

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
 Data File : VD068187.D
 Acq On : 26 Jan 2021 13:13
 Operator : VA/SY
 Sample : M1235-04
 Misc : 5.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 27 00:11:43 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)

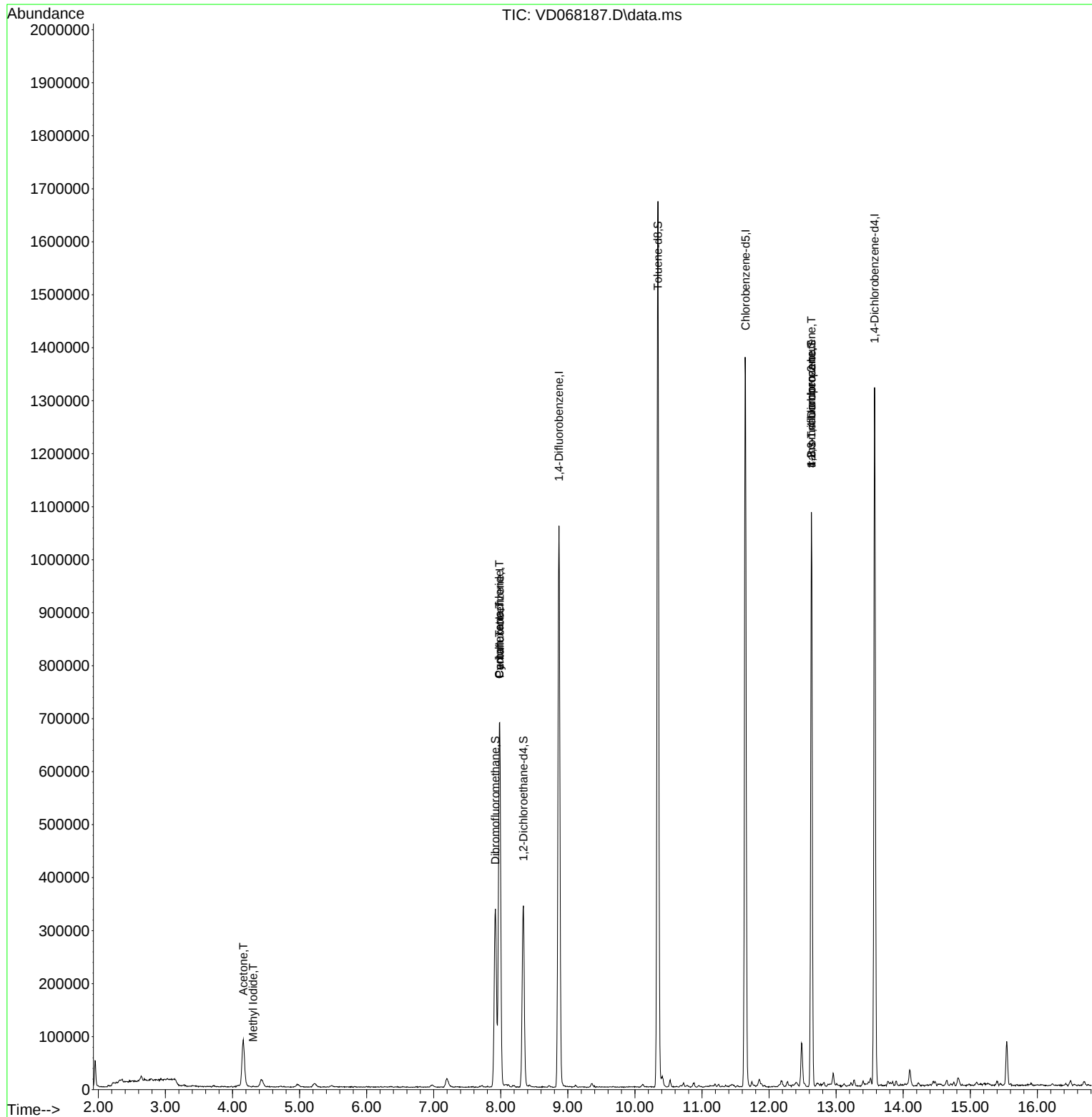
Internal Standards						
1) Pentafluorobenzene	7.985	168	541485	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	963329	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.649	117	822283	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	355084	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	276907	53.46	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.92%
35) Dibromofluoromethane	7.920	113	250167	46.97	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.94%
50) Toluene-d8	10.344	98	1153963	54.17	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.34%
62) 4-Bromofluorobenzene	12.632	95	364197	47.47	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.94%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	995	3.30	ug/l #	72
11) Tert butyl alcohol	5.220	59	13200	Below	Cal	98
16) Acetone	4.161	43	154590	167.14	ug/l	95
20) Methylene Chloride	4.967	84	3871	Below	Cal #	86
31) Cyclohexane	7.979	56	12674	1.13	ug/l #	14
38) Carbon Tetrachloride	7.979	117	53545	5.89	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	183358	53.41	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	183358	108.07	ug/l #	13

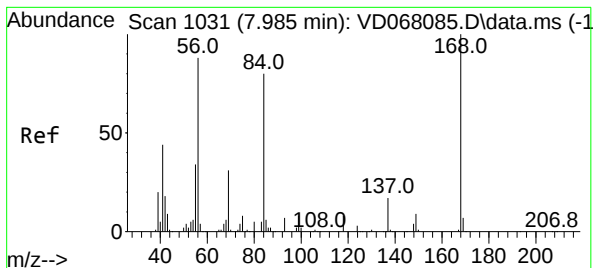
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012621\
Data File : VD068187.D
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Misc : 5.91G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

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MSVOA_D
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Quant Time: Jan 27 00:11:43 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

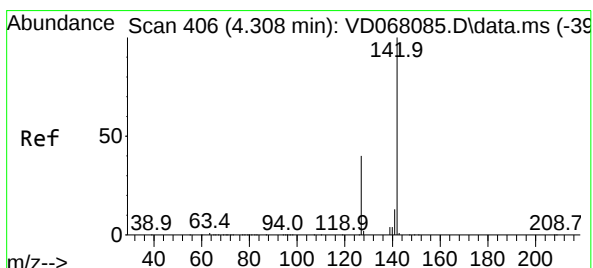
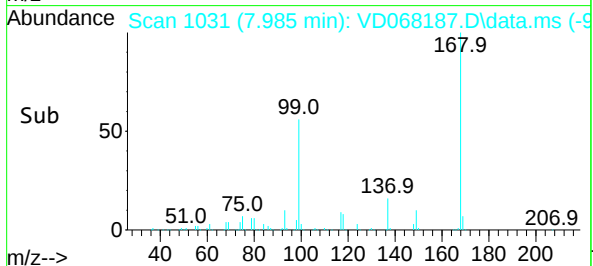
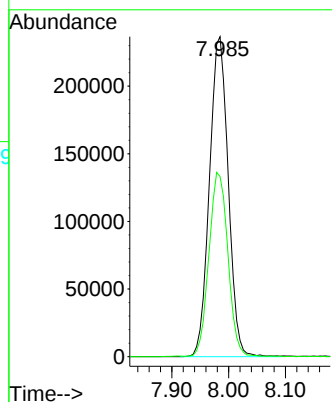
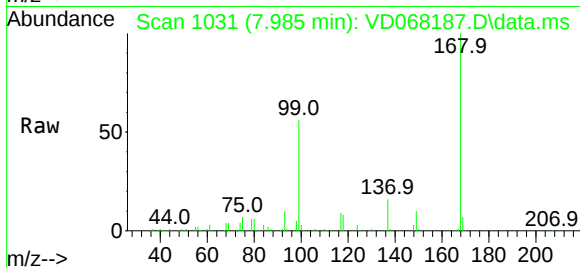




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

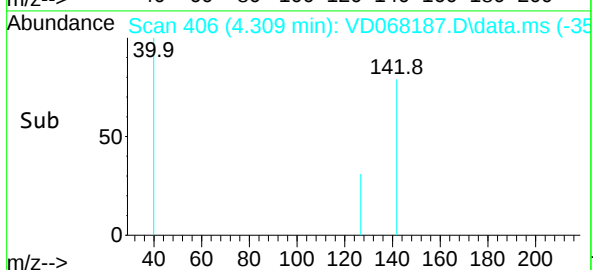
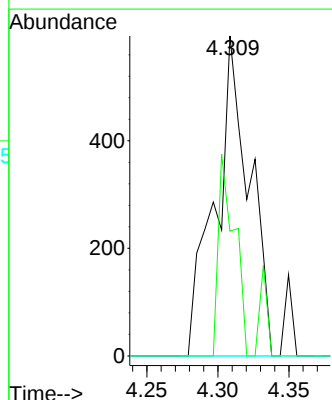
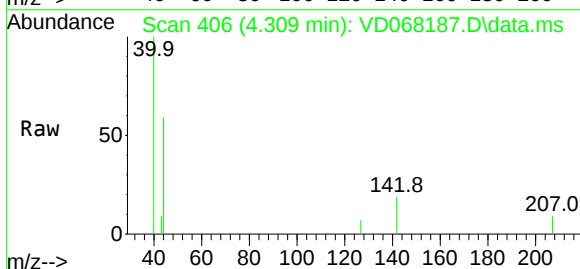
Instrument :
MSVOA_D
ClientSampled :

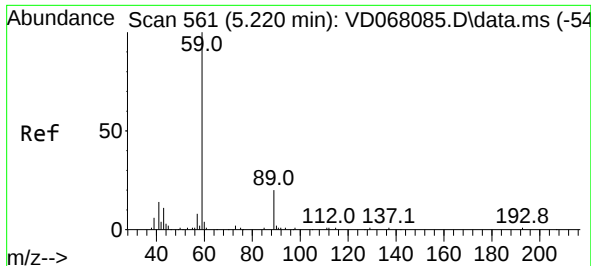
Tgt Ion:168 Resp: 541485
Ion Ratio Lower Upper
168 100
99 56.1 43.5 65.3



#10
Methyl Iodide
Concen: 3.30 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion:142 Resp: 995
Ion Ratio Lower Upper
142 100
127 29.9 37.9 56.9#
141 0.0 11.5 17.3#



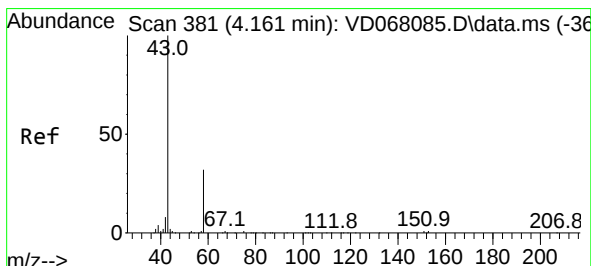
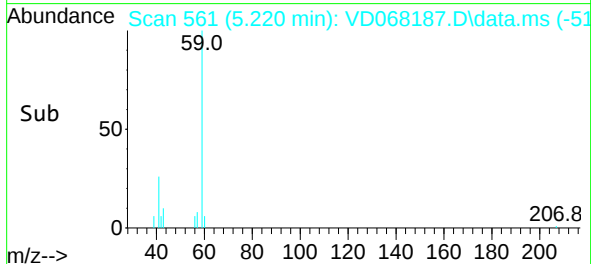
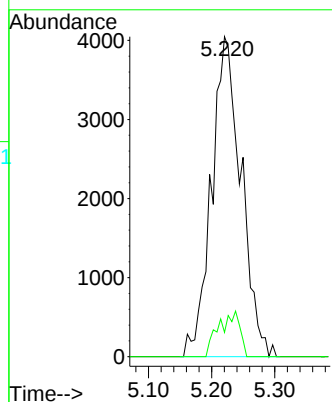
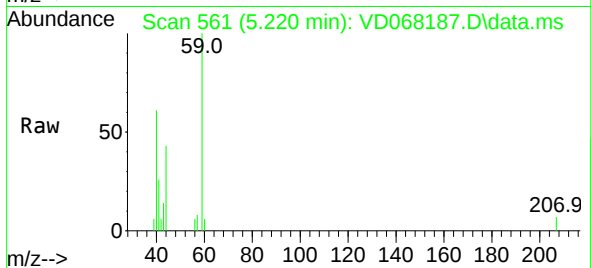


#11

Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Instrument :
MSVOA_D
ClientSampleId :

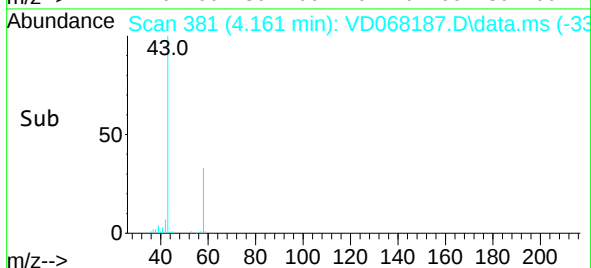
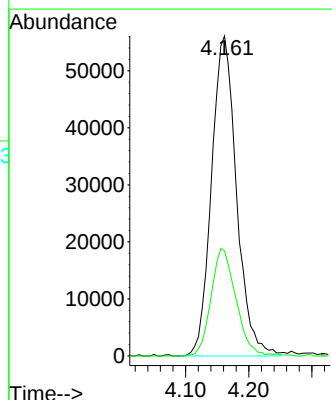
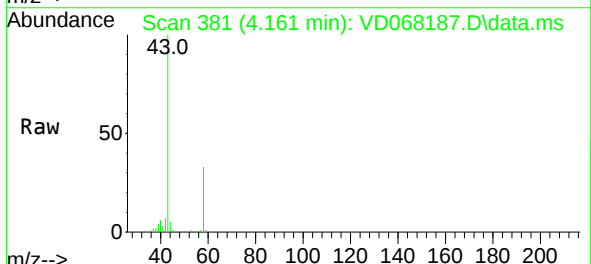
Tgt Ion: 59 Resp: 13200
Ion Ratio Lower Upper
59 100
57 10.1 7.4 11.2

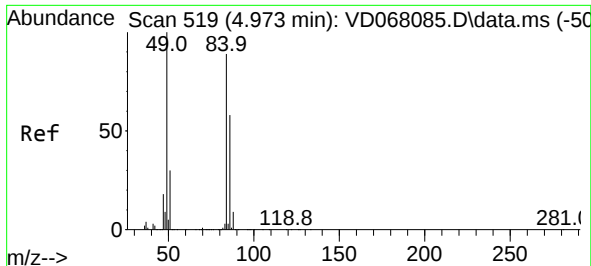


#16

Acetone
Concen: 167.14 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

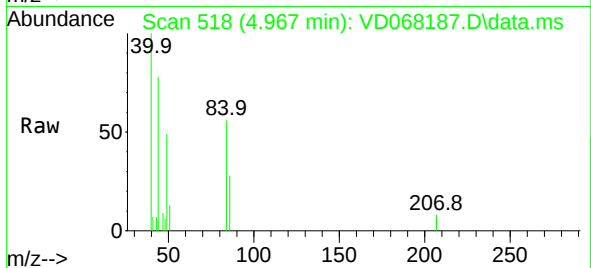
Tgt Ion: 43 Resp: 154590
Ion Ratio Lower Upper
43 100
58 32.8 24.2 36.4



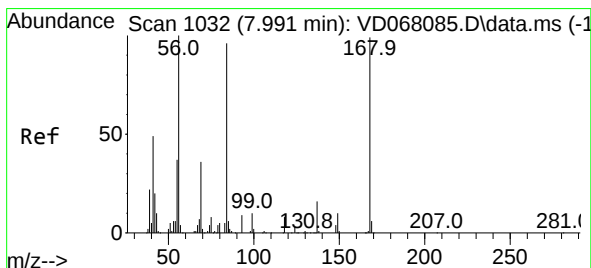
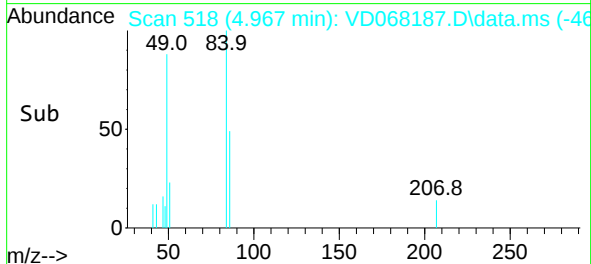
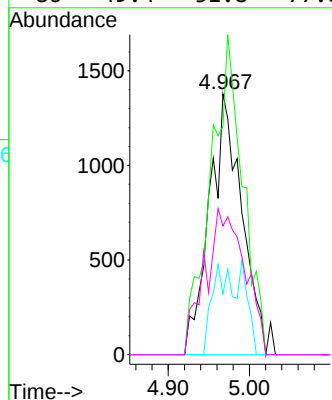


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Instrument :
MSVOA_D
ClientSampled :

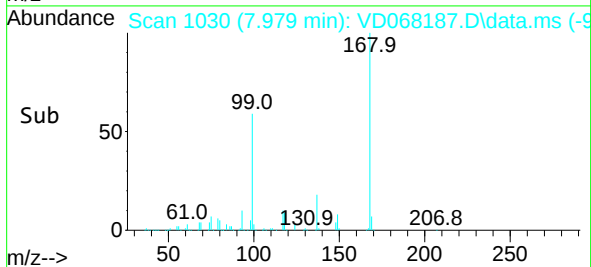
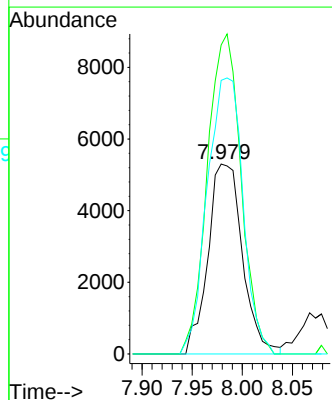
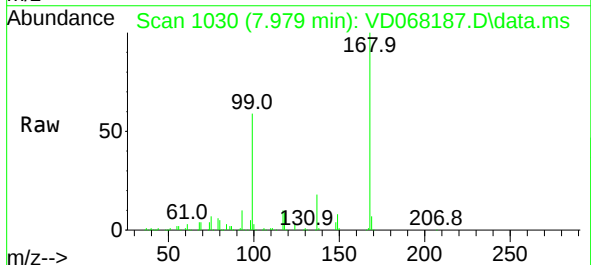


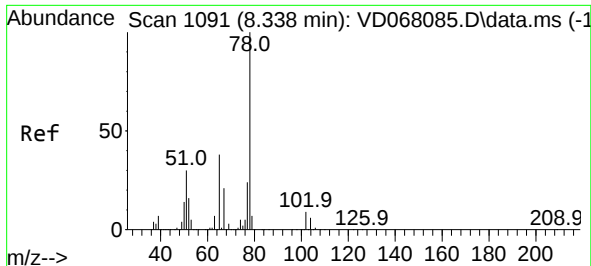
Tgt Ion: 84 Resp: 3871
Ion Ratio Lower Upper
84 100
49 87.6 77.4 116.2
51 23.2 26.1 39.1#
86 49.4 51.8 77.8#



#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion: 56 Resp: 12674
Ion Ratio Lower Upper
56 100
69 162.7 30.1 45.1#
84 144.1 82.1 123.1#

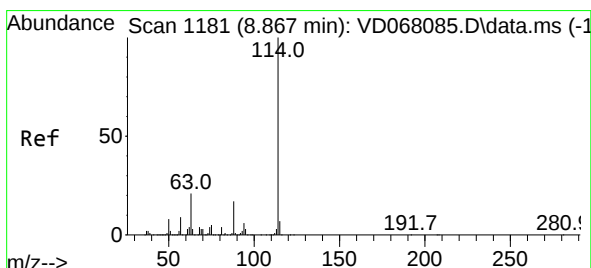
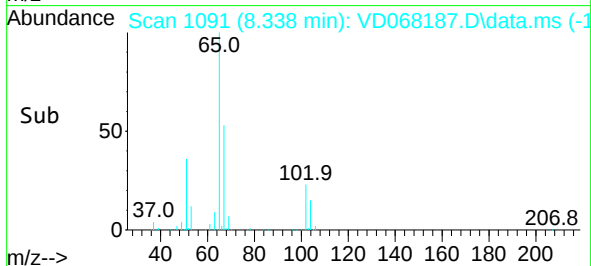
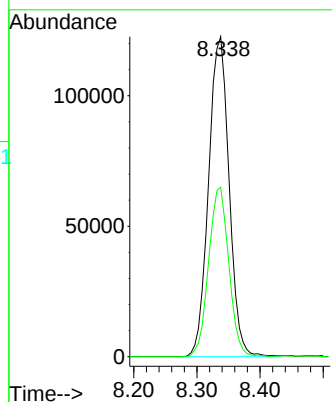
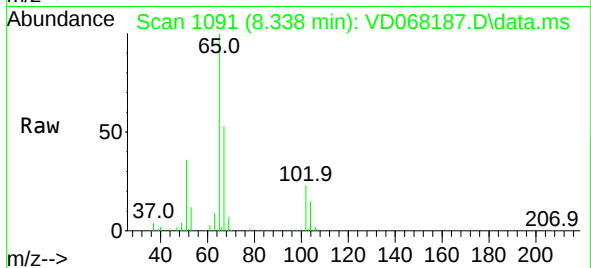




#33
1,2-Dichloroethane-d4
Concen: 53.46 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

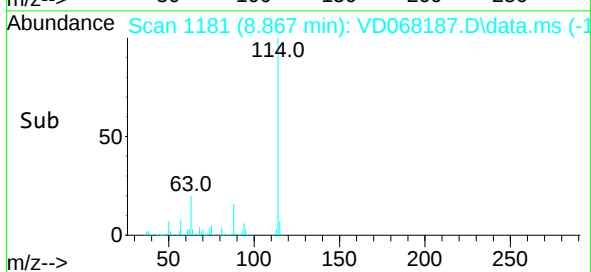
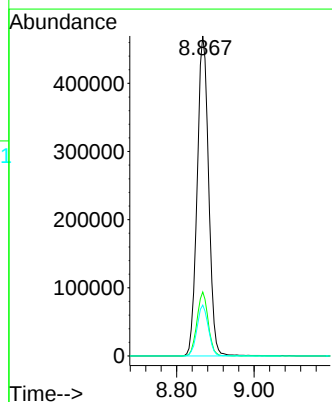
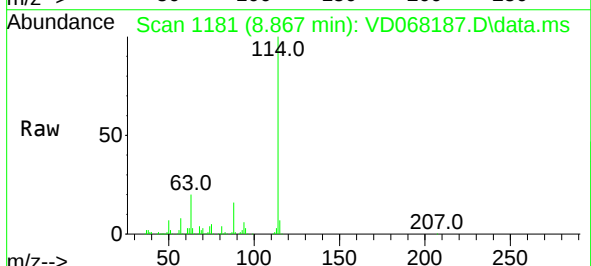
Instrument :
MSVOA_D
ClientSampleId :

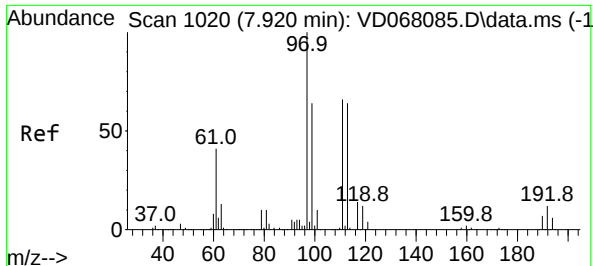
Tgt Ion: 65 Resp: 276907
Ion Ratio Lower Upper
65 100
67 52.2 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion: 114 Resp: 963329
Ion Ratio Lower Upper
114 100
63 20.0 0.0 34.8
88 15.9 0.0 31.6





#35

Dibromofluoromethane

Concen: 46.97 ug/l

RT: 7.920 min Scan# 1020

Delta R.T. 0.000 min

Lab File: VD068187.D

Acq: 26 Jan 2021 13:13

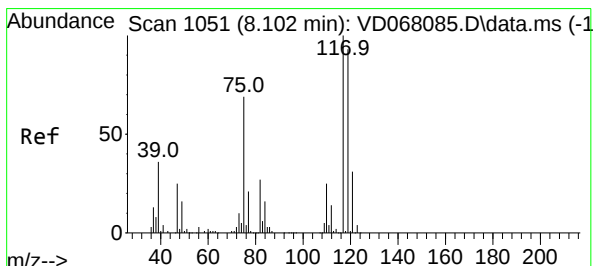
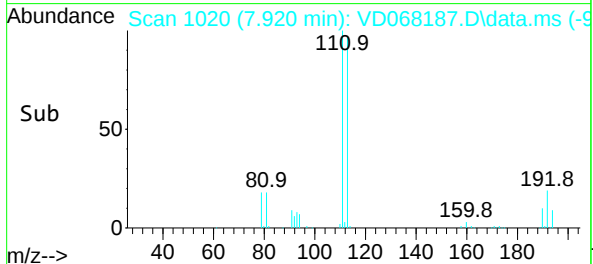
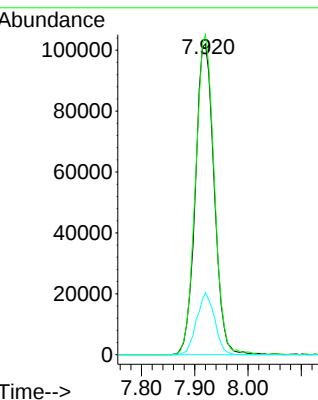
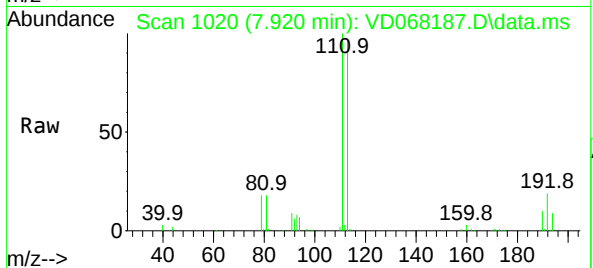
Tgt Ion:113 Resp: 250167

Ion Ratio Lower Upper

113 100

111 102.5 81.4 122.0

192 19.0 16.1 24.1



#38

Carbon Tetrachloride

Concen: 5.89 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.123 min

Lab File: VD068187.D

Acq: 26 Jan 2021 13:13

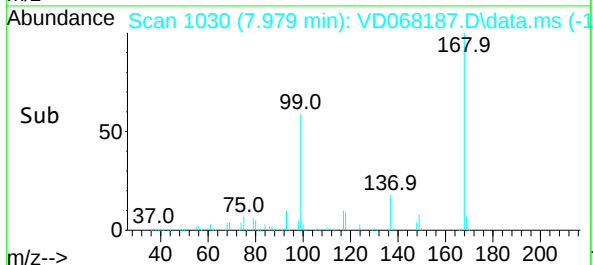
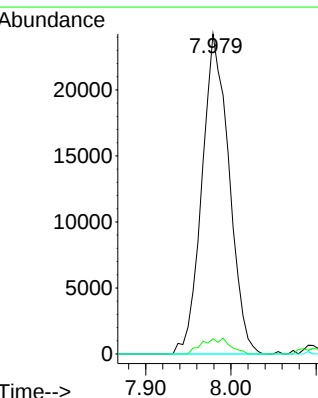
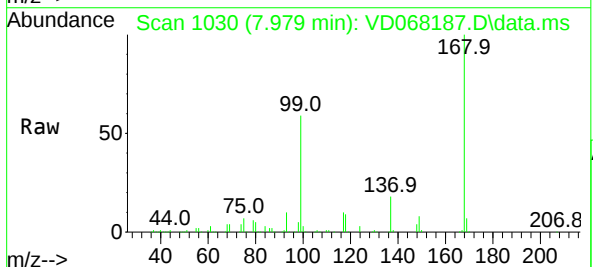
Tgt Ion:117 Resp: 53545

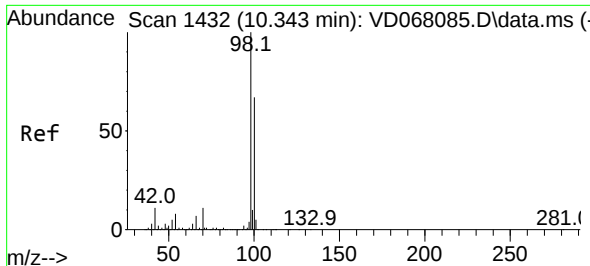
Ion Ratio Lower Upper

117 100

119 4.7 77.3 115.9#

121 0.0 24.7 37.1#

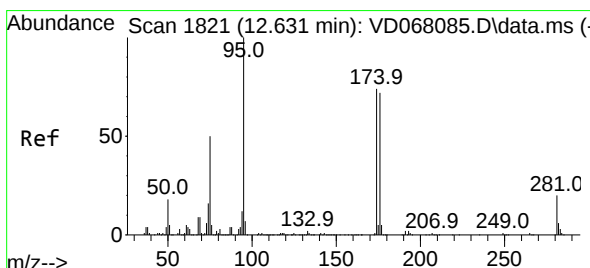
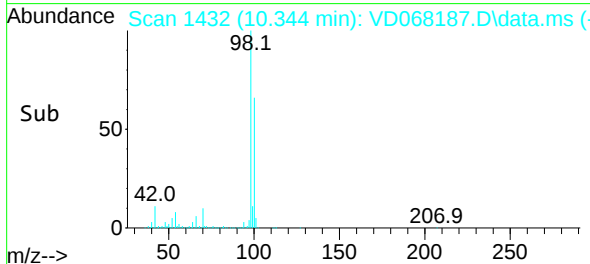
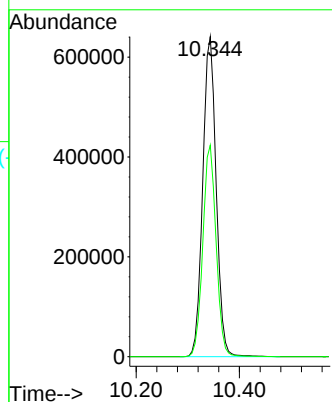
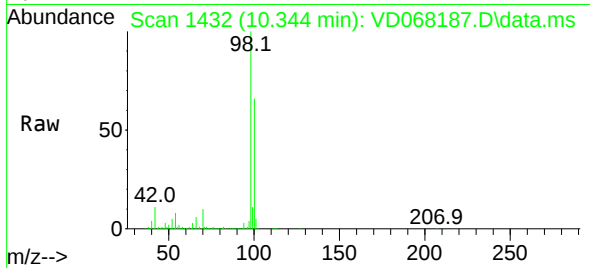




#50
Toluene-d8
Concen: 54.17 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

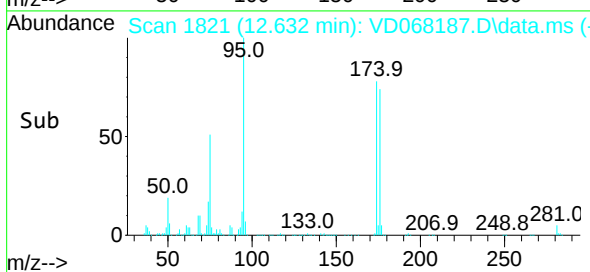
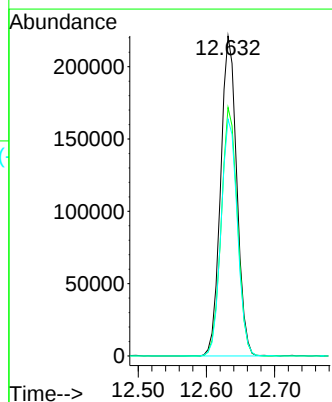
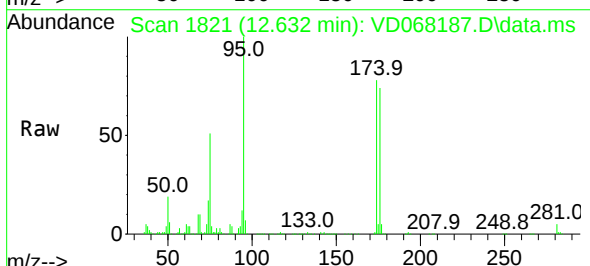
Instrument :
MSVOA_D
ClientSampled :

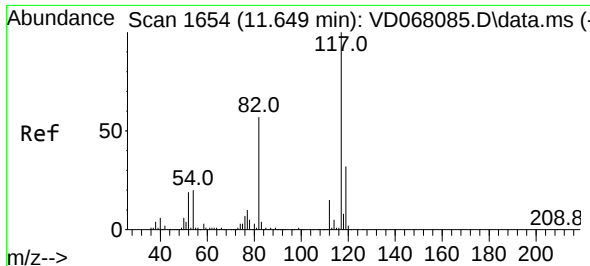
Tgt Ion: 98 Resp: 1153963
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 47.47 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion: 95 Resp: 364197
Ion Ratio Lower Upper
95 100
174 77.5 0.0 172.4
176 74.9 0.0 168.4

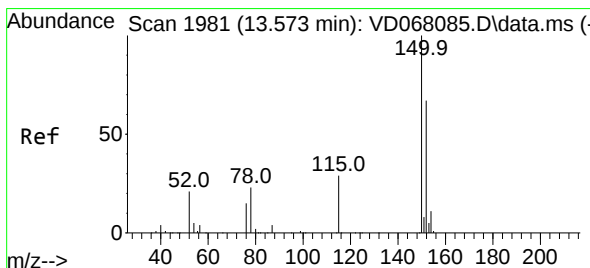
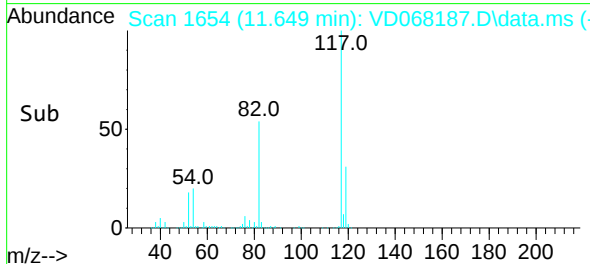
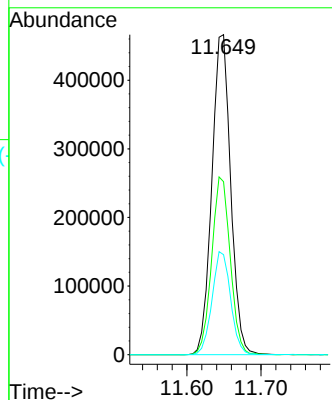
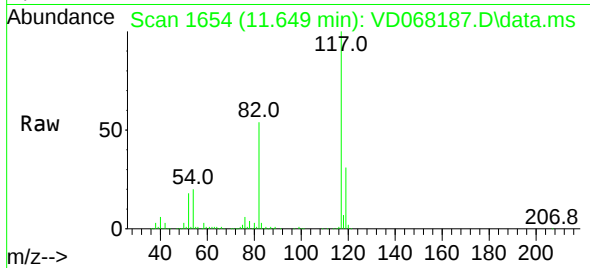




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.649 min Scan# 1654
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

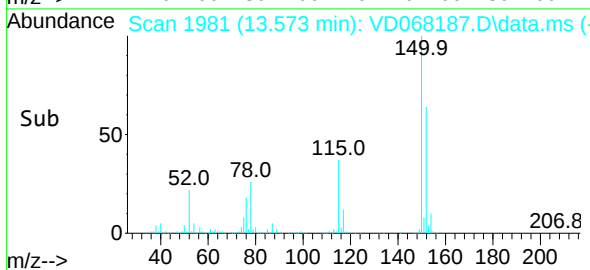
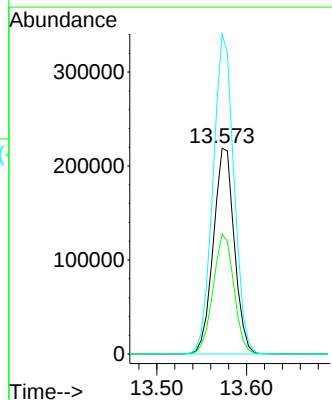
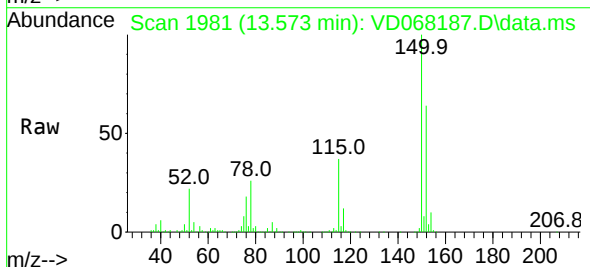
Instrument :
MSVOA_D
ClientSampleId :

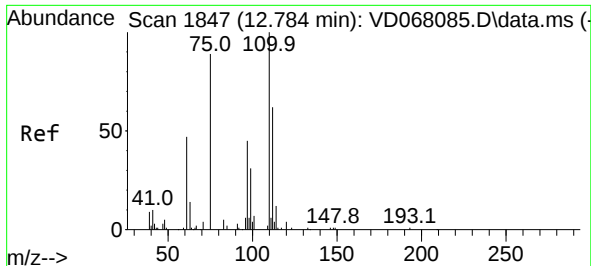
Tgt Ion:117 Resp: 822283
Ion Ratio Lower Upper
117 100
82 54.1 41.4 62.0
119 31.3 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion:152 Resp: 355084
Ion Ratio Lower Upper
152 100
115 58.0 28.9 86.8
150 155.5 0.0 344.4

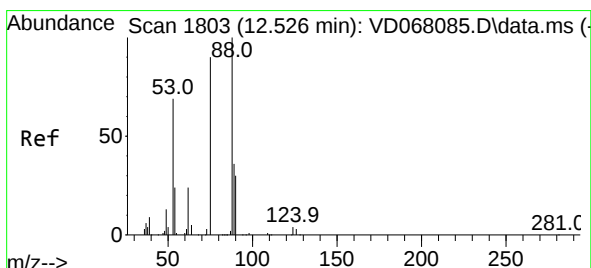
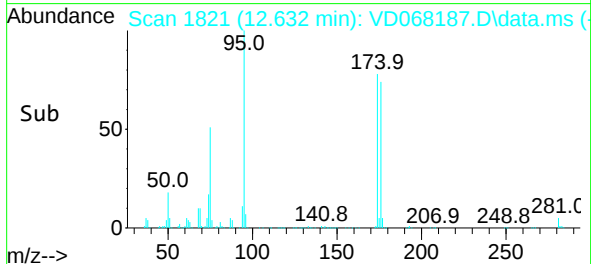
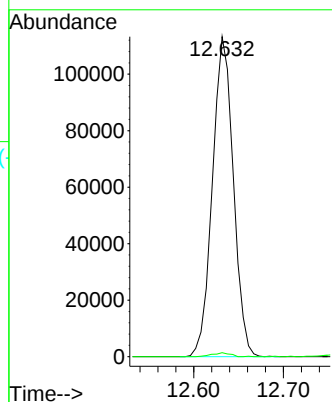
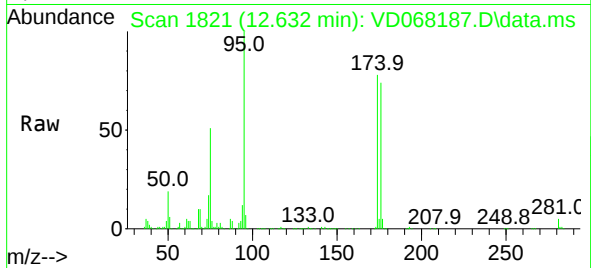




#76
1,2,3-Trichloropropane
Concen: 53.41 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 75 Resp: 183358
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 108.07 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068187.D
Acq: 26 Jan 2021 13:13

Tgt Ion: 75 Resp: 183358
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.1 40.3 60.5#

