

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122820\
 Data File : VD067956.D
 Acq On : 28 Dec 2020 12:40
 Operator : VA/SY
 Sample : L5221-01
 Misc : 5.33G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Dec 29 00:11:13 2020
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122220S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 23 07:34:16 2020
 Response via : Initial Calibration

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

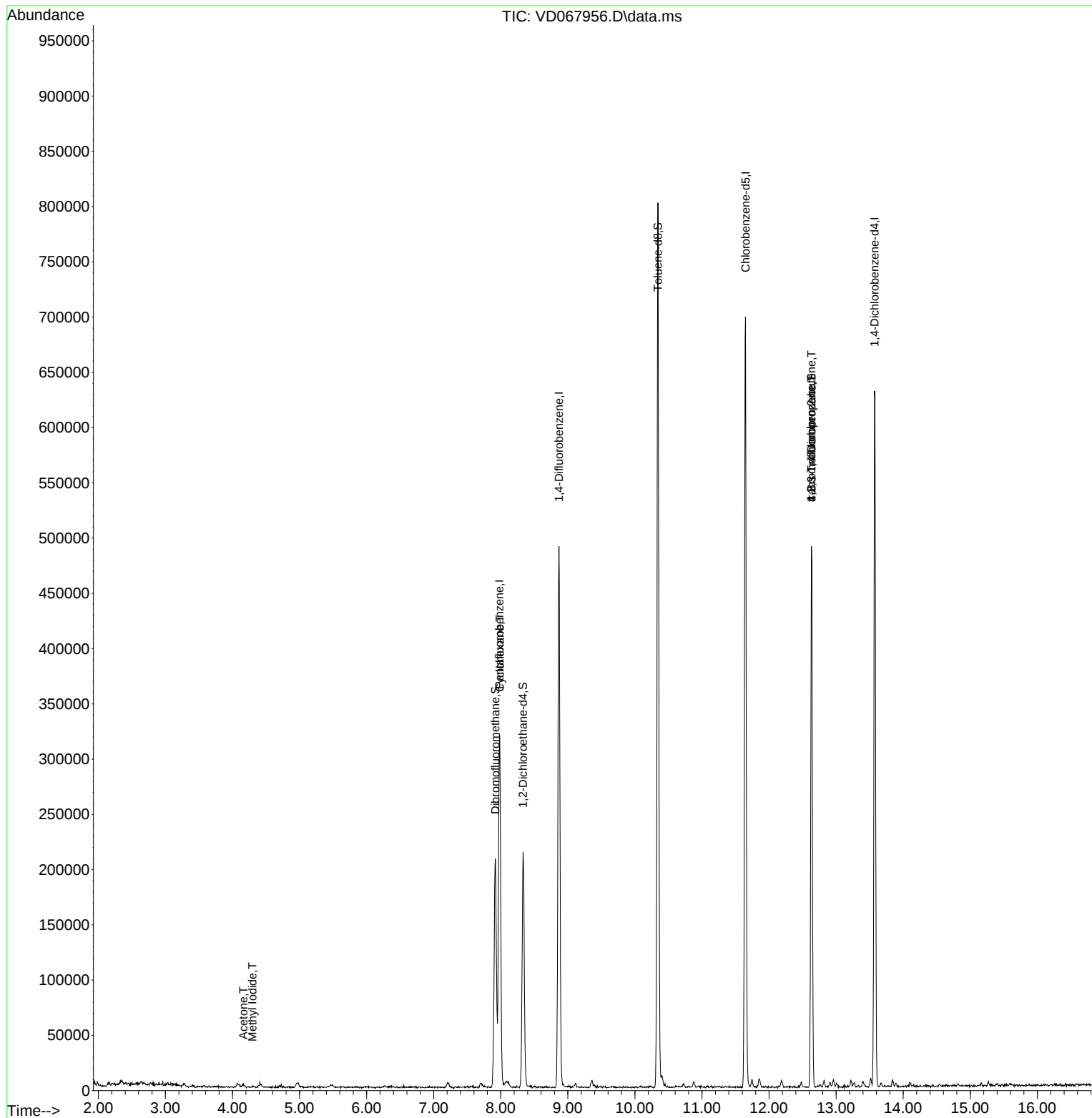
Internal Standards						
1) Pentafluorobenzene	7.979	168	225282	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	429352	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	388850	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	164387	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	167561	68.88	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 137.76%			
35) Dibromofluoromethane	7.920	113	150202	55.52	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.04%			
50) Toluene-d8	10.344	98	530731	52.19	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 104.38%			
62) 4-Bromofluorobenzene	12.632	95	164442	47.28	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.56%			
Target Compounds						
5) Bromomethane	2.773	94	1376	Below Cal		91
10) Methyl Iodide	4.297	142	1350	4.33 ug/l #		46
16) Acetone	4.162	43	4033	8.68 ug/l		91
20) Methylene Chloride	4.961	84	1787	Below Cal #		84
31) Cyclohexane	7.985	56	7888	1.59 ug/l #		38
76) 1,2,3-Trichloropropane	12.632	75	81952	59.21 ug/l #		100
81) trans-1,4-Dichloro-2-b...	12.632	75	81952	121.37 ug/l #		12

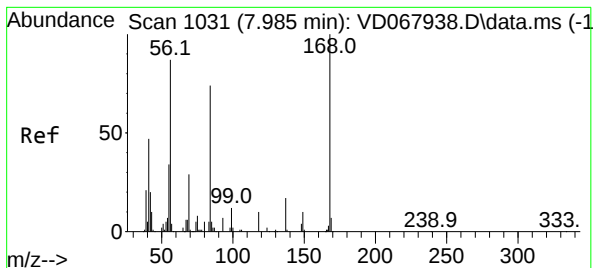
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 23 07:34:16 2020
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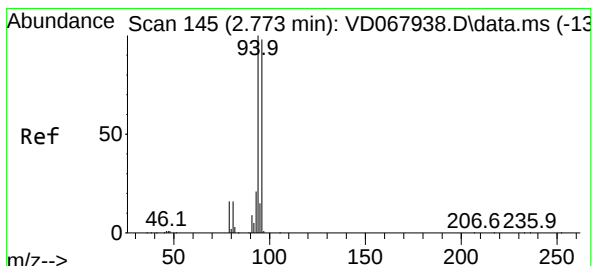
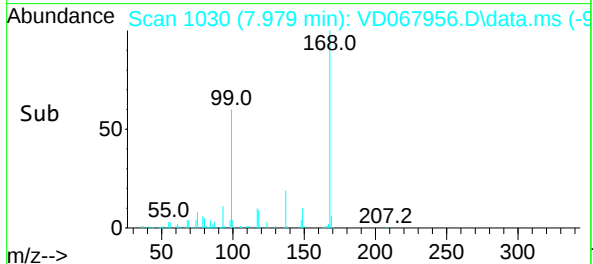
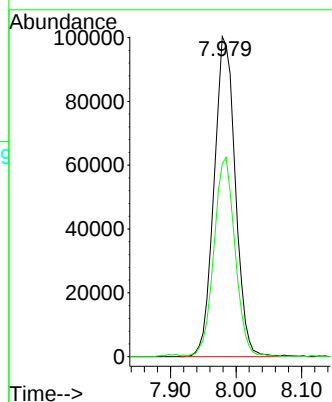
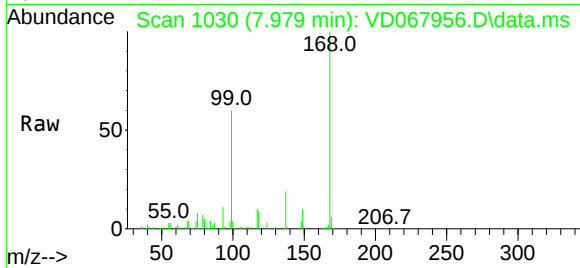




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

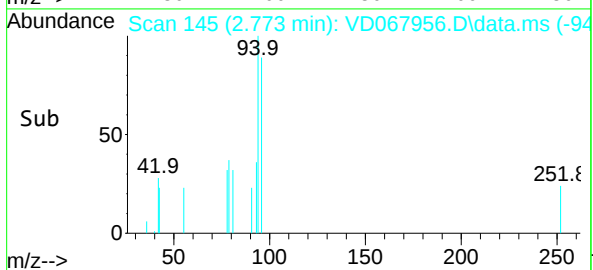
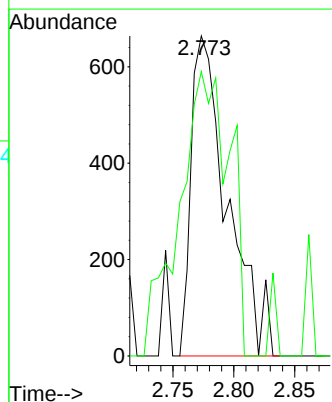
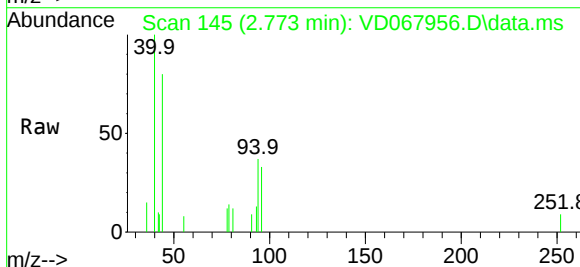
Instrument :
MSVOA_D
ClientSampleId :

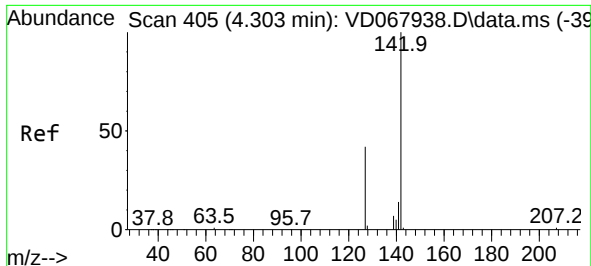
Tgt Ion:168 Resp: 225282
Ion Ratio Lower Upper
168 100
99 60.3 48.0 72.0



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

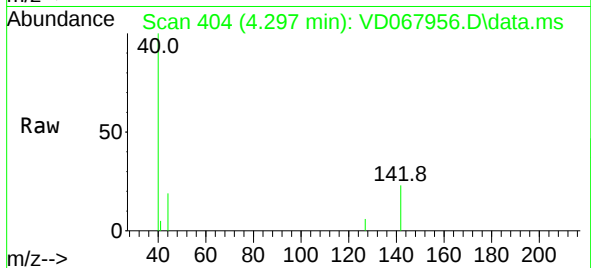
Tgt Ion: 94 Resp: 1376
Ion Ratio Lower Upper
94 100
96 88.9 78.0 117.0



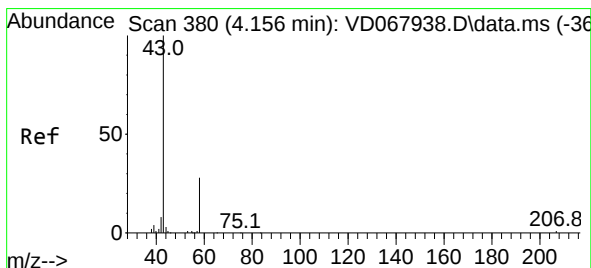
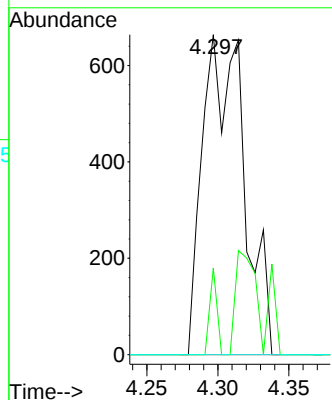
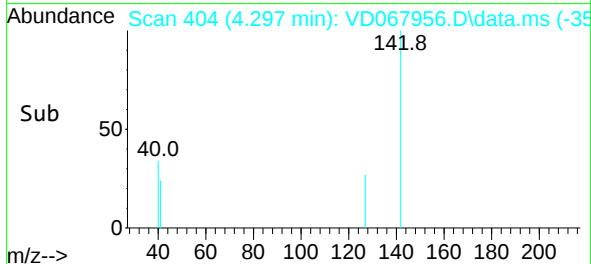


#10
Methyl Iodide
Concen: 4.33 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

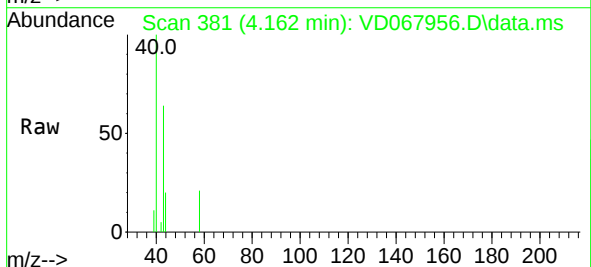
Instrument :
MSVOA_D
ClientSampleId :



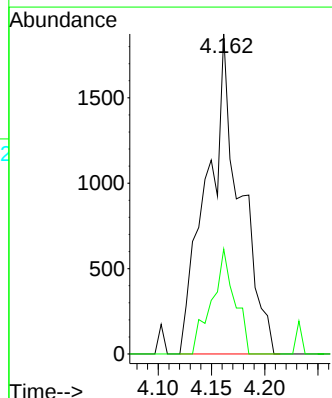
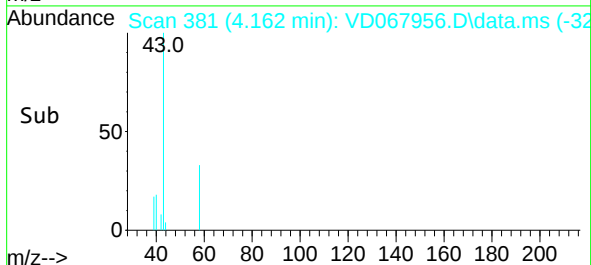
Tgt Ion:142 Resp: 1350
Ion Ratio Lower Upper
142 100
127 4.7 34.4 51.6#
141 0.0 11.8 17.8#

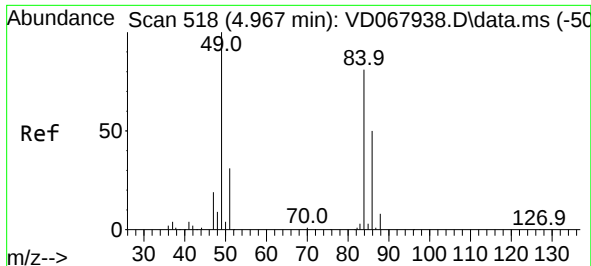


#16
Acetone
Concen: 8.68 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40



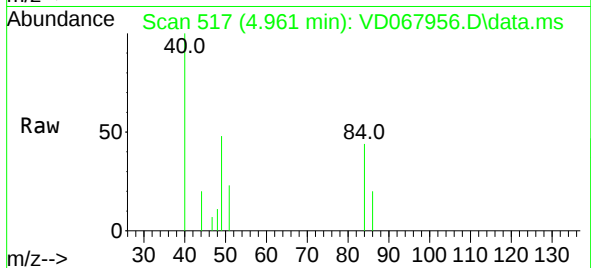
Tgt Ion: 43 Resp: 4033
Ion Ratio Lower Upper
43 100
58 32.8 22.3 33.5



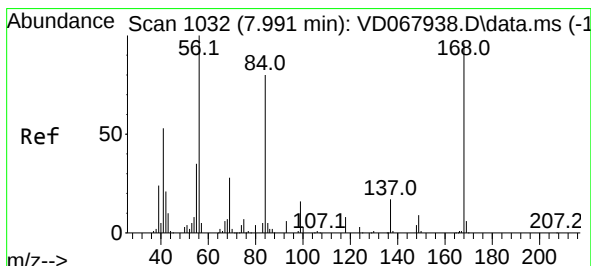
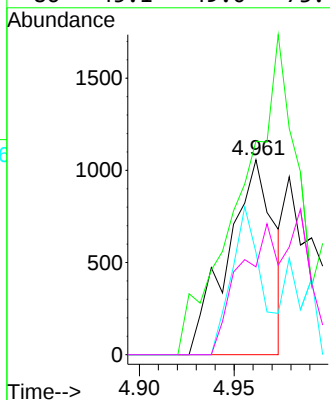
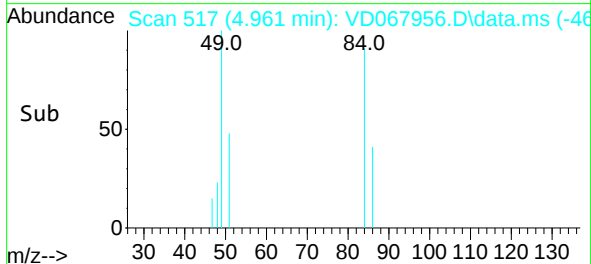


#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

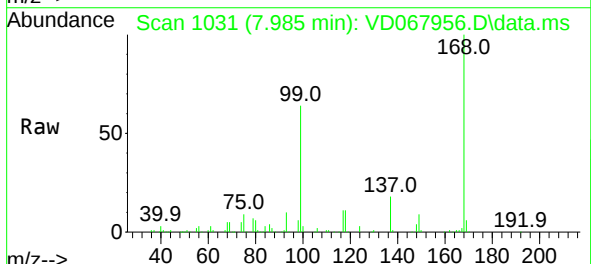
Instrument :
MSVOA_D
ClientSampled :



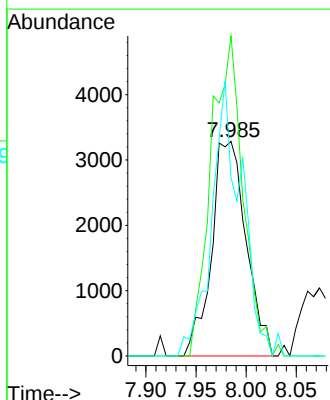
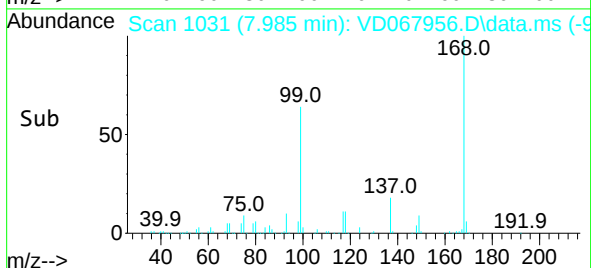
Tgt Ion: 84 Resp: 1787
Ion Ratio Lower Upper
84 100
49 109.6 98.3 147.5
51 52.5 30.3 45.5#
86 45.1 49.0 73.4#

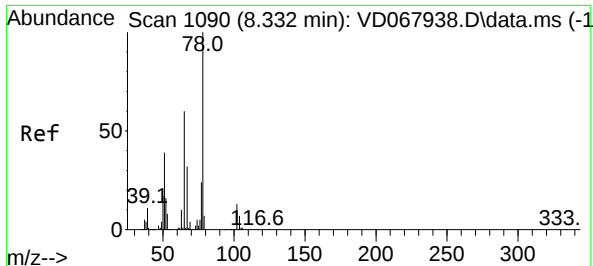


#31
Cyclohexane
Concen: 1.59 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40



Tgt Ion: 56 Resp: 7888
Ion Ratio Lower Upper
56 100
69 149.2 22.7 34.1#
84 83.1 64.2 96.4

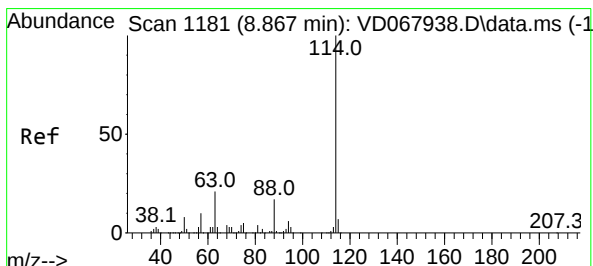
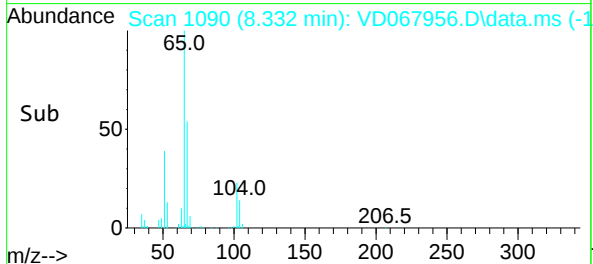
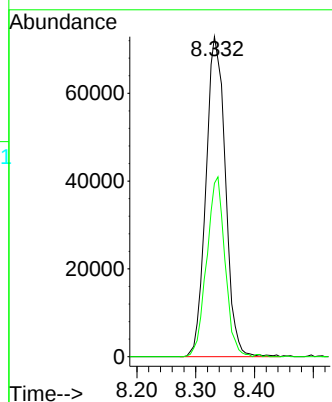
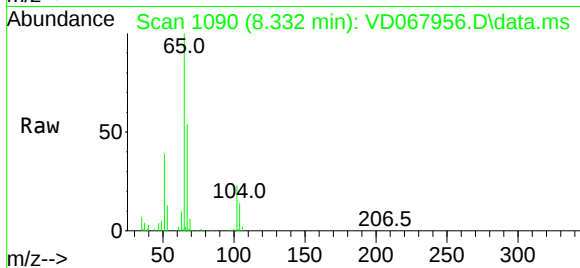




#33
1,2-Dichloroethane-d4
Concen: 68.88 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

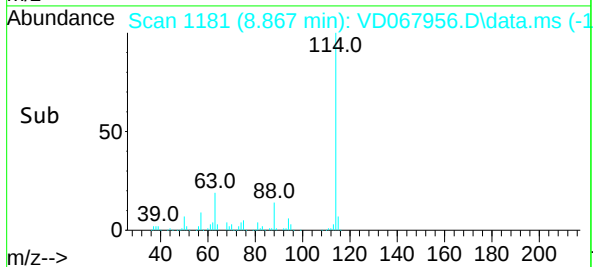
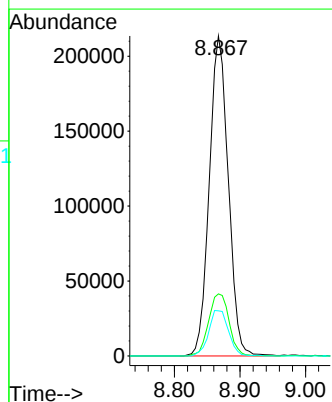
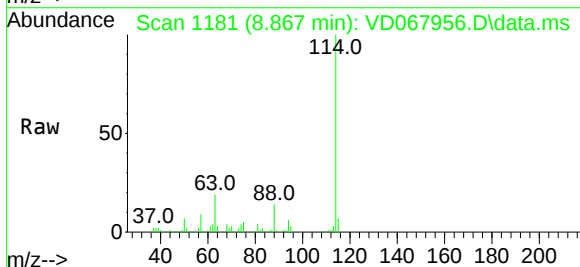
Instrument :
MSVOA_D
ClientSampled :

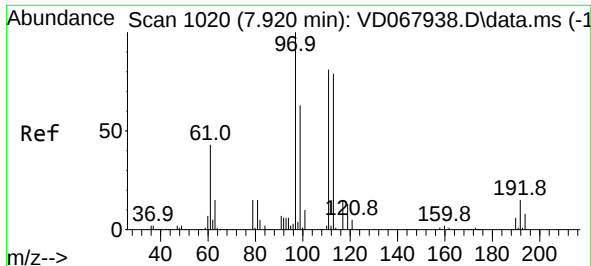
Tgt Ion: 65 Resp: 167561
Ion Ratio Lower Upper
65 100
67 52.9 0.0 110.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

Tgt Ion: 114 Resp: 429352
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.4
88 14.1 0.0 33.2





#35

Dibromofluoromethane

Concen: 55.52 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD067956.D

Acq: 28 Dec 2020 12:40

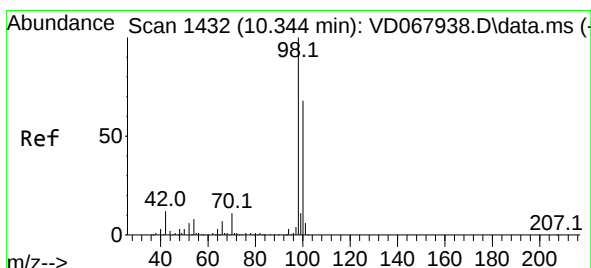
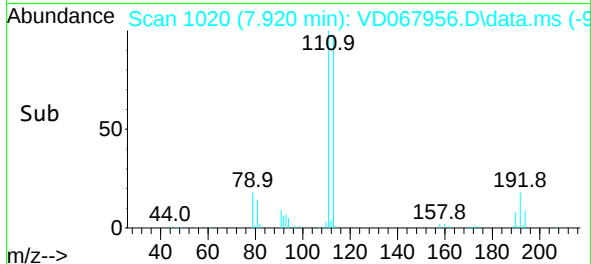
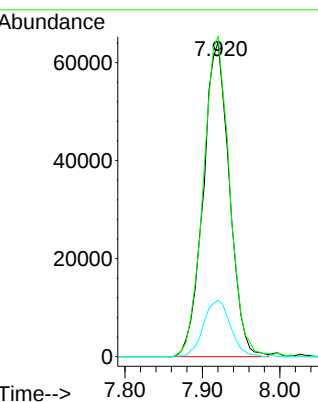
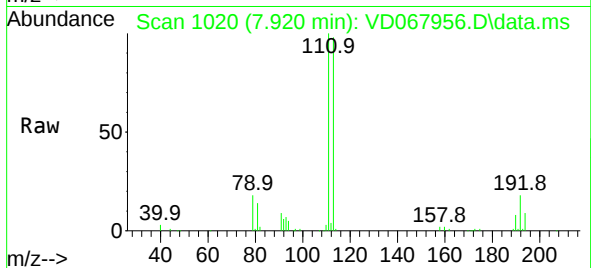
Tgt Ion:113 Resp: 150202

Ion Ratio Lower Upper

113 100

111 102.9 79.3 118.9

192 18.6 14.5 21.7



#50

Toluene-d8

Concen: 52.19 ug/l

RT: 10.344 min Scan# 1432

Delta R.T. 0.000 min

Lab File: VD067956.D

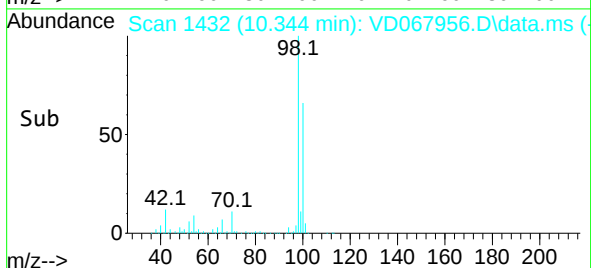
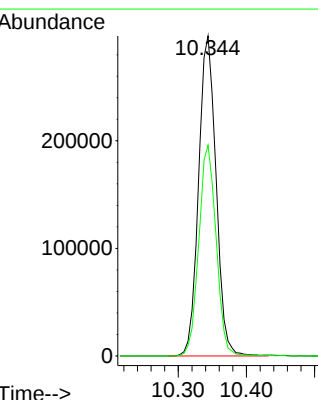
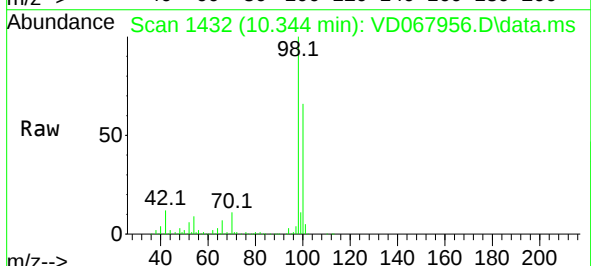
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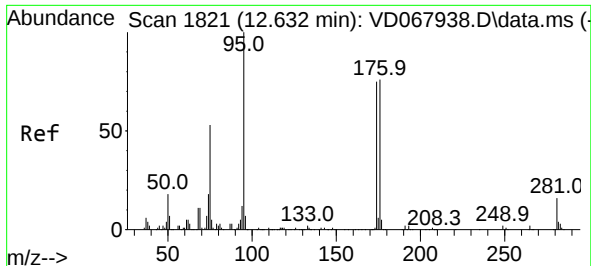
Tgt Ion: 98 Resp: 530731

Ion Ratio Lower Upper

98 100

100 65.3 52.5 78.7

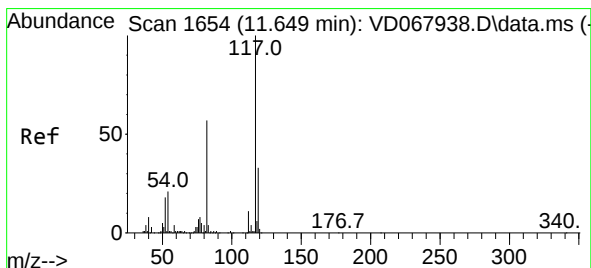
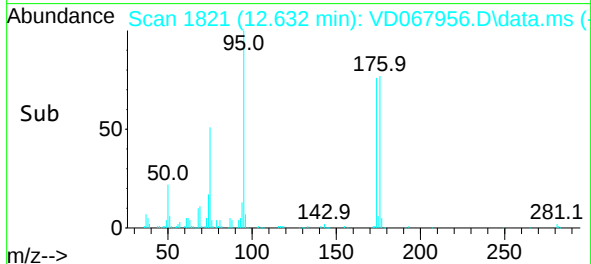
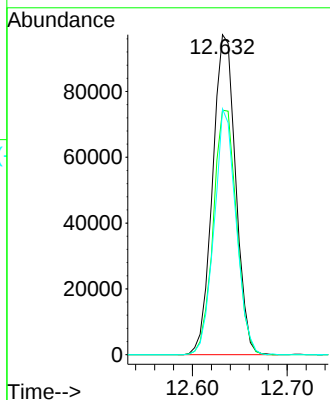
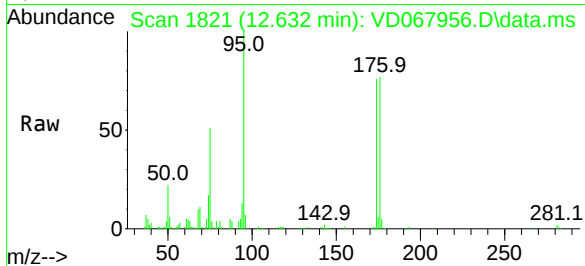




#62
4-Bromofluorobenzene
Concen: 47.28 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

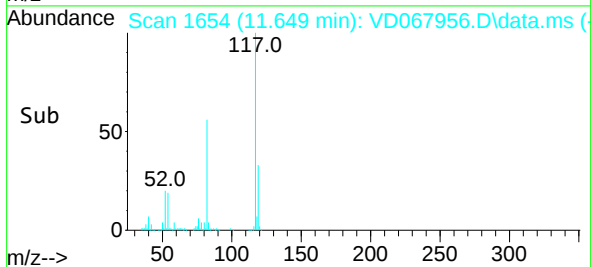
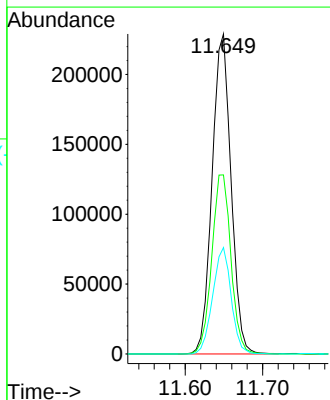
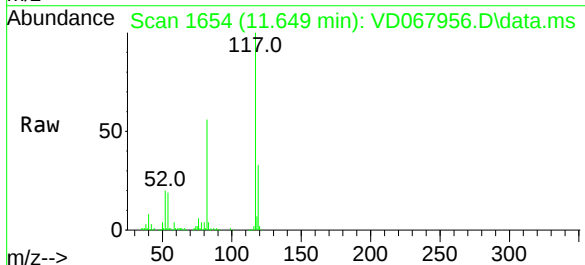
Instrument :
MSVOA_D
ClientSampleId :

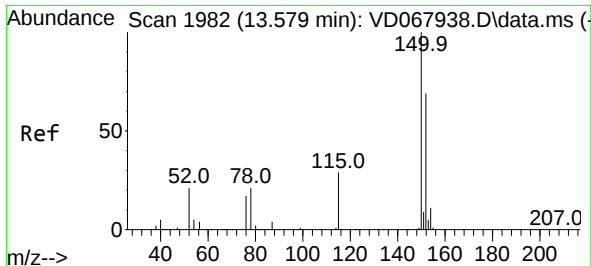
Tgt Ion: 95 Resp: 164442
Ion Ratio Lower Upper
95 100
174 76.9 0.0 150.6
176 73.0 0.0 151.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

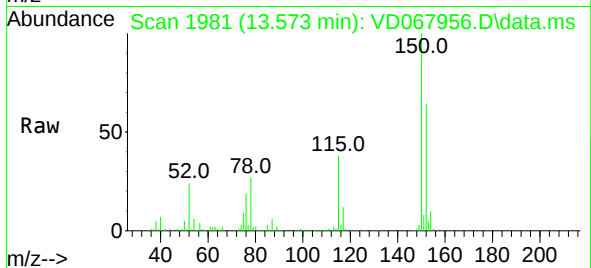
Tgt Ion: 117 Resp: 388850
Ion Ratio Lower Upper
117 100
82 56.0 45.4 68.0
119 33.3 26.7 40.1



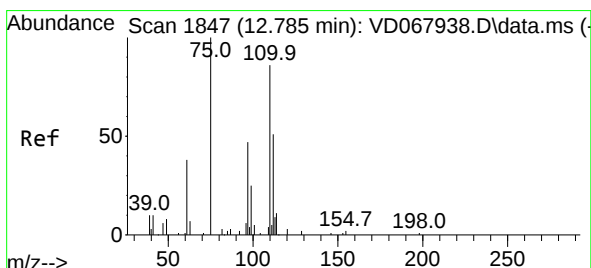
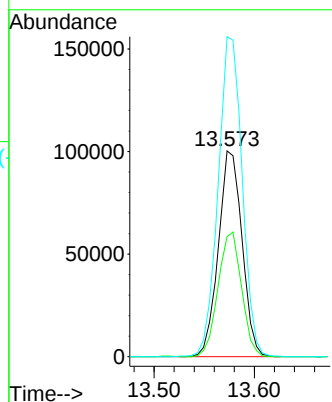
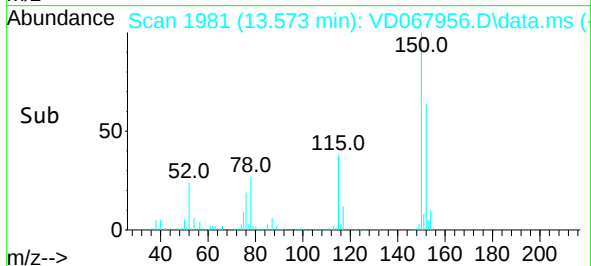


#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.006 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40

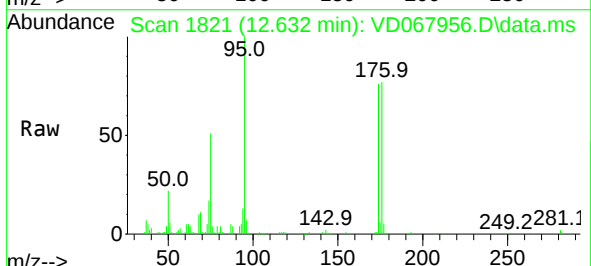
Instrument :
MSVOA_D
ClientSampleId :



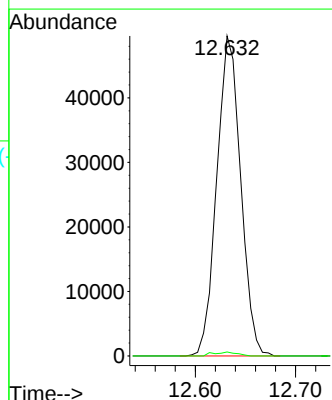
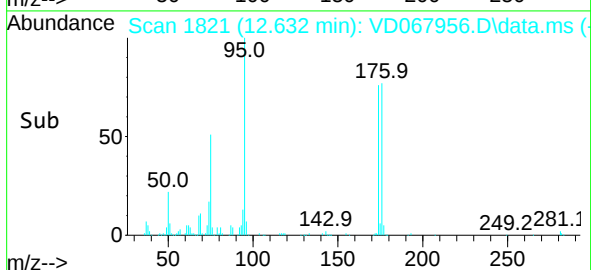
Tgt Ion:152 Resp: 164387
Ion Ratio Lower Upper
152 100
115 60.0 29.3 88.0
150 158.2 0.0 340.0

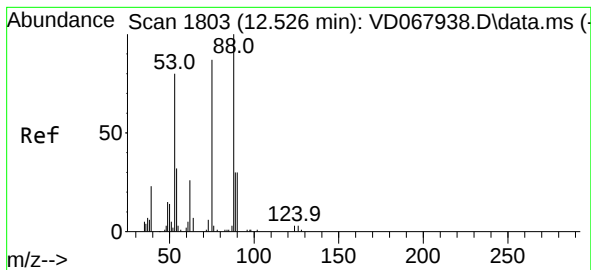


#76
1,2,3-Trichloropropane
Concen: 59.21 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD067956.D
Acq: 28 Dec 2020 12:40



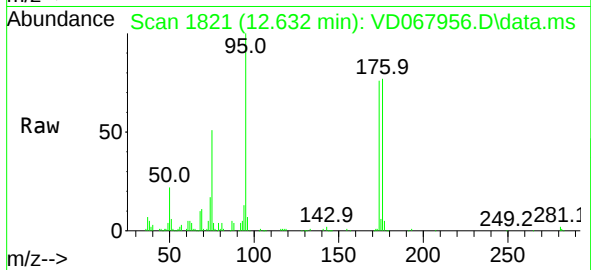
Tgt Ion: 75 Resp: 81952
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 121.37 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD067956.D
 Acq: 28 Dec 2020 12:40

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
75	100		
53	0.1	74.9	112.3#
89	0.2	33.8	50.8#

