

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021721\
 Data File : VD068382.D
 Acq On : 17 Feb 2021 14:52
 Operator : VA/SY
 Sample : M1430-08
 Misc : 4.14G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WO-1

Quant Time: Feb 18 00:12:39 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 12 13:30:51 2021
 Response via : Initial Calibration

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

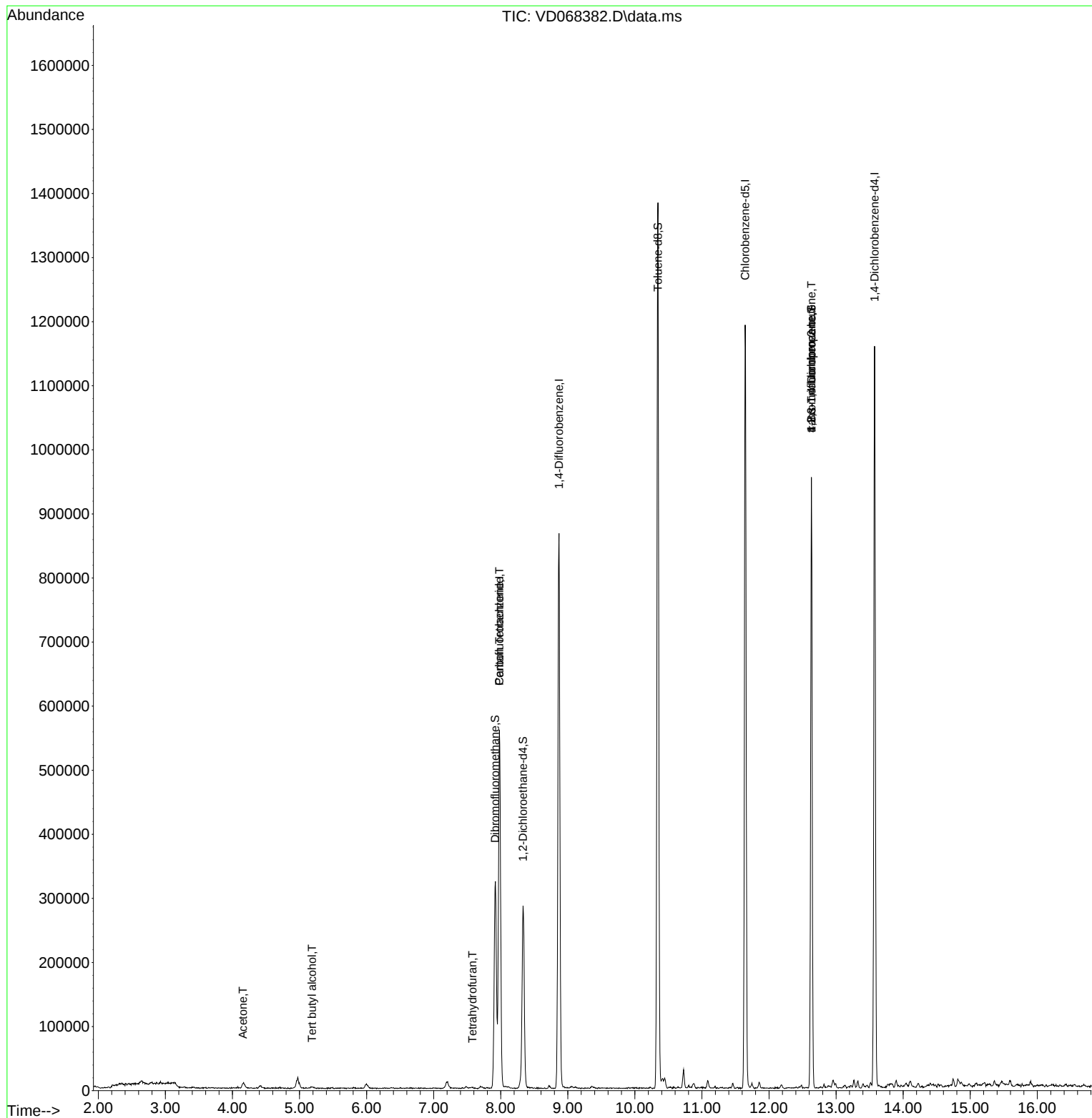
Internal Standards						
1) Pentafluorobenzene	7.979	168	408954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	778583	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	711576	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	303639	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	231819	55.45	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.90%			
35) Dibromofluoromethane	7.914	113	235993	51.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 102.14%			
50) Toluene-d8	10.344	98	991003	51.74	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.48%			
62) 4-Bromofluorobenzene	12.632	95	305390	48.94	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.88%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.185	59	2006	9.57	ug/l #	74
16) Acetone	4.156	43	16231	25.16	ug/l #	79
20) Methylene Chloride	4.973	84	12699	Below Cal		92
29) Tetrahydrofuran	7.579	42	703	1.21	ug/l #	45
31) Cyclohexane	7.979	56	10596	Below Cal	#	10
38) Carbon Tetrachloride	7.979	117	41282	6.28	ug/l #	17
76) 1,2,3-Trichloropropane	12.632	75	159012	55.03	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	159012	137.95	ug/l #	13

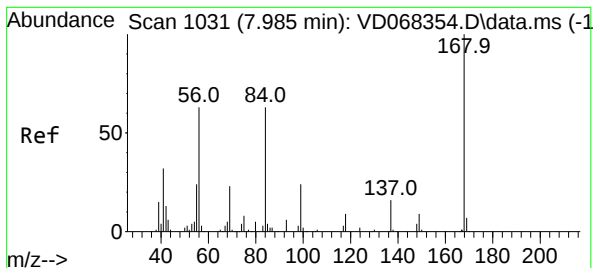
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
MSVOA_D
ClientSampled :
WO-1

Quant Time: Feb 18 00:12:39 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021221S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 12 13:30:51 2021
Response via : Initial Calibration

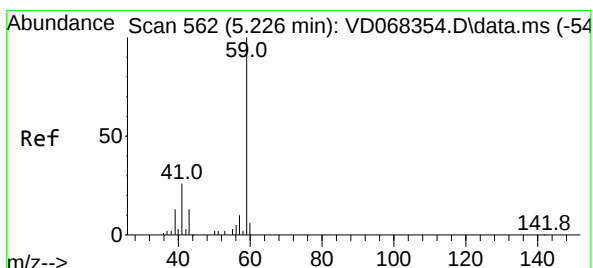
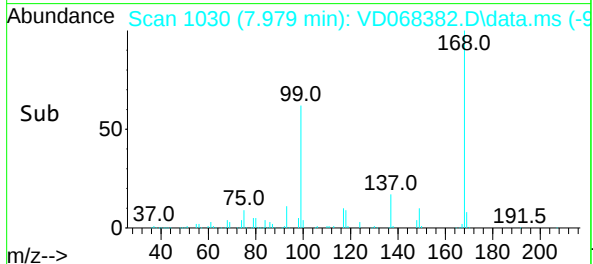
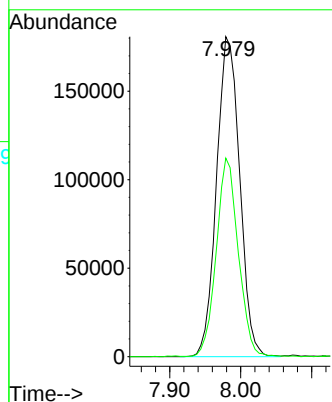
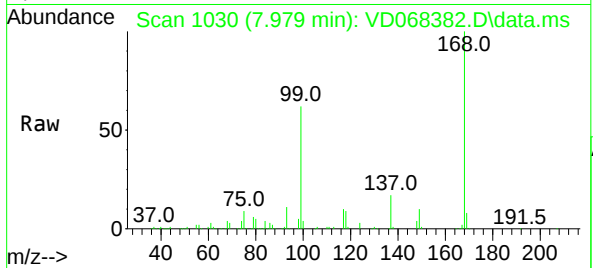




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

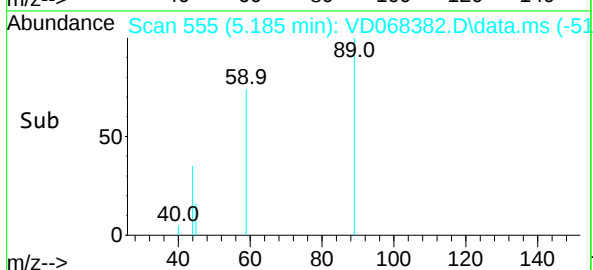
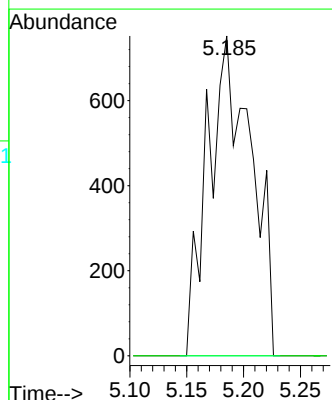
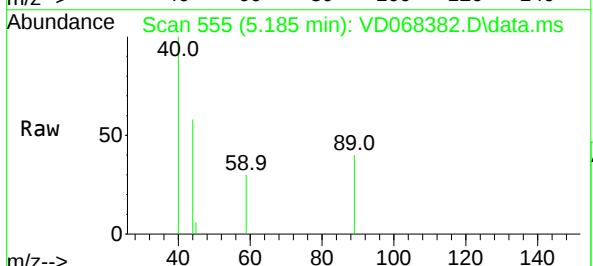
Instrument :
MSVOA_D
ClientSampleId :
WO-1

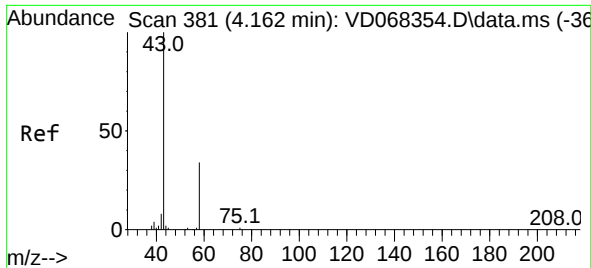
Tgt Ion:168 Resp: 408954
Ion Ratio Lower Upper
168 100
99 61.9 43.5 65.3



#11
Tert butyl alcohol
Concen: 9.57 ug/l
RT: 5.185 min Scan# 555
Delta R.T. -0.041 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion: 59 Resp: 2006
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

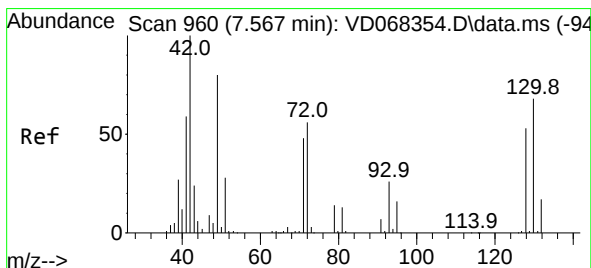
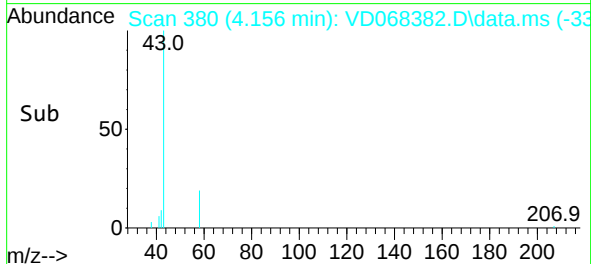
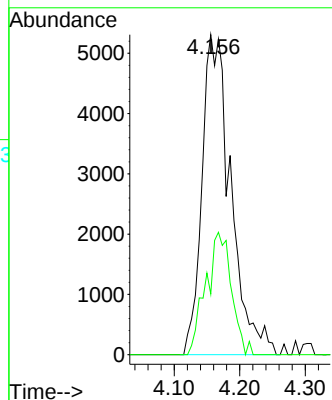
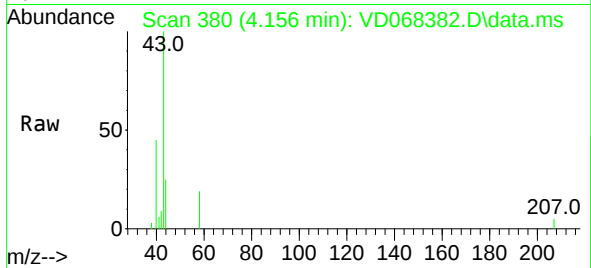




#16
Acetone
Concen: 25.16 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

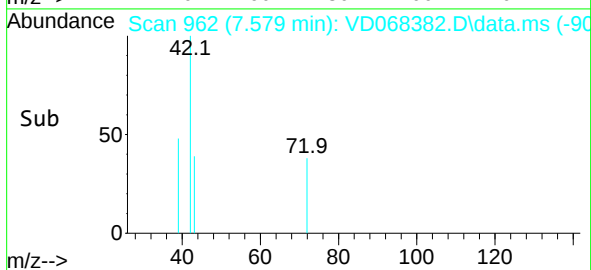
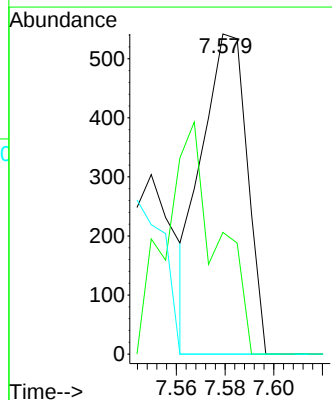
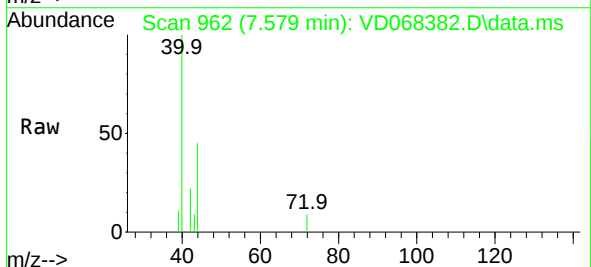
Instrument :
MSVOA_D
ClientSampled :
WO-1

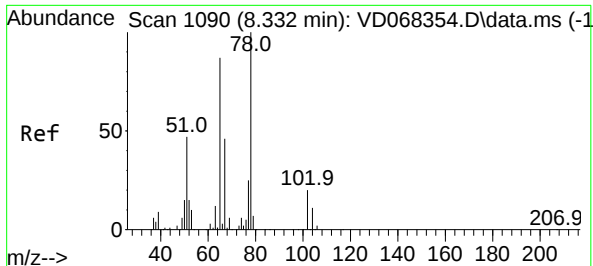
Tgt Ion: 43 Resp: 16231
Ion Ratio Lower Upper
43 100
58 19.0 24.2 36.4#



#29
Tetrahydrofuran
Concen: 1.21 ug/l
RT: 7.579 min Scan# 962
Delta R.T. 0.012 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion: 42 Resp: 703
Ion Ratio Lower Upper
42 100
72 81.5 43.4 65.0#
71 0.0 40.8 61.2#

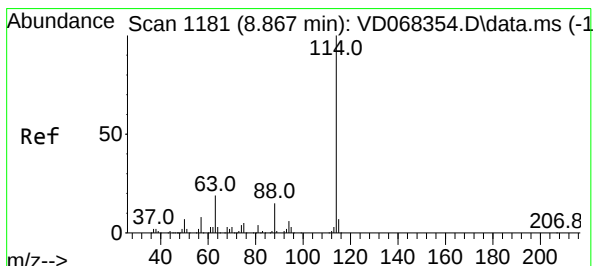
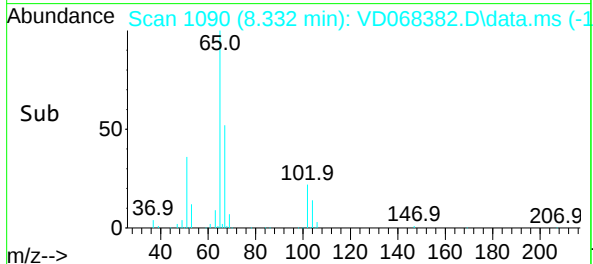
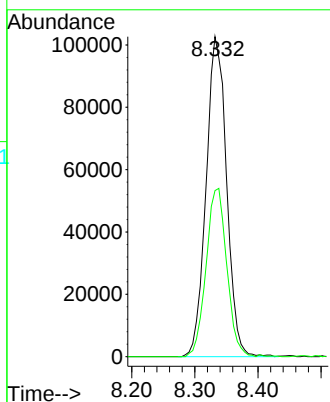
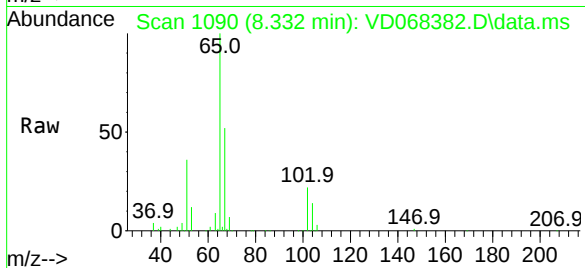




#33
1,2-Dichloroethane-d4
Concen: 55.45 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

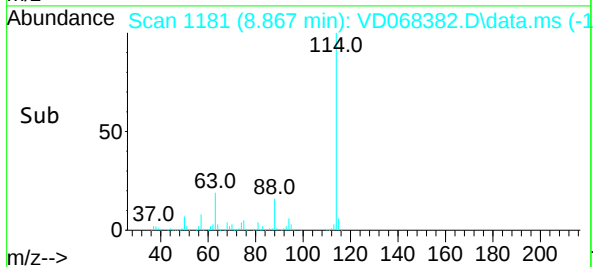
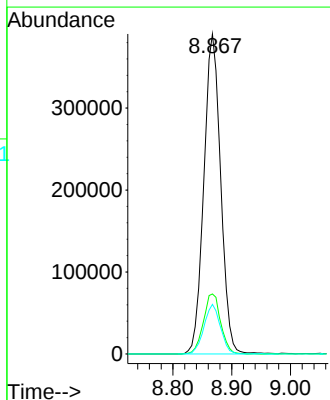
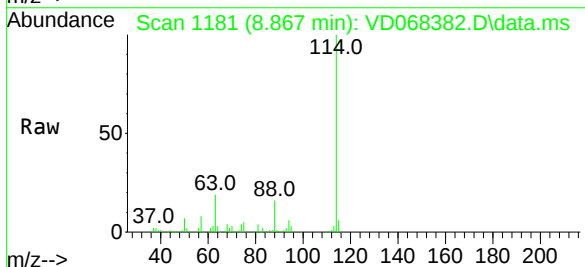
Instrument :
MSVOA_D
ClientSampled :
WO-1

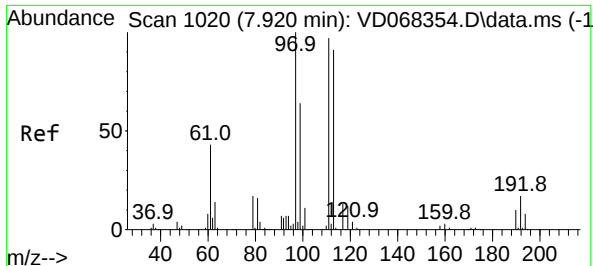
Tgt Ion: 65 Resp: 231819
Ion Ratio Lower Upper
65 100
67 53.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion: 114 Resp: 778583
Ion Ratio Lower Upper
114 100
63 18.7 0.0 34.8
88 15.5 0.0 31.6





#35

Dibromofluoromethane

Concen: 51.07 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.006 min

Lab File: VD068382.D

Acq: 17 Feb 2021 14:52

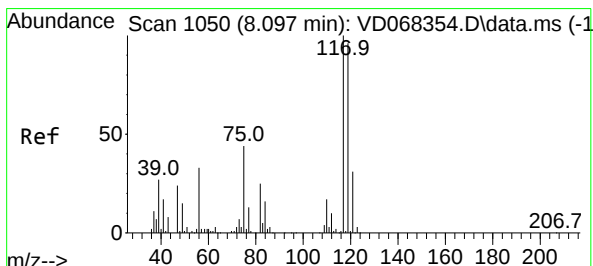
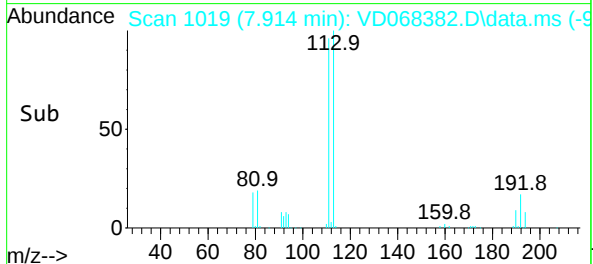
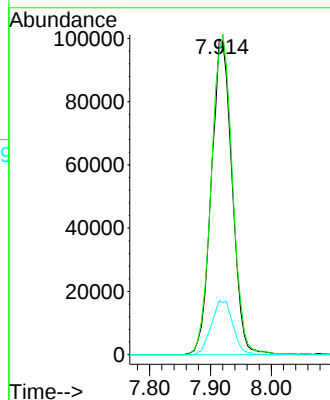
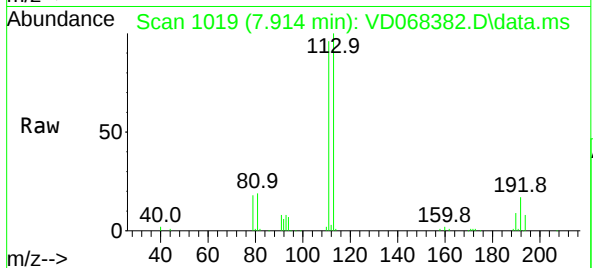
Tgt Ion:113 Resp: 235993

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 17.7 16.1 24.1



#38

Carbon Tetrachloride

Concen: 6.28 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.118 min

Lab File: VD068382.D

Acq: 17 Feb 2021 14:52

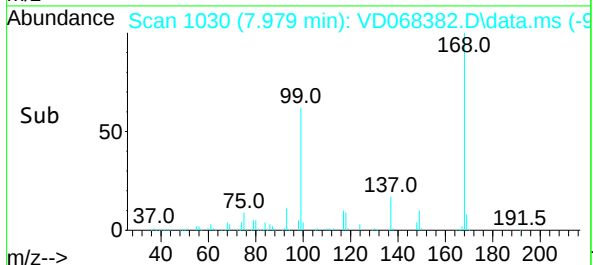
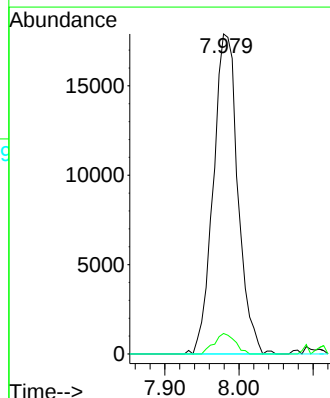
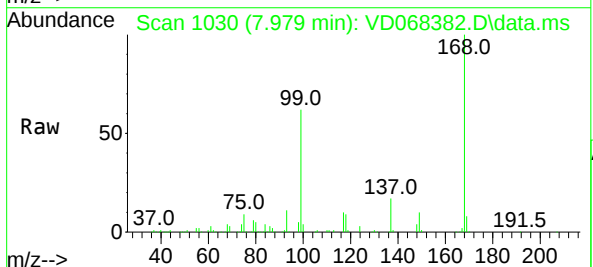
Tgt Ion:117 Resp: 41282

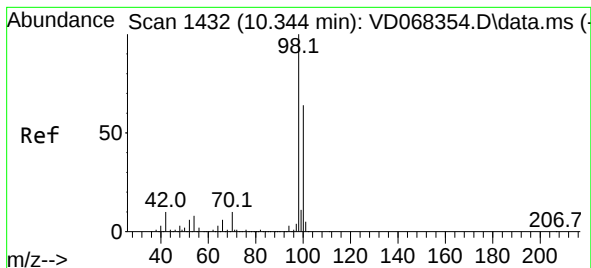
Ion Ratio Lower Upper

117 100

119 6.4 77.3 115.9#

121 0.0 24.7 37.1#

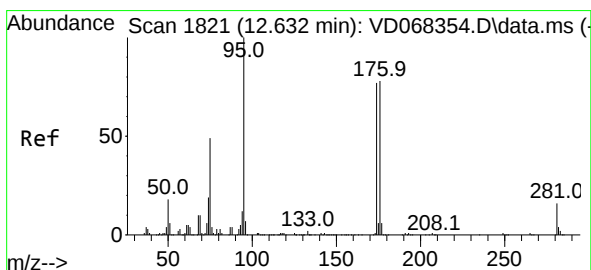
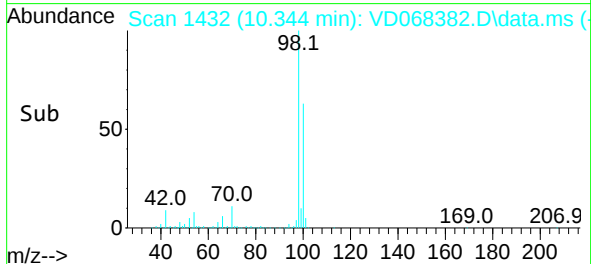
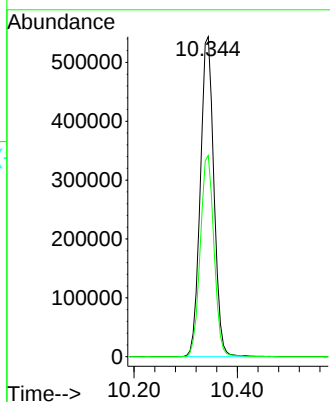
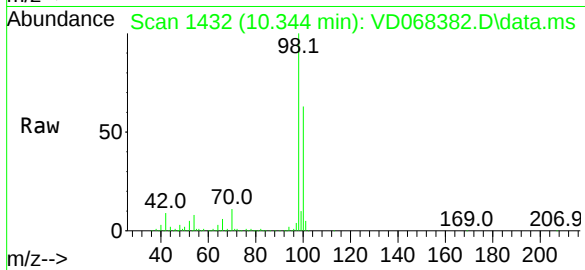




#50
Toluene-d8
Concen: 51.74 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

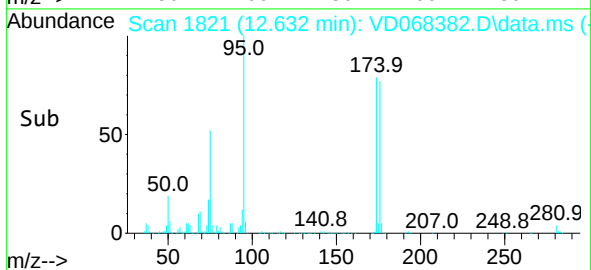
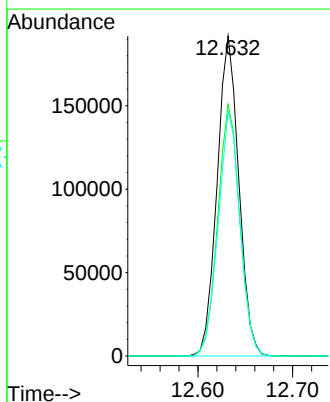
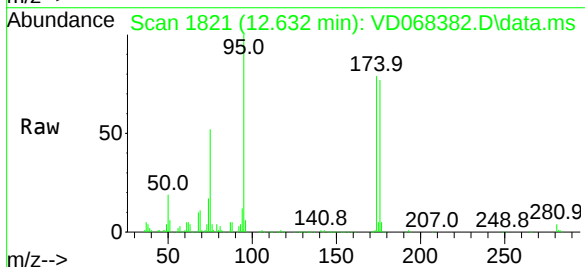
Instrument :
MSVOA_D
ClientSampled :
WO-1

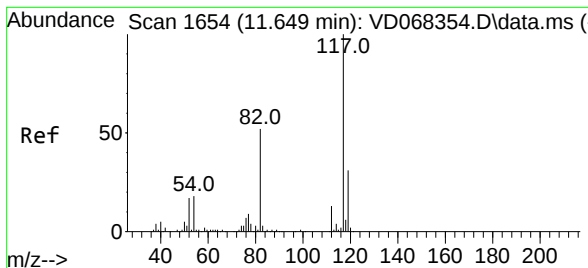
Tgt Ion: 98 Resp: 991003
Ion Ratio Lower Upper
98 100
100 63.7 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.94 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion: 95 Resp: 305390
Ion Ratio Lower Upper
95 100
174 79.8 0.0 172.4
176 76.9 0.0 168.4

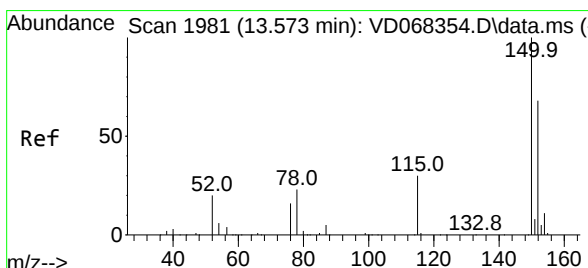
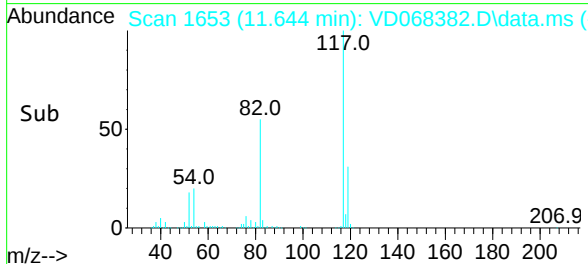
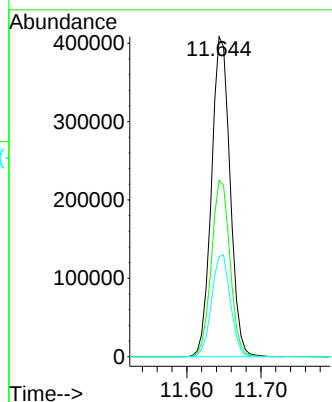
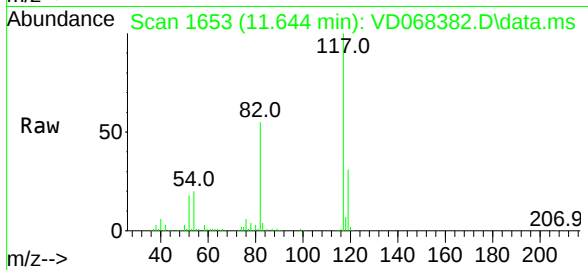




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

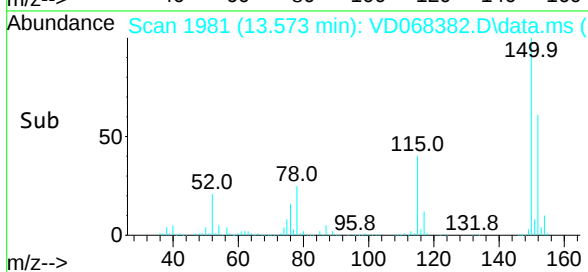
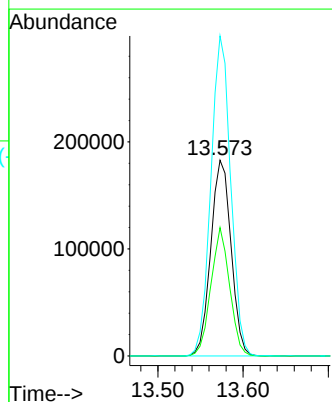
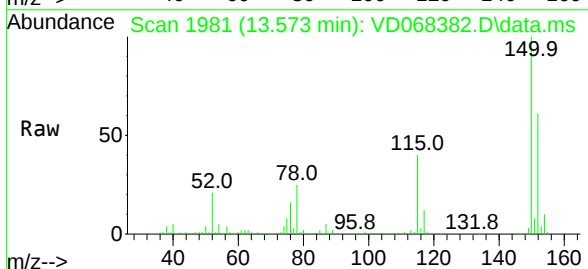
Instrument :
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ClientSampleId :
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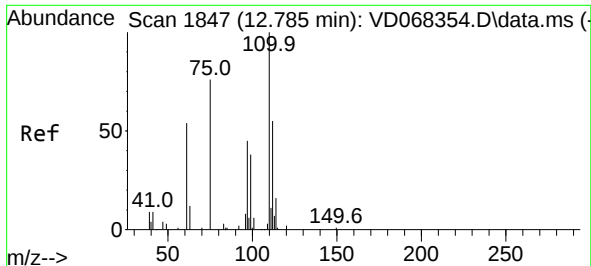
Tgt Ion:117 Resp: 711576
Ion Ratio Lower Upper
117 100
82 55.2 41.4 62.0
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion:152 Resp: 303639
Ion Ratio Lower Upper
152 100
115 60.4 28.9 86.8
150 159.4 0.0 344.4

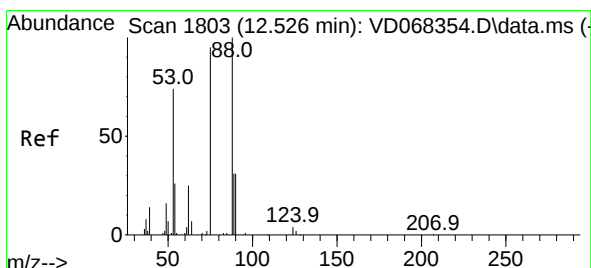
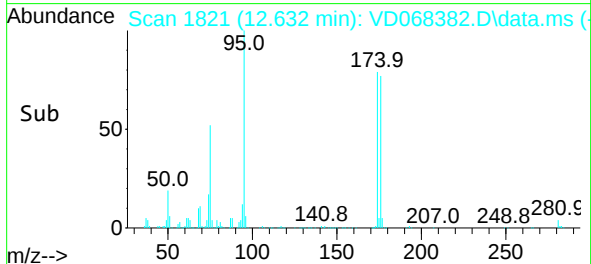
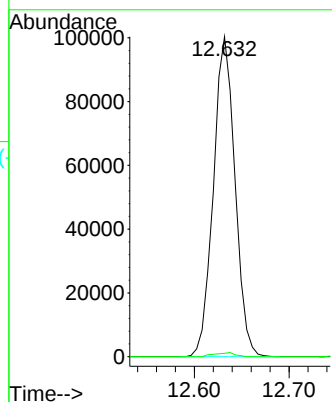
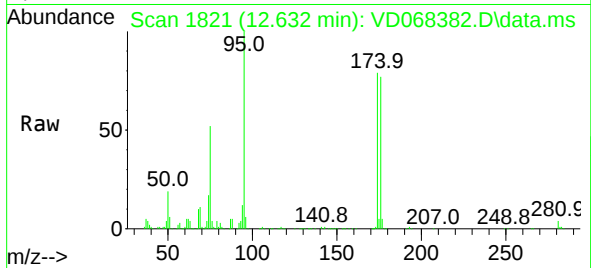




#76
1,2,3-Trichloropropane
Concen: 55.03 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Instrument :
MSVOA_D
ClientSampled :
WO-1

Tgt Ion: 75 Resp: 159012
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 137.95 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068382.D
Acq: 17 Feb 2021 14:52

Tgt Ion: 75 Resp: 159012
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

