

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068563.D
 Acq On : 08 Mar 2021 16:38
 Operator : VA/SY
 Sample : M1600-01
 Misc : 5.16G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 BIN-4

Quant Time: Mar 09 00:11:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

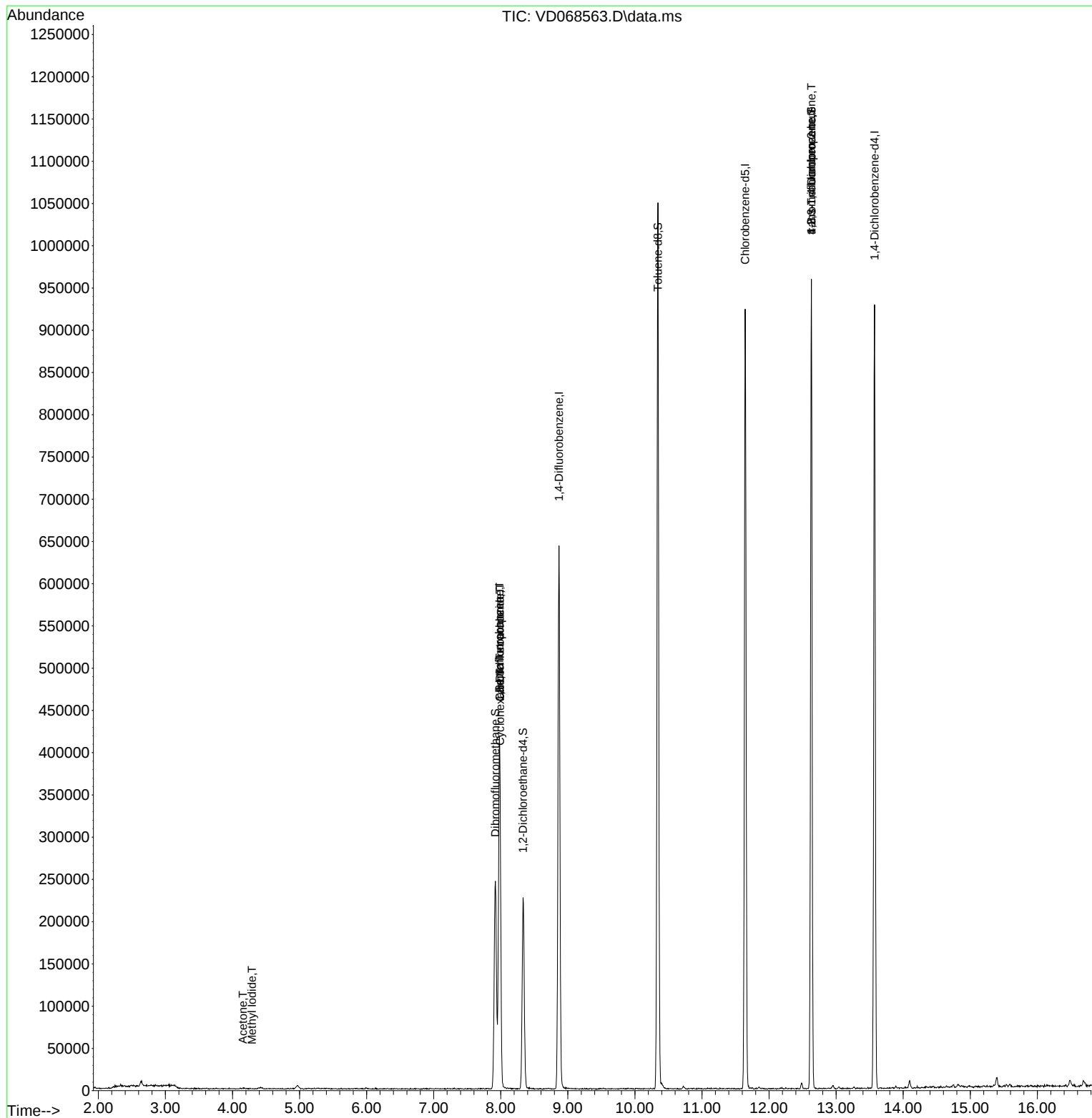
Internal Standards						
1) Pentafluorobenzene	7.979	168	323028	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	579804	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	563924	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	257764	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	175108	54.25	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.50%			
35) Dibromofluoromethane	7.920	113	180813	51.77	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.54%			
50) Toluene-d8	10.344	98	725430	52.14	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.28%			
62) 4-Bromofluorobenzene	12.632	95	245875	54.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 109.68%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.291	142	121	2.65	ug/l #	38
16) Acetone	4.156	43	806	1.57	ug/l #	1
20) Methylene Chloride	4.973	84	3430	Below Cal	#	75
31) Cyclohexane	7.991	56	6792	1.16	ug/l #	57
36) 1,1-Dichloropropene	7.985	75	24862	4.51	ug/l #	46
38) Carbon Tetrachloride	7.985	117	32374	6.25	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	122708	53.62	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	122708	125.14	ug/l #	14

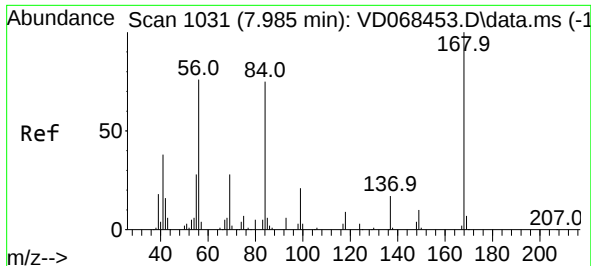
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
Data File : VD068563.D
Acq On : 08 Mar 2021 16:38
Operator : VA/SY
Sample : M1600-01
Misc : 5.16G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
BIN-4

Quant Time: Mar 09 00:11:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

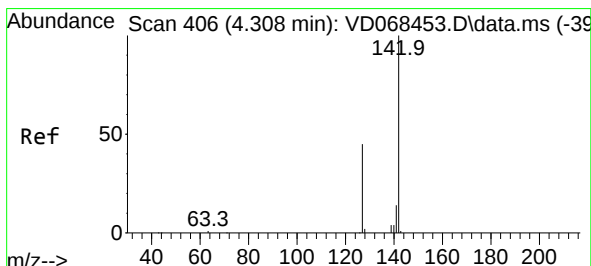
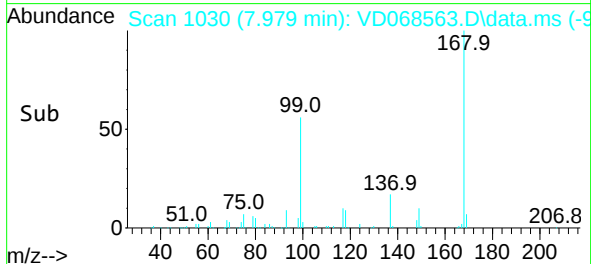
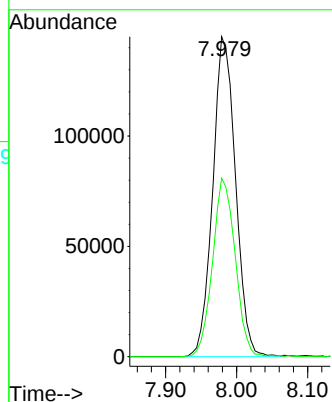
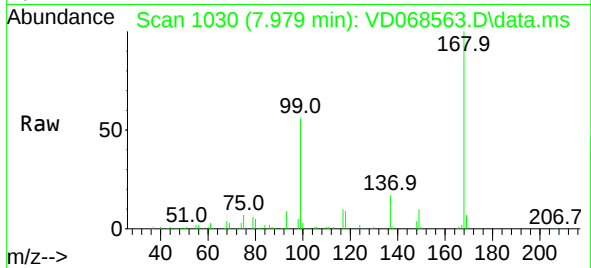




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

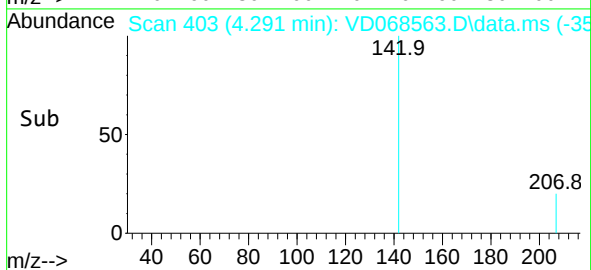
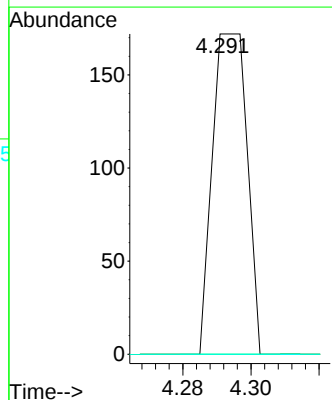
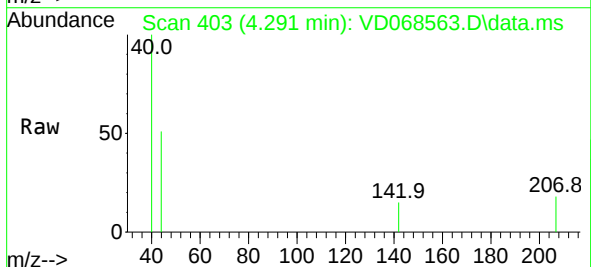
Instrument :
MSVOA_D
ClientSampleId :
BIN-4

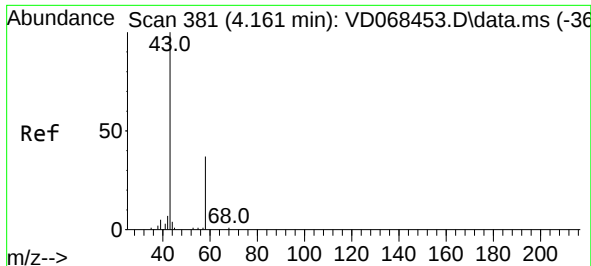
Tgt Ion:168 Resp: 323028
Ion Ratio Lower Upper
168 100
99 55.8 43.5 65.3



#10
Methyl Iodide
Concen: 2.65 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.017 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion:142 Resp: 121
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

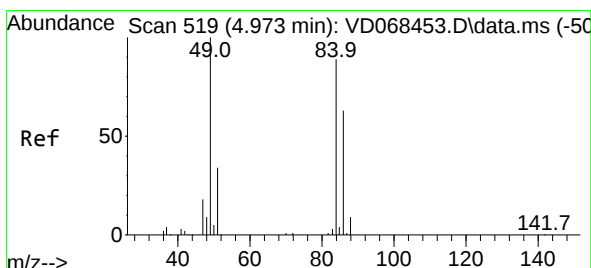
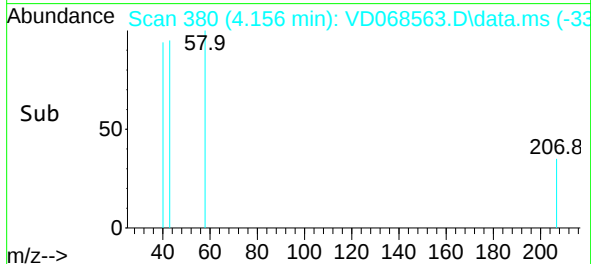
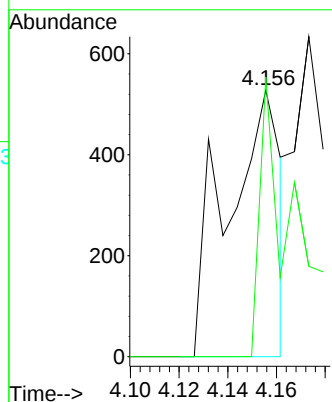
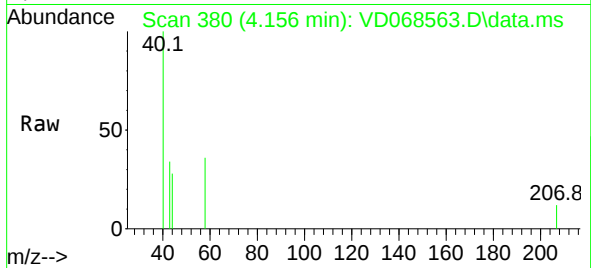




#16
Acetone
Concen: 1.57 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

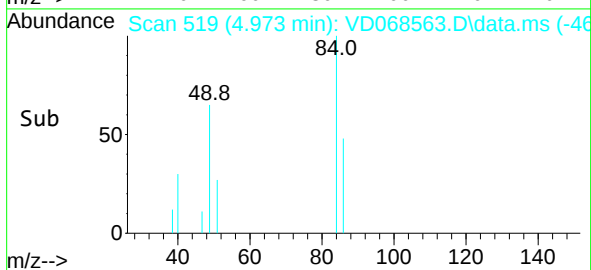
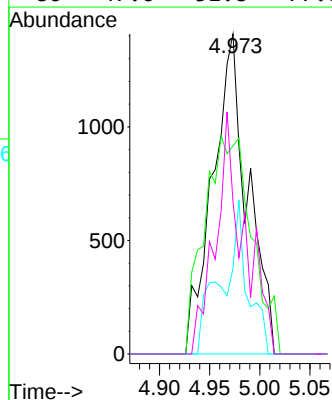
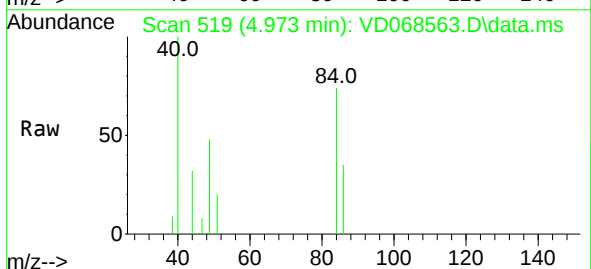
Instrument :
MSVOA_D
ClientSampled :
BIN-4

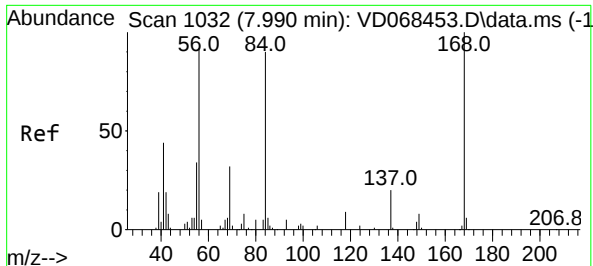
Tgt Ion: 43 Resp: 806
Ion Ratio Lower Upper
43 100
58 104.9 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

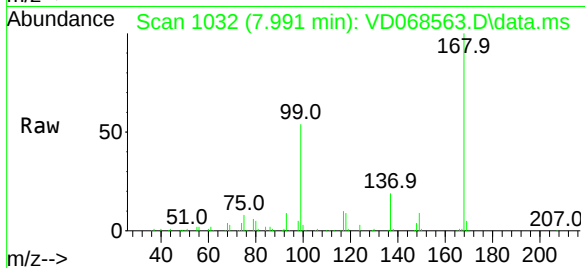
Tgt Ion: 84 Resp: 3430
Ion Ratio Lower Upper
84 100
49 65.0 77.4 116.2#
51 26.8 26.1 39.1
86 47.6 51.8 77.8#



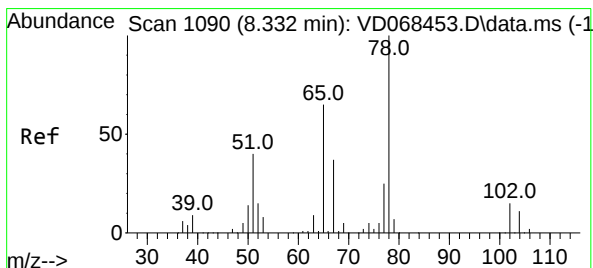
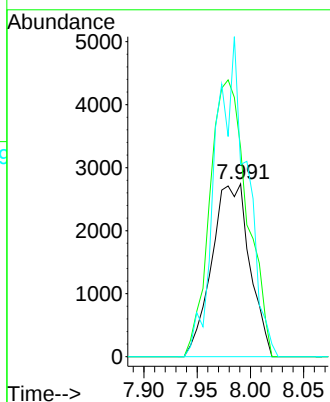
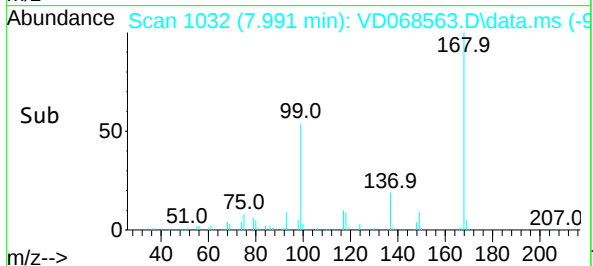


#31
Cyclohexane
Concen: 1.16 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

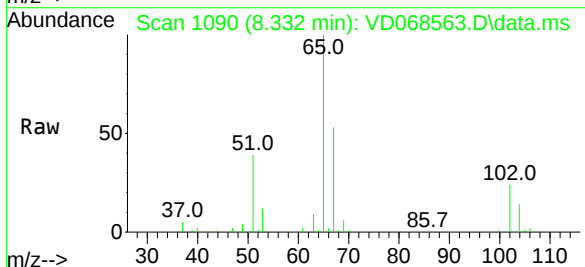
Instrument :
MSVOA_D
ClientSampleId :
BIN-4



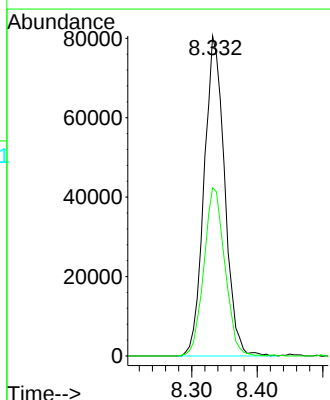
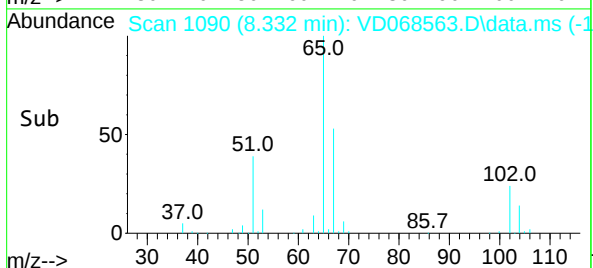
Tgt Ion: 56 Resp: 6792
Ion Ratio Lower Upper
56 100
69 120.9 30.1 45.1#
84 111.2 82.1 123.1

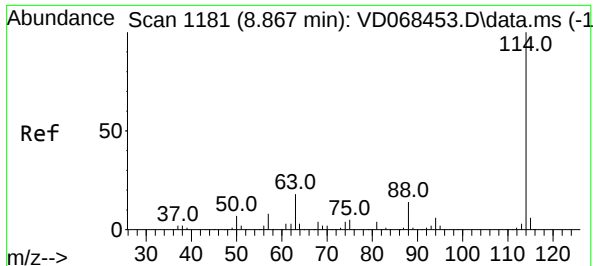


#33
1,2-Dichloroethane-d4
Concen: 54.25 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38



Tgt Ion: 65 Resp: 175108
Ion Ratio Lower Upper
65 100
67 53.8 0.0 105.0

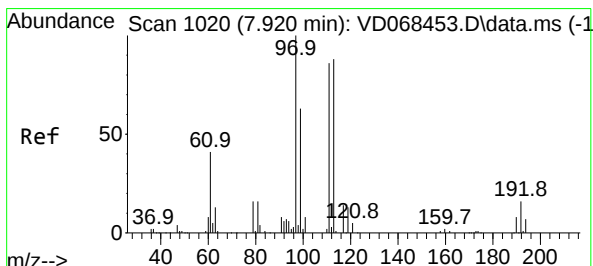
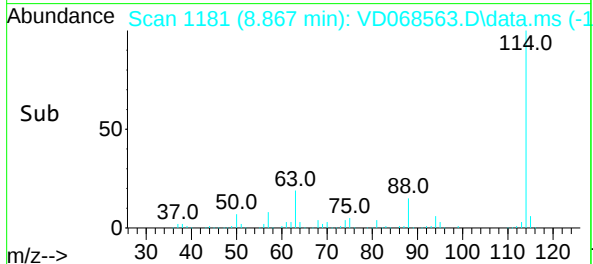
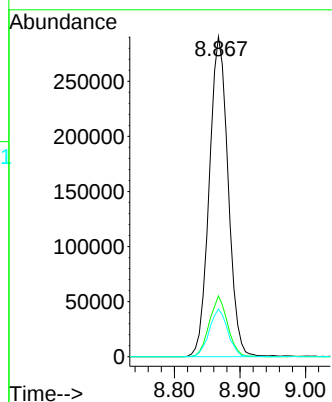
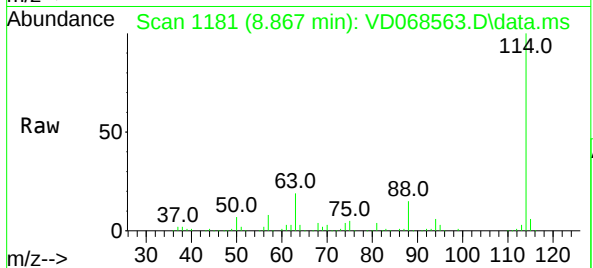




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

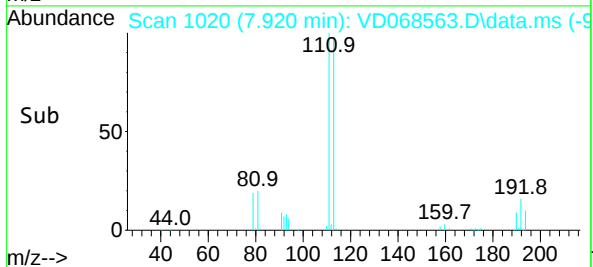
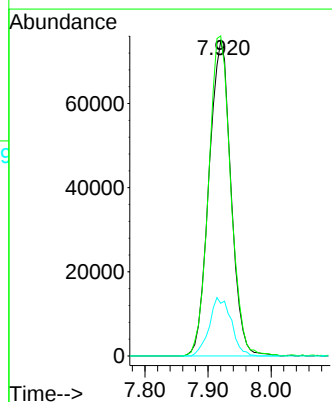
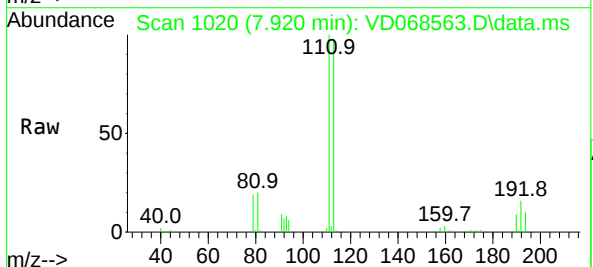
Instrument :
MSVOA_D
ClientSampled :
BIN-4

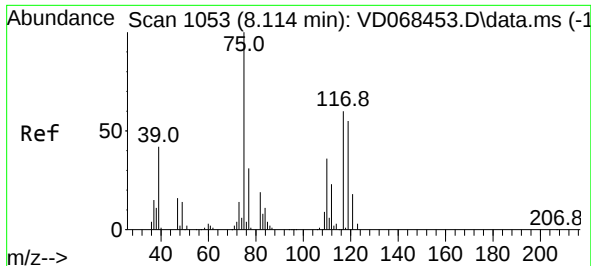
Tgt Ion:114 Resp: 579804
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.77 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion:113 Resp: 180813
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.0
192 18.5 16.1 24.1

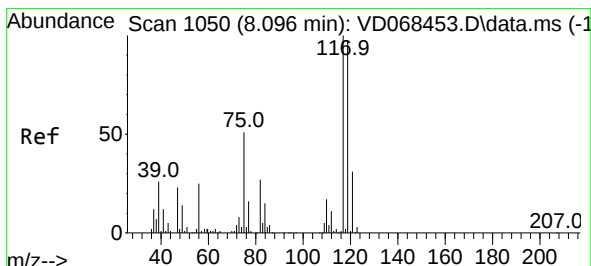
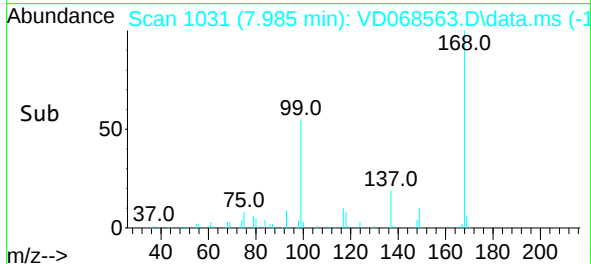
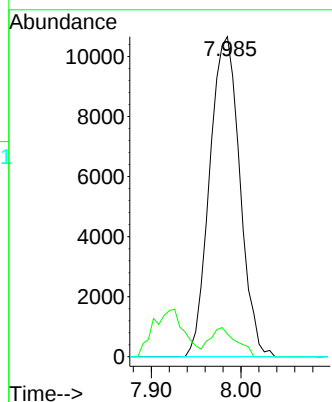
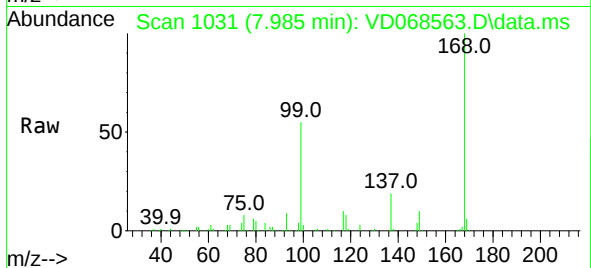




#36
1,1-Dichloropropene
Concen: 4.51 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

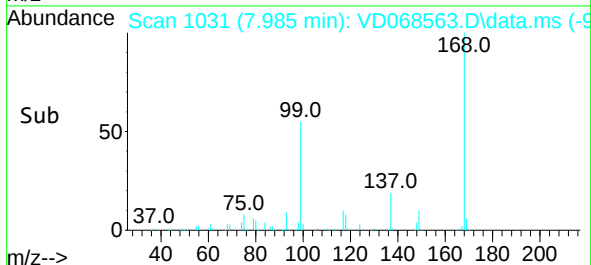
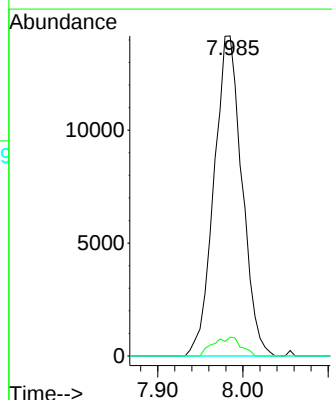
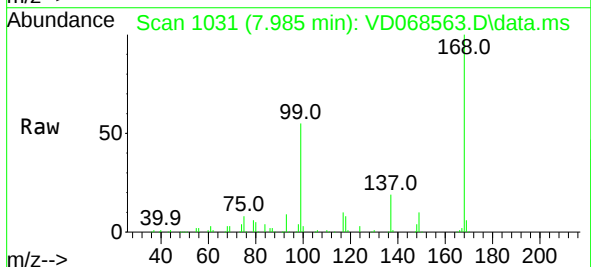
Instrument :
MSVOA_D
ClientSampled :
BIN-4

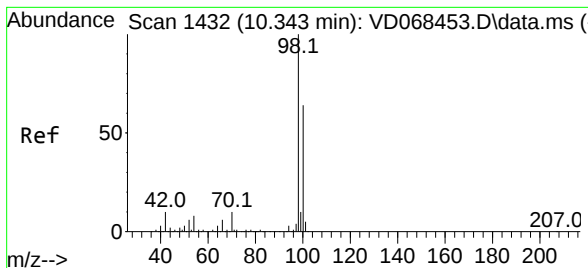
Tgt Ion: 75 Resp: 24862
Ion Ratio Lower Upper
75 100
110 7.9 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.25 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion: 117 Resp: 32374
Ion Ratio Lower Upper
117 100
119 5.9 77.3 115.9#
121 0.0 24.7 37.1#

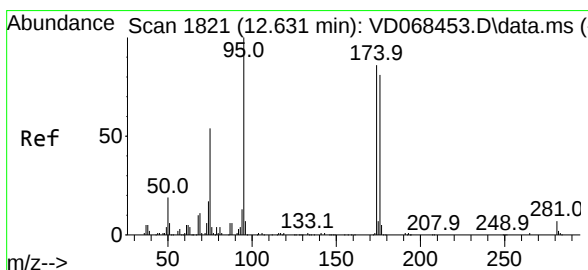
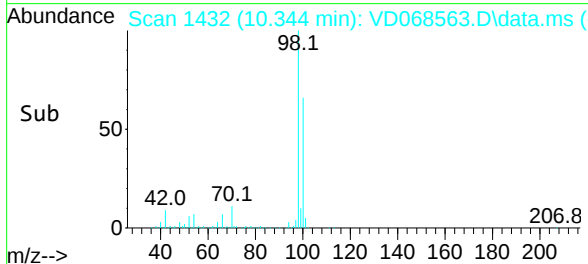
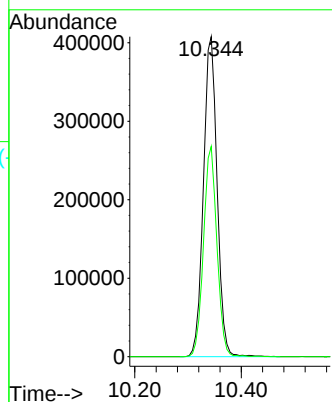
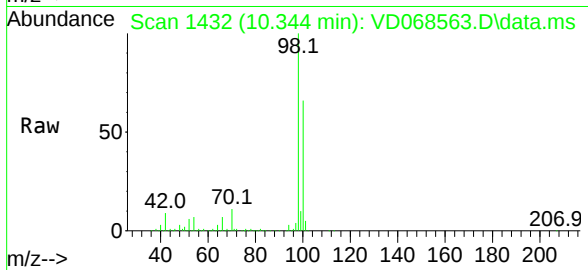




#50
Toluene-d8
Concen: 52.14 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

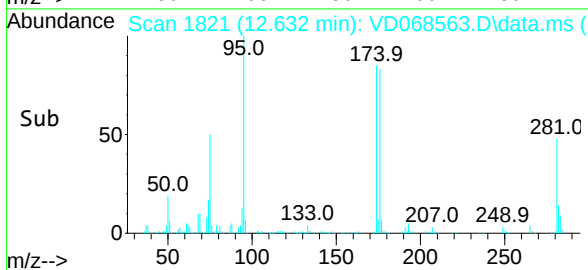
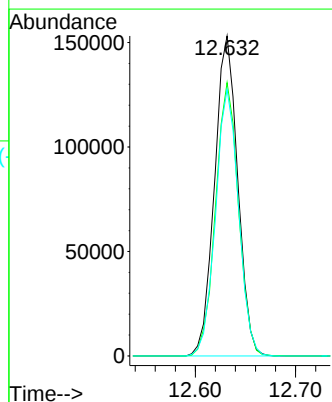
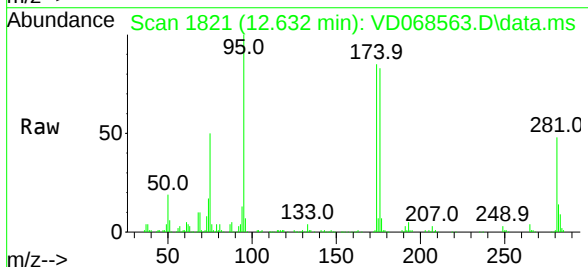
Instrument :
MSVOA_D
ClientSampleId :
BIN-4

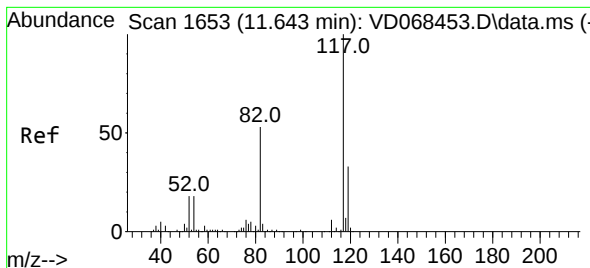
Tgt Ion: 98 Resp: 725430
Ion Ratio Lower Upper
98 100
100 64.5 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion: 95 Resp: 245875
Ion Ratio Lower Upper
95 100
174 84.3 0.0 172.4
176 82.4 0.0 168.4

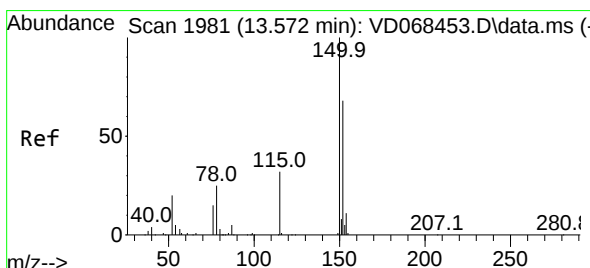
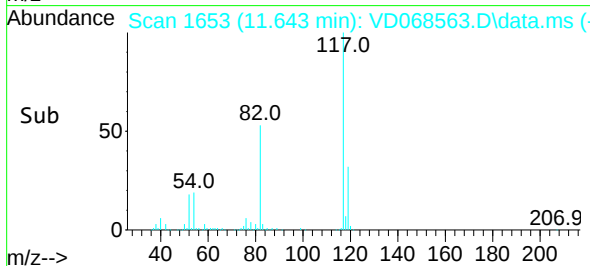
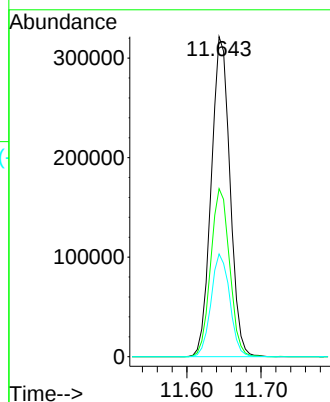
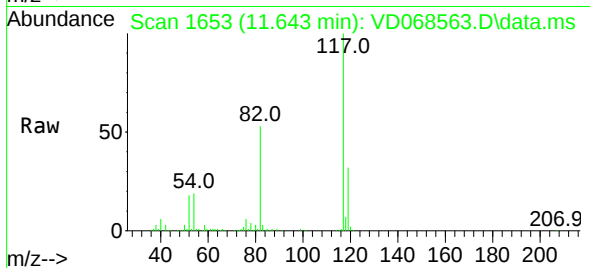




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

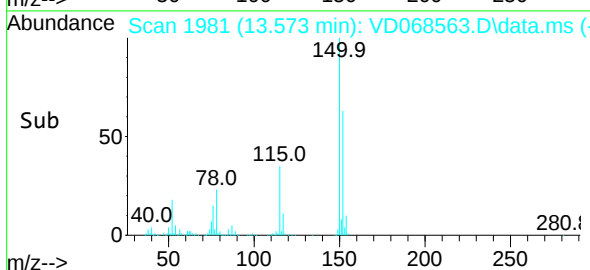
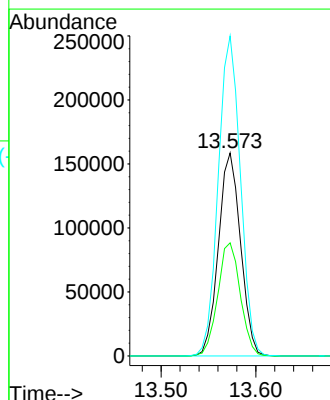
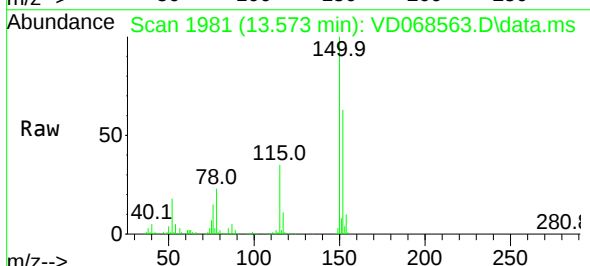
Instrument :
MSVOA_D
ClientSampleId :
BIN-4

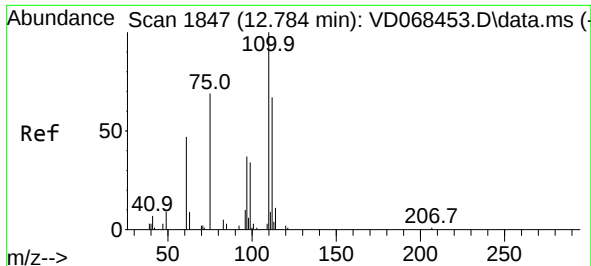
Tgt Ion:117 Resp: 563924
Ion Ratio Lower Upper
117 100
82 52.5 41.4 62.0
119 32.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion:152 Resp: 257764
Ion Ratio Lower Upper
152 100
115 56.7 28.9 86.8
150 157.6 0.0 344.4

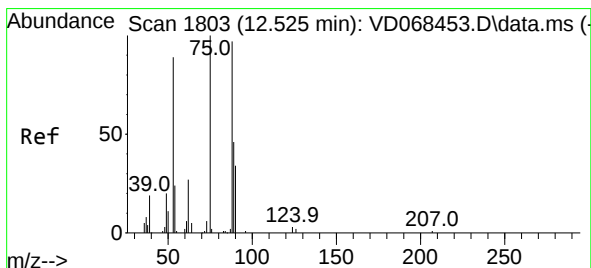
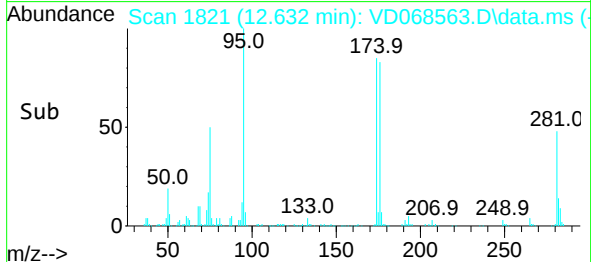
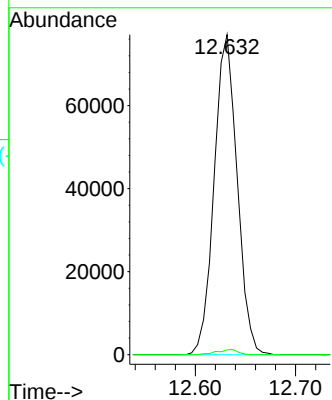
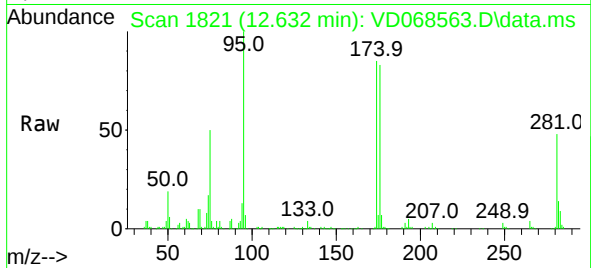




#76
1,2,3-Trichloropropane
Concen: 53.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Instrument :
MSVOA_D
ClientSampled :
BIN-4

Tgt Ion: 75 Resp: 122708
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 125.14 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068563.D
Acq: 08 Mar 2021 16:38

Tgt Ion: 75 Resp: 122708
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.6 40.3 60.5#

