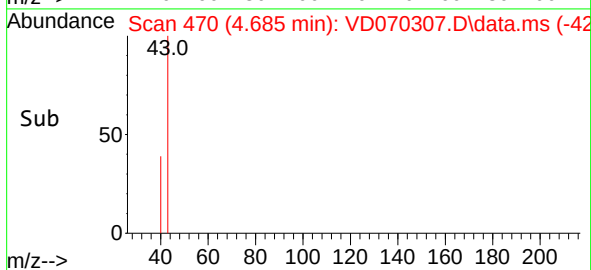
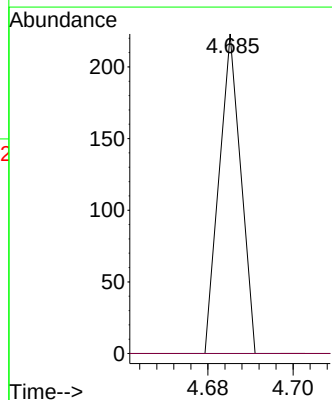
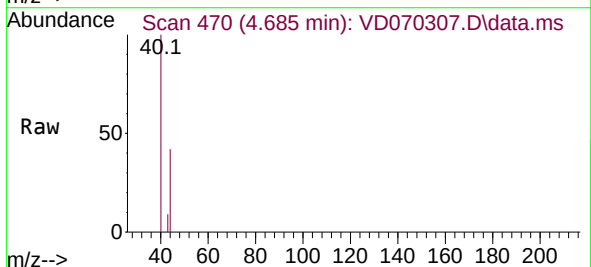
Instrument :
MSVOA_D
ClientSampled :

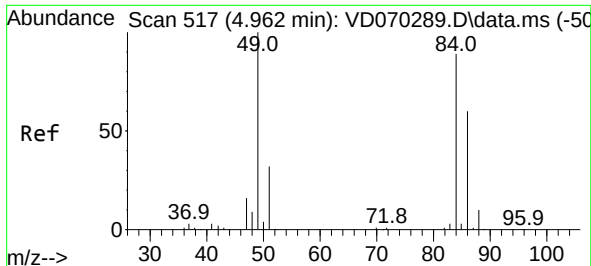
Tgt Ion: 43 Resp: 15803
Ion Ratio Lower Upper
43 100
58 36.6 30.9 46.3



#18
Methyl Acetate
Concen: Below Cal
RT: 4.685 min Scan# 470
Delta R.T. -0.030 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 43 Resp: 79
Ion Ratio Lower Upper
43 100
74 0.0 21.6 32.4#

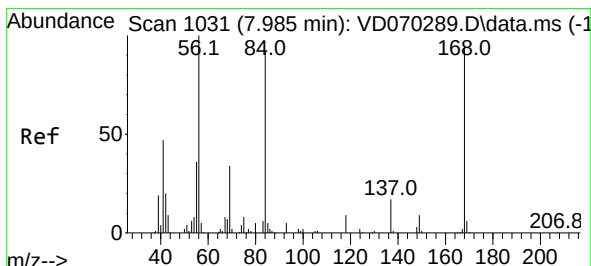
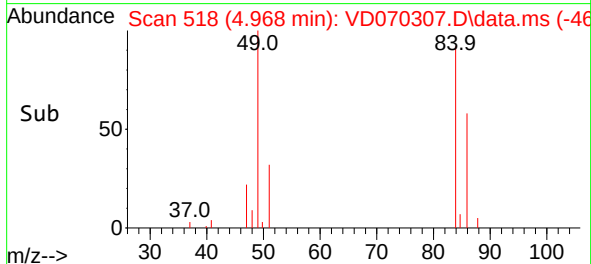
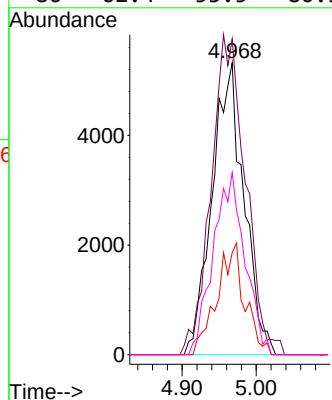
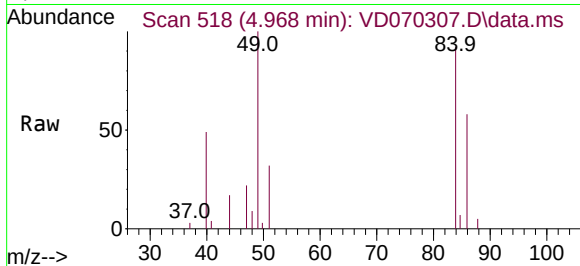




#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

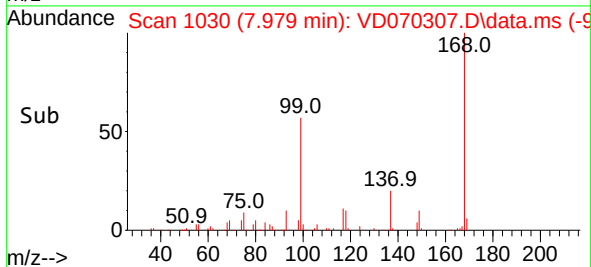
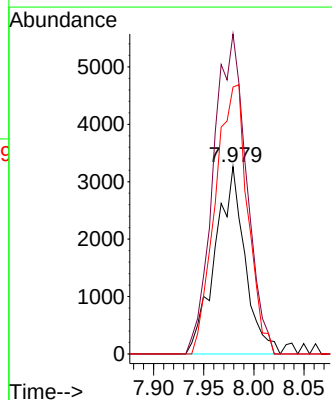
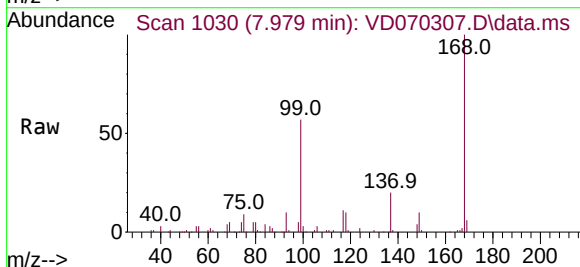
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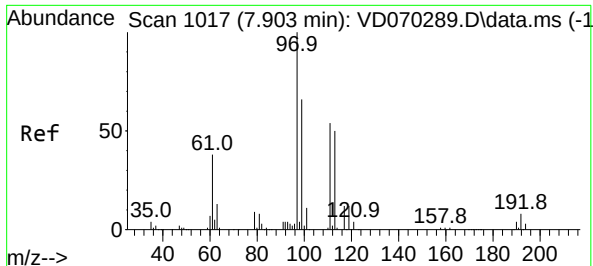
Tgt Ion:	84	Resp:	15871
Ion	Ratio	Lower	Upper
84	100		
49	108.2	89.6	134.4
51	35.0	28.6	43.0
86	62.4	53.5	80.3



#31
Cyclohexane
Concen: 1.197 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion:	56	Resp:	6739
Ion	Ratio	Lower	Upper
56	100		
69	170.8	26.9	40.3#
84	142.5	73.6	110.4#

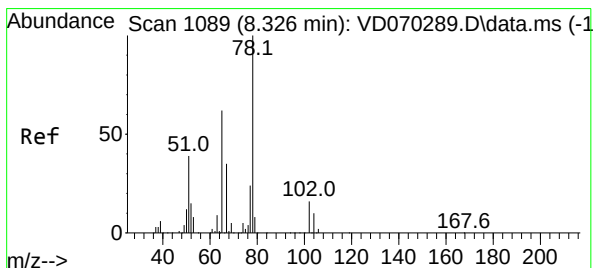
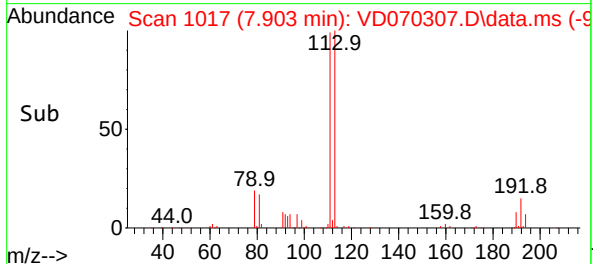
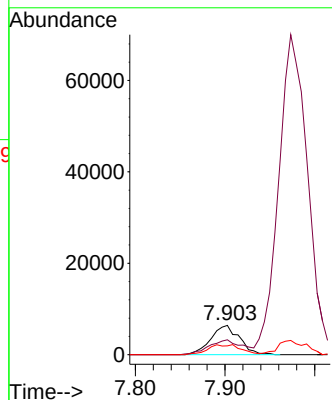
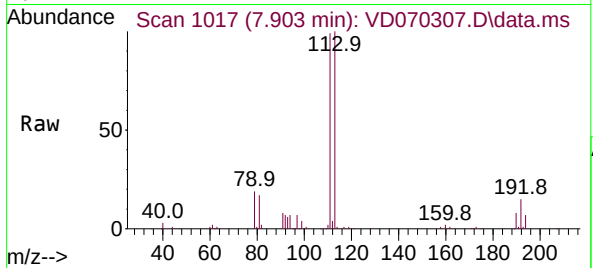




#32
1,1,1-Trichloroethane
Concen: 2.508 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

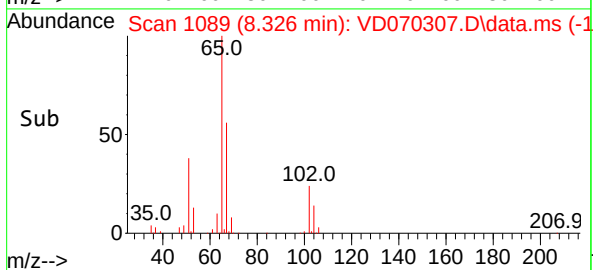
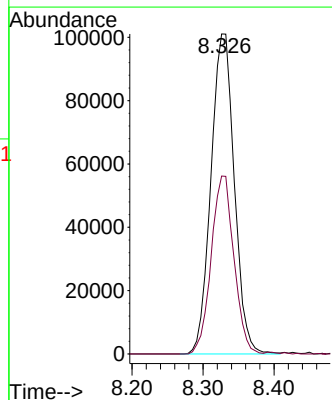
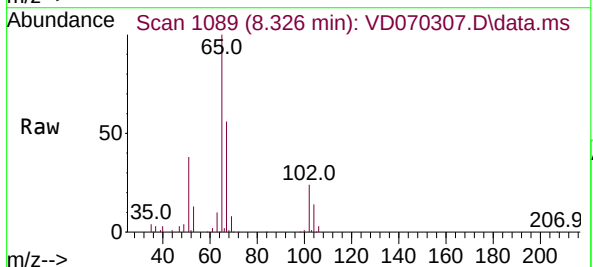
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MSVOA_D
ClientSampleId :

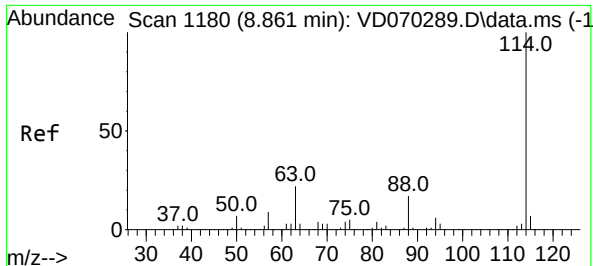
Tgt Ion: 97 Resp: 14267
Ion Ratio Lower Upper
97 100
99 60.0 51.1 76.7
61 39.0 31.4 47.0



#33
1,2-Dichloroethane-d4
Concen: 70.562 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 65 Resp: 230525
Ion Ratio Lower Upper
65 100
67 54.2 0.0 111.4

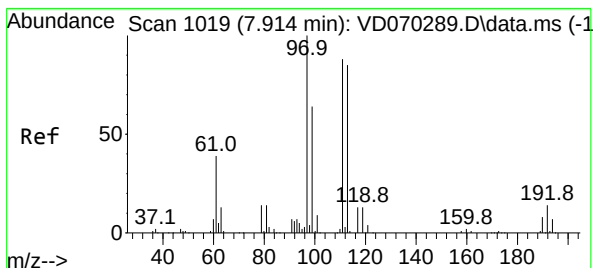
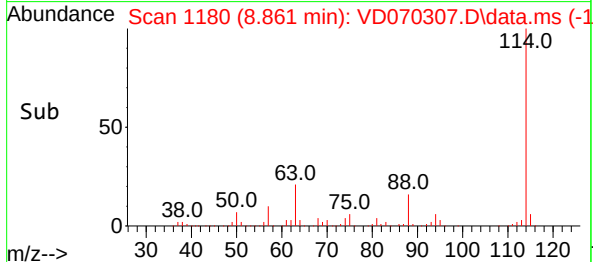
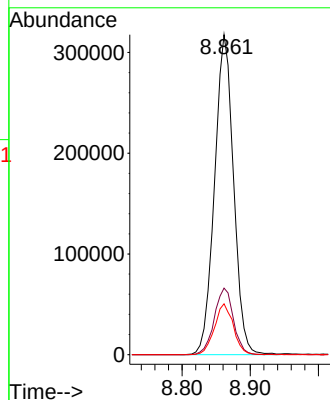
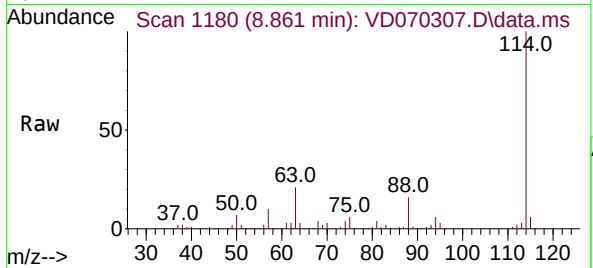




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

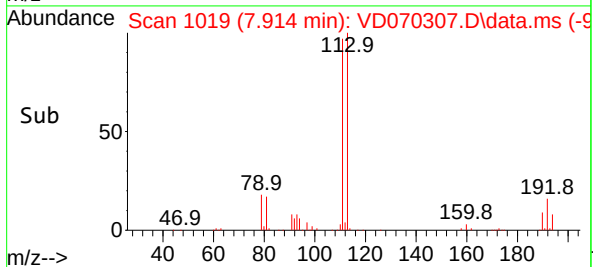
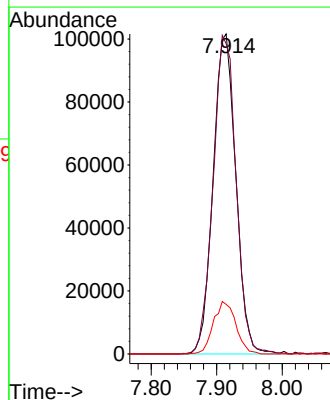
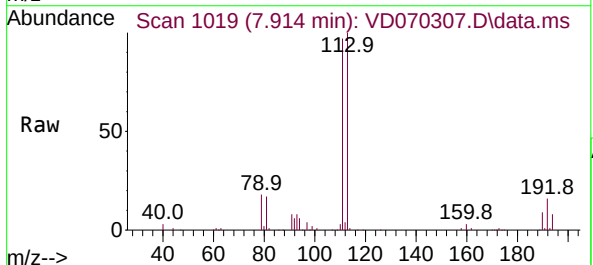
Instrument :
MSVOA_D
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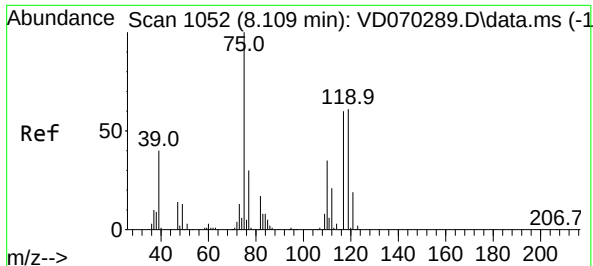
Tgt Ion:114 Resp: 618016
Ion Ratio Lower Upper
114 100
63 20.8 0.0 43.4
88 15.9 0.0 33.4



#35
Dibromofluoromethane
Concen: 55.460 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion:113 Resp: 243974
Ion Ratio Lower Upper
113 100
111 100.8 81.4 122.2
192 16.2 13.0 19.6

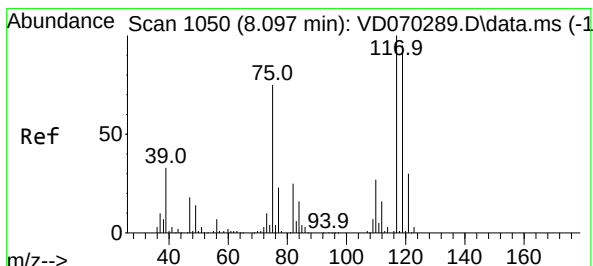
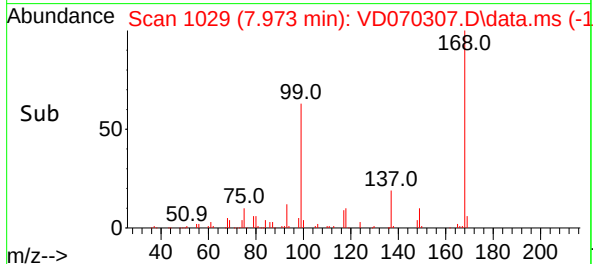
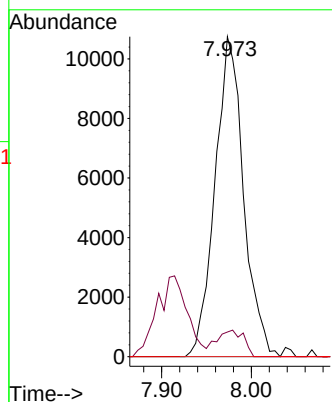
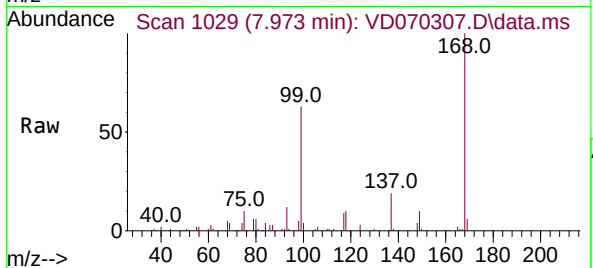




#36
1,1-Dichloropropene
Concen: 3.590 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.135 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

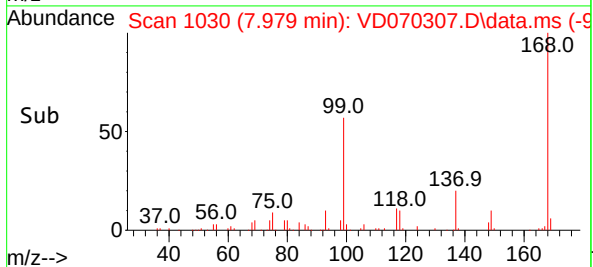
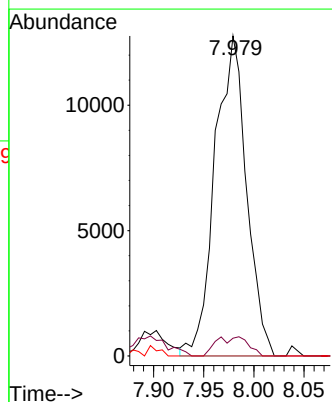
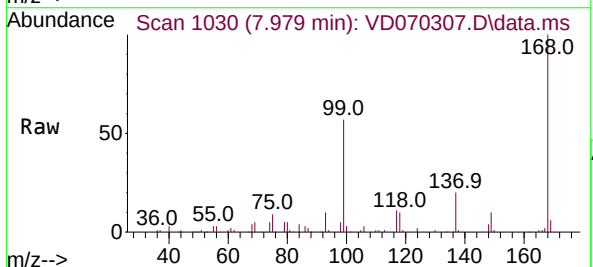
Instrument :
MSVOA_D
ClientSampled :

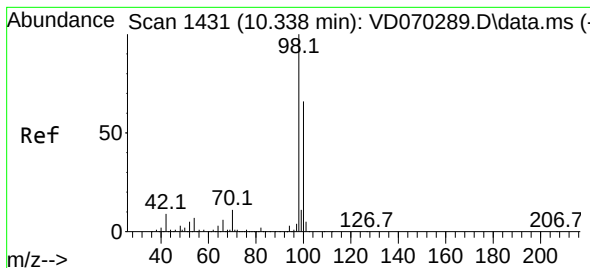
Tgt Ion: 75 Resp: 23717
Ion Ratio Lower Upper
75 100
110 7.8 17.9 53.7#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 4.278 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.118 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 117 Resp: 27952
Ion Ratio Lower Upper
117 100
119 5.6 76.1 114.1#
121 0.0 23.8 35.6#

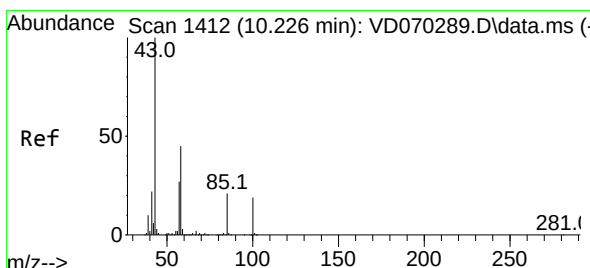
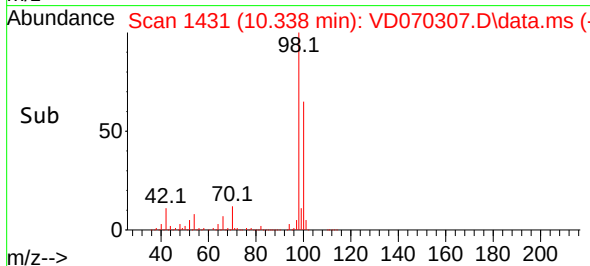
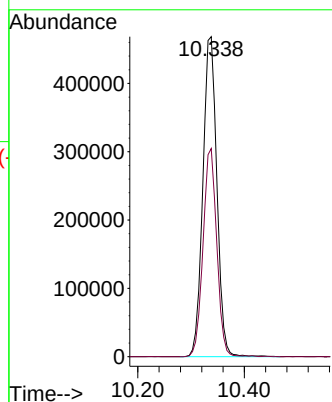
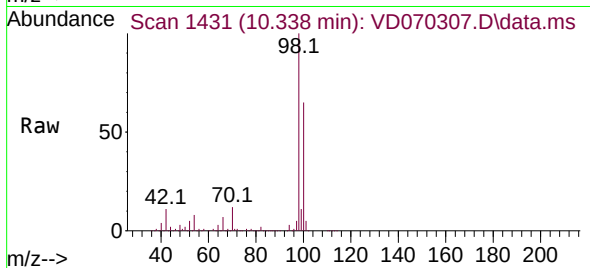




#50
Toluene-d8
Concen: 53.516 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

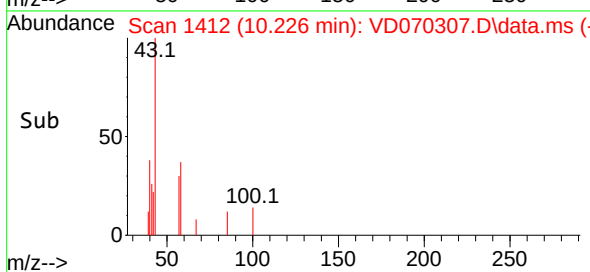
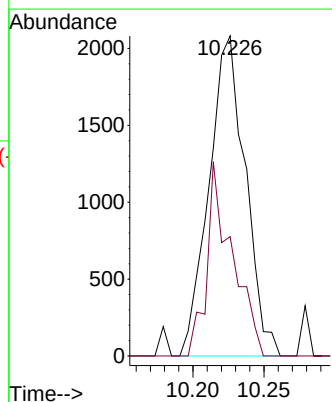
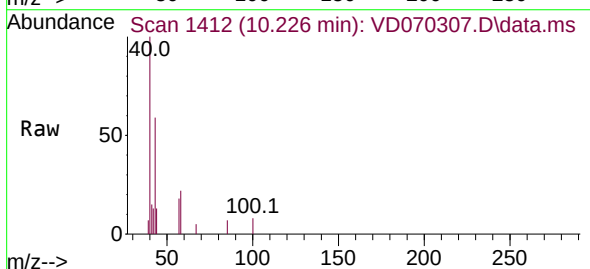
Instrument :
MSVOA_D
ClientSampled :

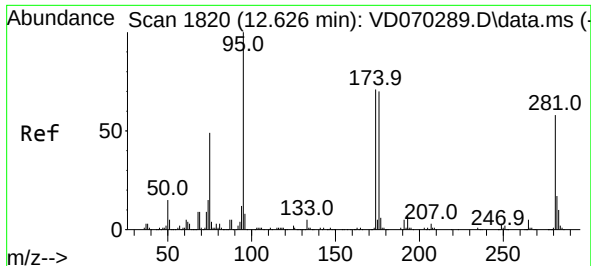
Tgt Ion: 98 Resp: 854762
Ion Ratio Lower Upper
98 100
100 63.7 52.0 78.0



#51
4-Methyl-2-Pentanone
Concen: 1.572 ug/l
RT: 10.226 min Scan# 1412
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 43 Resp: 3715
Ion Ratio Lower Upper
43 100
58 42.0 35.4 53.2

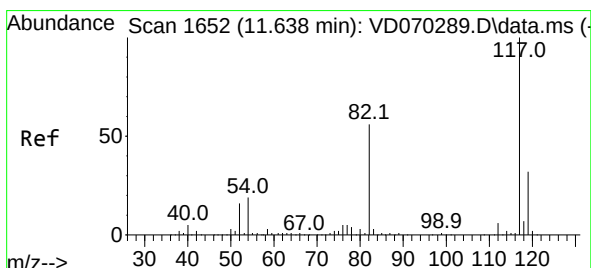
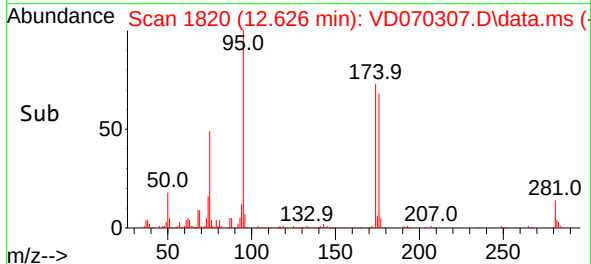
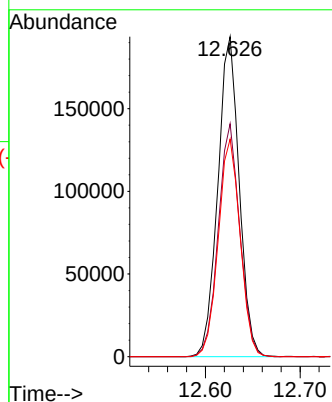
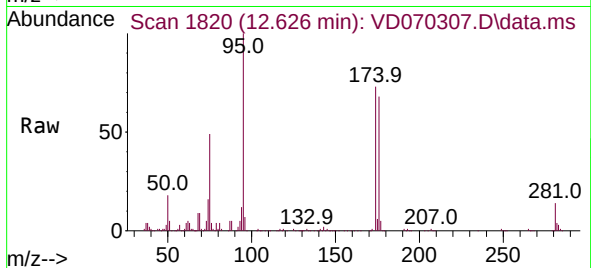




#62
4-Bromofluorobenzene
Concen: 54.492 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

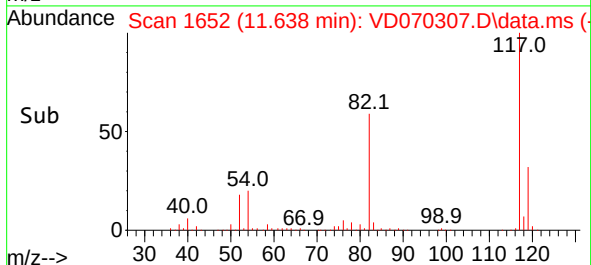
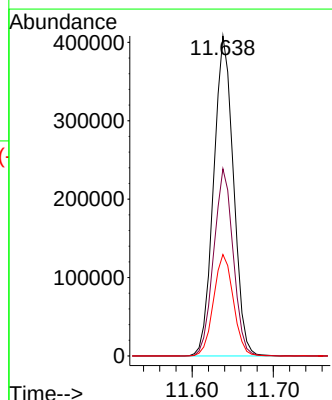
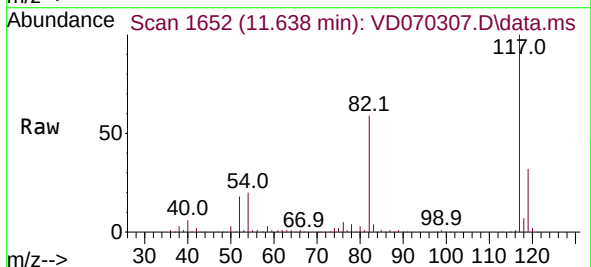
Instrument :
MSVOA_D
ClientSampleId :

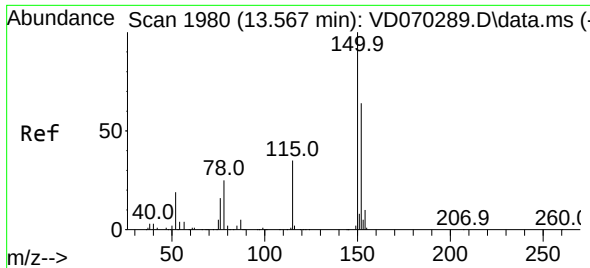
Tgt Ion: 95 Resp: 304178
Ion Ratio Lower Upper
95 100
174 73.3 0.0 140.6
176 69.2 0.0 137.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

Tgt Ion: 117 Resp: 692069
Ion Ratio Lower Upper
117 100
82 58.5 45.0 67.4
119 31.7 25.2 37.8

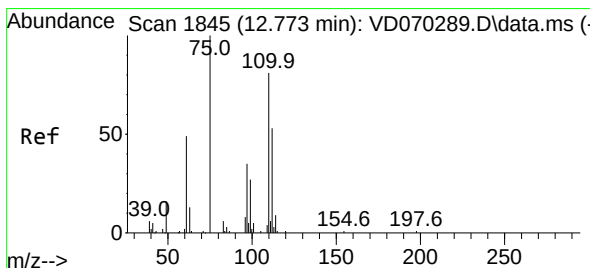
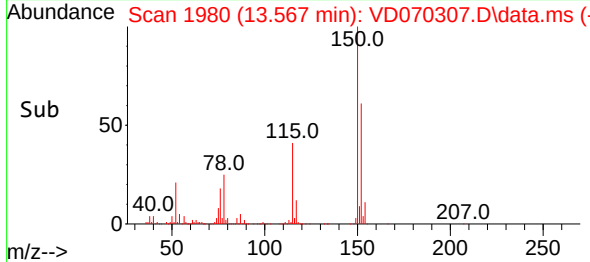
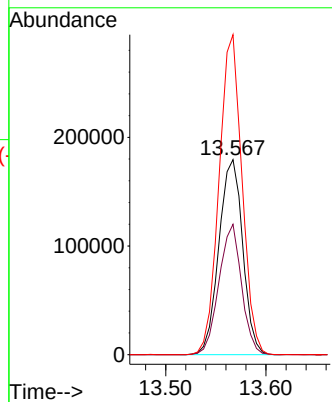
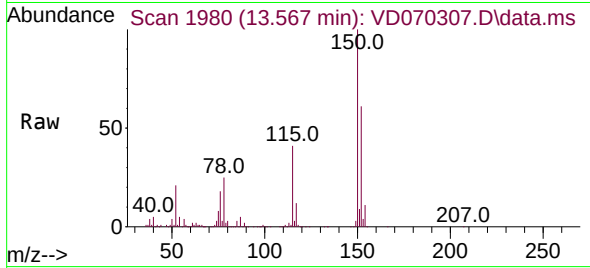




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

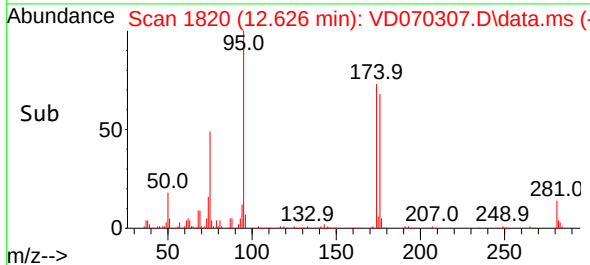
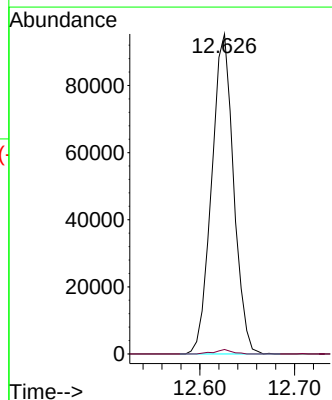
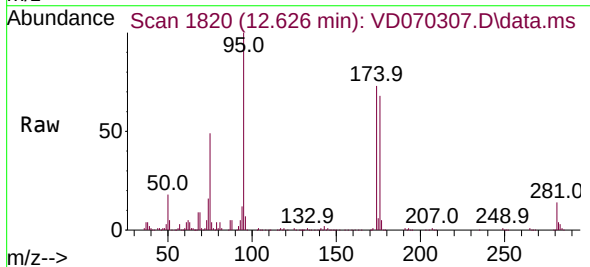
Instrument :
MSVOA_D
ClientSampleId :

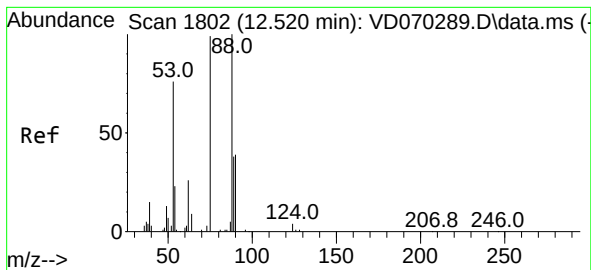
Tgt Ion:152 Resp: 295632
Ion Ratio Lower Upper
152 100
115 63.4 32.1 96.3
150 158.1 0.0 350.6



#76
1,2,3-Trichloropropane
Concen: 51.319 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070307.D
Acq: 10 Sep 2021 18:42

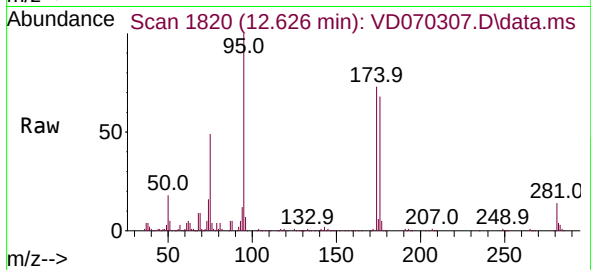
Tgt Ion: 75 Resp: 153463
Ion Ratio Lower Upper
75 100
77 1.1 174.9 524.7#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.585 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070307.D
 Acq: 10 Sep 2021 18:42

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 153463
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.2 96.2#
 89 0.0 35.6 53.4#

