

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010721\
 Data File : VD068030.D
 Acq On : 07 Jan 2021 13:23
 Operator : VA/SY
 Sample : M1019-01RE
 Misc : 5.89G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20410

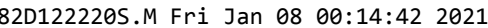
Quant Time: Jan 08 00:14:35 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

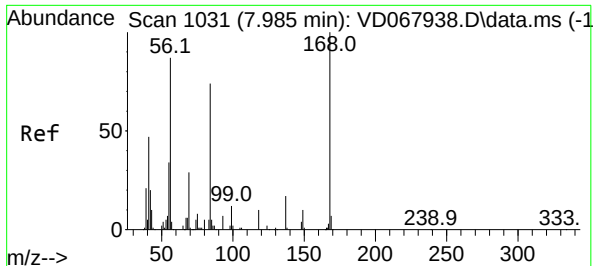
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	282096	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	557660	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	539424	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	234575	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195718	64.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 128.50%			
35) Dibromofluoromethane	7.920	113	198657	56.54	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.08%			
50) Toluene-d8	10.344	98	713354	54.01	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 108.02%			
62) 4-Bromofluorobenzene	12.638	95	230558	51.03	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.06%			
Target Compounds						
5) Bromomethane	2.762	94	259	Below Cal	#	1
10) Methyl Iodide	4.291	142	62	3.87 ug/l	#	41
20) Methylene Chloride	4.973	84	2392	Below Cal	#	69
31) Cyclohexane	7.985	56	7259	1.17 ug/l	#	1
36) 1,1-Dichloropropene	7.979	75	26599	4.49 ug/l	#	49
38) Carbon Tetrachloride	7.985	117	30658	5.42 ug/l	#	16
51) 4-Methyl-2-Pentanone	10.344	43	3531	1.55 ug/l	#	1
76) 1,2,3-Trichloropropane	12.632	75	116144	58.81 ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.632	75	116144	120.54 ug/l	#	13

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

Quant Time: Jan 08 00:14:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
Quant Title : SW846 8260
QLast Update : Wed Dec 23 07:34:16 2020
Response via : Initial Calibration

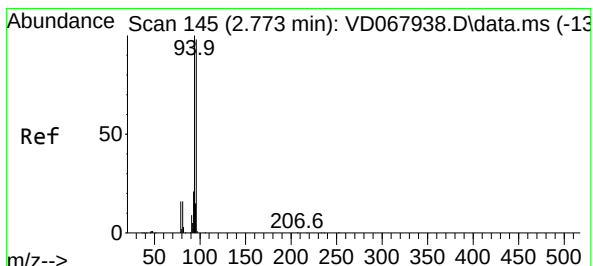
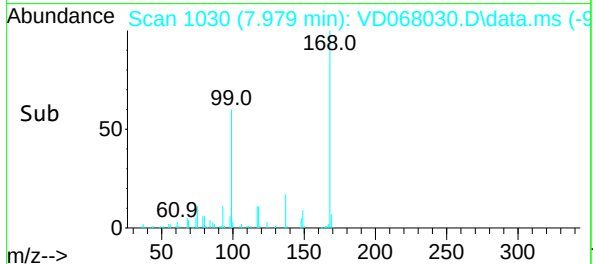
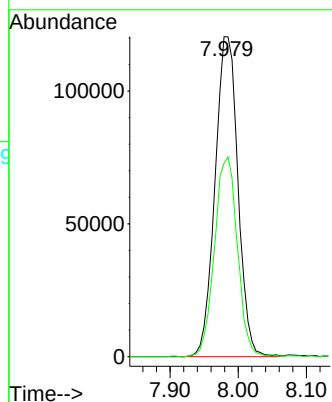
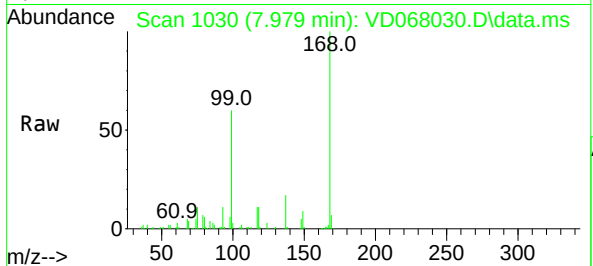




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

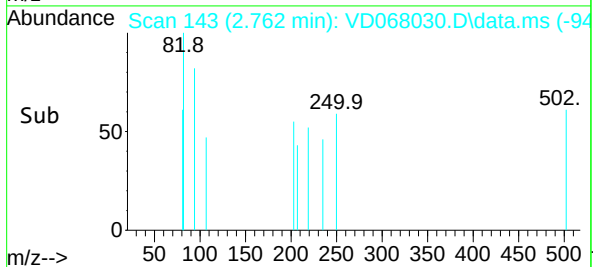
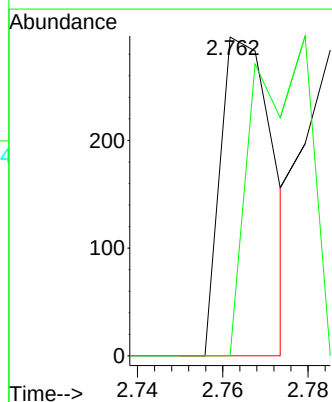
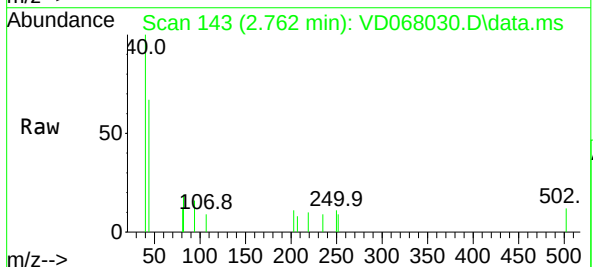
Instrument :
MSVOA_D
ClientSampleId :
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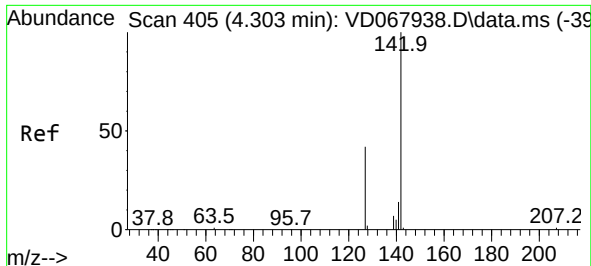
Tgt Ion:168 Resp: 282096
Ion Ratio Lower Upper
168 100
99 60.5 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.762 min Scan# 143
Delta R.T. -0.011 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

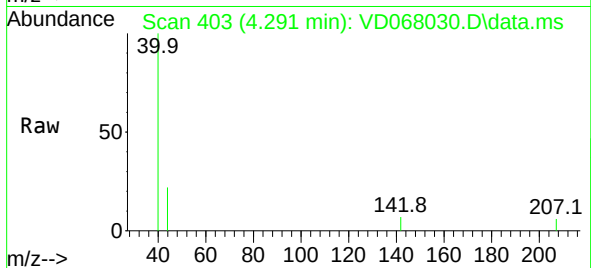
Tgt Ion: 94 Resp: 259
Ion Ratio Lower Upper
94 100
96 0.0 78.0 117.0#



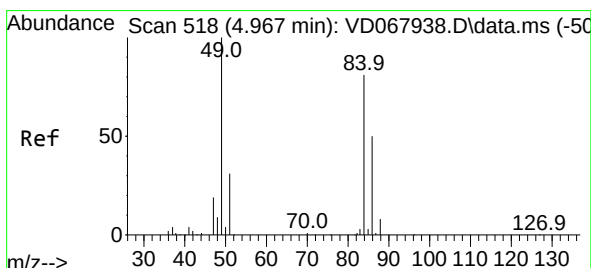
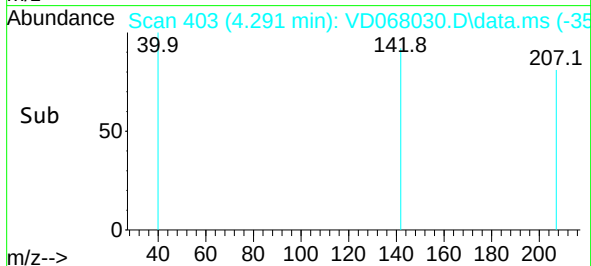
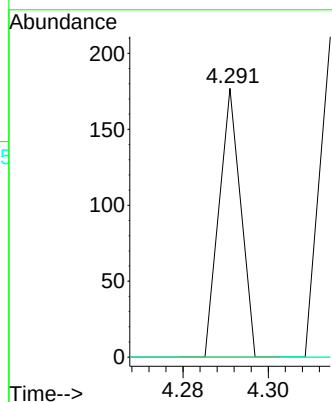


#10
Methyl Iodide
Concen: 3.87 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.012 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Instrument :
MSVOA_D
ClientSampled :
20410

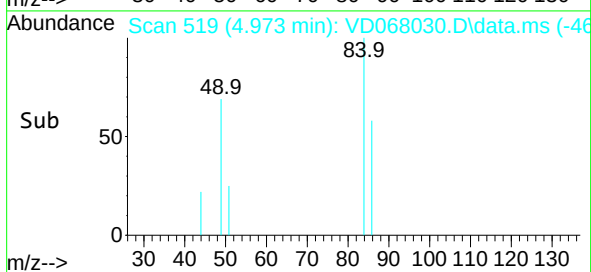
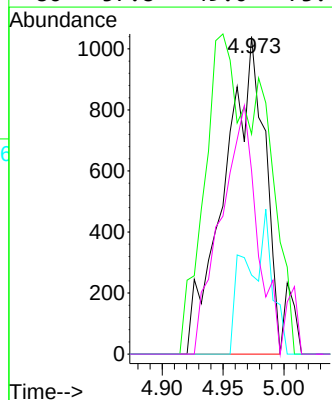
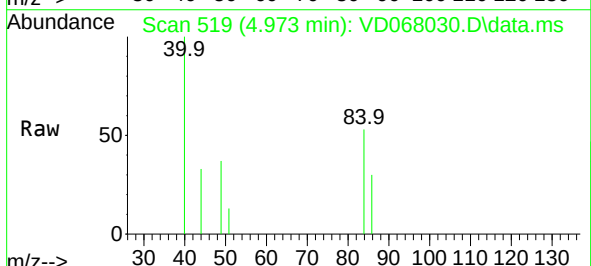


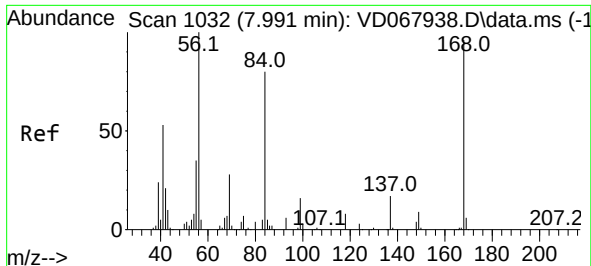
Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 34.4 51.6#
141 0.0 11.8 17.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

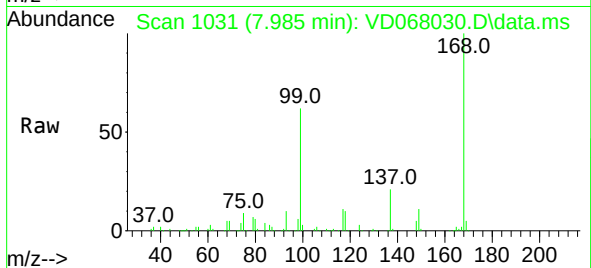
Tgt Ion: 84 Resp: 2392
Ion Ratio Lower Upper
84 100
49 69.3 98.3 147.5#
51 24.9 30.3 45.5#
86 57.8 49.0 73.4



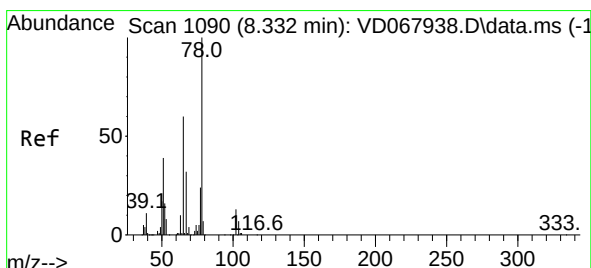
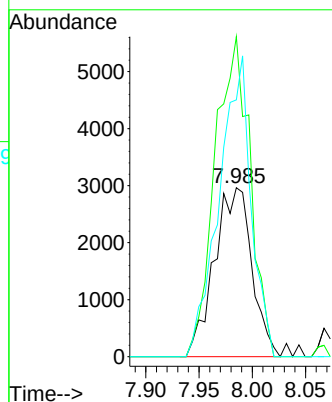
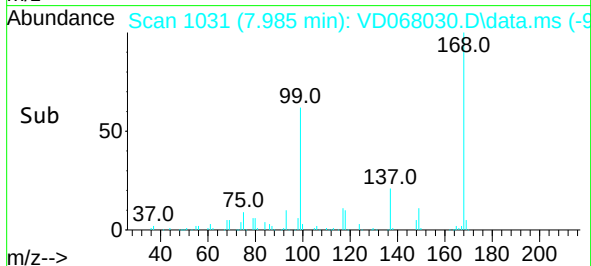


#31
Cyclohexane
Concen: 1.17 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

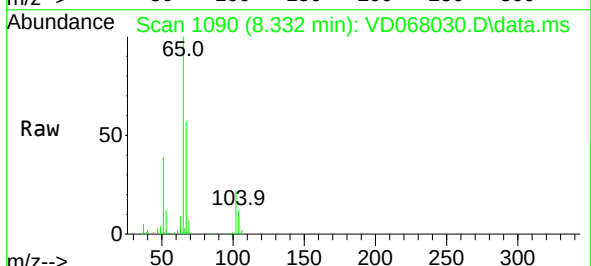
Instrument :
MSVOA_D
ClientSampleId :
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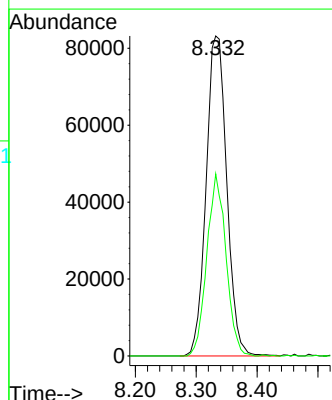
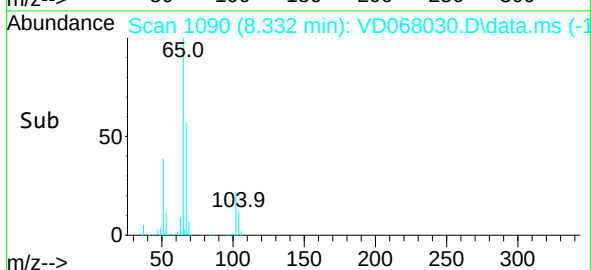
Tgt Ion:	56	Resp:	7259
Ion	Ratio	Lower	Upper
56	100		
69	189.4	22.7	34.1#
84	152.0	64.2	96.4#

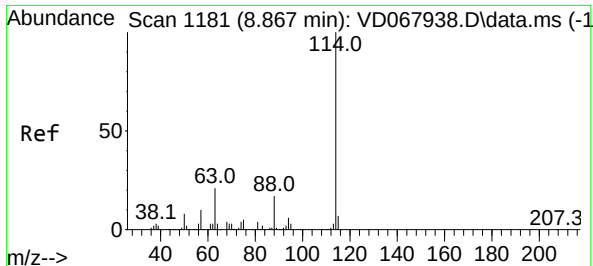


#33
1,2-Dichloroethane-d4
Concen: 64.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23



Tgt Ion:	65	Resp:	195718
Ion	Ratio	Lower	Upper
65	100		
67	52.8	0.0	110.0

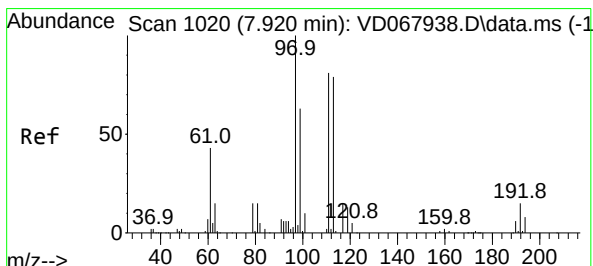
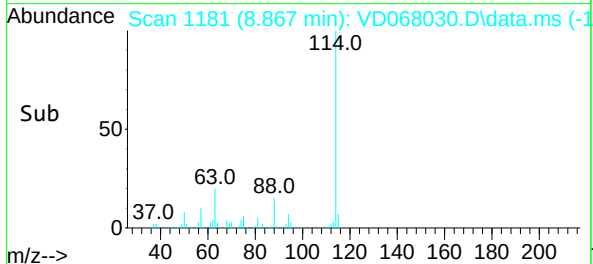
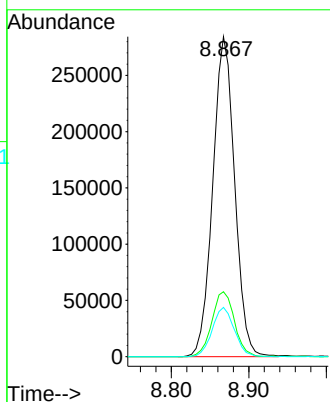
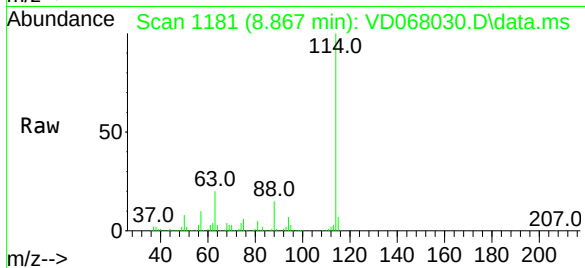




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

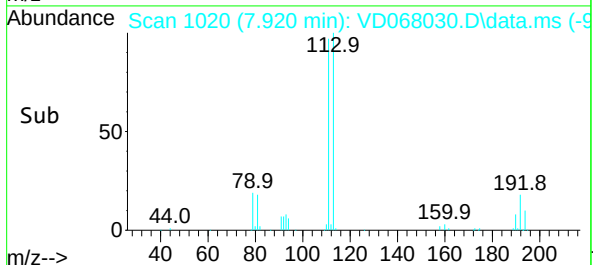
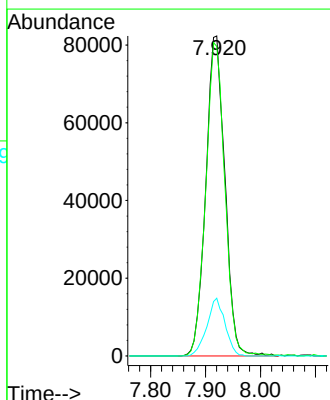
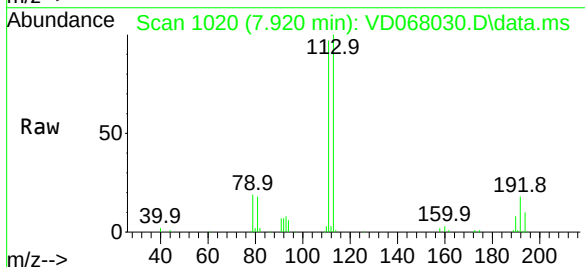
Instrument :
MSVOA_D
ClientSampled :
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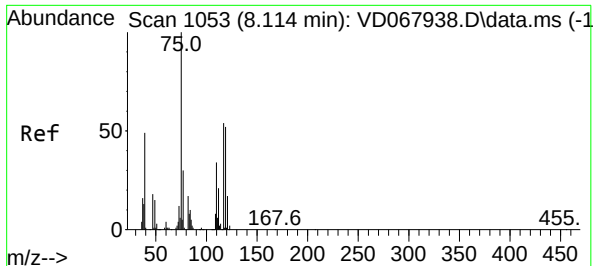
Tgt Ion:114 Resp: 557660
Ion Ratio Lower Upper
114 100
63 20.3 0.0 41.4
88 15.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 56.54 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion:113 Resp: 198657
Ion Ratio Lower Upper
113 100
111 98.0 79.3 118.9
192 17.2 14.5 21.7

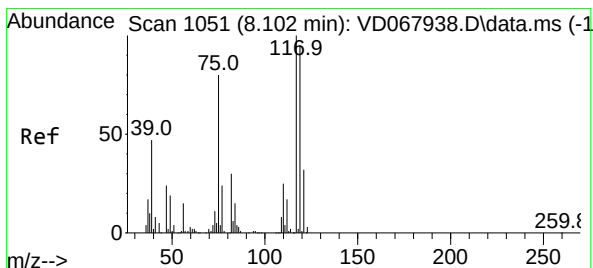
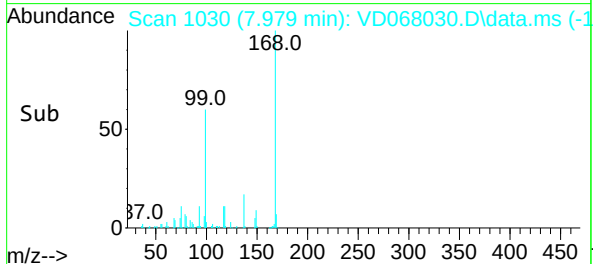
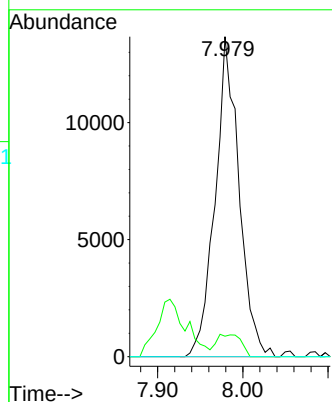
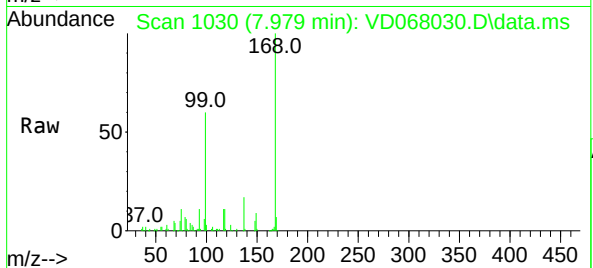




#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

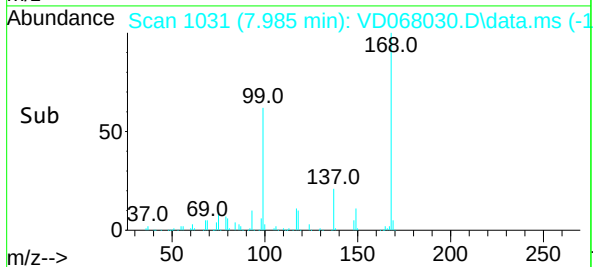
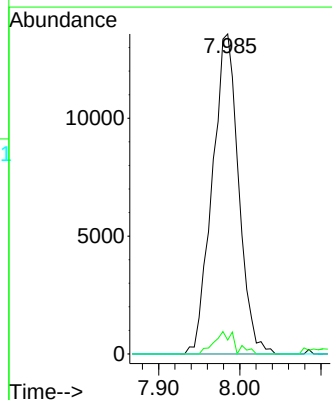
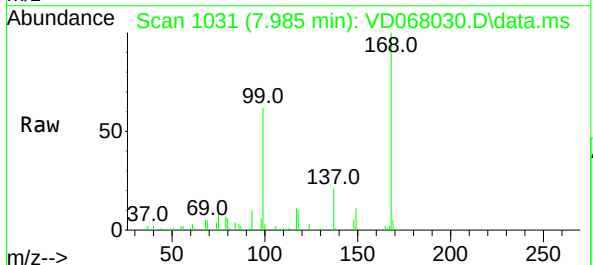
Instrument :
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ClientSampleId :
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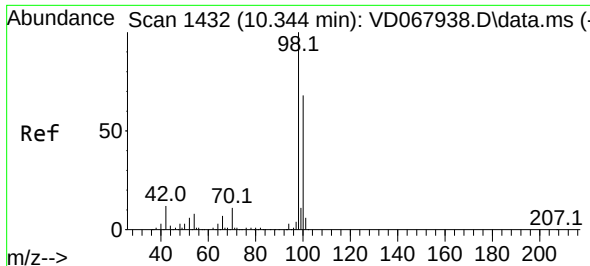
Tgt Ion: 75 Resp: 26599
Ion Ratio Lower Upper
75 100
110 7.1 17.0 51.0#
77 0.0 24.6 37.0#



#38
Carbon Tetrachloride
Concen: 5.42 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion: 117 Resp: 30658
Ion Ratio Lower Upper
117 100
119 4.4 76.2 114.4#
121 0.0 25.9 38.9#

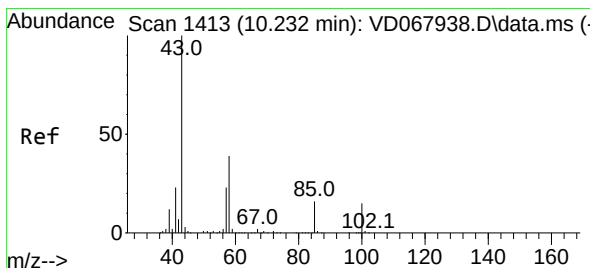
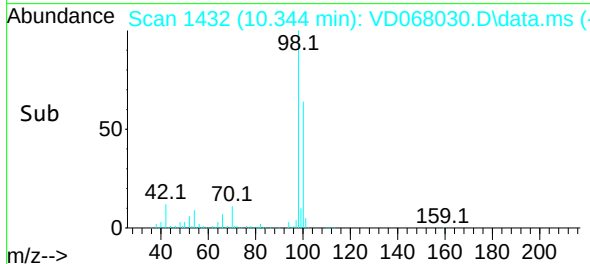
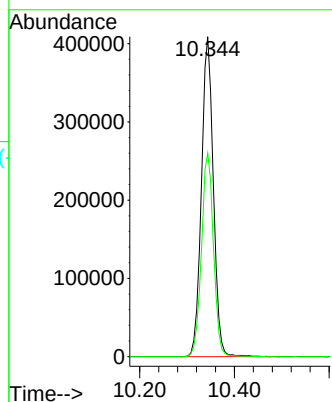
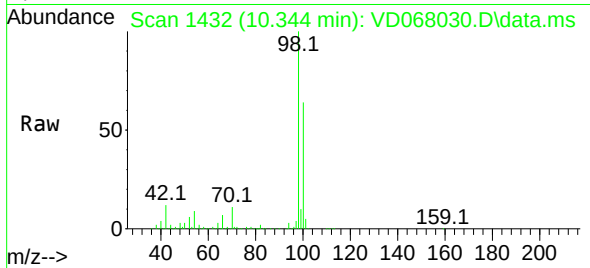




#50
Toluene-d8
Concen: 54.01 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

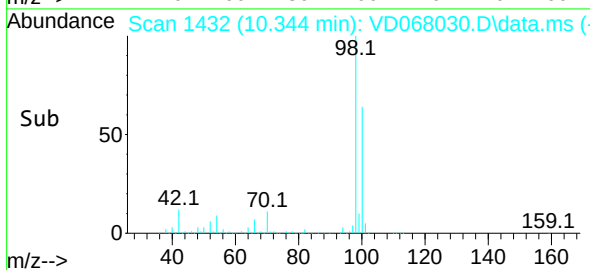
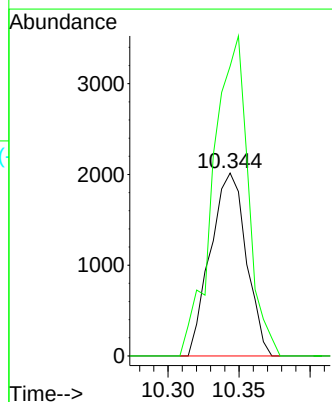
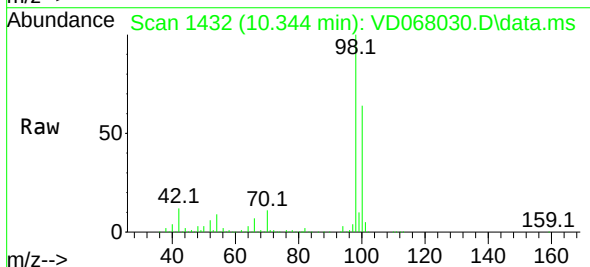
Instrument :
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ClientSampled :
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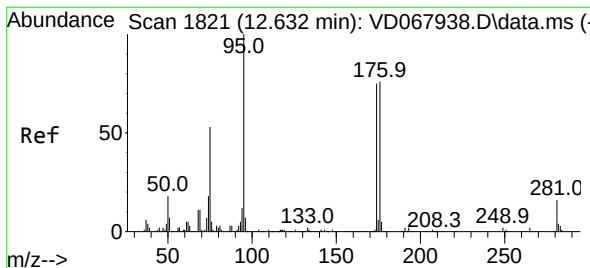
Tgt Ion: 98 Resp: 713354
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#51
4-Methyl-2-Pentanone
Concen: 1.55 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion: 43 Resp: 3531
Ion Ratio Lower Upper
43 100
58 170.9 30.0 45.0#

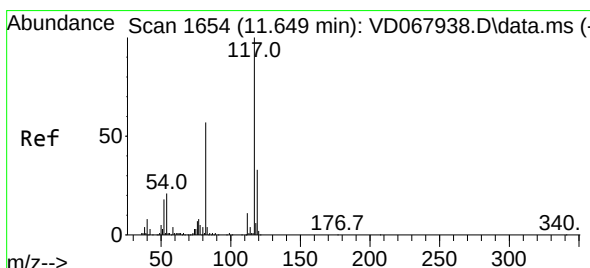
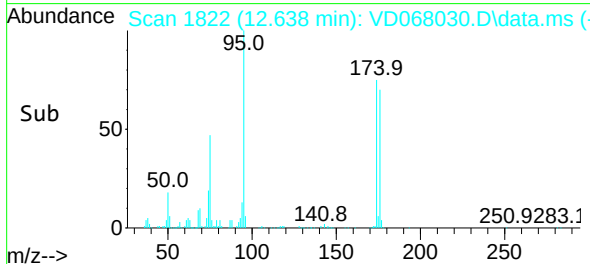
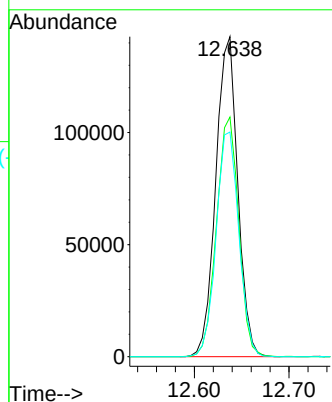
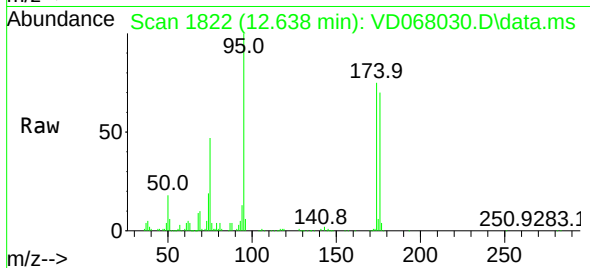




#62
4-Bromofluorobenzene
Concen: 51.03 ug/l
RT: 12.638 min Scan# 1822
Delta R.T. 0.006 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

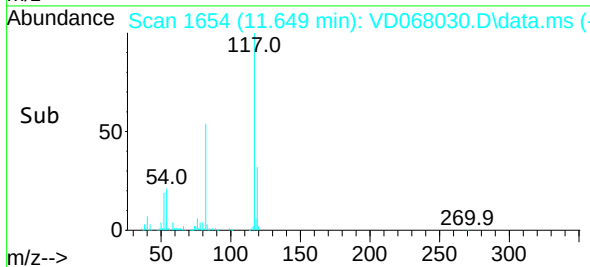
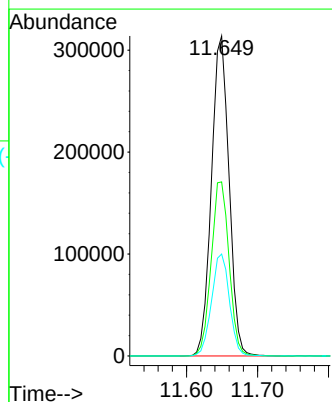
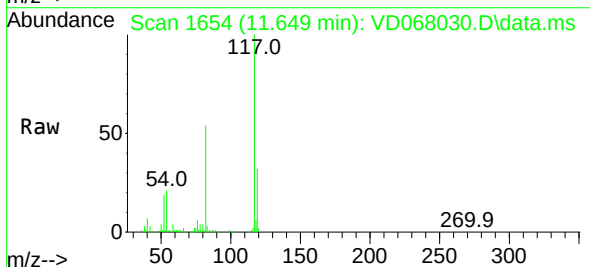
Instrument :
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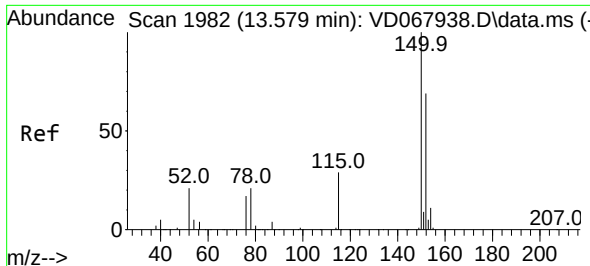
Tgt Ion: 95 Resp: 230558
Ion Ratio Lower Upper
95 100
174 75.7 0.0 150.6
176 72.5 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

Tgt Ion: 117 Resp: 539424
Ion Ratio Lower Upper
117 100
82 54.4 45.4 68.0
119 31.8 26.7 40.1

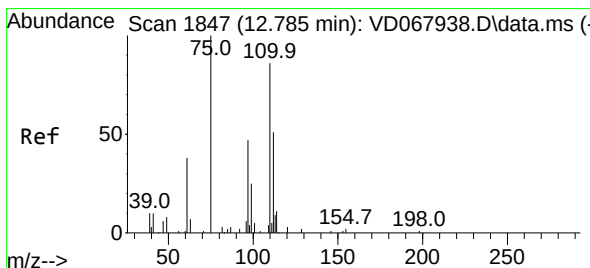
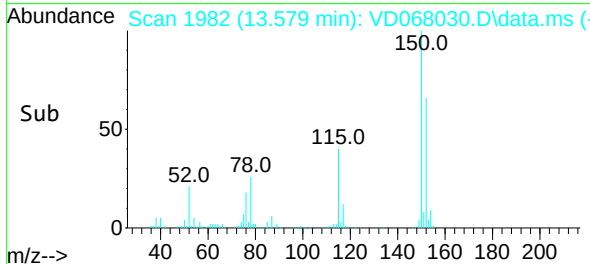
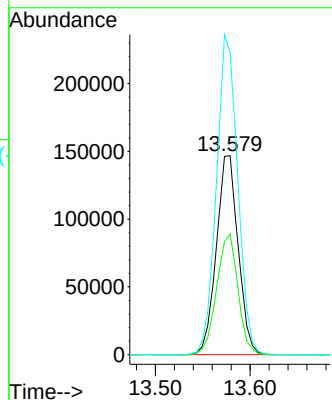
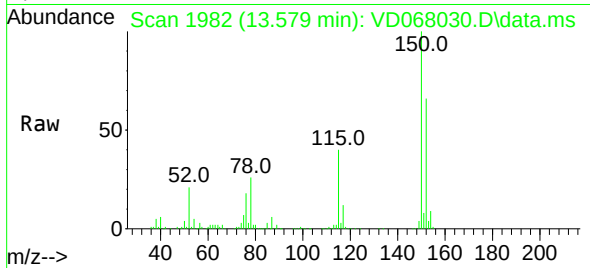




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.000 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

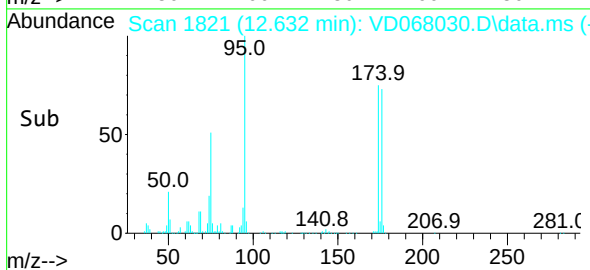
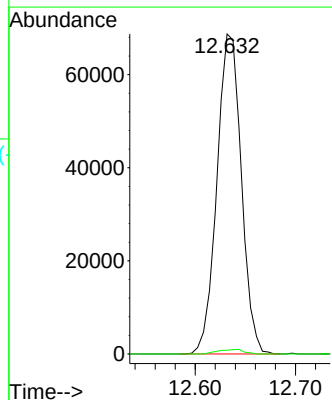
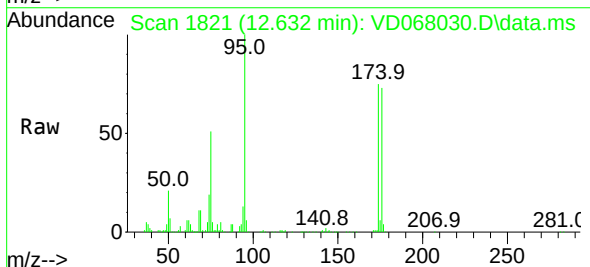
Instrument :
MSVOA_D
ClientSampleId :
20410

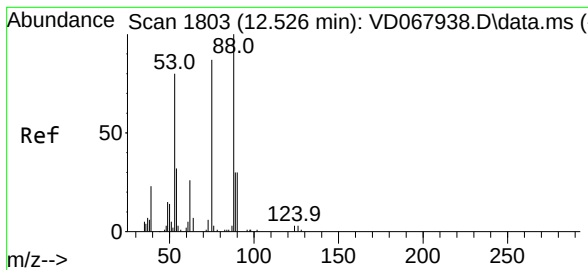
Tgt Ion:152 Resp: 234575
Ion Ratio Lower Upper
152 100
115 59.3 29.3 88.0
150 156.9 0.0 340.0



#76
1,2,3-Trichloropropane
Concen: 58.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068030.D
Acq: 07 Jan 2021 13:23

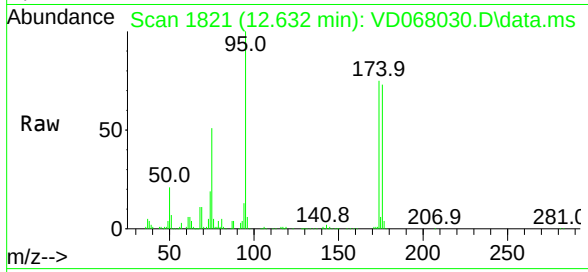
Tgt Ion: 75 Resp: 116144
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.54 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068030.D
 Acq: 07 Jan 2021 13:23

Instrument :
 MSVOA_D
 ClientSampleId :
 20410



Tgt Ion: 75 Resp: 116144
 Ion Ratio Lower Upper
 75 100
 53 0.3 74.9 112.3#
 89 0.2 33.8 50.8#

