

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022421\
 Data File : VD068436.D
 Acq On : 24 Feb 2021 15:10
 Operator : VA/SY
 Sample : M1469-01RE
 Misc : 7.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 25 00:11:29 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)

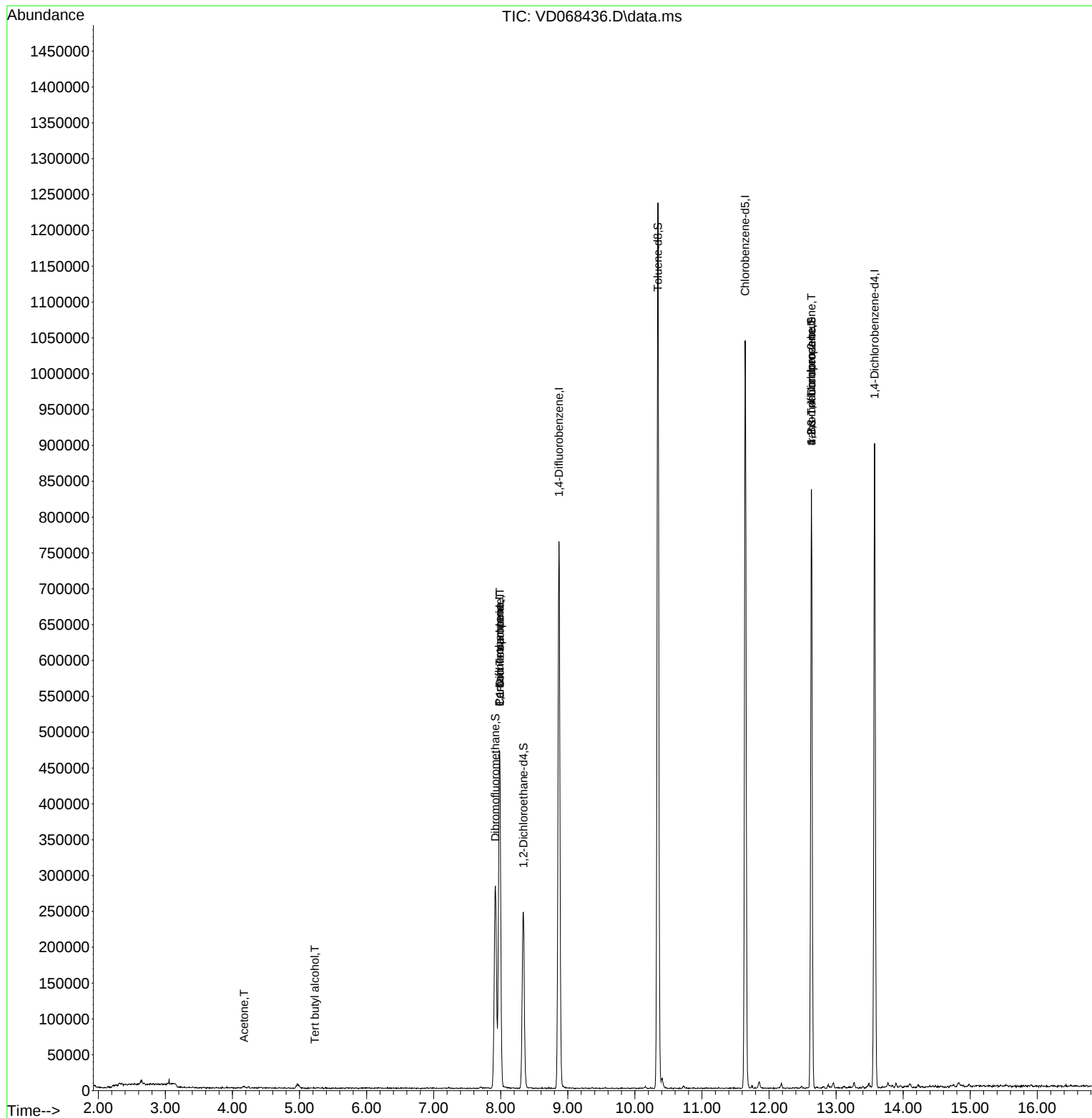
Internal Standards						
1) Pentafluorobenzene	7.979	168	366157	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	694007	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	624214	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	237774	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	200141	53.47	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.94%			
35) Dibromofluoromethane	7.920	113	208383	50.59	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.18%			
50) Toluene-d8	10.344	98	863425	50.57	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.14%			
62) 4-Bromofluorobenzene	12.632	95	254952	45.84	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 91.68%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.226	59	202	1.08	ug/l #	74
16) Acetone	4.173	43	4172	7.22	ug/l #	83
20) Methylene Chloride	4.967	84	2861	Below Cal	#	83
31) Cyclohexane	7.985	56	7584	Below Cal	#	1
36) 1,1-Dichloropropene	7.985	75	28879	4.70	ug/l #	47
38) Carbon Tetrachloride	7.985	117	36953	6.31	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	128056	56.60	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	128056	141.86	ug/l #	14

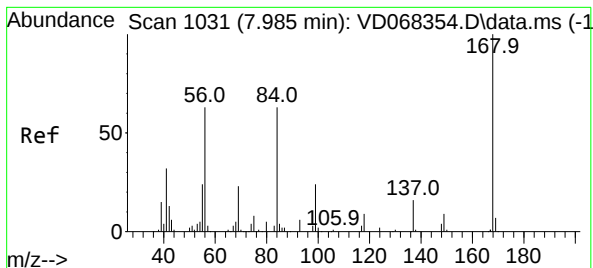
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration

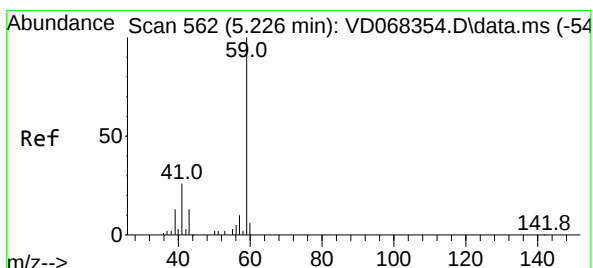
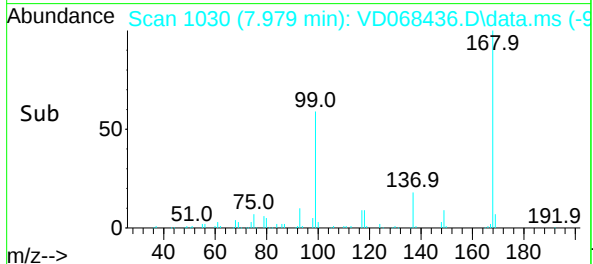
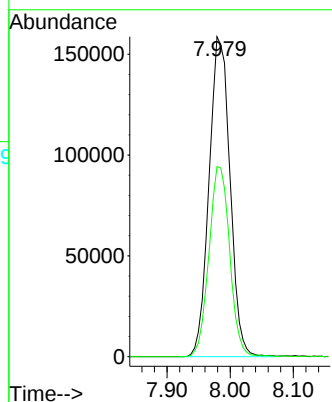
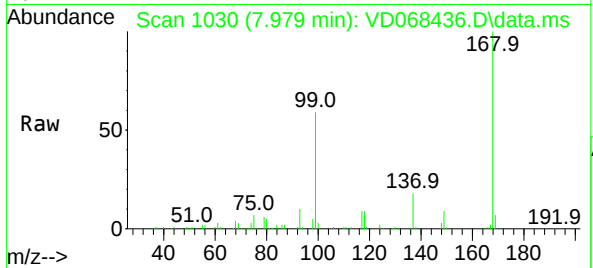




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

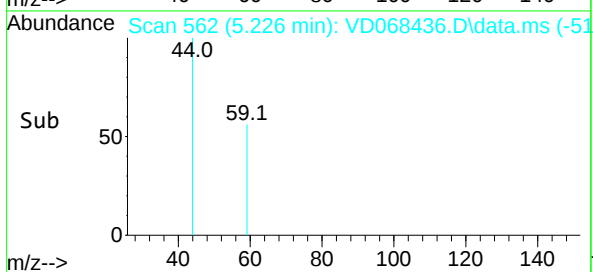
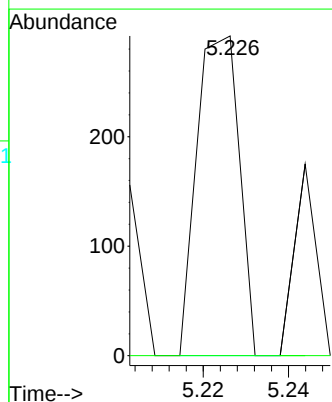
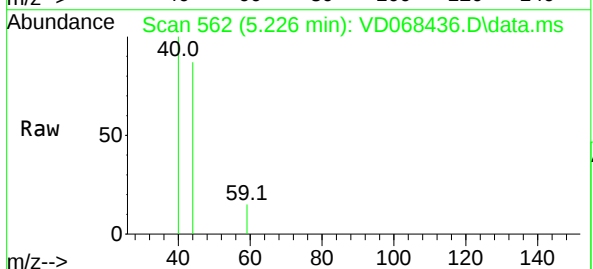
Instrument :
MSVOA_D
ClientSampled :

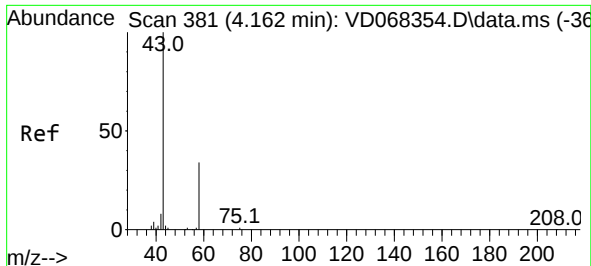
Tgt Ion:168 Resp: 366157
Ion Ratio Lower Upper
168 100
99 59.4 43.5 65.3



#11
Tert butyl alcohol
Concen: 1.08 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.000 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

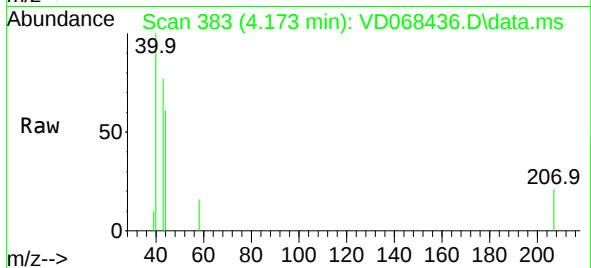
Tgt Ion: 59 Resp: 202
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



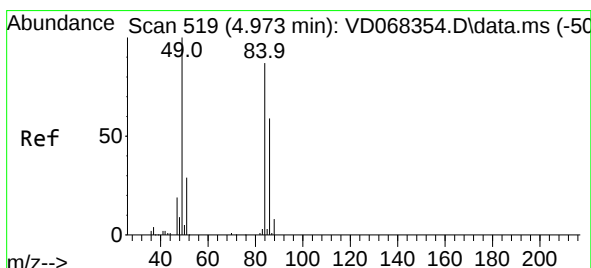
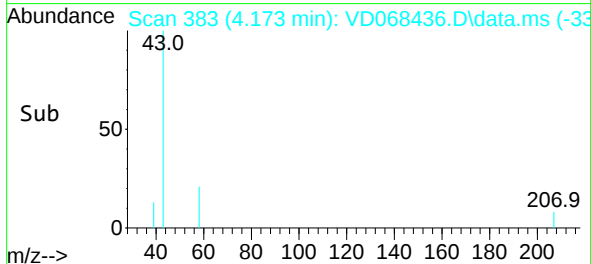
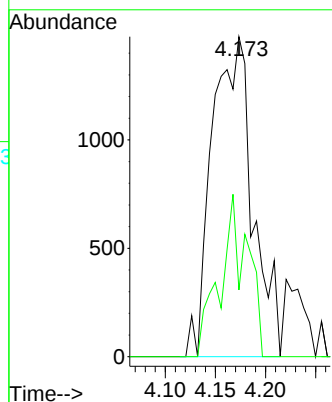


#16
Acetone
Concen: 7.22 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_D
ClientSampled :

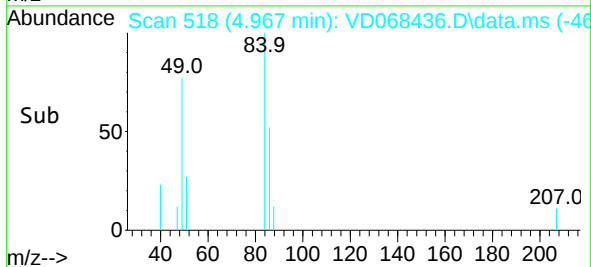
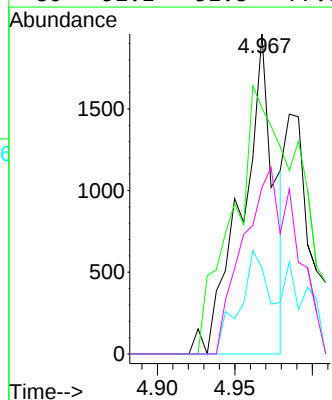
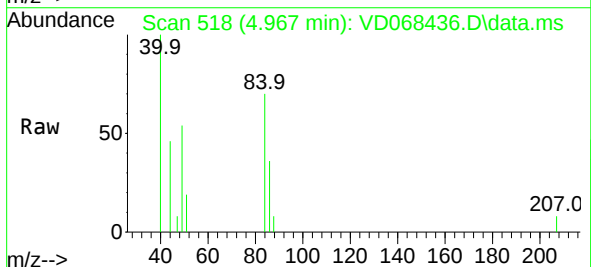


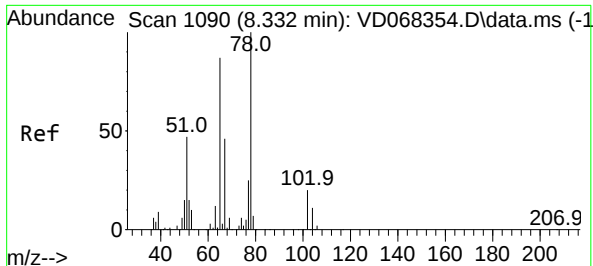
Tgt Ion: 43 Resp: 4172
Ion Ratio Lower Upper
43 100
58 20.9 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 84 Resp: 2861
Ion Ratio Lower Upper
84 100
49 76.9 77.4 116.2#
51 26.9 26.1 39.1
86 52.1 51.8 77.8

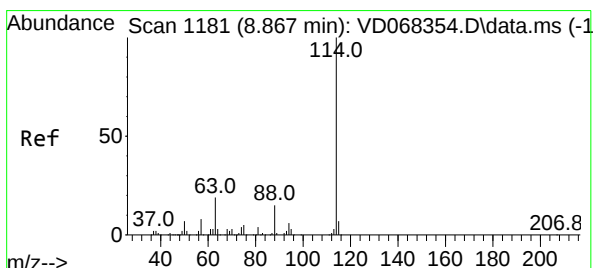
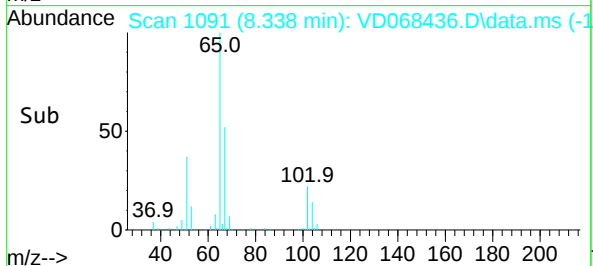
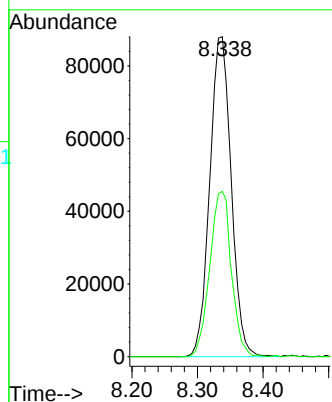
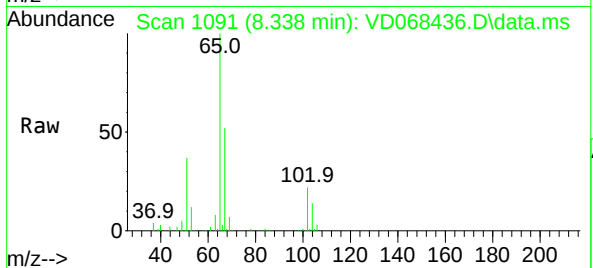




#33
1,2-Dichloroethane-d4
Concen: 53.47 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

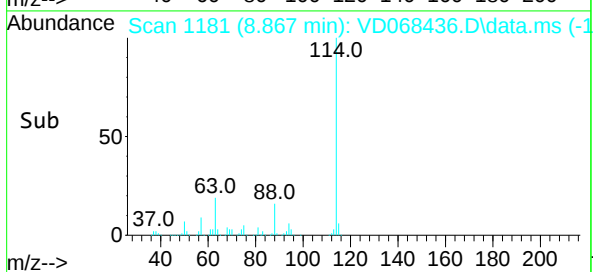
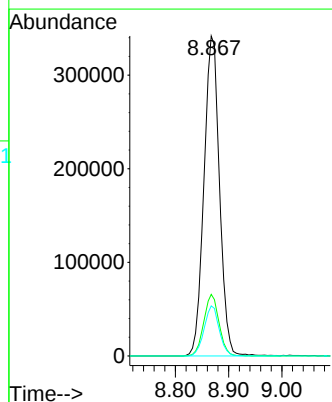
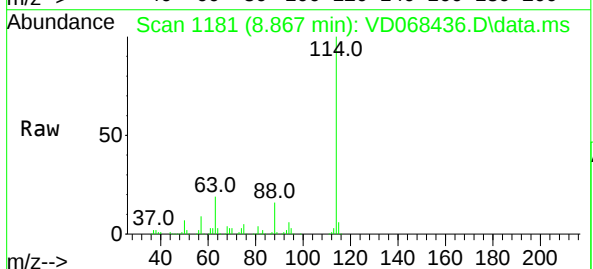
Instrument :
MSVOA_D
ClientSampled :

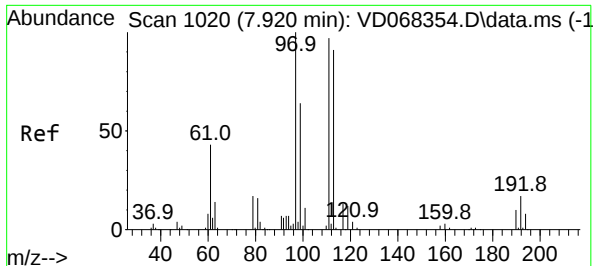
Tgt Ion: 65 Resp: 200141
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 114 Resp: 694007
Ion Ratio Lower Upper
114 100
63 19.2 0.0 34.8
88 15.7 0.0 31.6





#35

Dibromofluoromethane

Concen: 50.59 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. -0.000 min

Lab File: VD068436.D

Acq: 24 Feb 2021 15:10

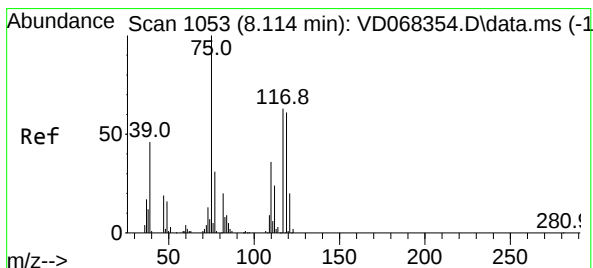
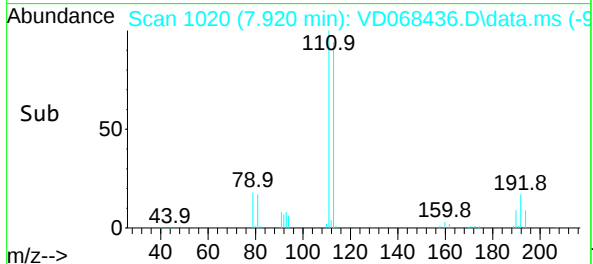
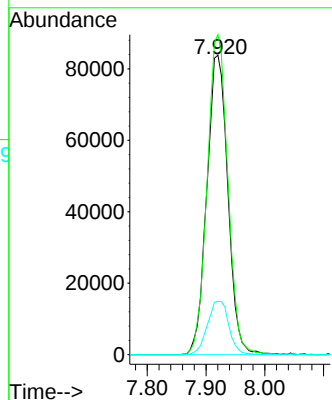
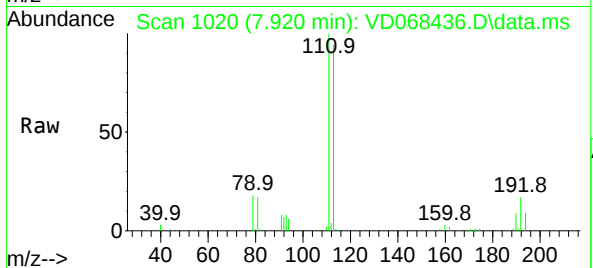
Tgt Ion:113 Resp: 208383

Ion Ratio Lower Upper

113 100

111 105.3 81.4 122.0

192 18.2 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.70 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068436.D

Acq: 24 Feb 2021 15:10

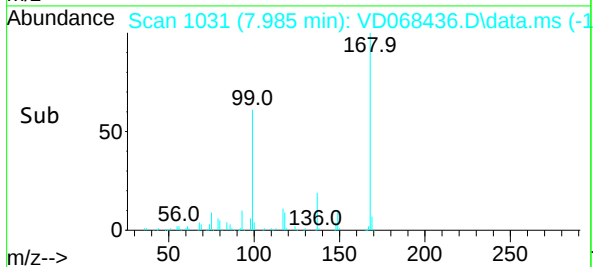
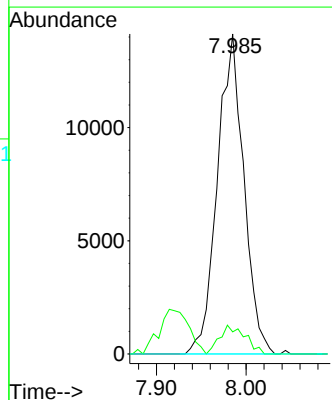
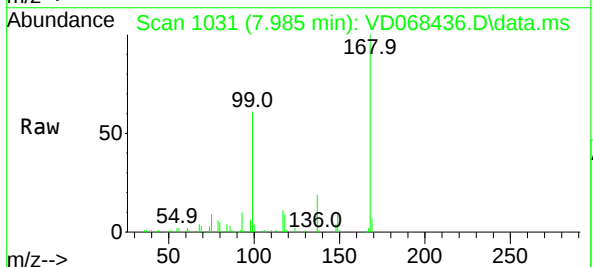
Tgt Ion: 75 Resp: 28879

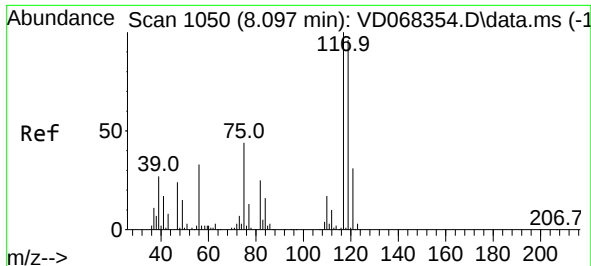
Ion Ratio Lower Upper

75 100

110 8.7 19.4 58.2#

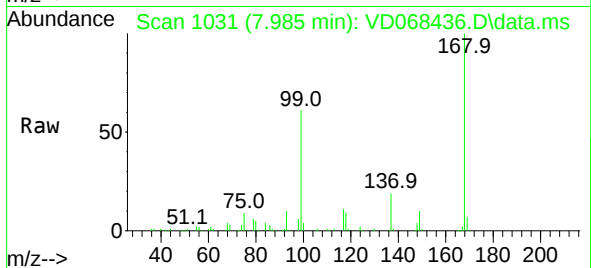
77 0.0 25.3 37.9#



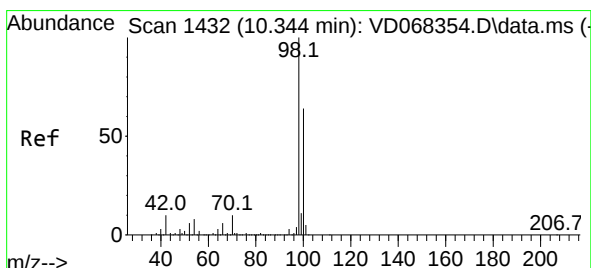
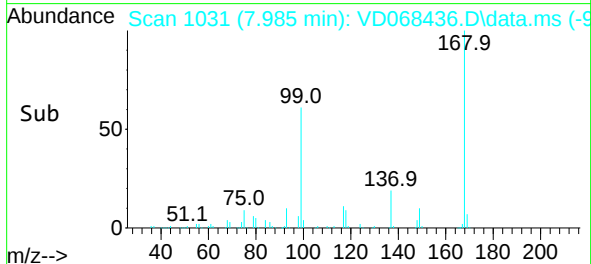
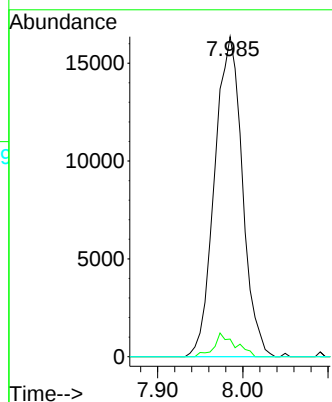


#38
Carbon Tetrachloride
Concen: 6.31 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Instrument :
MSVOA_D
ClientSampled :

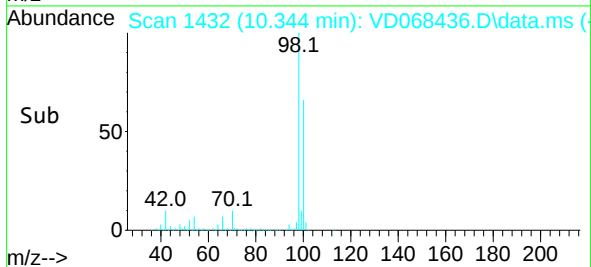
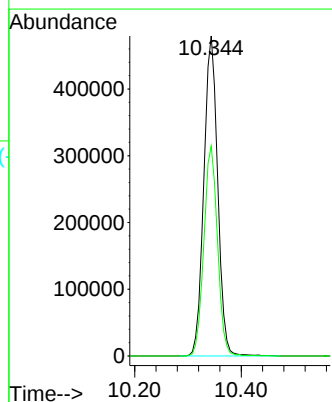
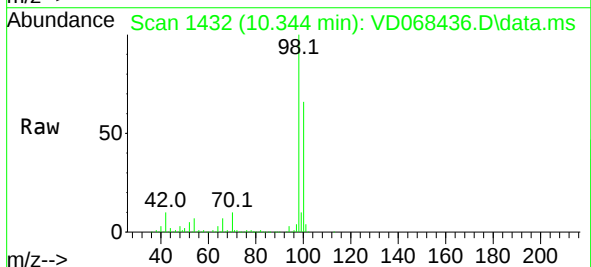


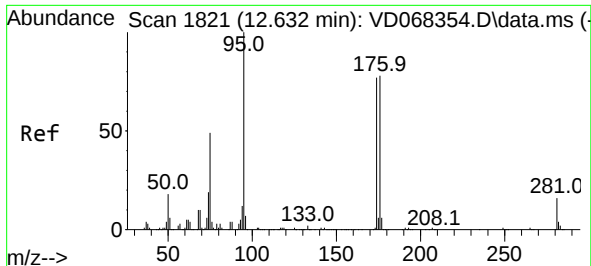
Tgt Ion:117 Resp: 36953
Ion Ratio Lower Upper
117 100
119 5.5 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 50.57 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. -0.000 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 98 Resp: 863425
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4

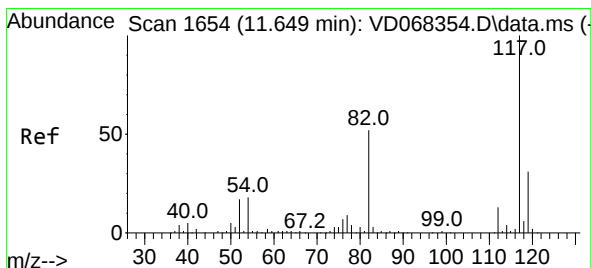
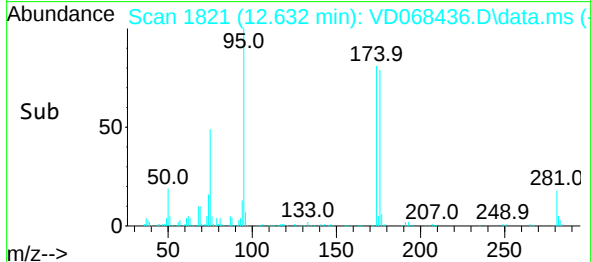
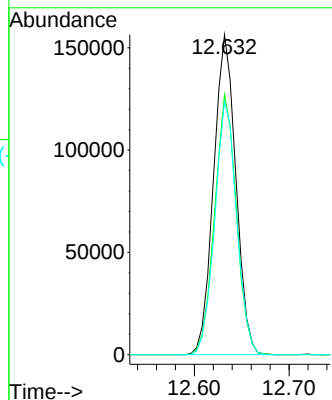
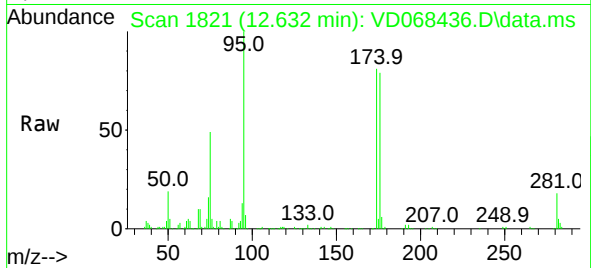




#62
4-Bromofluorobenzene
Concen: 45.84 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

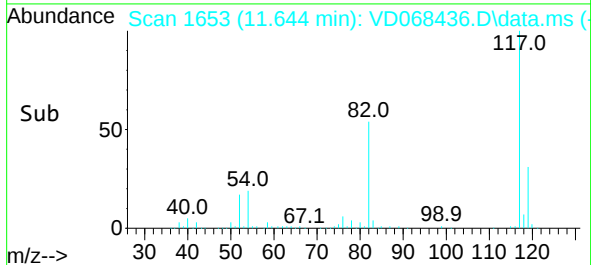
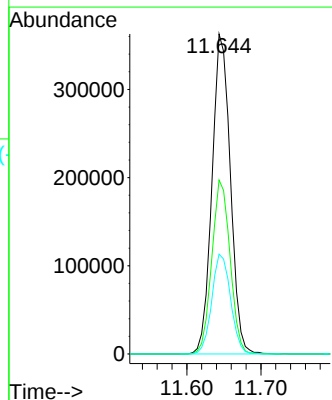
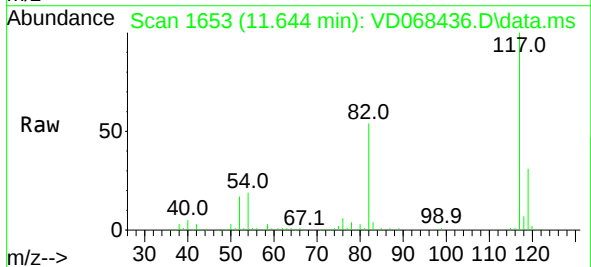
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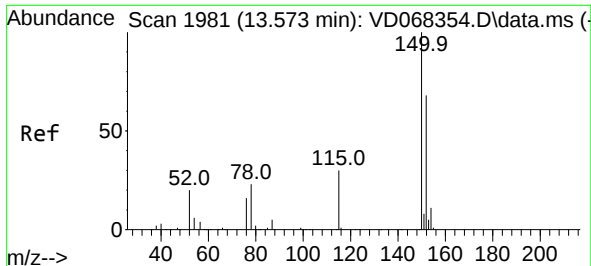
Tgt Ion: 95 Resp: 254952
Ion Ratio Lower Upper
95 100
174 79.9 0.0 172.4
176 77.6 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

Tgt Ion: 117 Resp: 624214
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 31.2 26.1 39.1

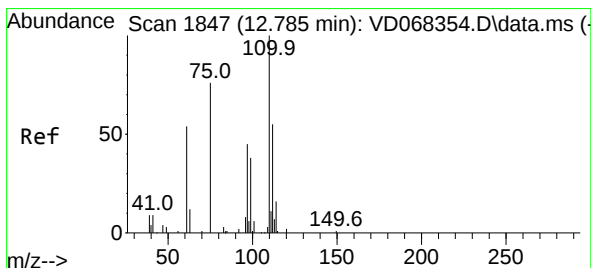
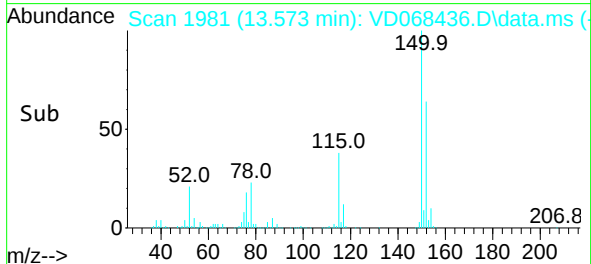
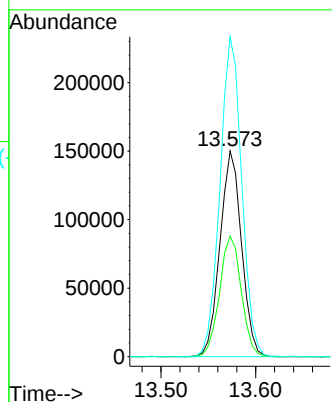
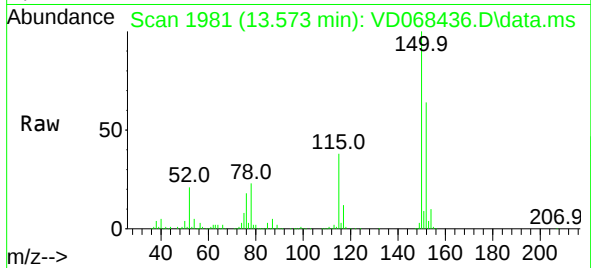




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

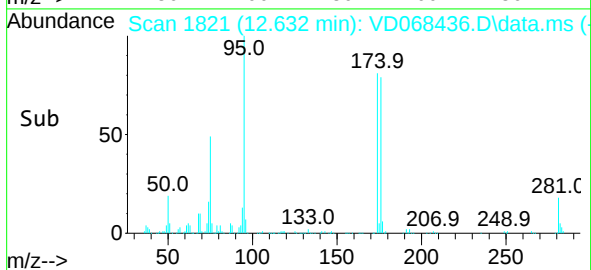
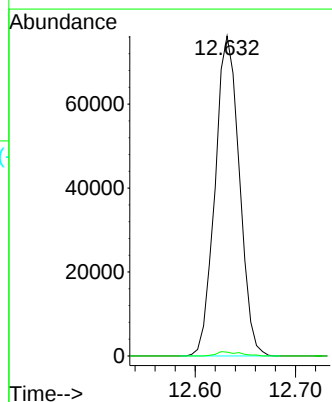
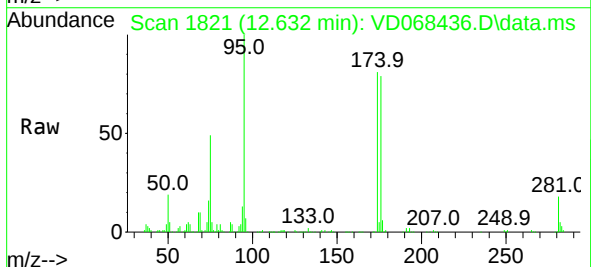
Instrument :
MSVOA_D
ClientSampled :

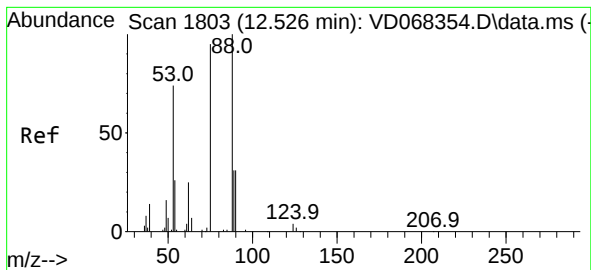
Tgt Ion:152 Resp: 237774
Ion Ratio Lower Upper
152 100
115 59.0 28.9 86.8
150 156.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 56.60 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068436.D
Acq: 24 Feb 2021 15:10

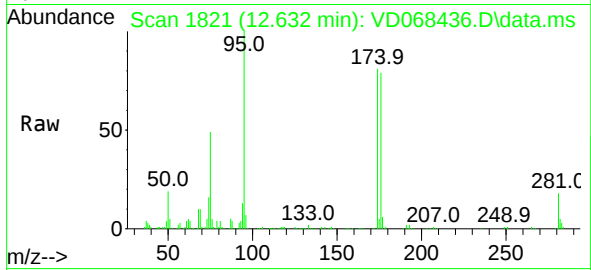
Tgt Ion: 75 Resp: 128056
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 141.86 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068436.D
 Acq: 24 Feb 2021 15:10

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 128056
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.3 40.3 60.5#

