

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
 Data File : VD068548.D
 Acq On : 05 Mar 2021 17:21
 Operator : VA/SY
 Sample : M1582-04
 Misc : 5.15G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-363

Quant Time: Mar 05 23:13:40 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)

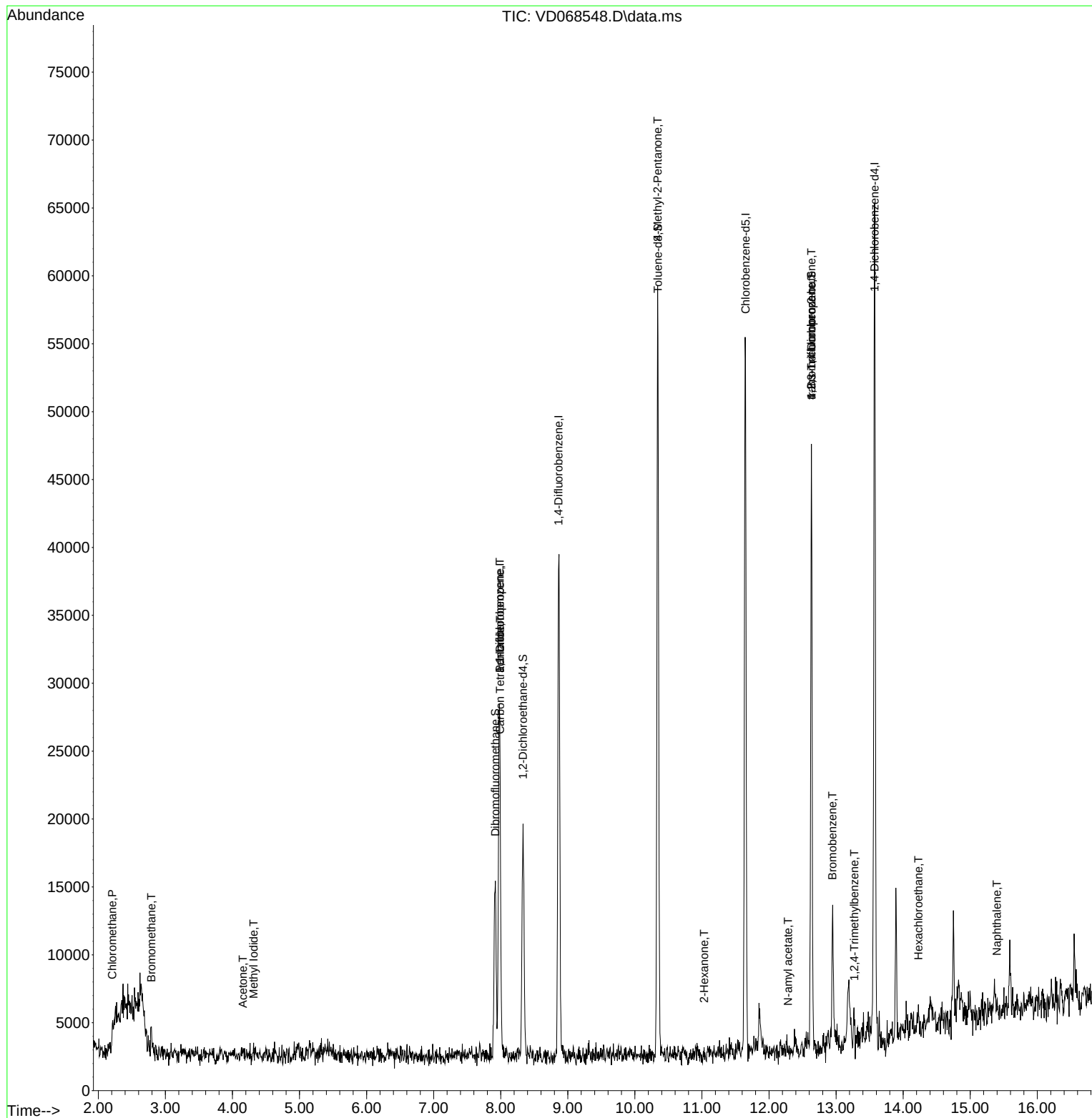
Internal Standards						
1) Pentafluorobenzene	7.985	168	21270	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	33942	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	33121	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	16075	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	13171	61.98	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 123.96%			
35) Dibromofluoromethane	7.920	113	9451	46.22	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 92.44%			
50) Toluene-d8	10.344	98	39400	48.38	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.76%			
62) 4-Bromofluorobenzene	12.632	95	14142	53.88	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 107.76%			
Target Compounds					Qvalue	
3) Chloromethane	2.209	50	367	1.41	ug/l #	43
5) Bromomethane	2.791	94	1125	5.10	ug/l #	58
10) Methyl Iodide	4.315	142	558	4.67	ug/l #	38
16) Acetone	4.156	43	901	26.69	ug/l #	44
20) Methylene Chloride	4.962	84	392	Below Cal	#	60
36) 1,1-Dichloropropene	7.985	75	1459	4.52	ug/l #	39
38) Carbon Tetrachloride	7.991	117	1897	6.26	ug/l #	12
51) 4-Methyl-2-Pentanone	10.338	43	127	1.23	ug/l #	1
59) 2-Hexanone	11.032	43	73	1.06	ug/l #	19
74) N-amyl acetate	12.285	43	210	1.03	ug/l #	36
76) 1,2,3-Trichloropropane	12.632	75	6069	42.53	ug/l #	100
77) Bromobenzene	12.944	156	338	1.24	ug/l #	15
81) trans-1,4-Dichloro-2-b...	12.632	75	6069	99.24	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.273	105	1594	1.63	ug/l	96
90) Hexachloroethane	14.226	117	369	1.74	ug/l #	10
95) Naphthalene	15.396	128	768	1.22	ug/l #	69

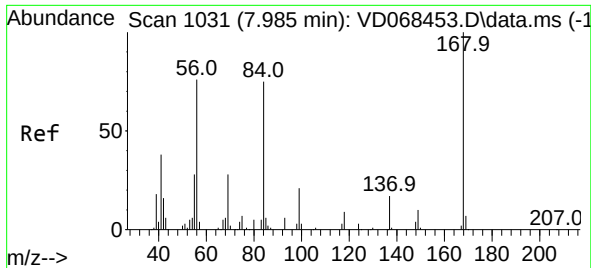
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030521\
Data File : VD068548.D
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Operator : VA/SY
Sample : M1582-04
Misc : 5.15G/5.00ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampled :
RO-363

Quant Time: Mar 05 23:13:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
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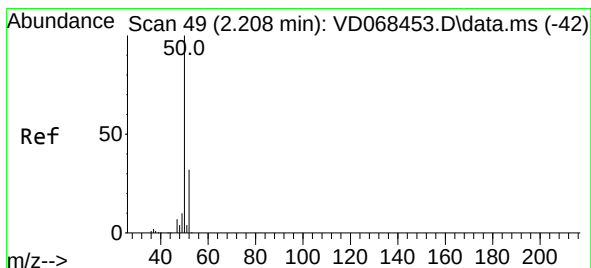
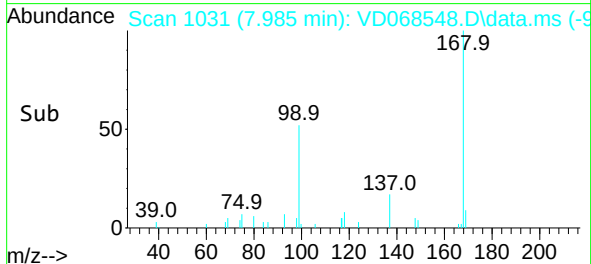
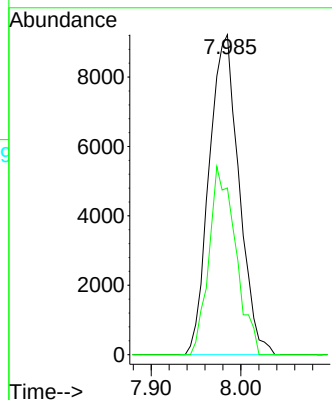
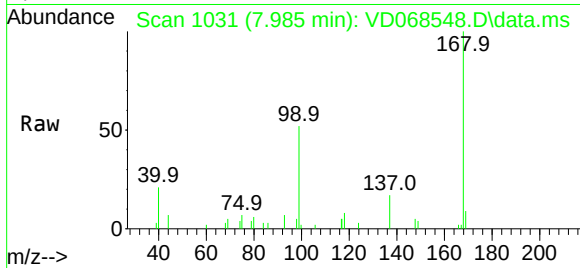




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

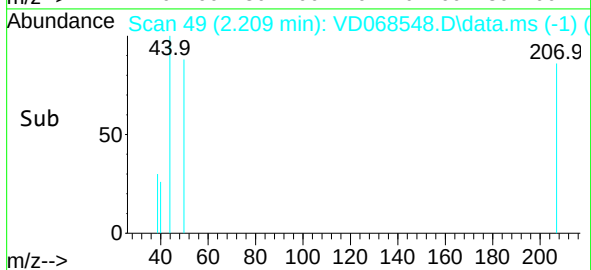
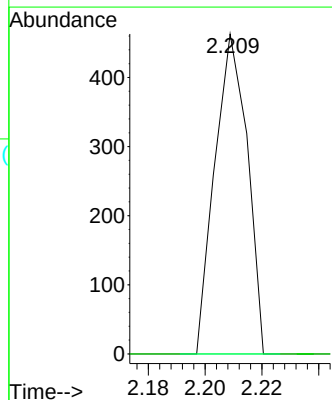
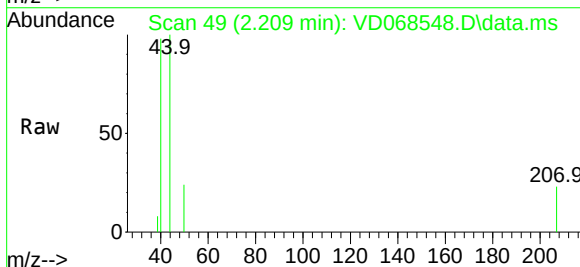
Instrument :
MSVOA_D
ClientSampleId :
RO-363

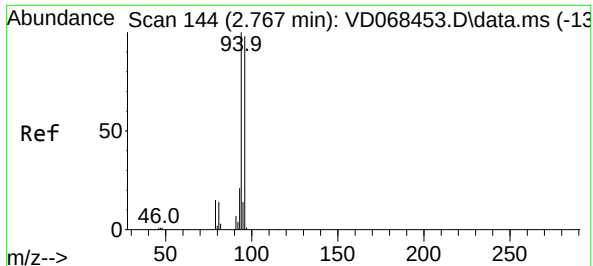
Tgt Ion:168 Resp: 21270
Ion Ratio Lower Upper
168 100
99 52.1 43.5 65.3



#3
Chloromethane
Concen: 1.41 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 50 Resp: 367
Ion Ratio Lower Upper
50 100
52 0.0 25.4 38.2#





#5

Bromomethane

Concen: 5.10 ug/l

RT: 2.791 min Scan# 148

Delta R.T. 0.024 min

Lab File: VD068548.D

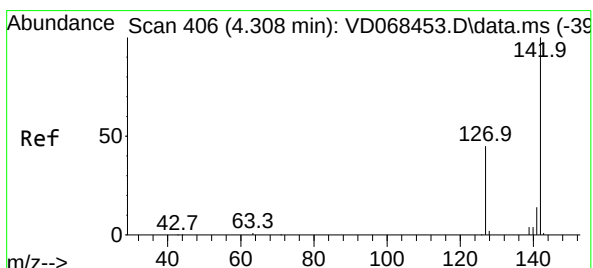
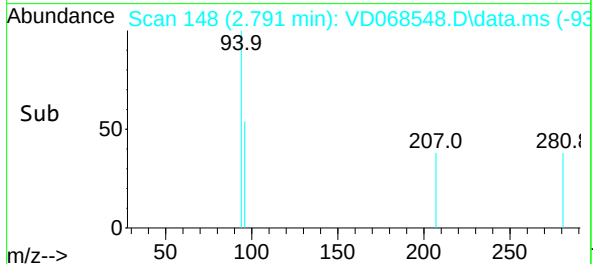
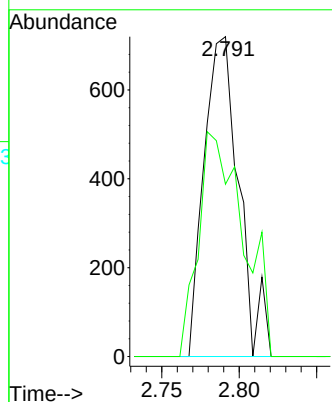
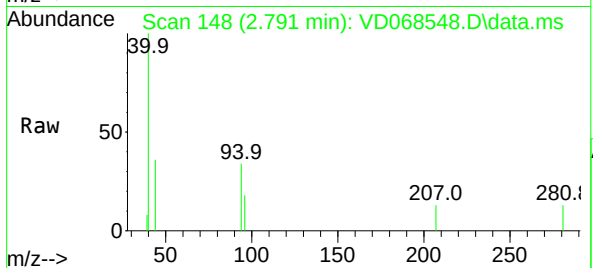
Acq: 05 Mar 2021 17:21

Tgt Ion: 94 Resp: 1125

Ion Ratio Lower Upper

94 100

96 53.9 75.8 113.8#



#10

Methyl Iodide

Concen: 4.67 ug/l

RT: 4.315 min Scan# 407

Delta R.T. 0.007 min

Lab File: VD068548.D

Acq: 05 Mar 2021 17:21

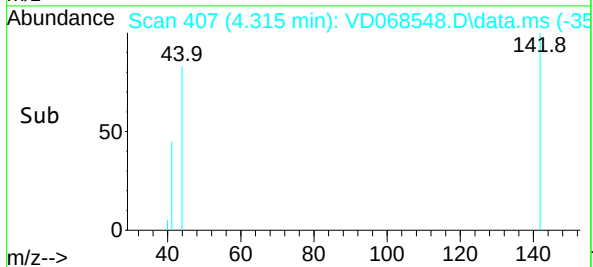
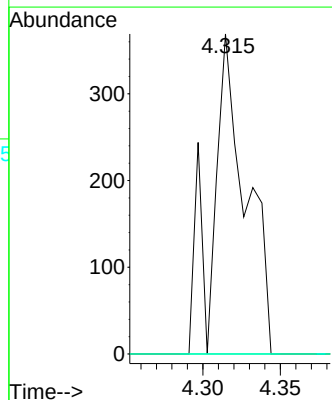
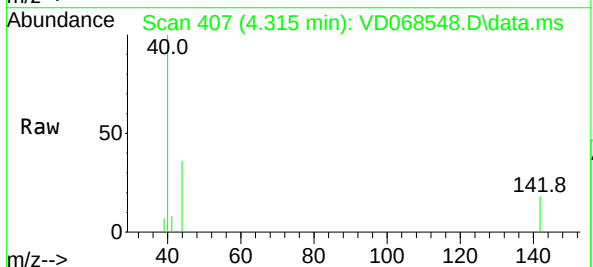
Tgt Ion: 142 Resp: 558

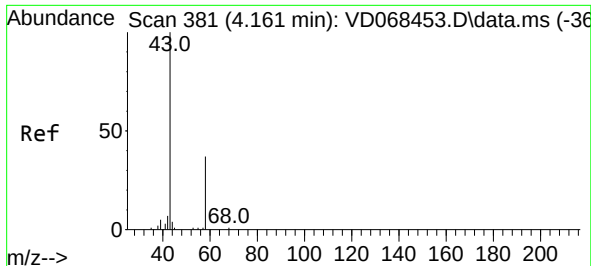
Ion Ratio Lower Upper

142 100

127 0.0 37.9 56.9#

141 0.0 11.5 17.3#

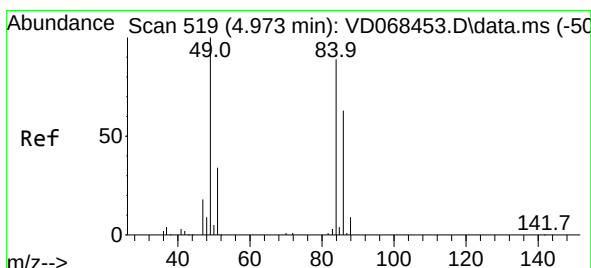
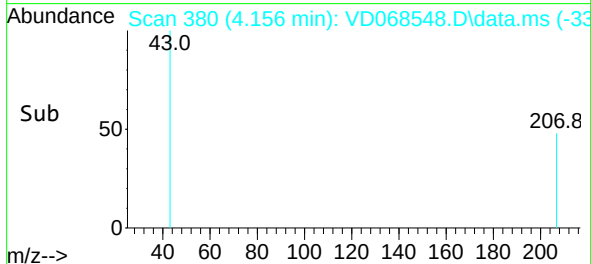
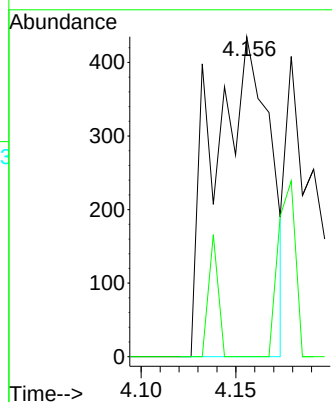
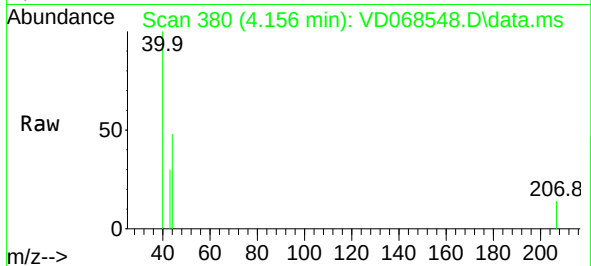




#16
Acetone
Concen: 26.69 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

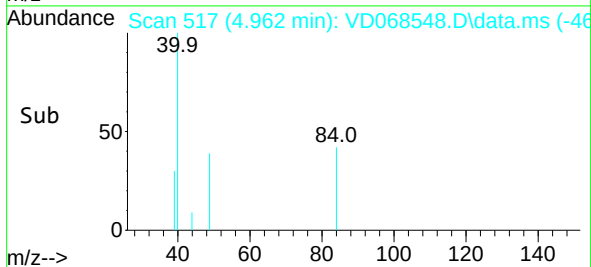
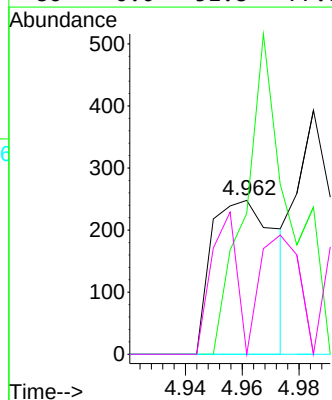
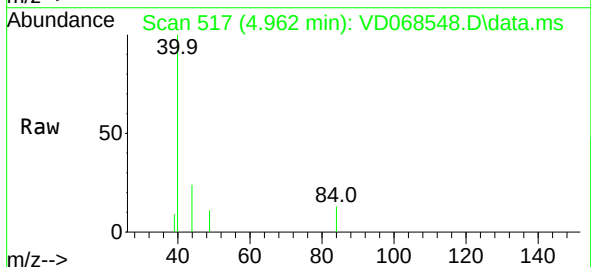
Instrument :
MSVOA_D
ClientSampleId :
RO-363

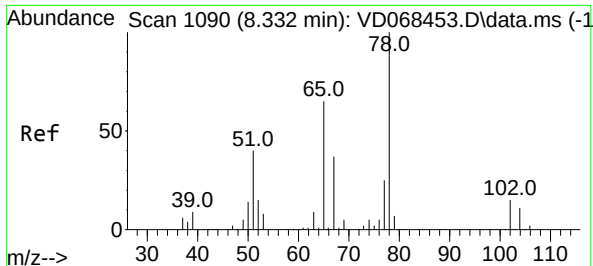
Tgt Ion: 43 Resp: 901
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 84 Resp: 392
Ion Ratio Lower Upper
84 100
49 91.5 77.4 116.2
51 0.0 26.1 39.1#
86 0.0 51.8 77.8#

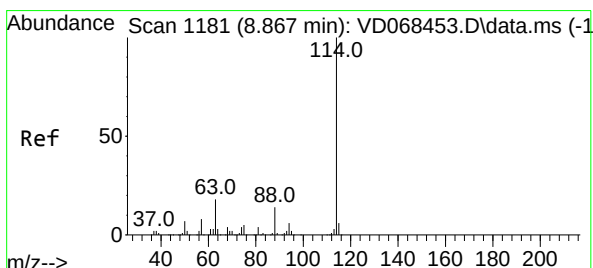
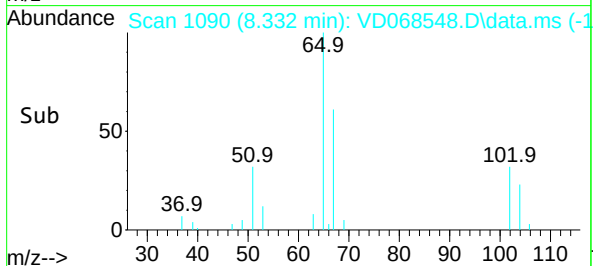
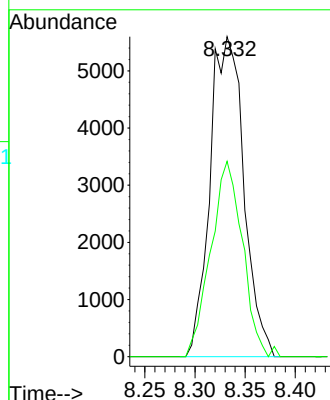
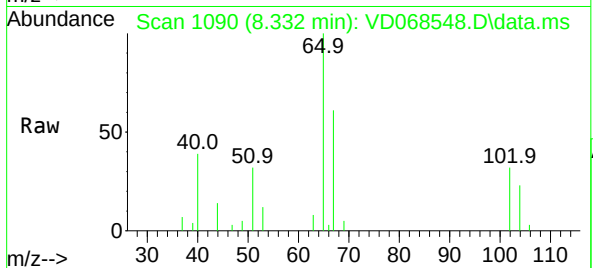




#33
1,2-Dichloroethane-d4
Concen: 61.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

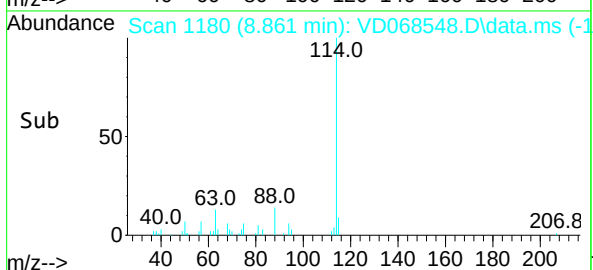
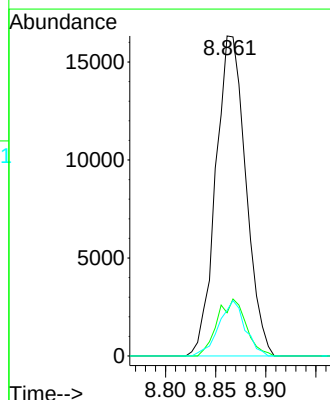
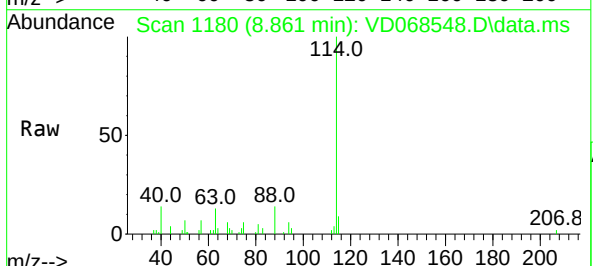
Instrument :
MSVOA_D
ClientSampled :
RO-363

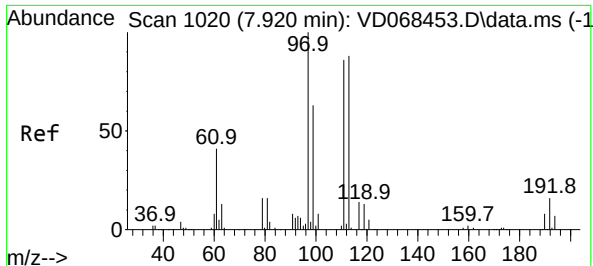
Tgt Ion: 65 Resp: 13171
Ion Ratio Lower Upper
65 100
67 57.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.005 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 114 Resp: 33942
Ion Ratio Lower Upper
114 100
63 13.5 0.0 34.8
88 14.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.22 ug/l

RT: 7.920 min Scan# 1020

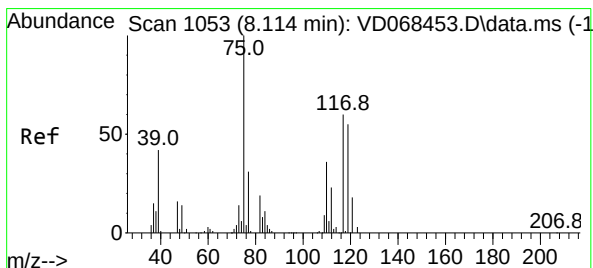
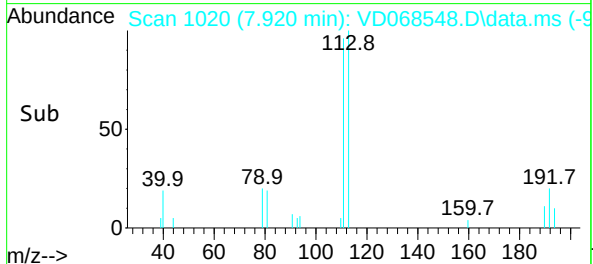
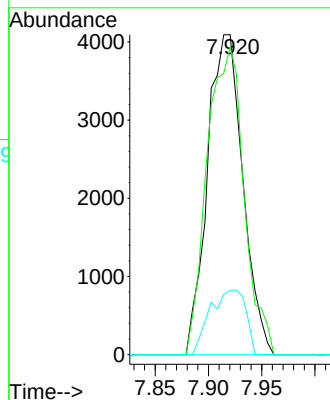
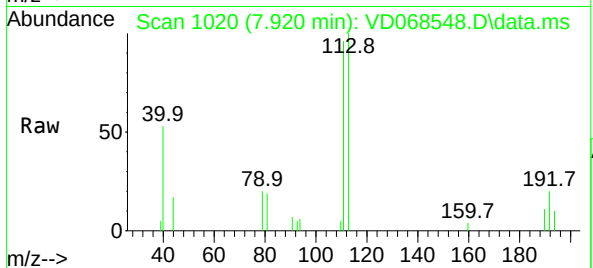
Delta R.T. 0.000 min

Lab File: VD068548.D

Acq: 05 Mar 2021 17:21

Tgt Ion:	113	Resp:	9451
Ion	Ratio	Lower	Upper
113	100		
111	100.4	81.4	122.0
192	20.4	16.1	24.1

Instrument :
MSVOA_D
ClientSampled :
RO-363



#36

1,1-Dichloropropene

Concen: 4.52 ug/l

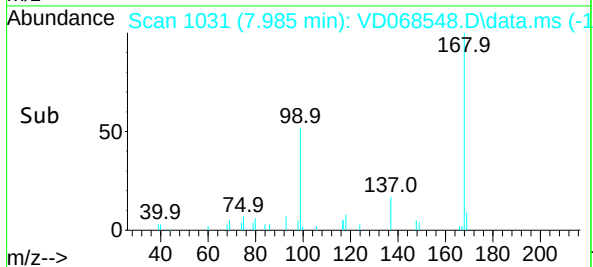
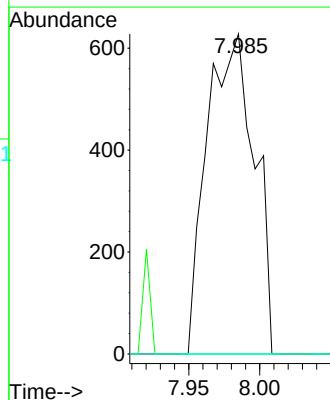
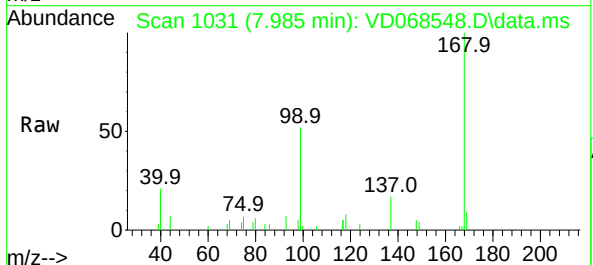
RT: 7.985 min Scan# 1031

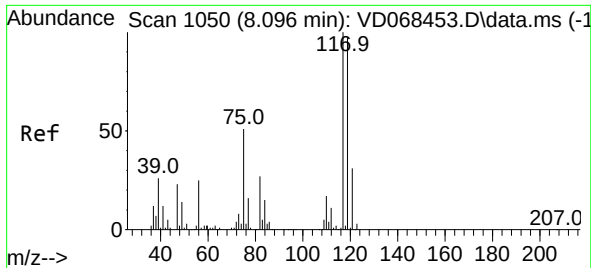
Delta R.T. -0.129 min

Lab File: VD068548.D

Acq: 05 Mar 2021 17:21

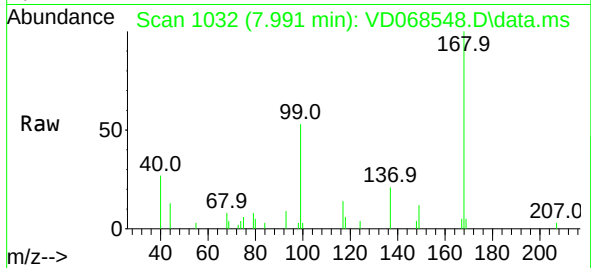
Tgt Ion:	75	Resp:	1459
Ion	Ratio	Lower	Upper
75	100		
110	0.0	19.4	58.2#
77	0.0	25.3	37.9#



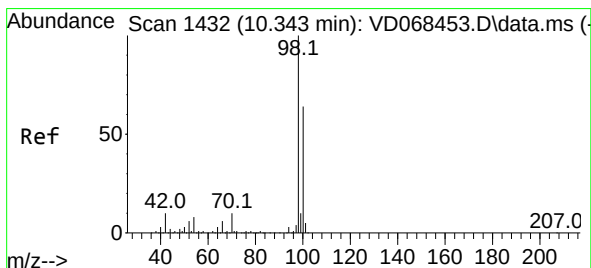
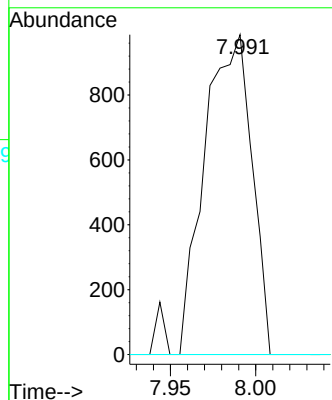
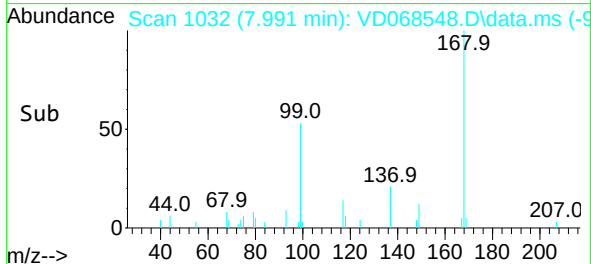


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.105 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

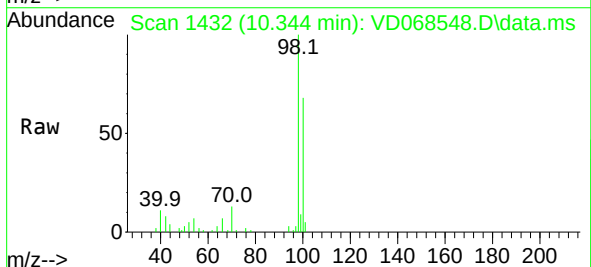
Instrument :
MSVOA_D
ClientSampled :
RO-363



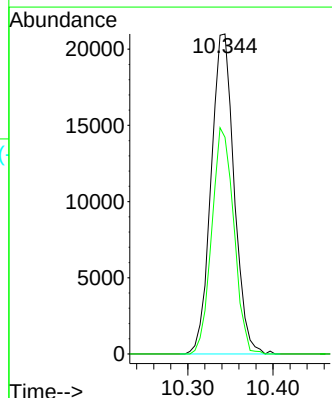
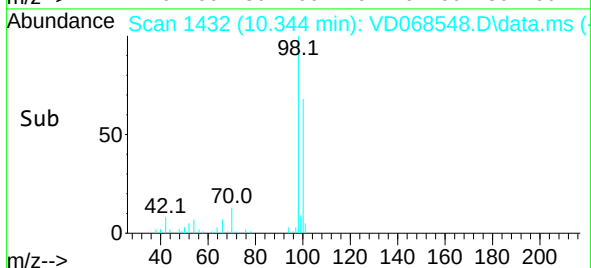
Tgt Ion:117 Resp: 1897
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#

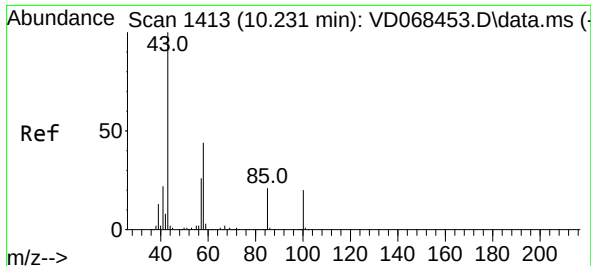


#50
Toluene-d8
Concen: 48.38 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21



Tgt Ion: 98 Resp: 39400
Ion Ratio Lower Upper
98 100
100 67.6 53.0 79.4

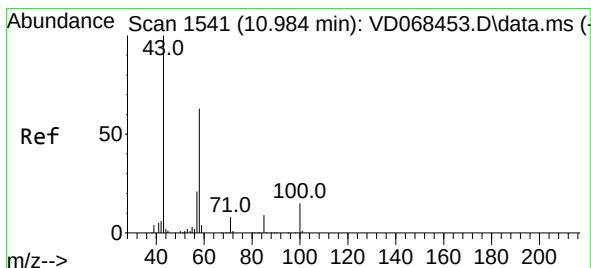
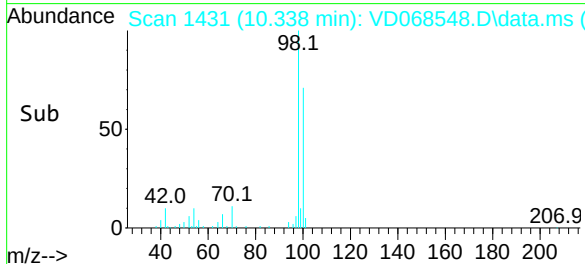
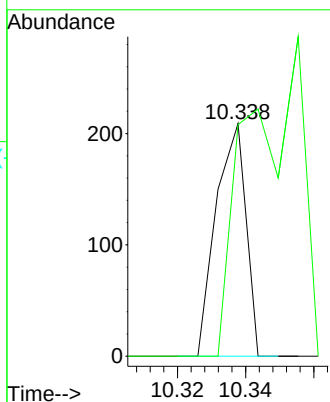
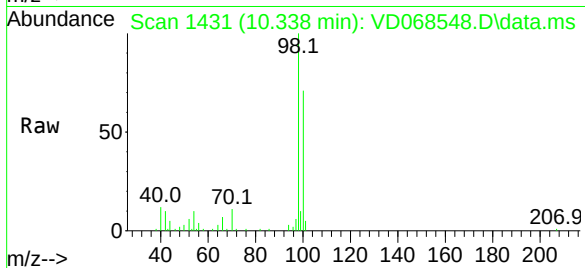




#51
4-Methyl-2-Pentanone
Concen: 1.23 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

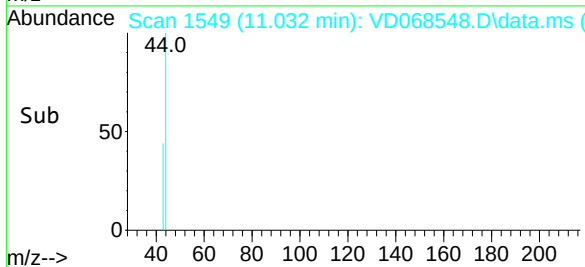
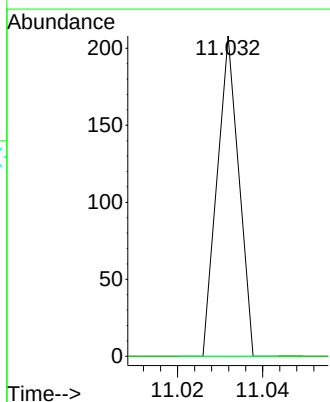
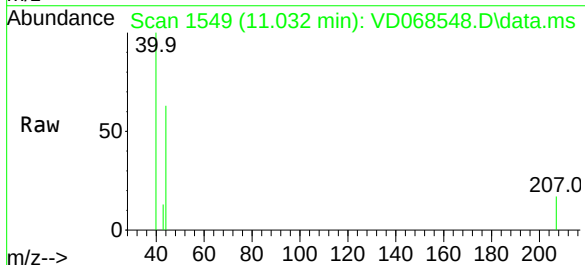
Instrument :
MSVOA_D
ClientSampled :
RO-363

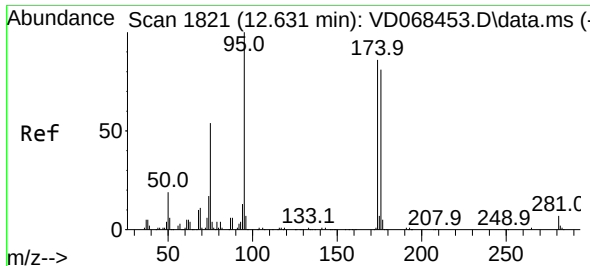
Tgt Ion: 43 Resp: 127
Ion Ratio Lower Upper
43 100
58 243.3 36.1 54.1#



#59
2-Hexanone
Concen: 1.06 ug/l
RT: 11.032 min Scan# 1549
Delta R.T. 0.047 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 43 Resp: 73
Ion Ratio Lower Upper
43 100
58 0.0 31.0 93.0#

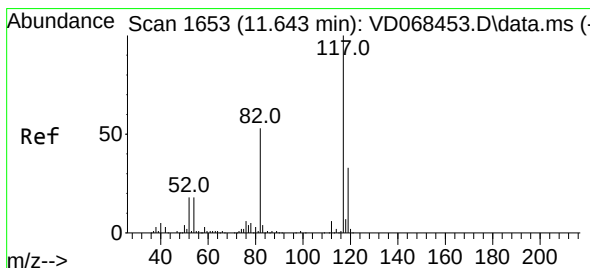
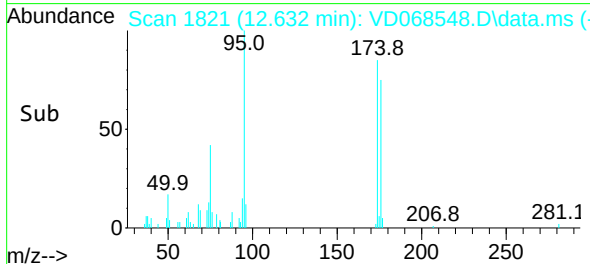
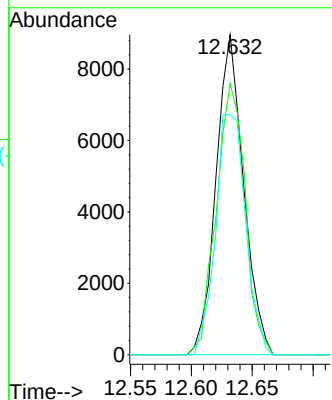
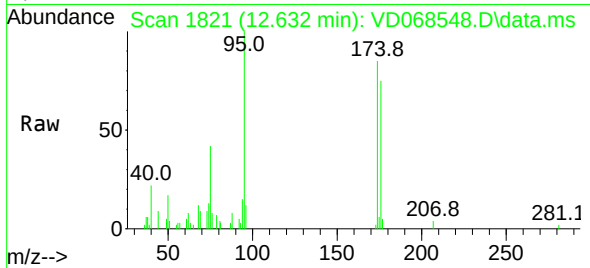




#62
4-Bromofluorobenzene
Concen: 53.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

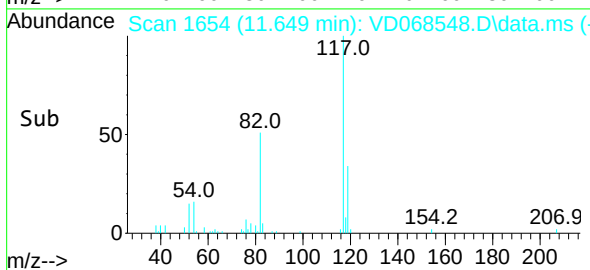
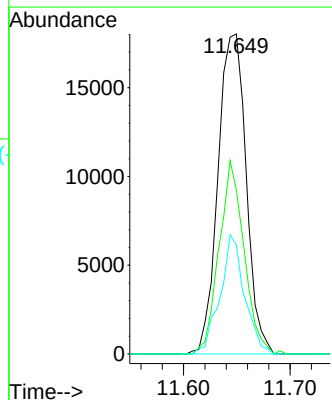
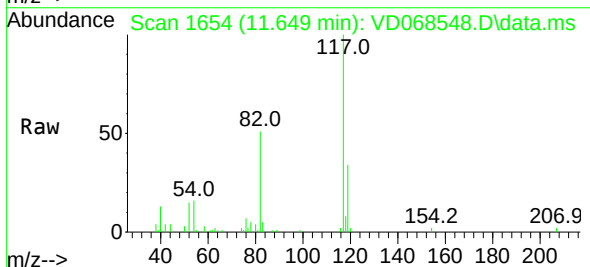
Instrument :
MSVOA_D
ClientSampled :
RO-363

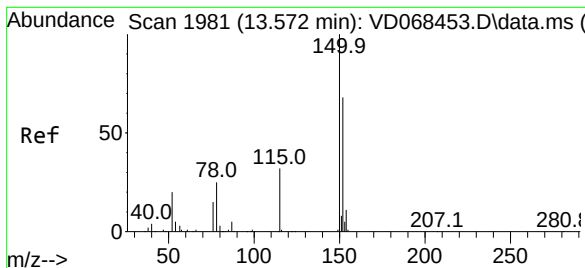
Tgt Ion:	95	Resp:	14142
Ion Ratio	Lower	Upper	
95	100		
174	88.8	0.0	172.4
176	82.2	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.006 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion:	117	Resp:	33121
Ion Ratio	Lower	Upper	
117	100		
82	51.2	41.4	62.0
119	34.1	26.1	39.1

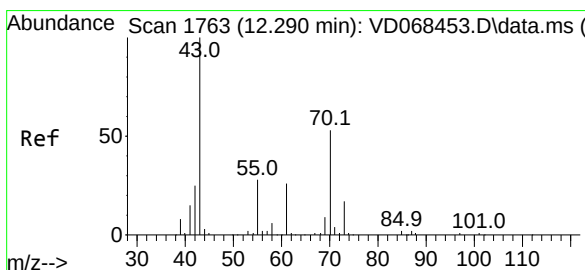
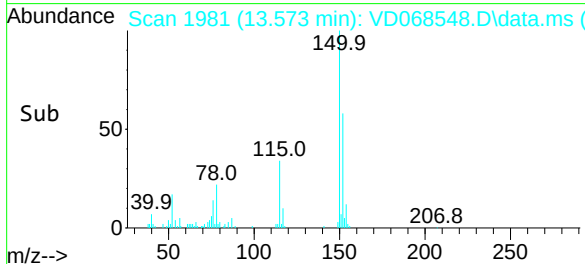
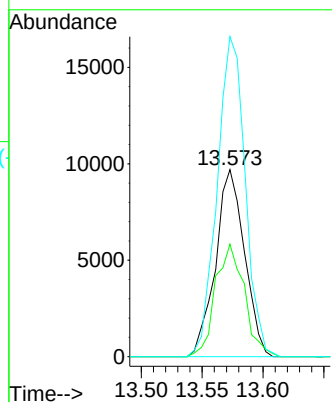
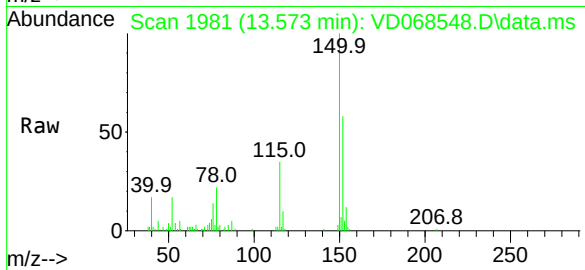




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

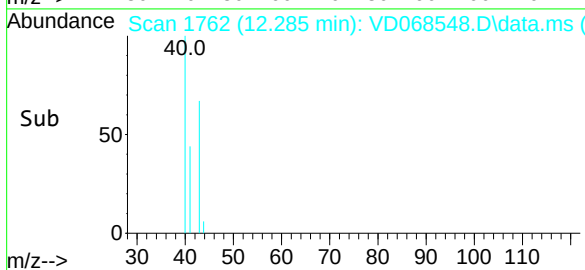
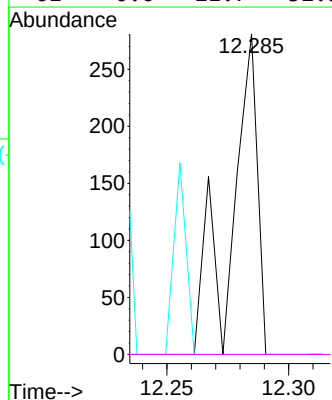
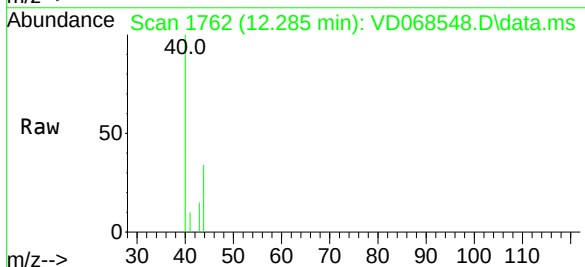
Instrument :
MSVOA_D
ClientSampleId :
RO-363

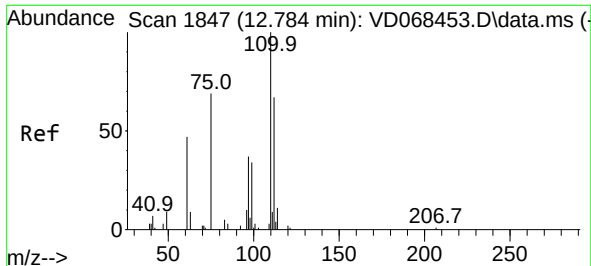
Tgt Ion:152 Resp: 16075
Ion Ratio Lower Upper
152 100
115 59.9 28.9 86.8
150 165.6 0.0 344.4



#74
N-ethyl acetate
Concen: 1.03 ug/l
RT: 12.285 min Scan# 1762
Delta R.T. -0.005 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 43 Resp: 210
Ion Ratio Lower Upper
43 100
70 0.0 41.8 62.8#
55 0.0 24.2 36.4#
61 0.0 21.7 32.5#

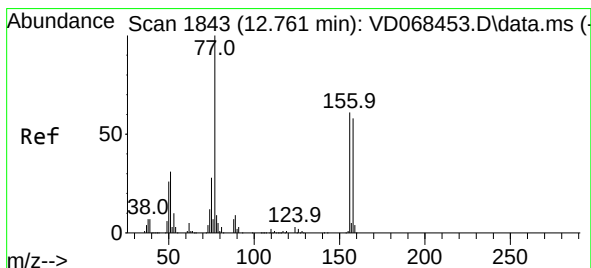
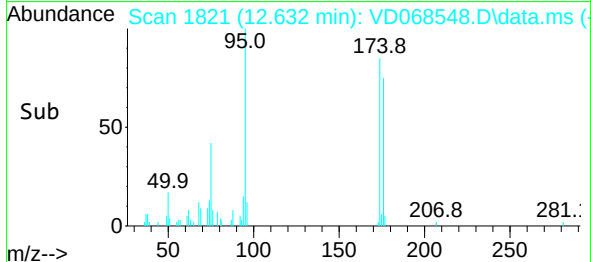
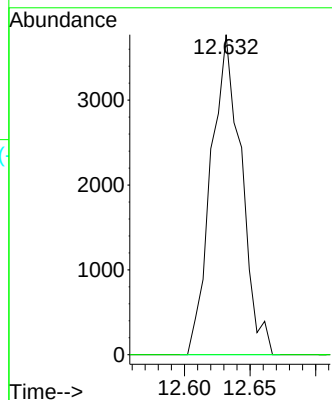
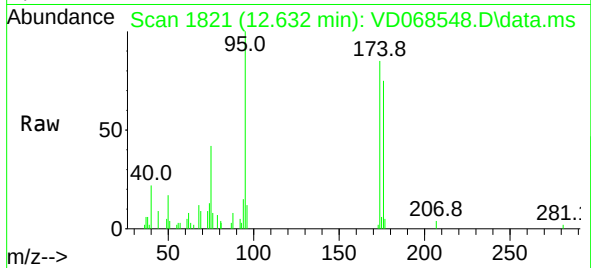




#76
1,2,3-Trichloropropane
Concen: 42.53 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

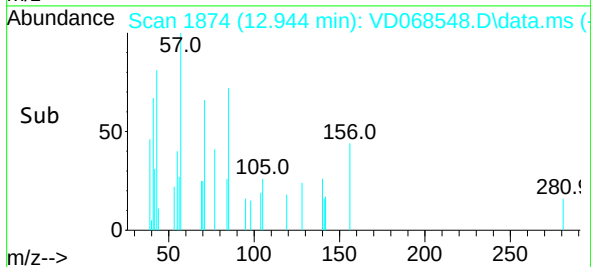
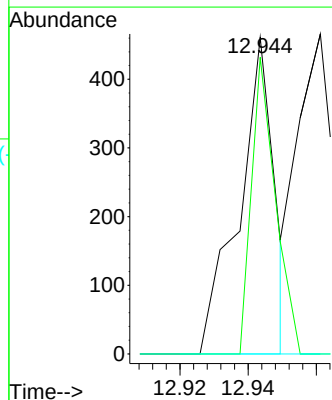
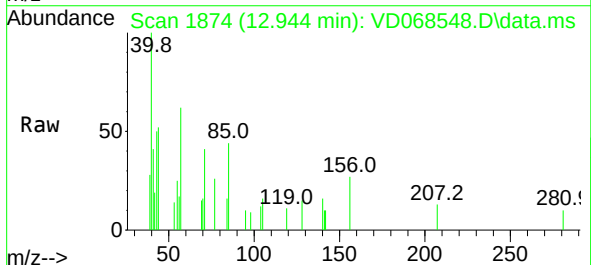
Instrument :
MSVOA_D
ClientSampled :
RO-363

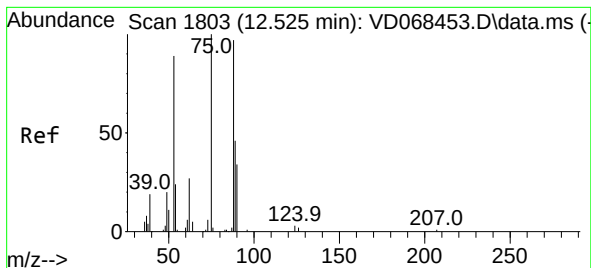
Tgt Ion: 75 Resp: 6069
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 1.24 ug/l
RT: 12.944 min Scan# 1874
Delta R.T. 0.183 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 156 Resp: 338
Ion Ratio Lower Upper
156 100
77 62.1 82.8 248.3#
158 0.0 48.0 144.0#

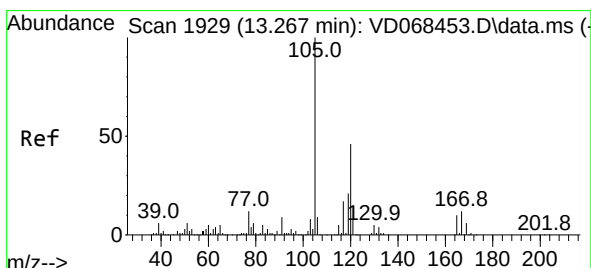
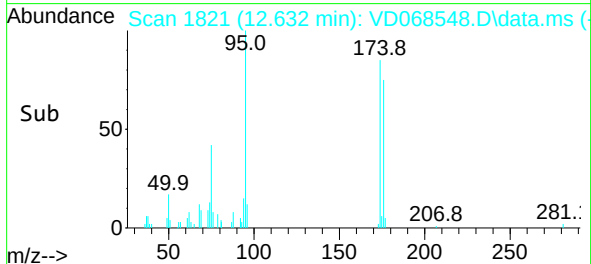
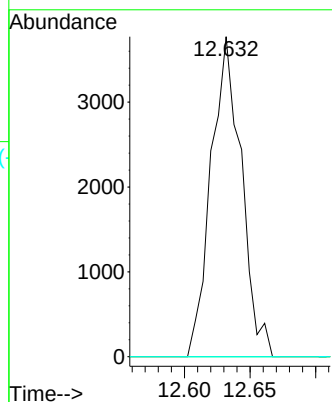
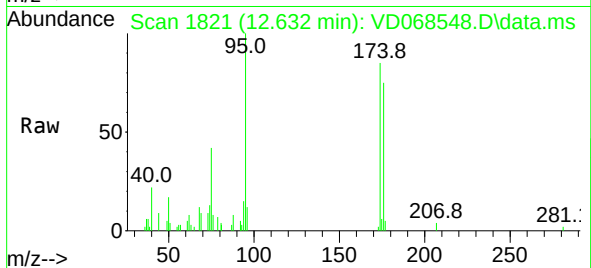




#81
trans-1,4-Dichloro-2-butene
Concen: 99.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

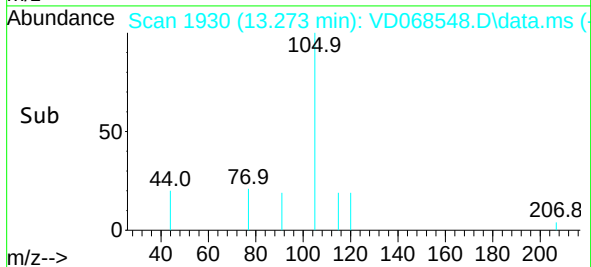
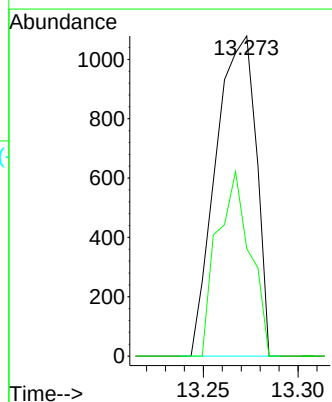
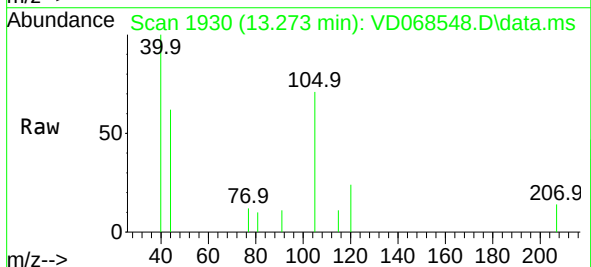
Instrument :
MSVOA_D
ClientSampled :
RO-363

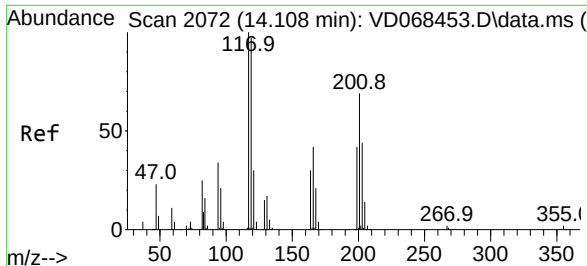
Tgt Ion: 75 Resp: 6069
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#84
1,2,4-Trimethylbenzene
Concen: 1.63 ug/l
RT: 13.273 min Scan# 1930
Delta R.T. 0.006 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion: 105 Resp: 1594
Ion Ratio Lower Upper
105 100
120 47.2 22.4 67.0

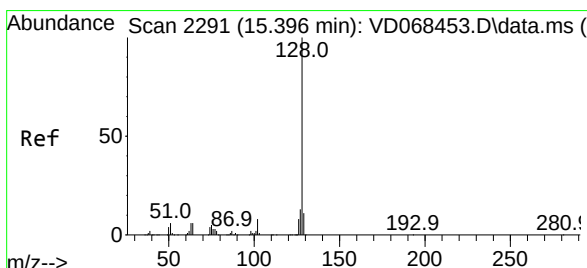
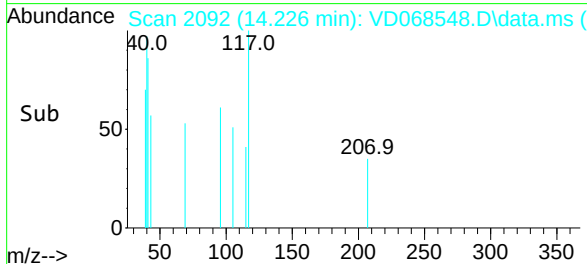
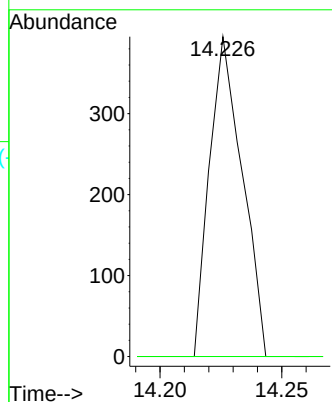
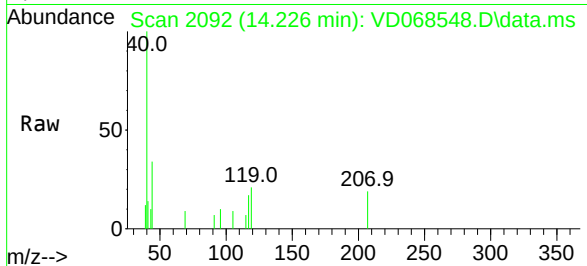




#90
Hexachloroethane
Concen: 1.74 ug/l
RT: 14.226 min Scan# 2092
Delta R.T. 0.118 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Instrument :
MSVOA_D
ClientSampleId :
RO-363

Tgt Ion:117 Resp: 369
Ion Ratio Lower Upper
117 100
201 0.0 39.5 118.5#



#95
Naphthalene
Concen: 1.22 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068548.D
Acq: 05 Mar 2021 17:21

Tgt Ion:128 Resp: 768
Ion Ratio Lower Upper
128 100
127 0.0 10.2 15.2#
129 0.0 8.8 13.2#

