

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030821\
 Data File : VD068557.D
 Acq On : 08 Mar 2021 13:45
 Operator : VA/SY
 Sample : M1582-04
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Quant Time: Mar 09 00:10:09 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)

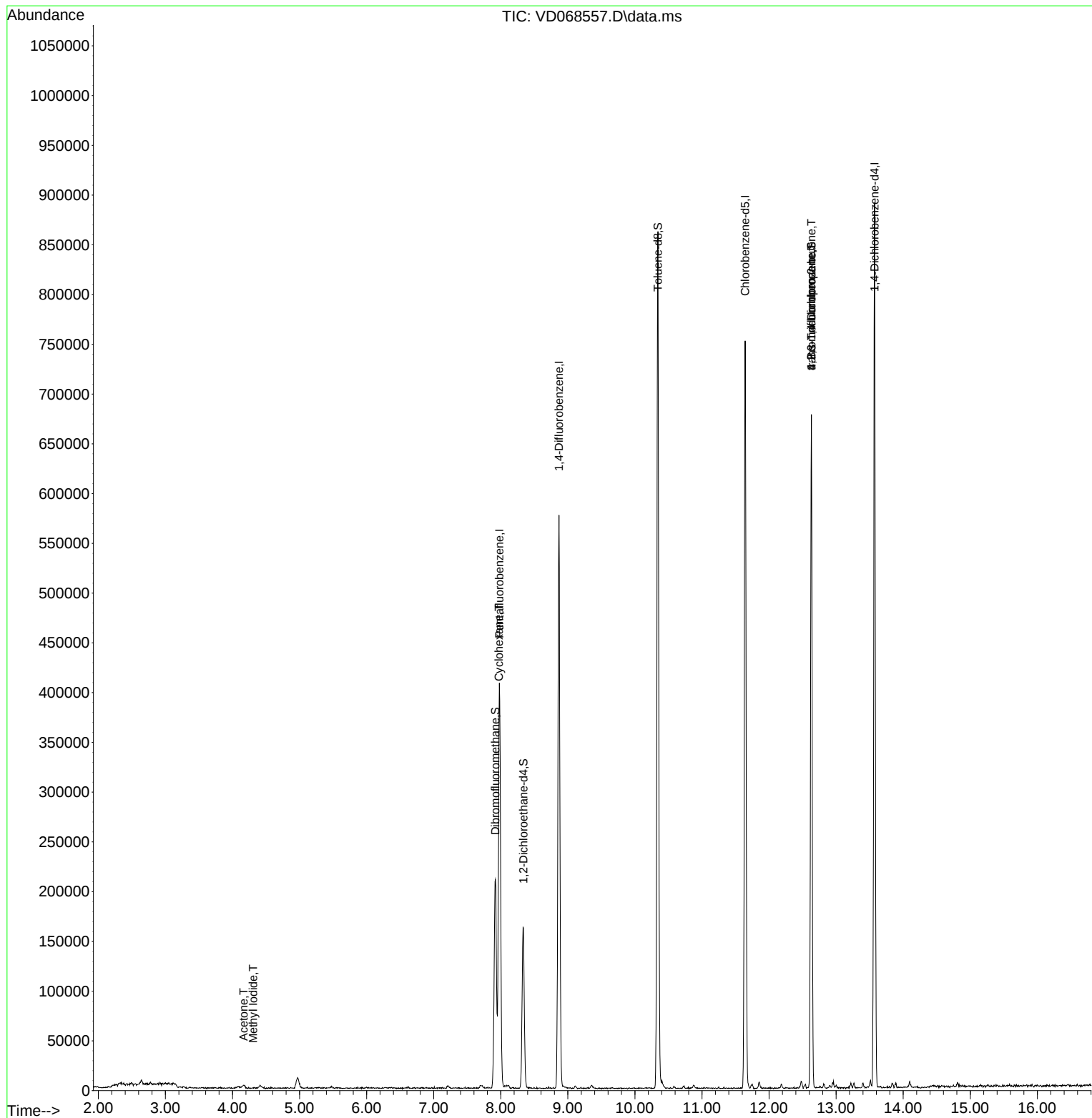
Internal Standards						
1) Pentafluorobenzene	7.979	168	311987	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	521140	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	461633	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.572	152	235511	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.337	65	129429	41.52	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.04%
35) Dibromofluoromethane	7.920	113	158149	50.38	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	100.76%
50) Toluene-d8	10.343	98	614975	49.18	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.36%
62) 4-Bromofluorobenzene	12.631	95	195969	48.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.26%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.308	142	462	2.73	ug/l #	38
16) Acetone	4.167	43	5599	11.31	ug/l #	82
20) Methylene Chloride	4.973	84	9230	Below Cal	#	89
31) Cyclohexane	7.973	56	7284	1.28	ug/l #	8
76) 1,2,3-Trichloropropane	12.631	75	99276	47.48	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.631	75	99276	110.81	ug/l #	13

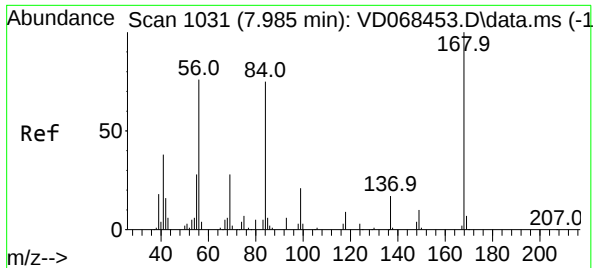
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Mar 09 00:10:09 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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Response via : Initial Calibration

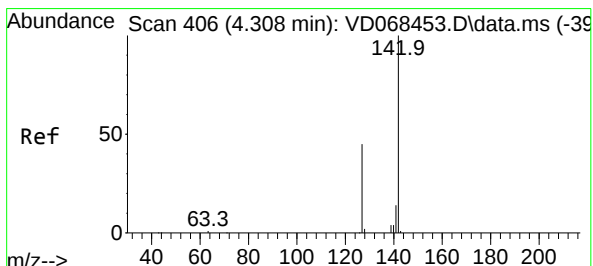
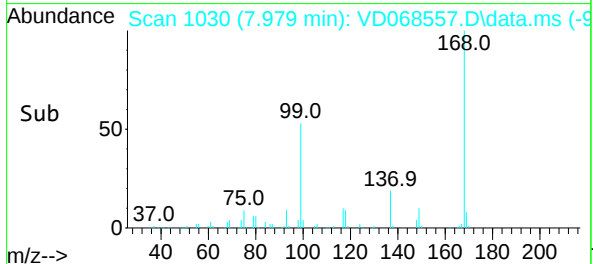
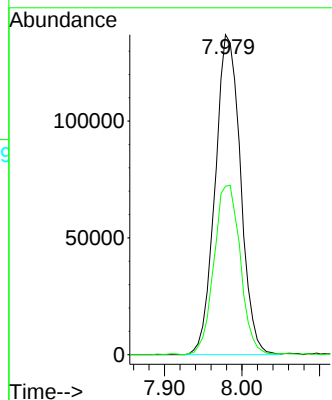
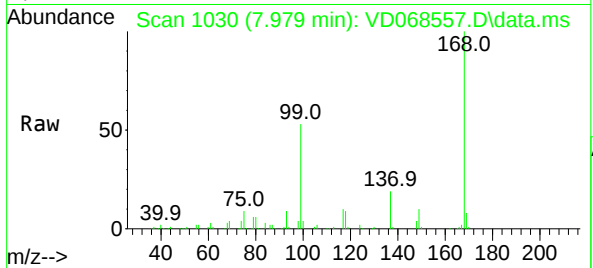




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

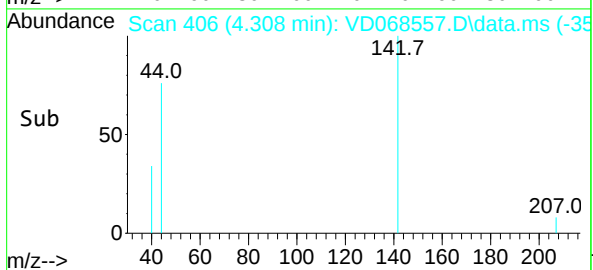
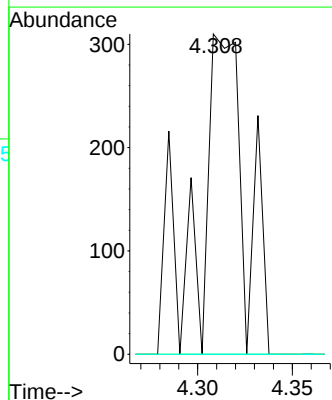
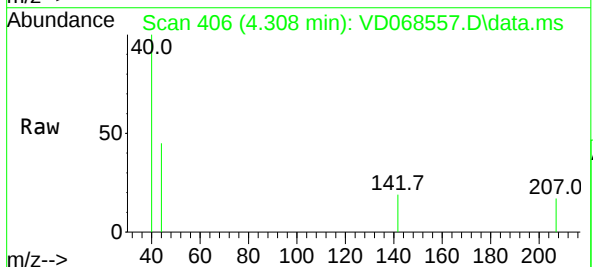
Instrument :
MSVOA_D
ClientSampleId :
RO-363

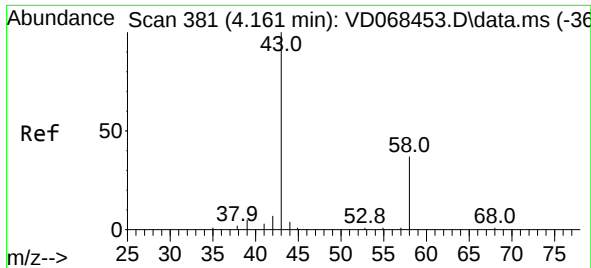
Tgt Ion:168 Resp: 311987
Ion Ratio Lower Upper
168 100
99 52.5 43.5 65.3



#10
Methyl Iodide
Concen: 2.73 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion:142 Resp: 462
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

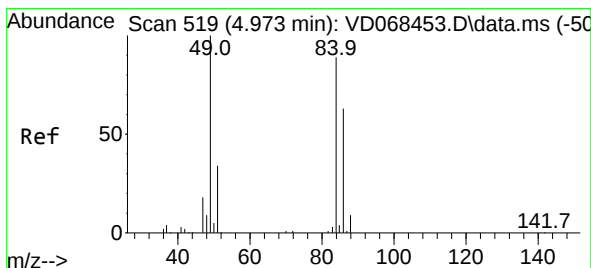
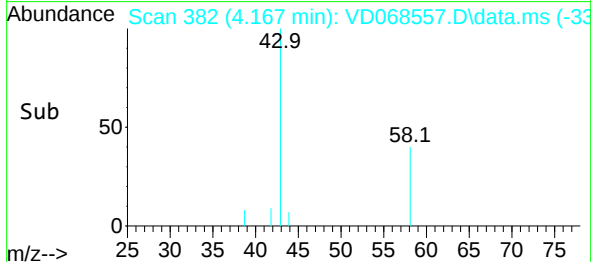
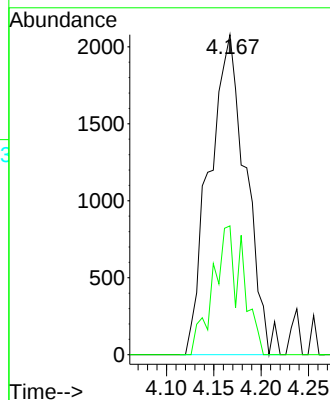
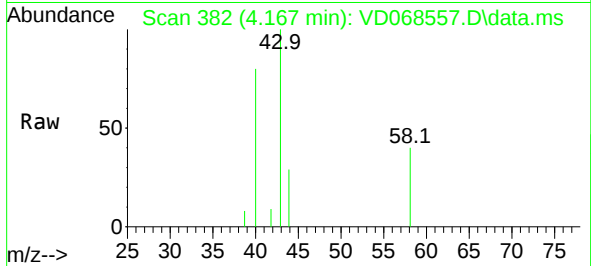




#16
Acetone
Concen: 11.31 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

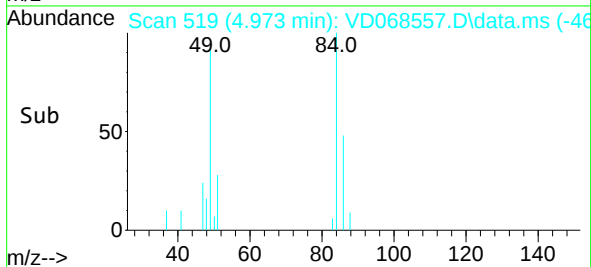
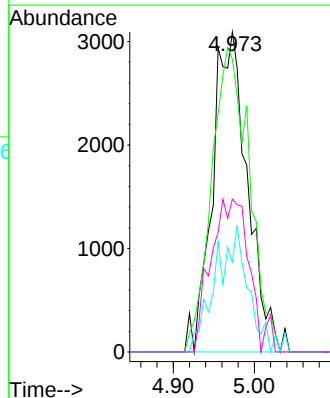
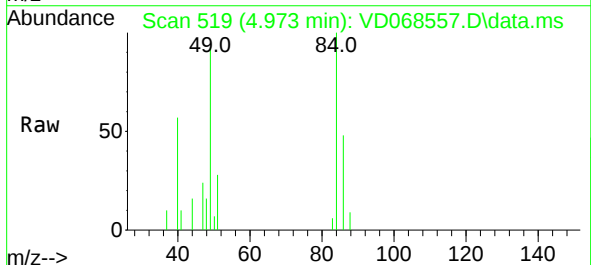
Instrument :
MSVOA_D
ClientSampleId :
RO-363

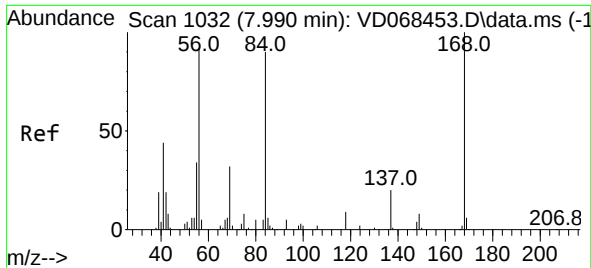
Tgt Ion: 43 Resp: 5599
Ion Ratio Lower Upper
43 100
58 40.3 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 84 Resp: 9230
Ion Ratio Lower Upper
84 100
49 91.6 77.4 116.2
51 28.1 26.1 39.1
86 47.8 51.8 77.8#

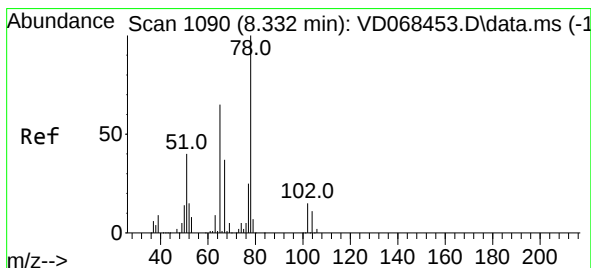
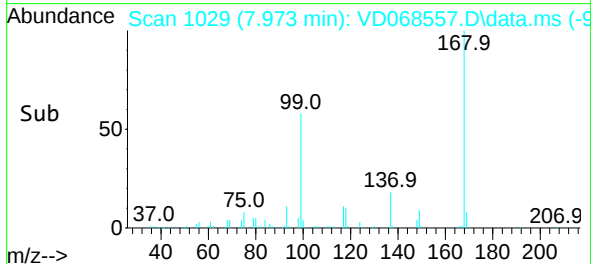
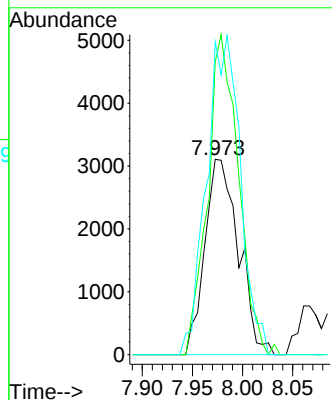
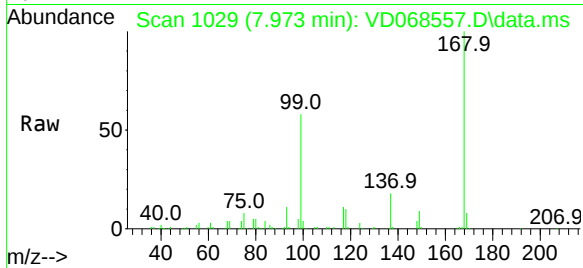




#31
Cyclohexane
Concen: 1.28 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.018 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

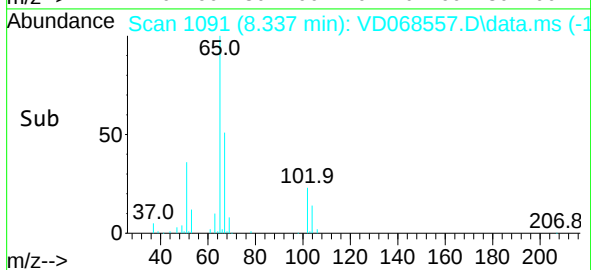
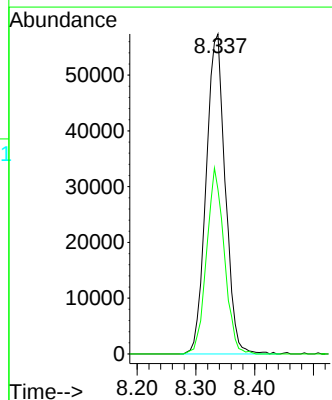
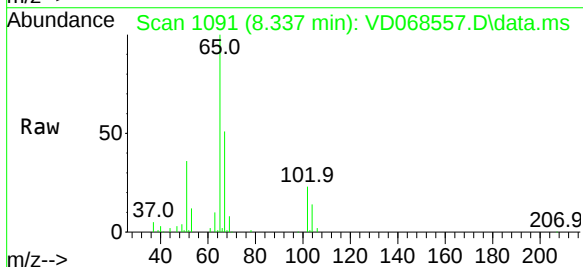
Instrument :
MSVOA_D
ClientSampleId :
RO-363

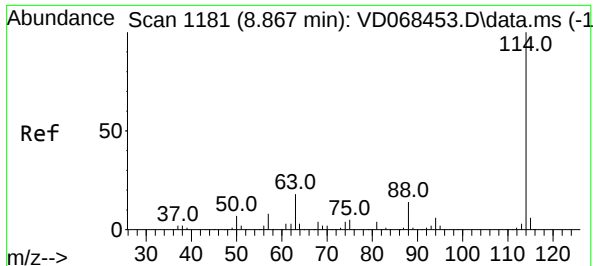
Tgt Ion: 56 Resp: 7284
Ion Ratio Lower Upper
56 100
69 149.9 30.1 45.1#
84 160.0 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 41.52 ug/l
RT: 8.337 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 65 Resp: 129429
Ion Ratio Lower Upper
65 100
67 53.9 0.0 105.0

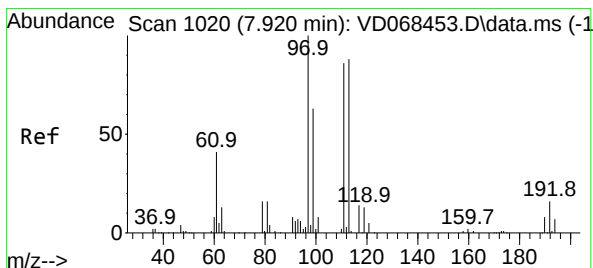
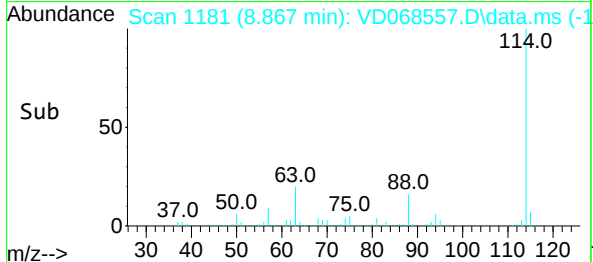
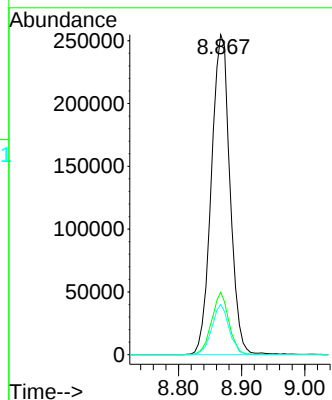
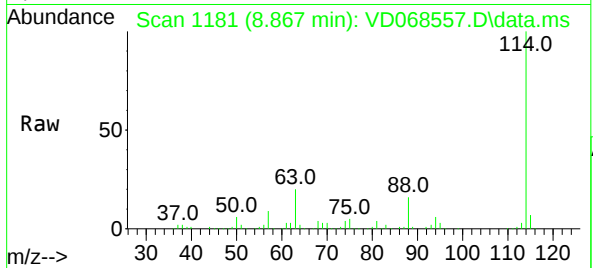




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

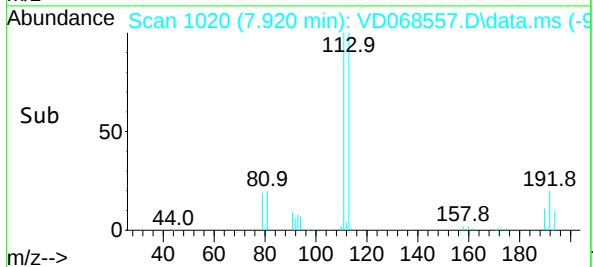
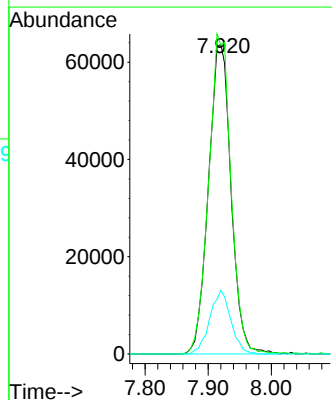
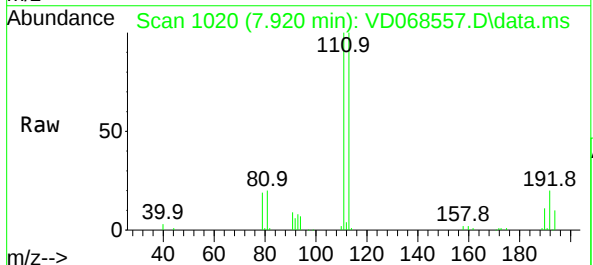
Instrument :
MSVOA_D
ClientSampled :
RO-363

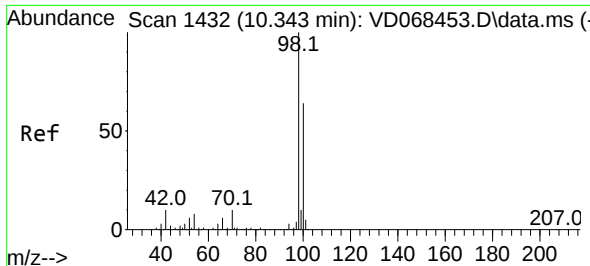
Tgt Ion:114 Resp: 521140
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 15.6 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.38 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion:113 Resp: 158149
Ion Ratio Lower Upper
113 100
111 102.1 81.4 122.0
192 19.2 16.1 24.1

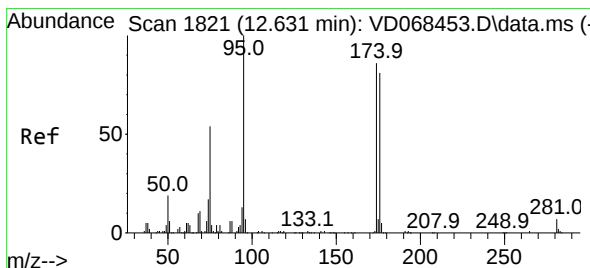
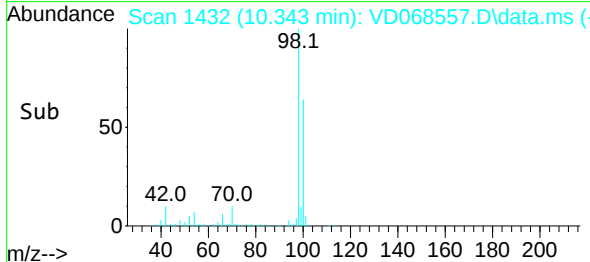
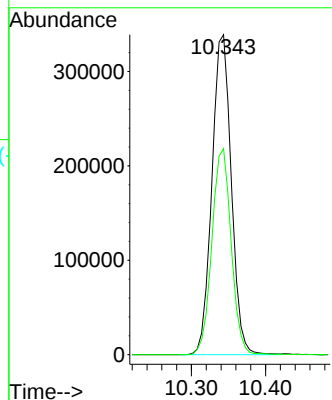
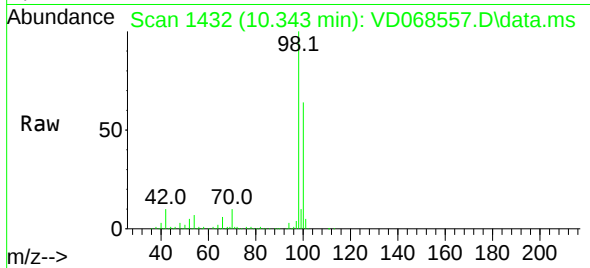




#50
Toluene-d8
Concen: 49.18 ug/l
RT: 10.343 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

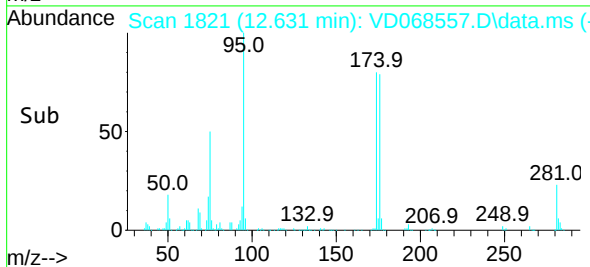
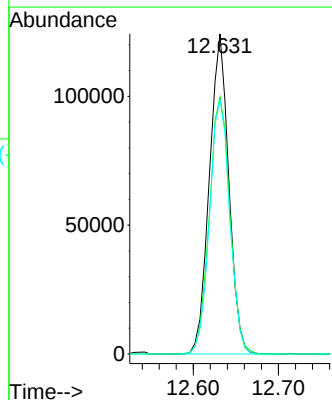
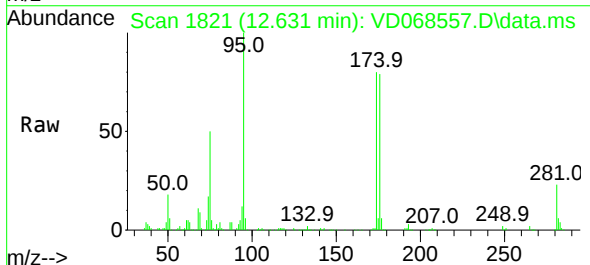
Instrument :
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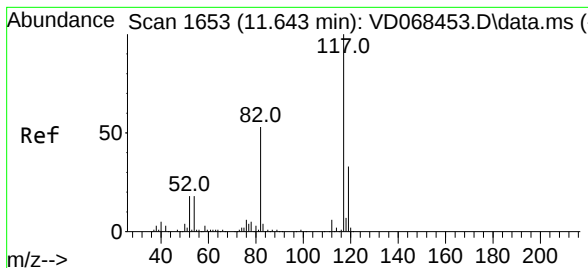
Tgt Ion: 98 Resp: 614975
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.63 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 95 Resp: 195969
Ion Ratio Lower Upper
95 100
174 85.6 0.0 172.4
176 82.6 0.0 168.4

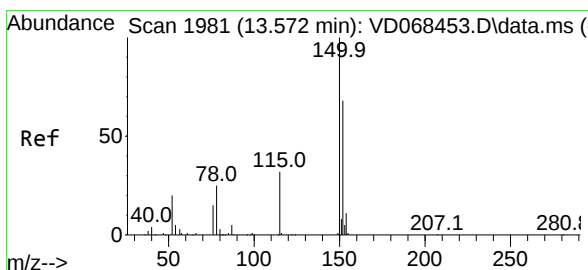
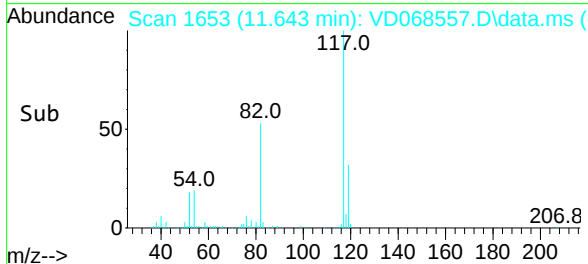
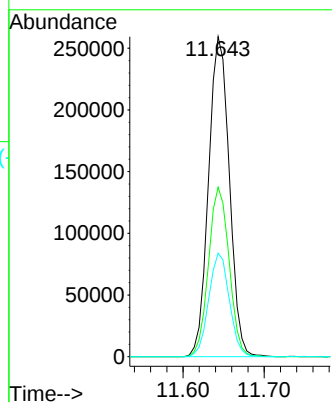
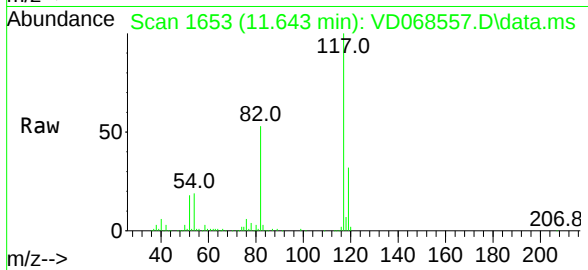




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

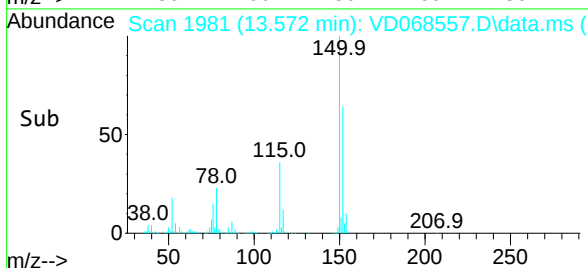
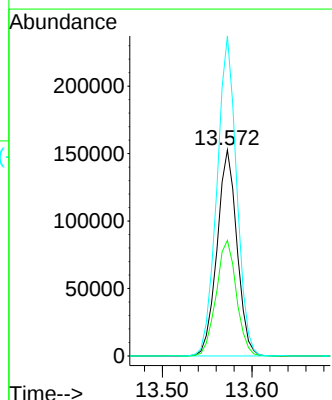
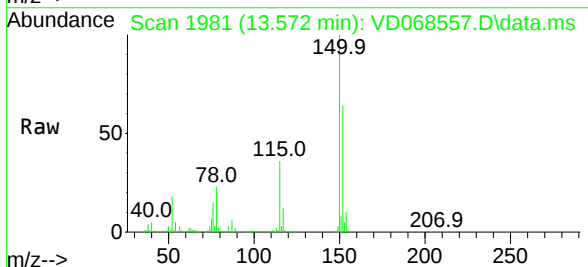
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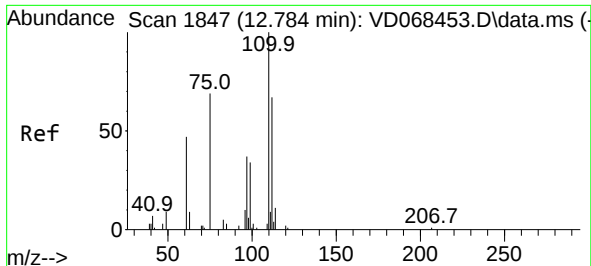
Tgt Ion:117 Resp: 461633
Ion Ratio Lower Upper
117 100
82 52.9 41.4 62.0
119 32.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.572 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion:152 Resp: 235511
Ion Ratio Lower Upper
152 100
115 57.0 28.9 86.8
150 153.6 0.0 344.4

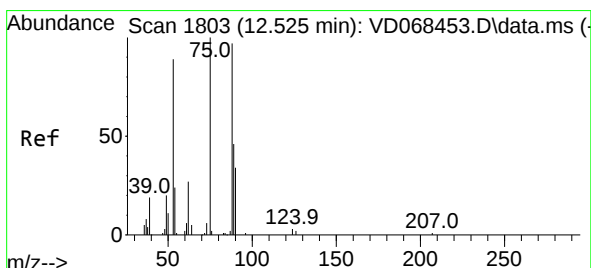
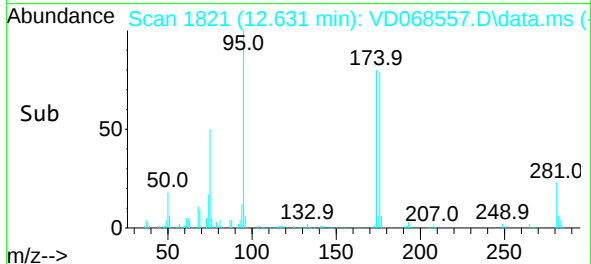
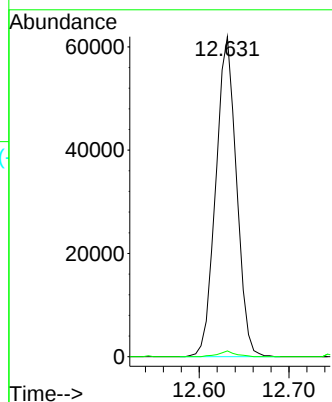
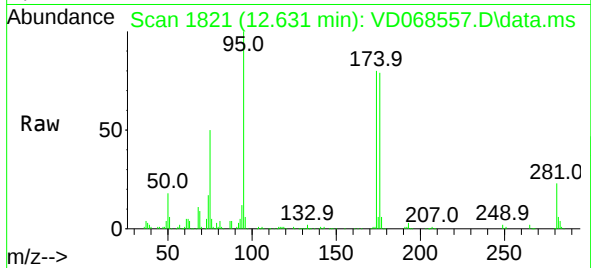




#76
1,2,3-Trichloropropane
Concen: 47.48 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Instrument :
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ClientSampleId :
RO-363

Tgt Ion: 75 Resp: 99276
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 110.81 ug/l
RT: 12.631 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068557.D
Acq: 08 Mar 2021 13:45

Tgt Ion: 75 Resp: 99276
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

