

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD033121\
 Data File : VD068736.D
 Acq On : 31 Mar 2021 14:17
 Operator : VA/SY
 Sample : M1874-03
 Misc : 6.50G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 01 00:44:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 20 02:00:55 2021
 Response via : Initial Calibration

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

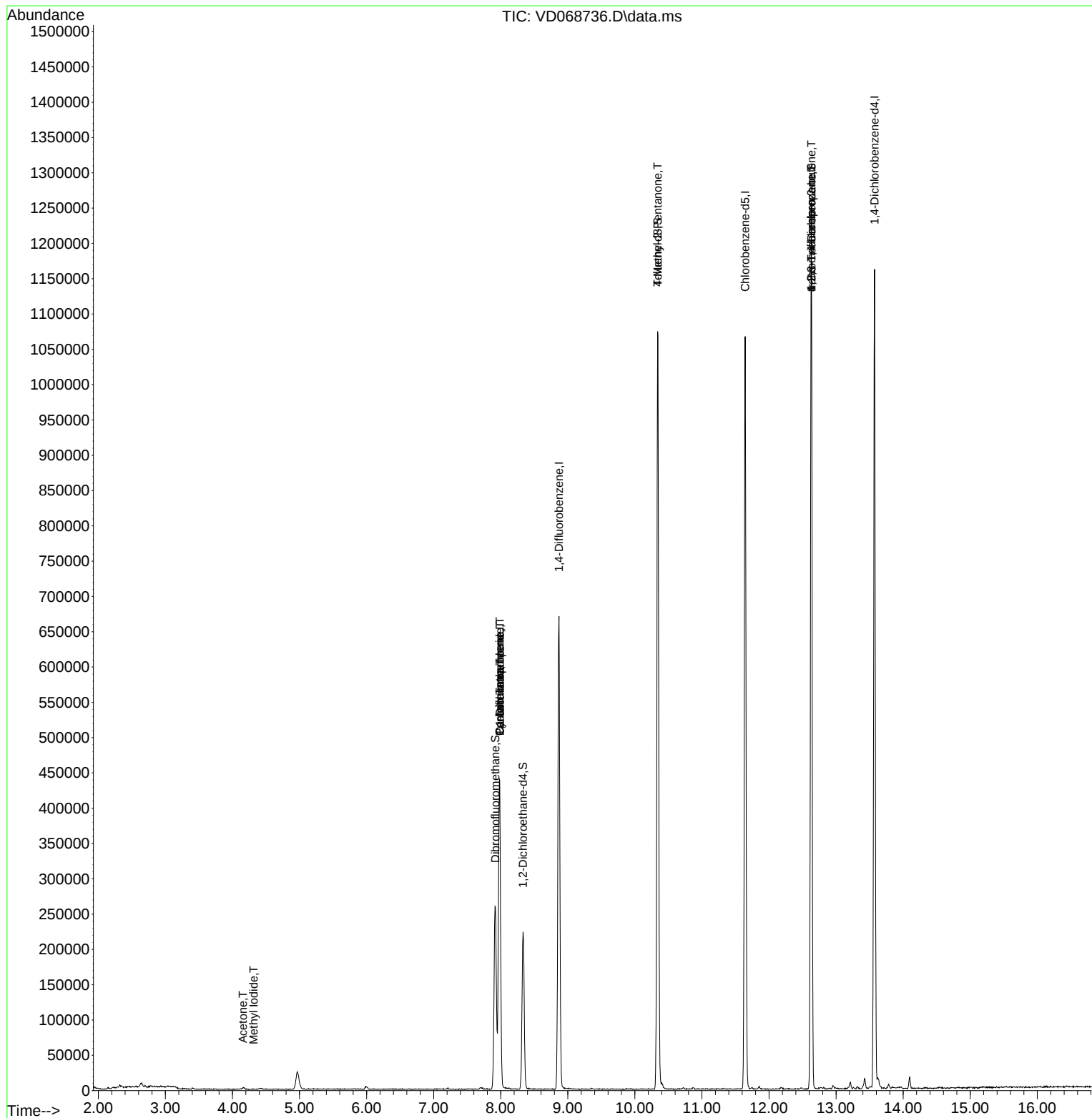
Internal Standards						
1) Pentafluorobenzene	7.985	168	334119	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	604091	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	632824	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	307578	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	181697	53.93	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 107.86%		
35) Dibromofluoromethane	7.920	113	195642	52.05	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 104.10%		
50) Toluene-d8	10.338	98	775594	53.52	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 107.04%		
62) 4-Bromofluorobenzene	12.632	95	289481	61.61	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 123.22%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.315	142	267	3.54	ug/l #	41
16) Acetone	4.156	43	4016	9.83	ug/l	93
20) Methylene Chloride	4.968	84	20863	Below Cal	#	84
31) Cyclohexane	7.985	56	7929	1.46	ug/l #	38
36) 1,1-Dichloropropene	7.985	75	26868	4.98	ug/l #	49
38) Carbon Tetrachloride	7.985	117	33367	6.20	ug/l #	16
51) 4-Methyl-2-Pentanone	10.338	43	3150	1.85	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	149099	58.24	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	149099	132.51	ug/l #	16

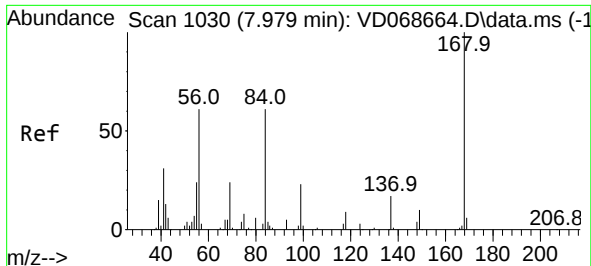
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031921S.M
Quant Title : SW846 8260
QLast Update : Sat Mar 20 02:00:55 2021
Response via : Initial Calibration

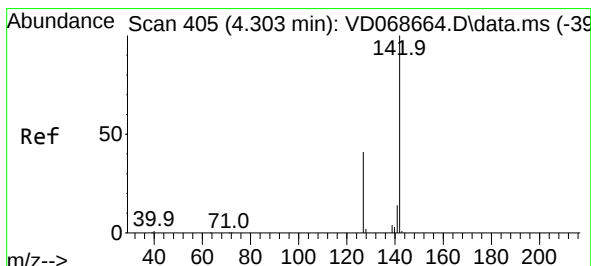
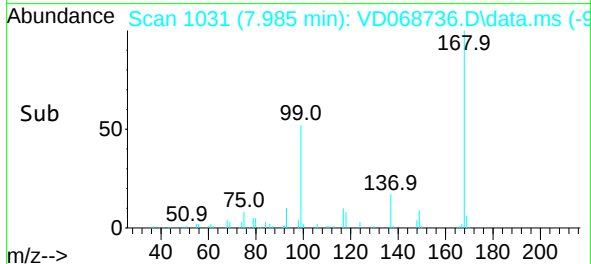
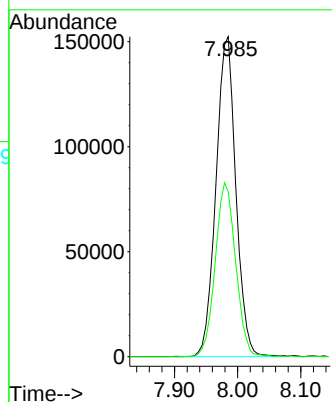
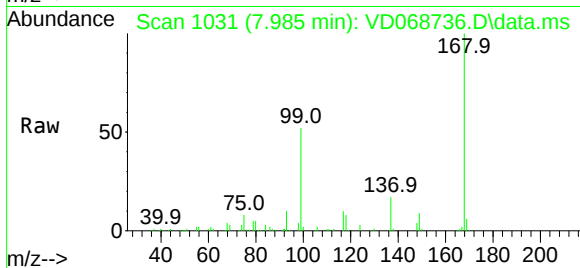




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.006 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

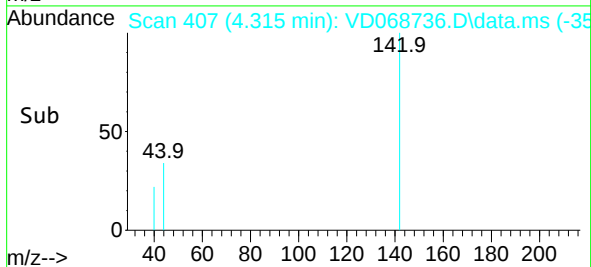
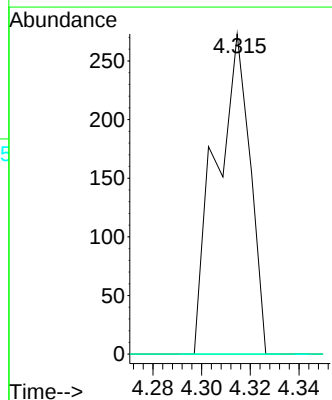
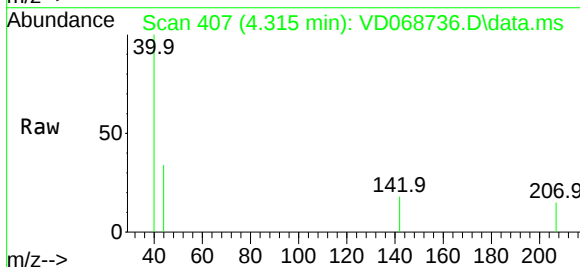
Instrument :
MSVOA_D
ClientSampled :

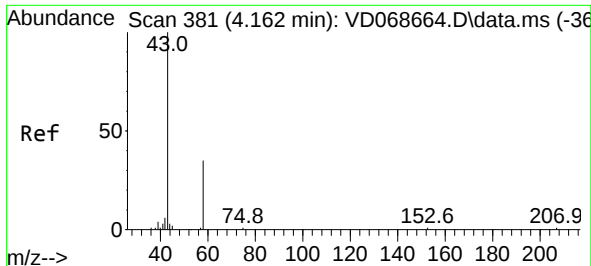
Tgt Ion:168 Resp: 334119
Ion Ratio Lower Upper
168 100
99 51.4 46.2 69.2



#10
Methyl Iodide
Concen: 3.54 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.012 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

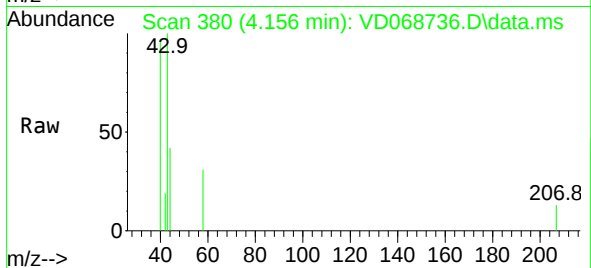
Tgt Ion:142 Resp: 267
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#



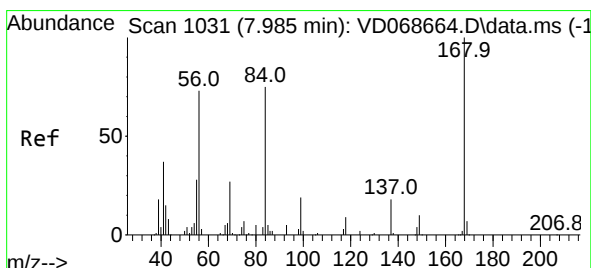
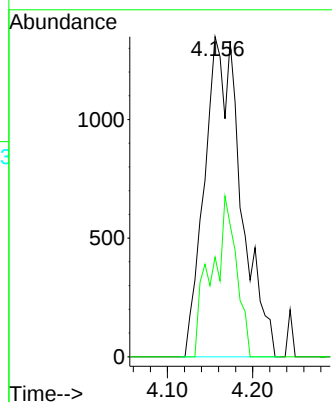
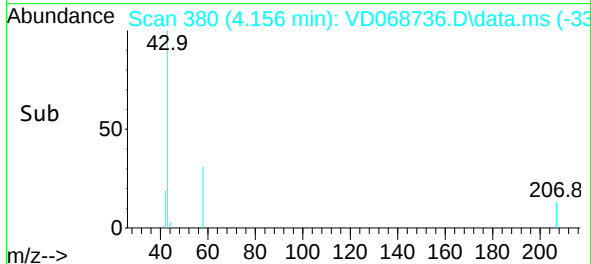


#16
Acetone
Concen: 9.83 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

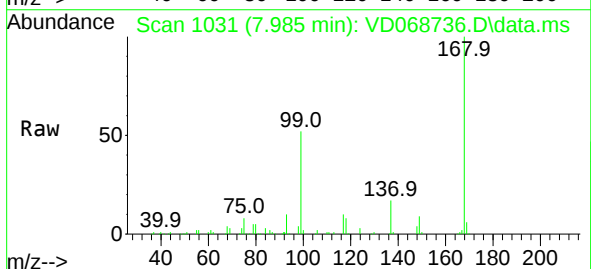
Instrument :
MSVOA_D
ClientSampled :



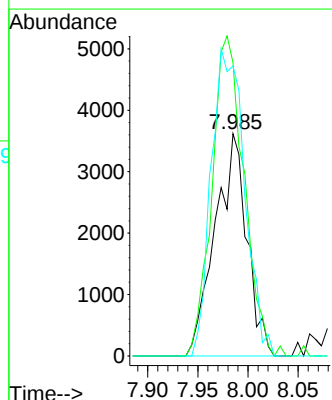
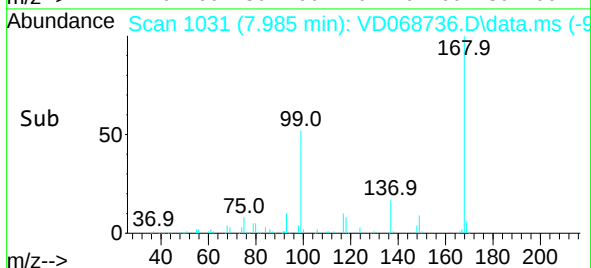
Tgt Ion: 43 Resp: 4016
Ion Ratio Lower Upper
43 100
58 31.1 28.0 42.0

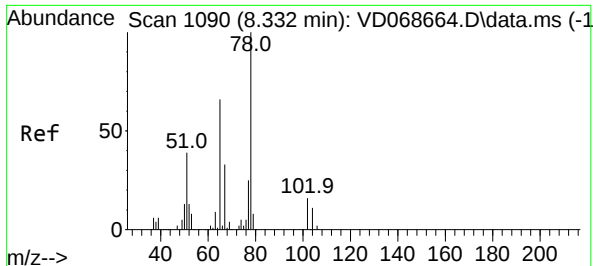


#31
Cyclohexane
Concen: 1.46 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17



Tgt Ion: 56 Resp: 7929
Ion Ratio Lower Upper
56 100
69 131.9 30.0 45.0#
84 130.5 82.0 123.0#

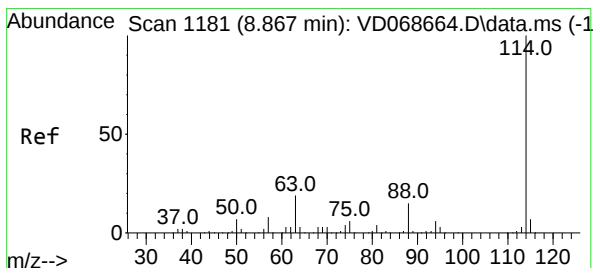
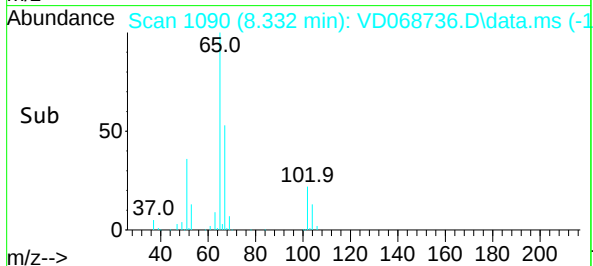
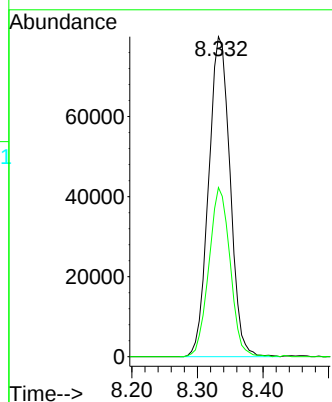
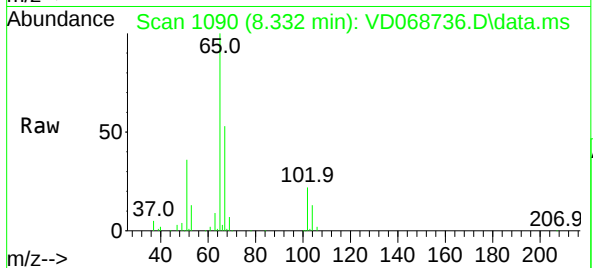




#33
1,2-Dichloroethane-d4
Concen: 53.93 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

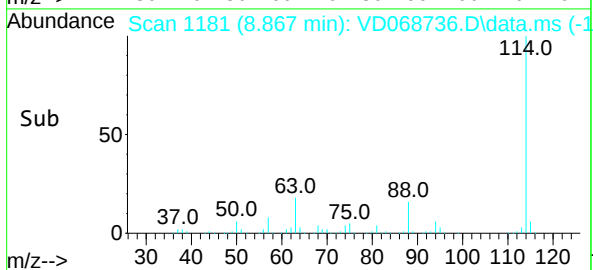
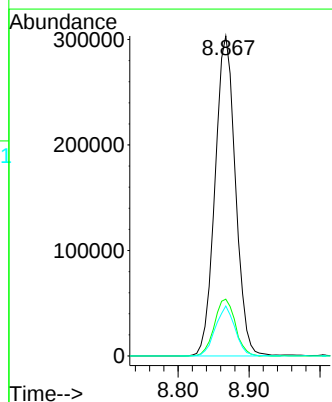
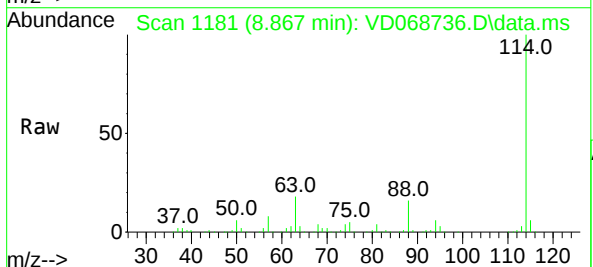
Instrument :
MSVOA_D
ClientSampleId :

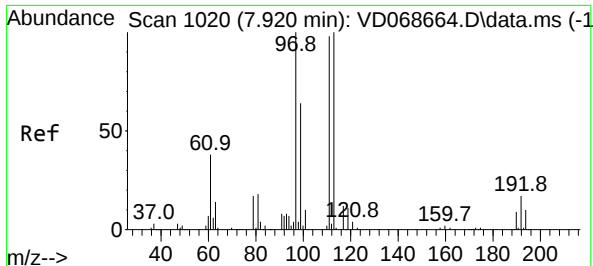
Tgt Ion: 65 Resp: 181697
Ion Ratio Lower Upper
65 100
67 52.3 0.0 106.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Tgt Ion: 114 Resp: 604091
Ion Ratio Lower Upper
114 100
63 17.7 0.0 38.2
88 15.6 0.0 29.4





#35

Dibromofluoromethane

Concen: 52.05 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068736.D

Acq: 31 Mar 2021 14:17

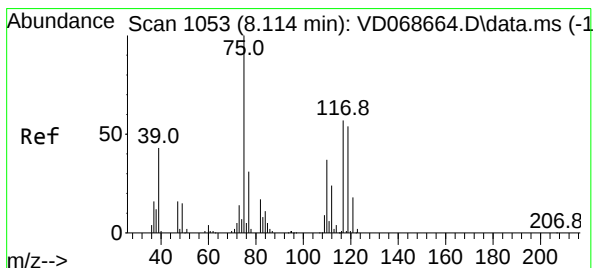
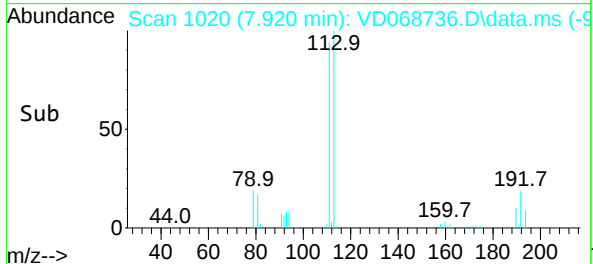
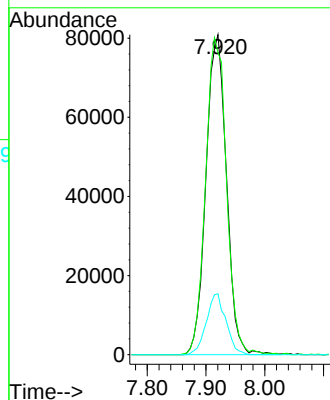
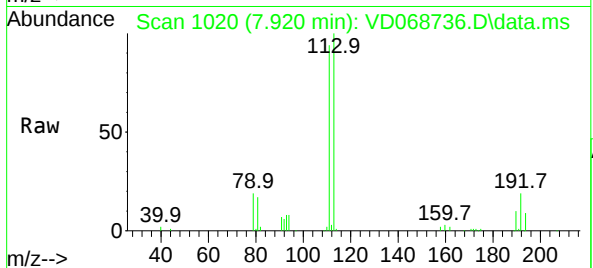
Tgt Ion:113 Resp: 195642

Ion Ratio Lower Upper

113 100

111 101.4 82.5 123.7

192 18.2 15.1 22.7



#36

1,1-Dichloropropene

Concen: 4.98 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068736.D

Acq: 31 Mar 2021 14:17

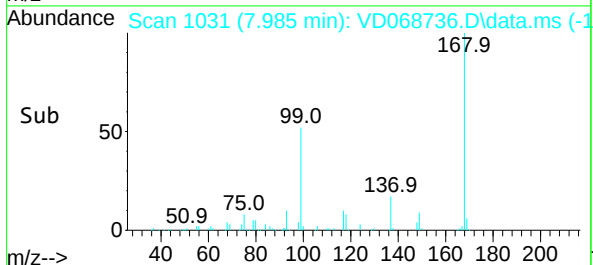
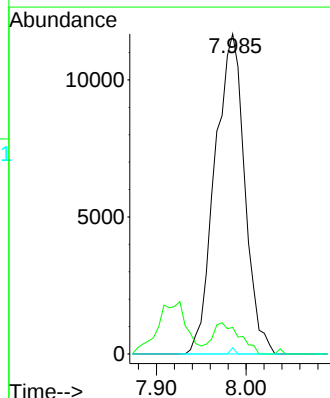
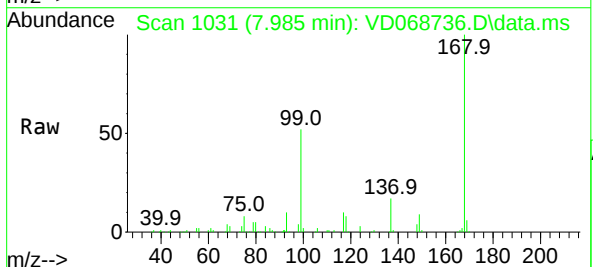
Tgt Ion: 75 Resp: 26868

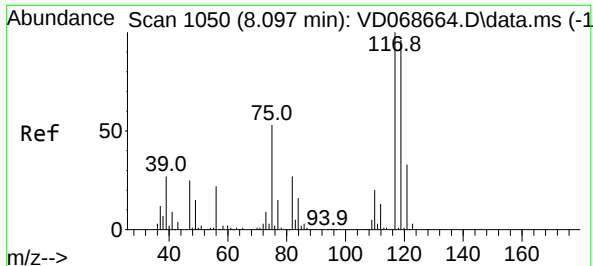
Ion Ratio Lower Upper

75 100

110 9.1 18.1 54.4#

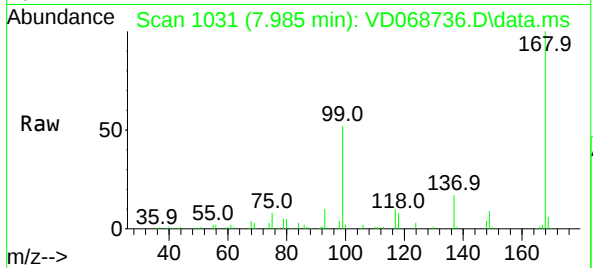
77 0.3 24.7 37.1#



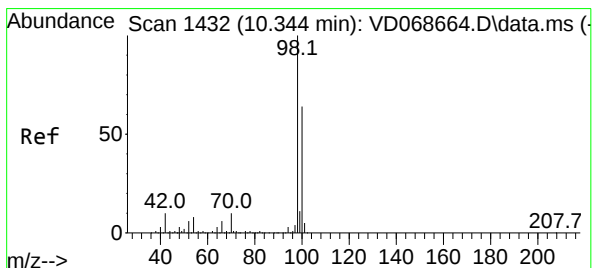
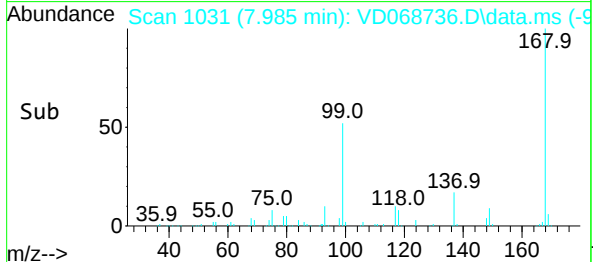
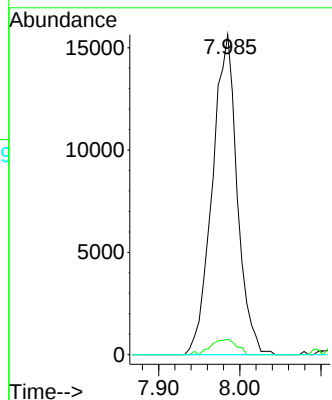


#38
Carbon Tetrachloride
Concen: 6.20 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Instrument :
MSVOA_D
ClientSampleId :

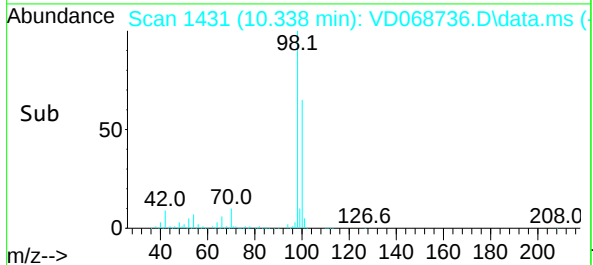
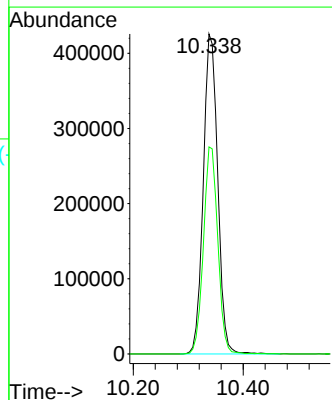
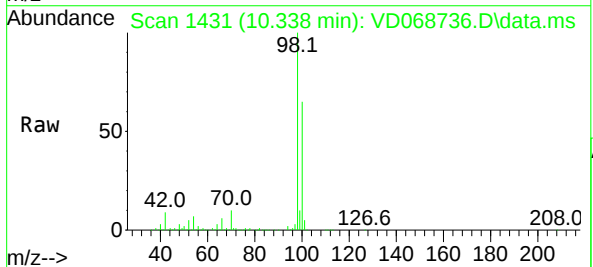


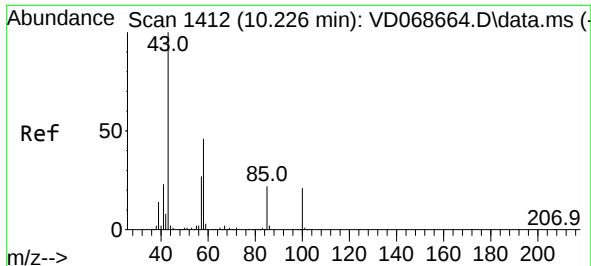
Tgt Ion:117 Resp: 33367
Ion Ratio Lower Upper
117 100
119 4.8 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 53.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Tgt Ion: 98 Resp: 775594
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6

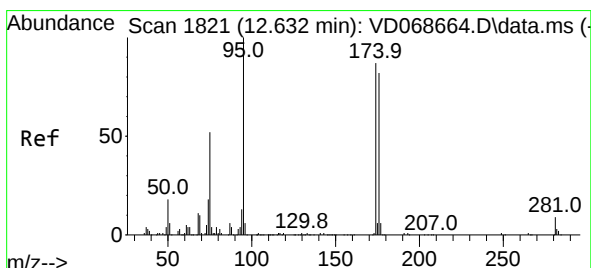
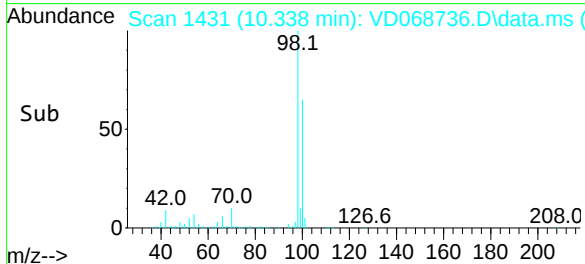
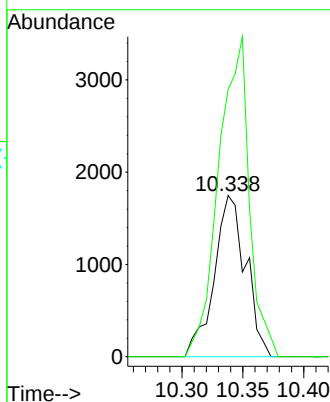
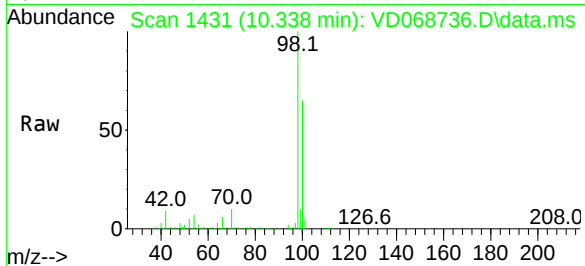




#51
4-Methyl-2-Pentanone
Concen: 1.85 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

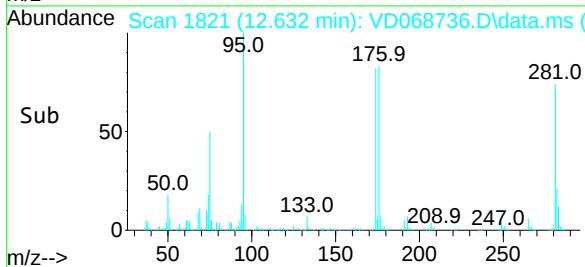
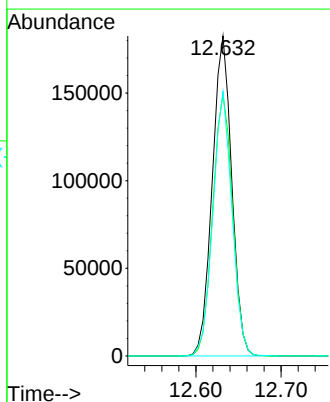
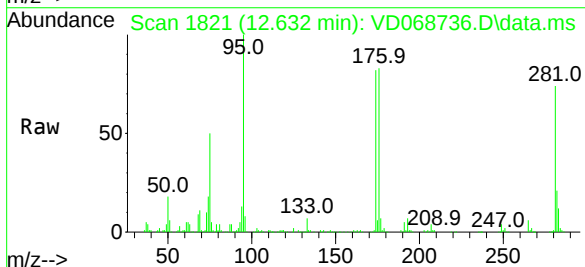
Instrument :
MSVOA_D
ClientSampled :

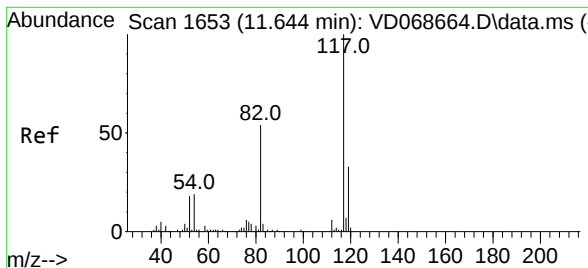
Tgt Ion: 43 Resp: 3150
Ion Ratio Lower Upper
43 100
58 192.6 37.3 55.9#



#62
4-Bromofluorobenzene
Concen: 61.61 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Tgt Ion: 95 Resp: 289481
Ion Ratio Lower Upper
95 100
174 83.3 0.0 168.0
176 81.1 0.0 160.2

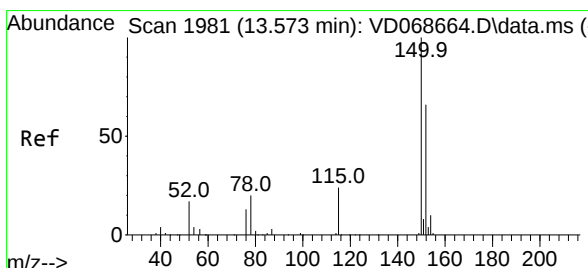
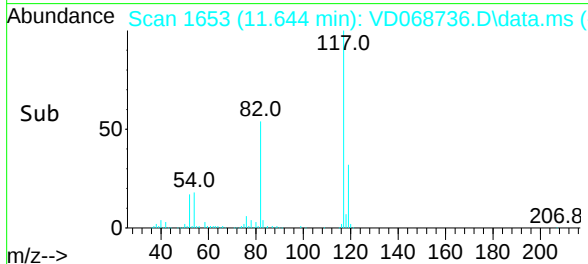
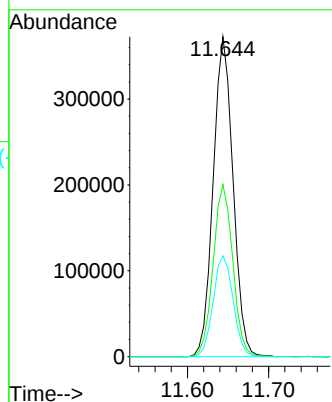
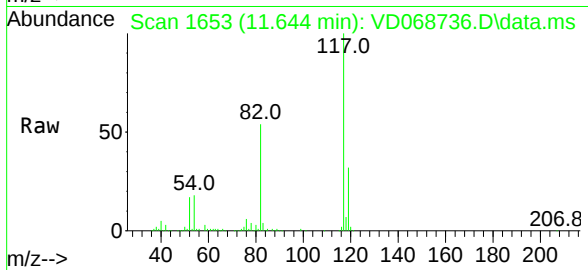




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

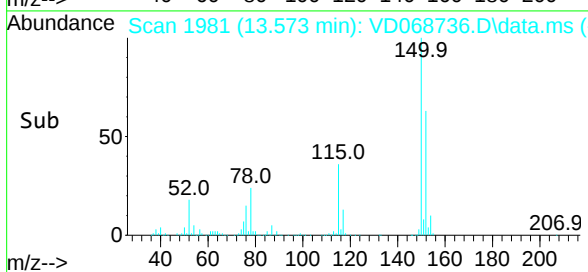
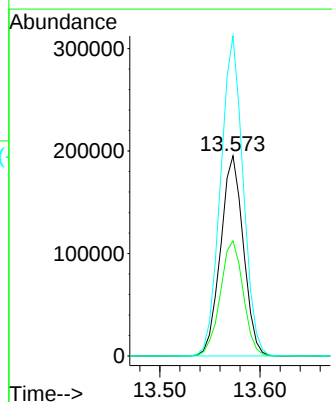
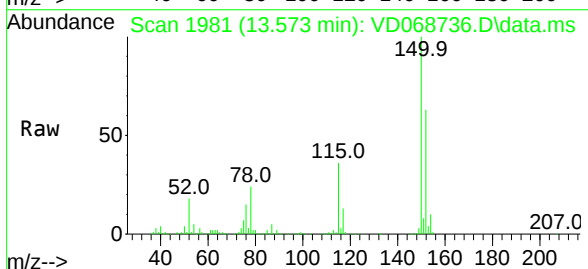
Instrument :
MSVOA_D
ClientSampleId :

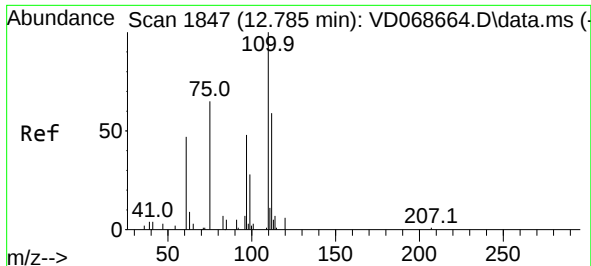
Tgt Ion:117 Resp: 632824
Ion Ratio Lower Upper
117 100
82 53.8 43.5 65.3
119 31.5 26.7 40.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Tgt Ion:152 Resp: 307578
Ion Ratio Lower Upper
152 100
115 58.0 29.3 87.8
150 158.4 0.0 347.6

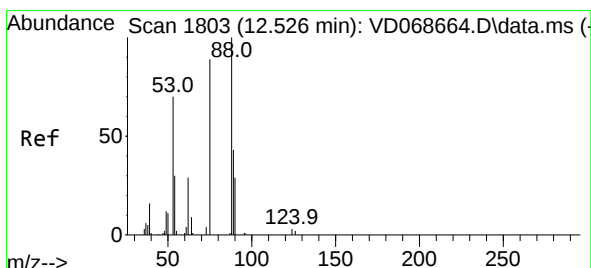
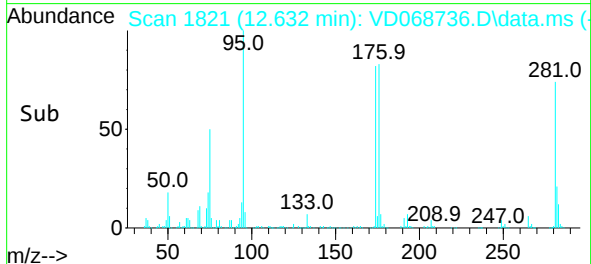
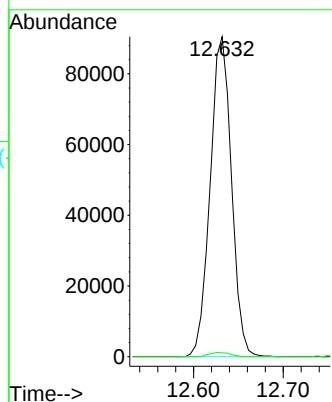
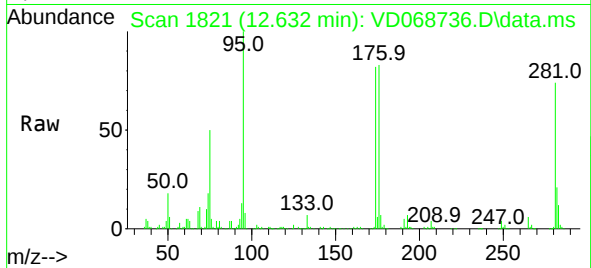




#76
1,2,3-Trichloropropane
Concen: 58.24 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 149099
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 132.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068736.D
Acq: 31 Mar 2021 14:17

Tgt Ion: 75 Resp: 149099
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.8 36.6 54.8#

