

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012721\
 Data File : VD068202.D
 Acq On : 27 Jan 2021 17:08
 Operator : VA/SY
 Sample : M1251-02
 Misc : 6.76G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 23:58:00 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 19 13:19:08 2021
 Response via : Initial Calibration

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

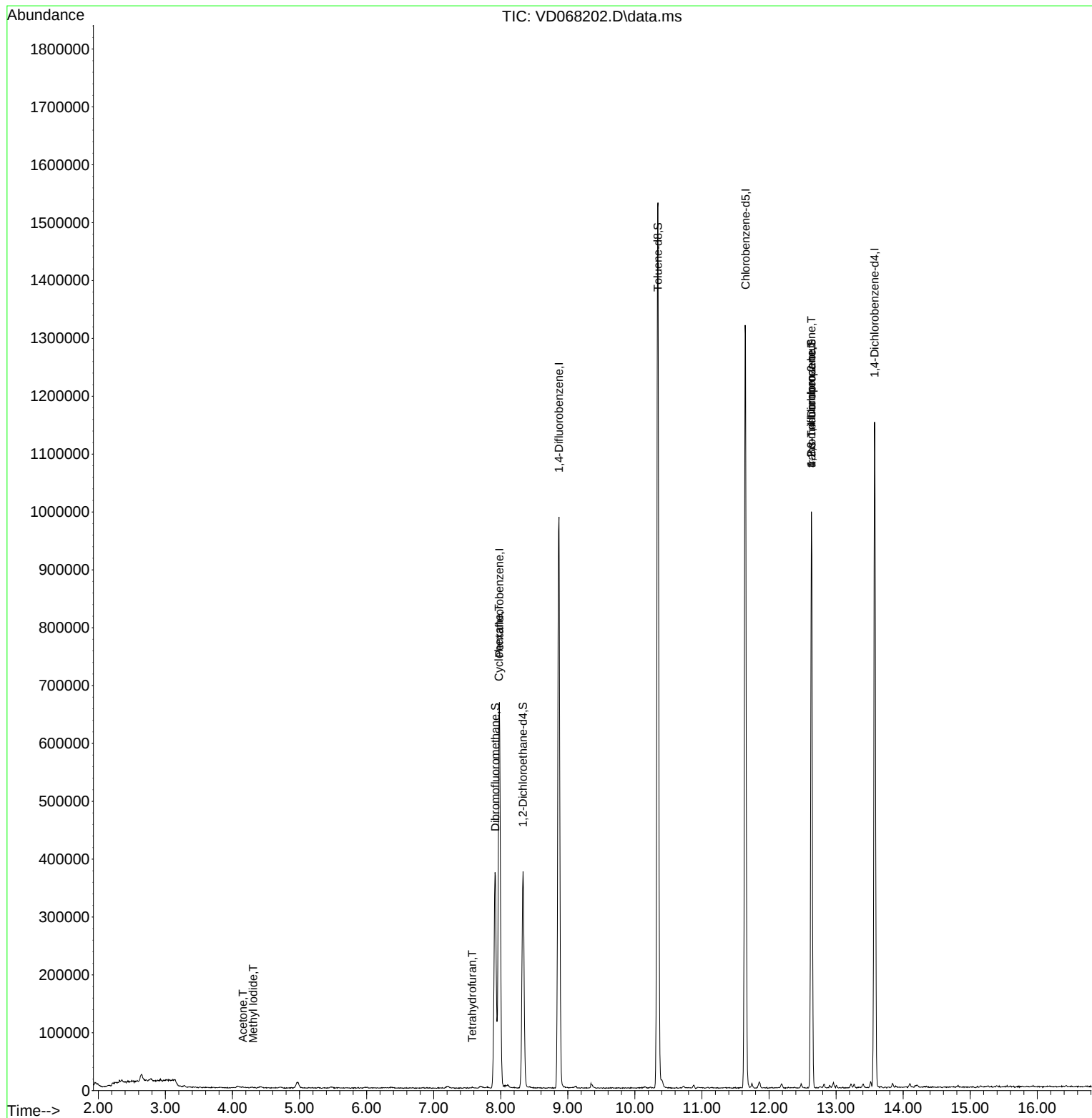
Internal Standards						
1) Pentafluorobenzene	7.979	168	500990	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	892449	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	780570	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	311457	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	296353	61.84	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.68%
35) Dibromofluoromethane	7.920	113	271211	54.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.94%
50) Toluene-d8	10.344	98	1103158	55.90	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.80%
62) 4-Bromofluorobenzene	12.632	95	344784	48.51	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.02%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	1144	3.34	ug/l #	59
11) Tert butyl alcohol	5.209	59	59	Below Cal	#	74
16) Acetone	4.156	43	2520	2.94	ug/l #	86
20) Methylene Chloride	4.962	84	8114	Below Cal	#	84
29) Tetrahydrofuran	7.573	42	937	1.12	ug/l #	35
31) Cyclohexane	7.973	56	13219	1.27	ug/l #	35
76) 1,2,3-Trichloropropane	12.632	75	175951	58.43	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	175951	118.23	ug/l #	13

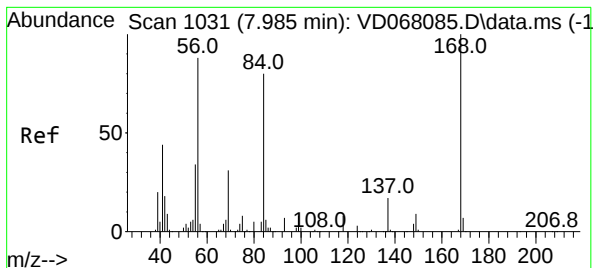
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD068202.D
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Misc : 6.76G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

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ClientSampleId :

Quant Time: Jan 27 23:58:00 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011921S.M
Quant Title : SW846 8260
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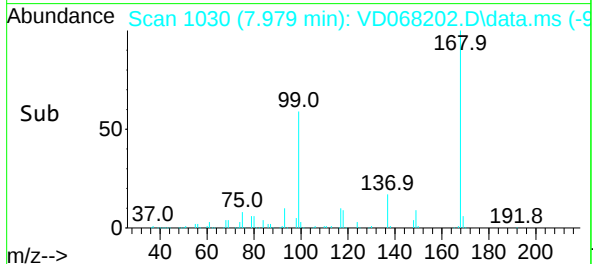
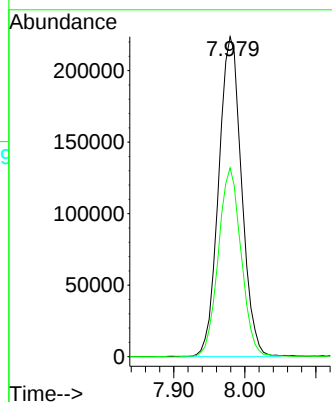
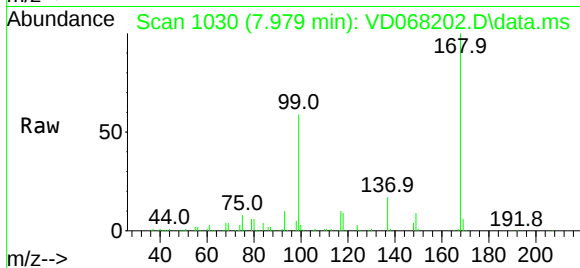




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

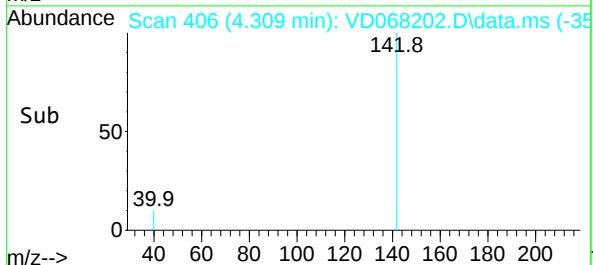
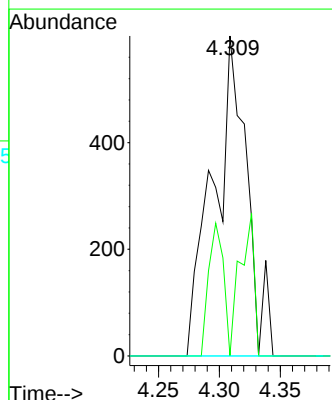
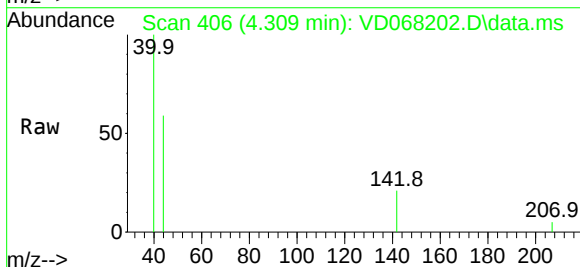
Instrument :
MSVOA_D
ClientSampled :

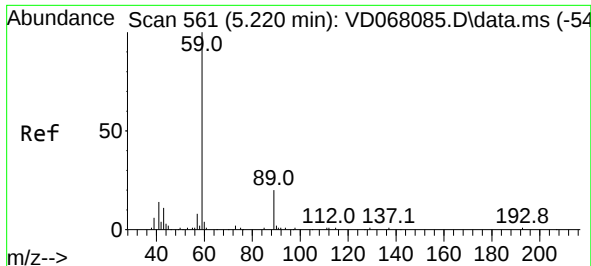
Tgt Ion:168 Resp: 500990
Ion Ratio Lower Upper
168 100
99 58.8 43.5 65.3



#10
Methyl Iodide
Concen: 3.34 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion:142 Resp: 1144
Ion Ratio Lower Upper
142 100
127 18.3 37.9 56.9#
141 0.0 11.5 17.3#

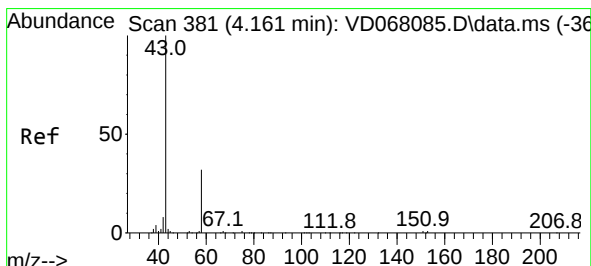
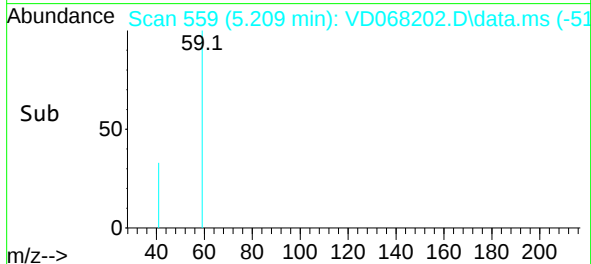
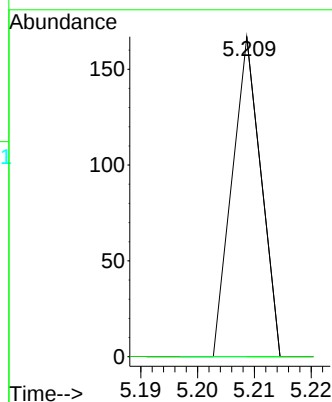
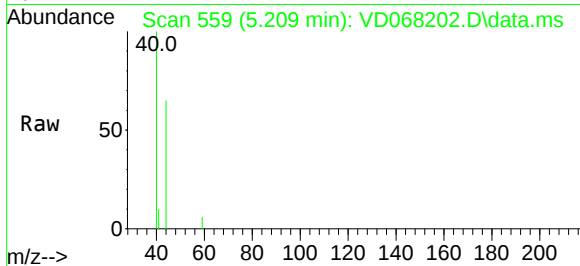




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

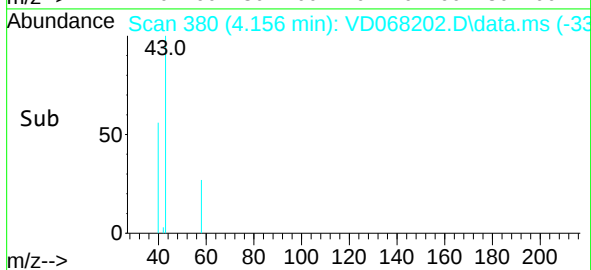
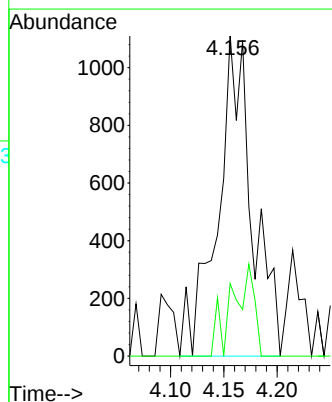
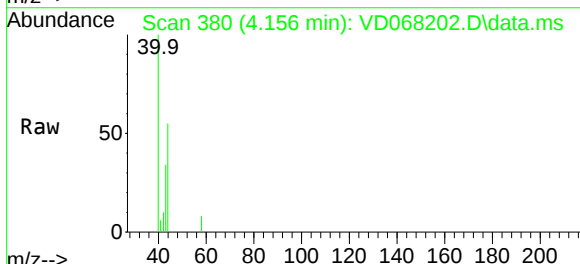
Instrument :
MSVOA_D
ClientSampled :

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



#16
Acetone
Concen: 2.94 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

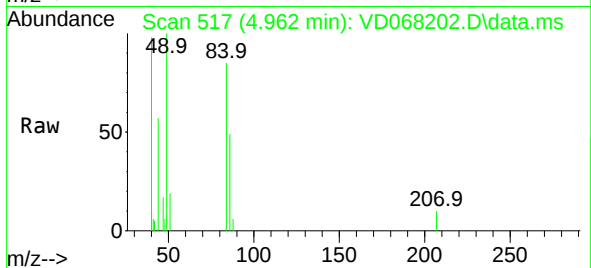
Tgt Ion: 43 Resp: 2520
Ion Ratio Lower Upper
43 100
58 22.6 24.2 36.4#



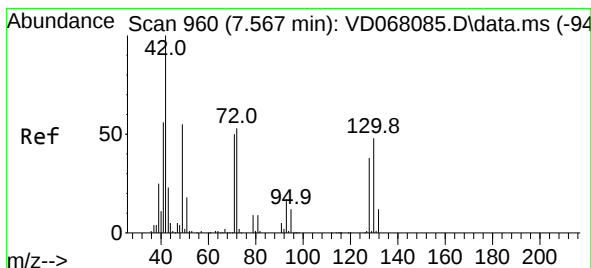
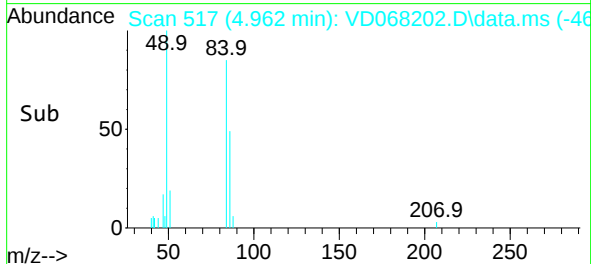
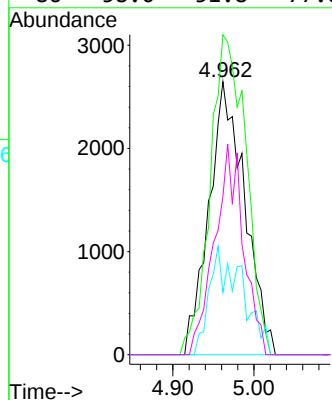


#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Instrument :
MSVOA_D
ClientSampleId :

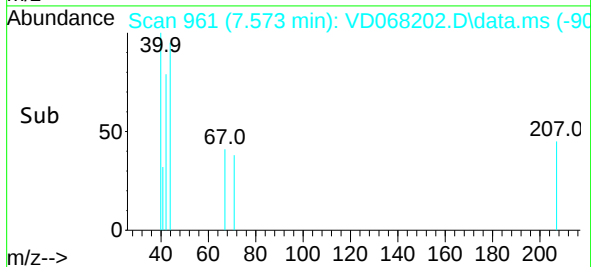
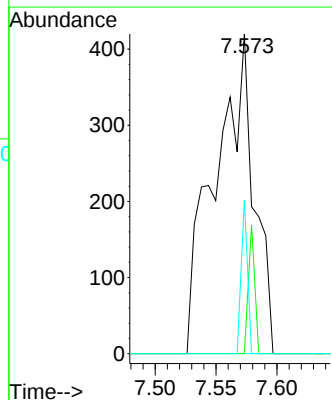
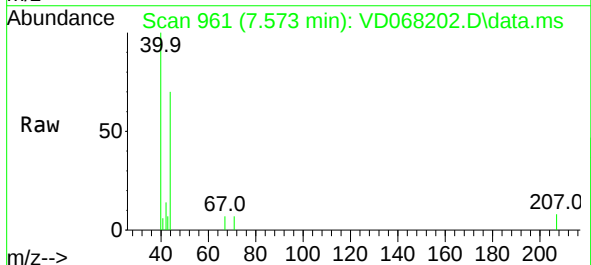


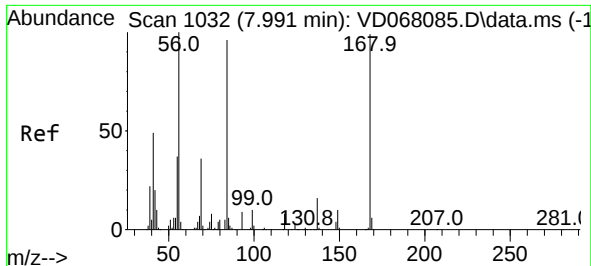
Tgt Ion: 84 Resp: 8114
Ion Ratio Lower Upper
84 100
49 117.2 77.4 116.2#
51 22.9 26.1 39.1#
86 58.0 51.8 77.8



#29
Tetrahydrofuran
Concen: 1.12 ug/l
RT: 7.573 min Scan# 961
Delta R.T. 0.006 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion: 42 Resp: 937
Ion Ratio Lower Upper
42 100
72 6.4 43.4 65.0#
71 7.6 40.8 61.2#

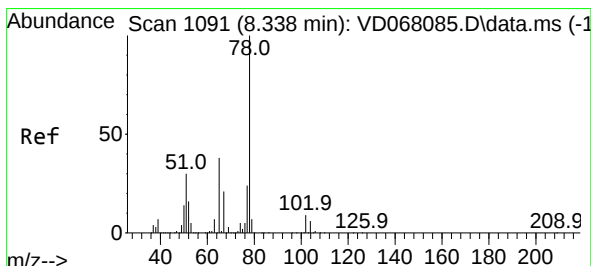
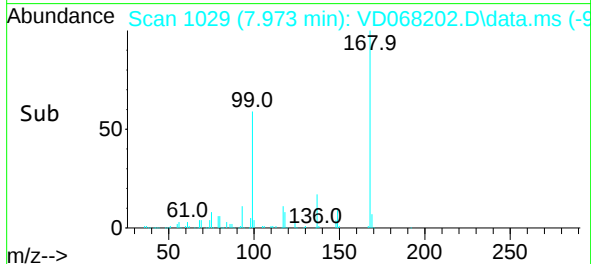
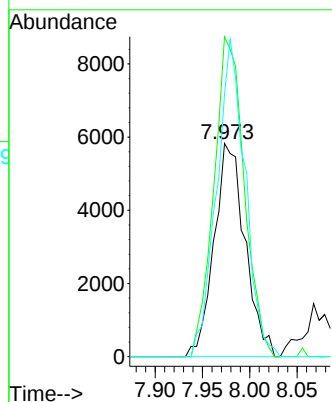
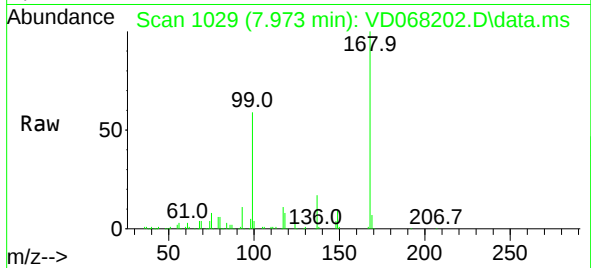




#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

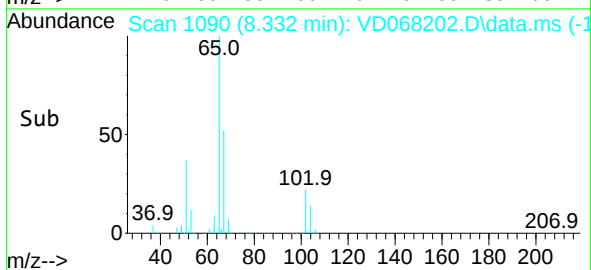
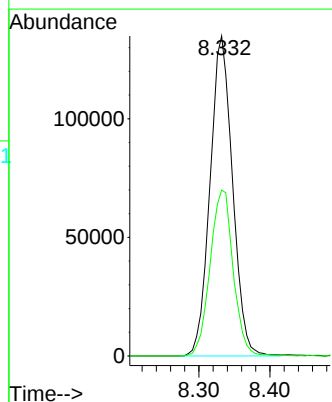
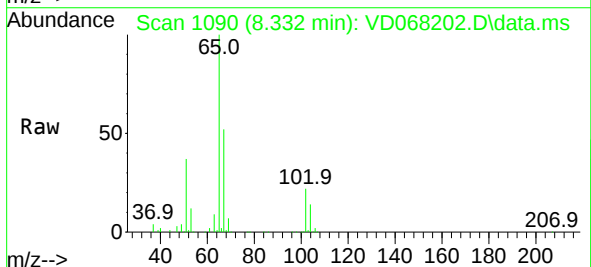
Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 56 Resp: 13219
Ion Ratio Lower Upper
56 100
69 150.1 30.1 45.1#
84 123.0 82.1 123.1



#33
1,2-Dichloroethane-d4
Concen: 61.84 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.006 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion: 65 Resp: 296353
Ion Ratio Lower Upper
65 100
67 53.2 0.0 105.0

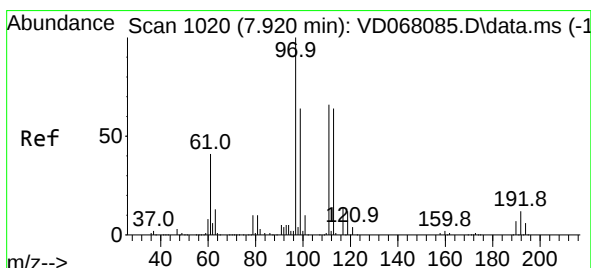
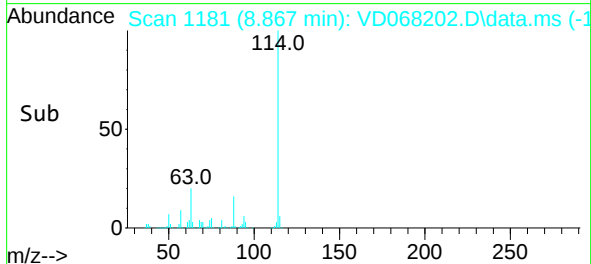
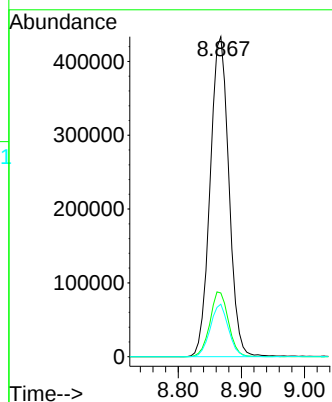
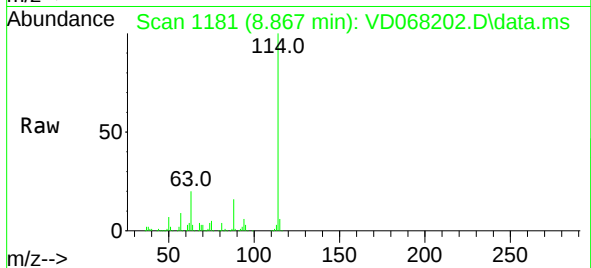




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

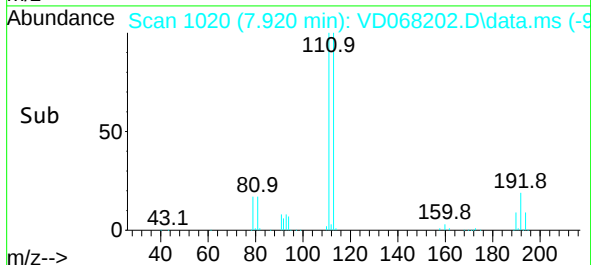
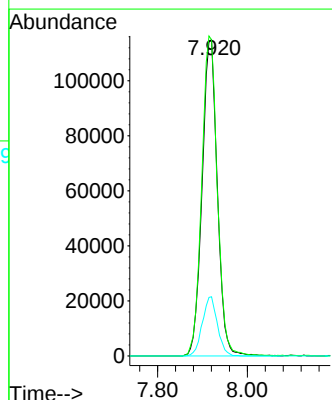
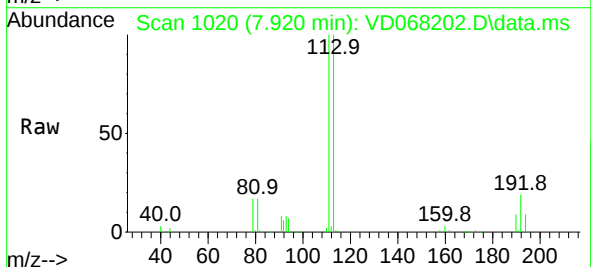
Instrument :
MSVOA_D
ClientSampled :

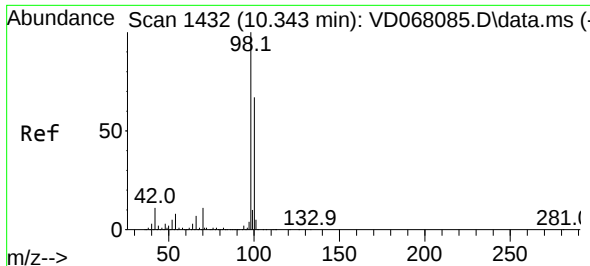
Tgt Ion:114 Resp: 892449
Ion Ratio Lower Upper
114 100
63 19.9 0.0 34.8
88 16.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 54.97 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion:113 Resp: 271211
Ion Ratio Lower Upper
113 100
111 103.5 81.4 122.0
192 18.5 16.1 24.1

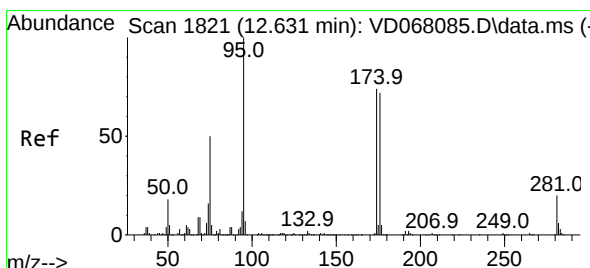
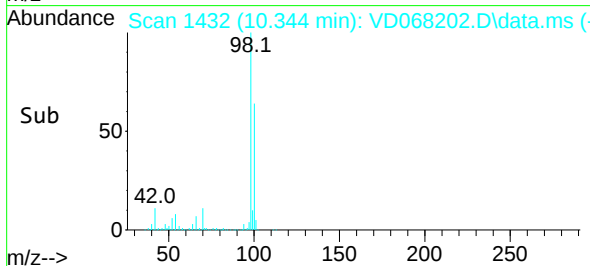
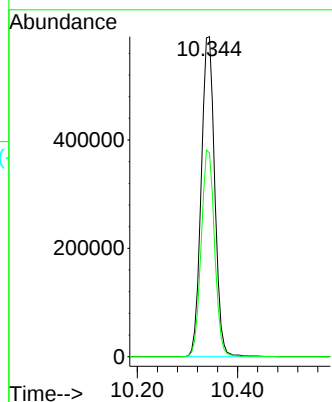
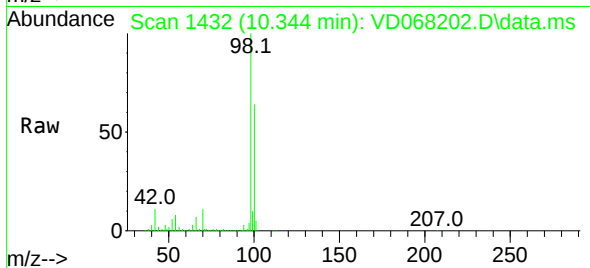




#50
Toluene-d8
Concen: 55.90 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

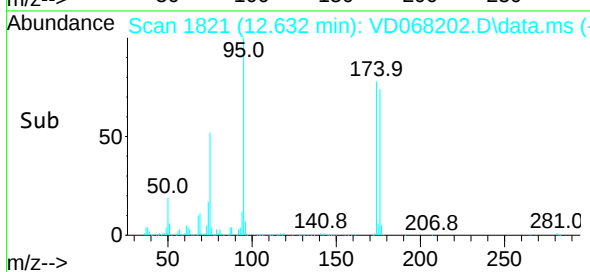
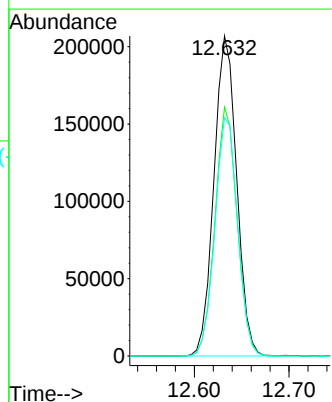
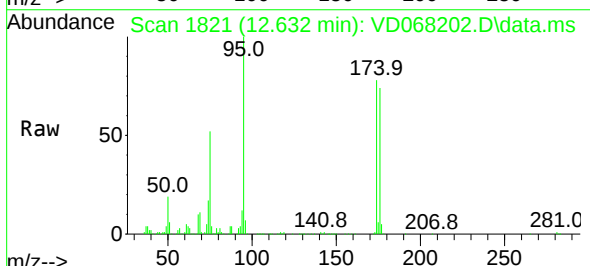
Instrument :
MSVOA_D
ClientSampled :

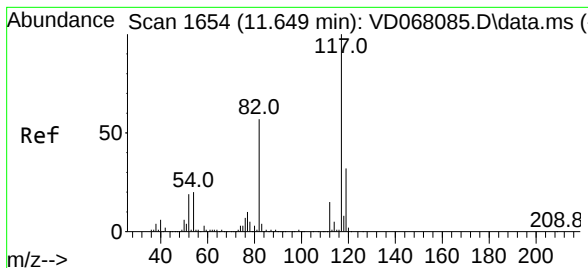
Tgt Ion: 98 Resp: 1103158
Ion Ratio Lower Upper
98 100
100 64.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.51 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion: 95 Resp: 344784
Ion Ratio Lower Upper
95 100
174 76.1 0.0 172.4
176 74.3 0.0 168.4

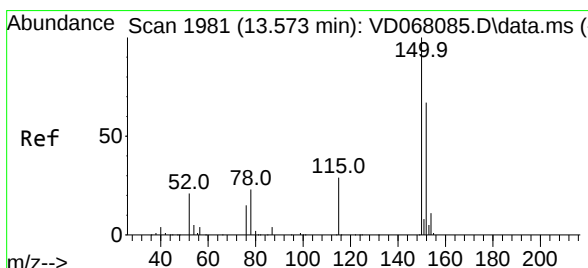
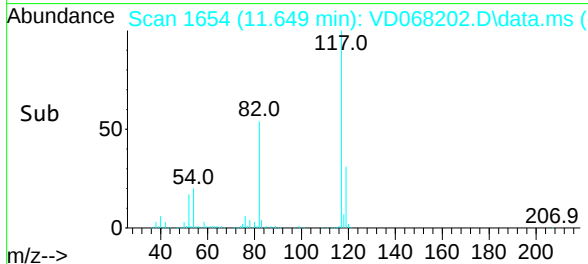
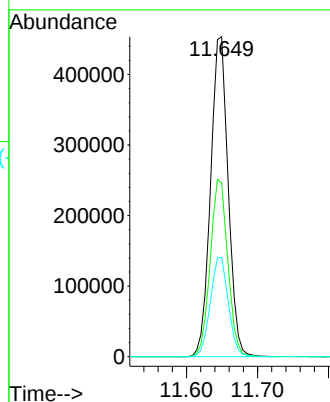
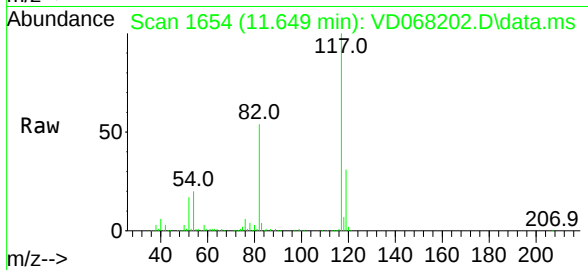




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

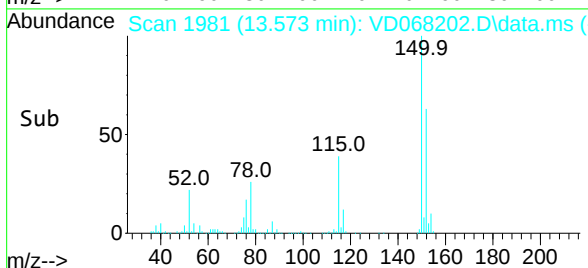
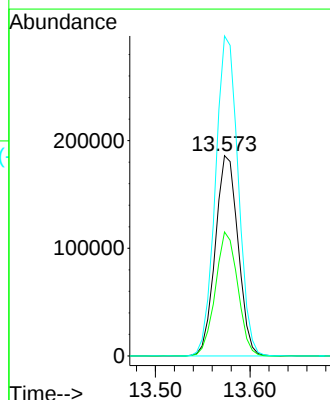
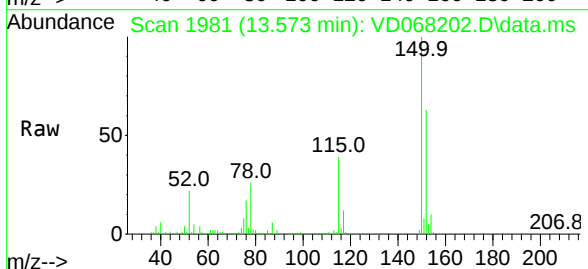
Instrument :
MSVOA_D
ClientSampleId :

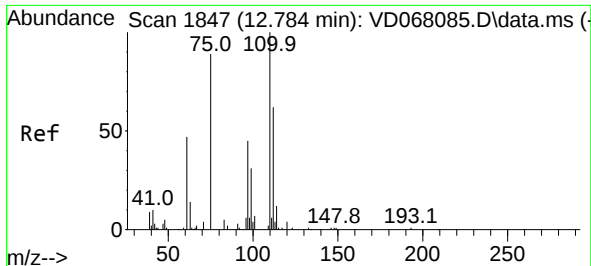
Tgt Ion:117 Resp: 780570
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 31.0 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion:152 Resp: 311457
Ion Ratio Lower Upper
152 100
115 60.9 28.9 86.8
150 159.1 0.0 344.4

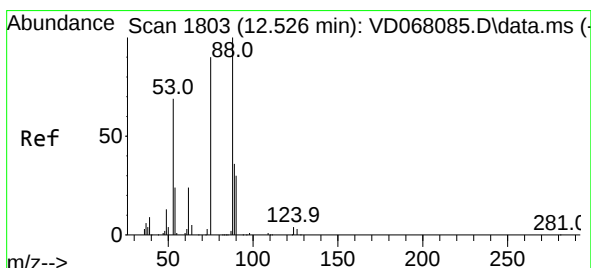
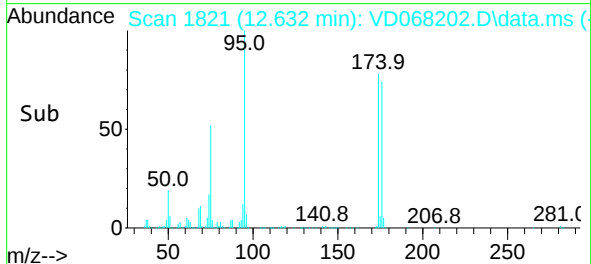
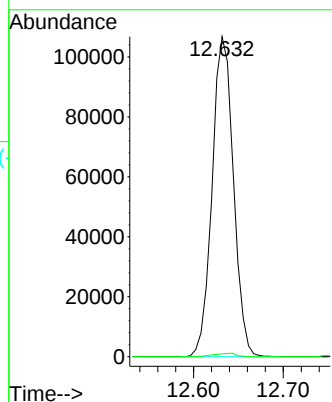
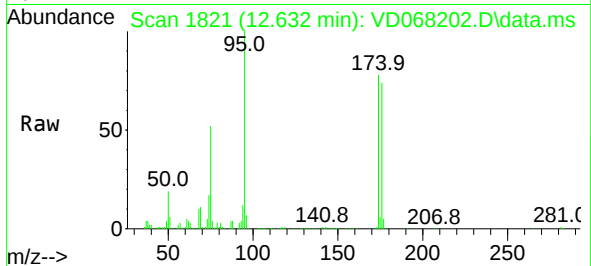




#76
1,2,3-Trichloropropane
Concen: 58.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 175951
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 118.23 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068202.D
Acq: 27 Jan 2021 17:08

Tgt Ion: 75 Resp: 175951
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#

