

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
 Data File : VD068658.D
 Acq On : 18 Mar 2021 17:02
 Operator : VA/SY
 Sample : M1724-01
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 19 01:06:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 26 14:04:14 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	234503	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	451018	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	419978	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	189622	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	128083	54.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.34%
35) Dibromofluoromethane	7.920	113	145124	53.41	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.82%
50) Toluene-d8	10.344	98	548447	50.68	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.36%
62) 4-Bromofluorobenzene	12.632	95	172399	49.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.86%

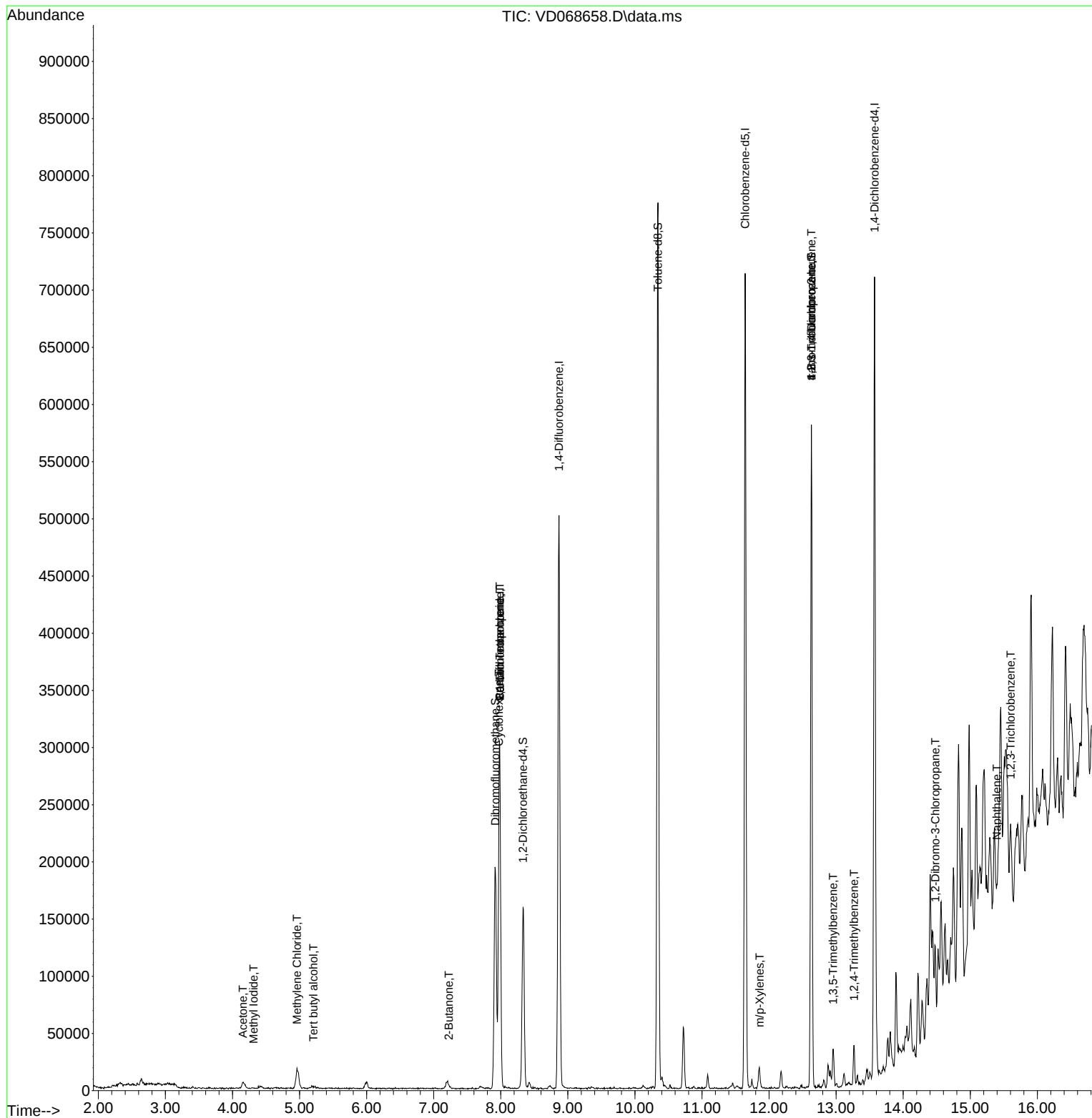
Target Compounds						Qvalue
10) Methyl Iodide	4.314	142	59	2.64	ug/l #	38
11) Tert butyl alcohol	5.209	59	492	3.93	ug/l #	74
16) Acetone	4.156	43	10628	28.56	ug/l	92
20) Methylene Chloride	4.962	84	14873	1.29	ug/l #	87
25) 2-Butanone	7.226	43	1825	3.41	ug/l #	85
31) Cyclohexane	7.973	56	5800	1.36	ug/l #	70
36) 1,1-Dichloropropene	7.985	75	17790	4.15	ug/l #	47
38) Carbon Tetrachloride	7.985	117	23685	5.88	ug/l #	16
68) m/p-Xylenes	11.861	106	5899	1.02	ug/l	95
76) 1,2,3-Trichloropropane	12.632	75	90741	53.90	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.955	105	13906	1.21	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.632	75	90741	125.79	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.267	105	19024	1.65	ug/l	90
92) 1,2-Dibromo-3-Chloropr...	14.479	75	488	1.14	ug/l #	1
95) Naphthalene	15.396	128	16191	2.18	ug/l #	88
96) 1,2,3-Trichlorobenzene	15.602	180	4494	1.26	ug/l #	12

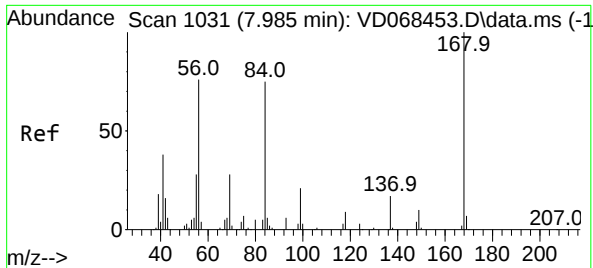
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031821\
Data File : VD068658.D
Acq On : 18 Mar 2021 17:02
Operator : VA/SY
Sample : M1724-01
Misc : 5.05G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 19 01:06:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration

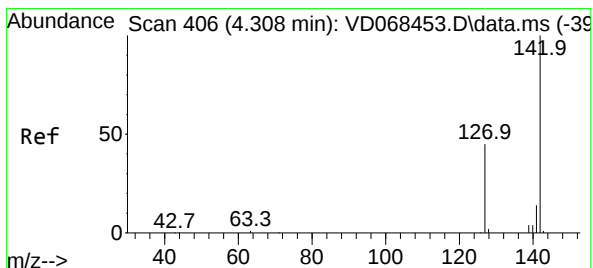
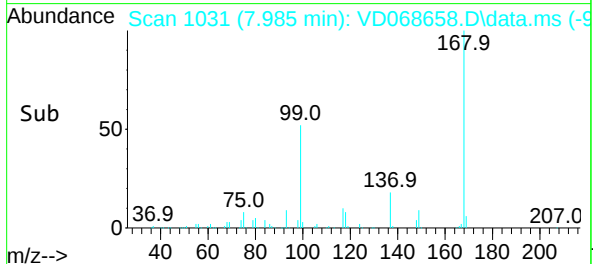
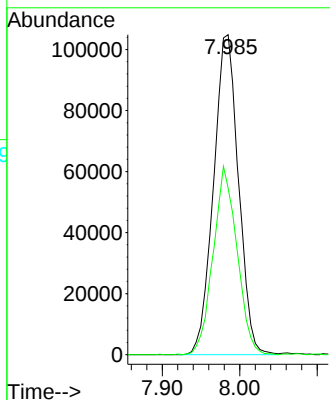
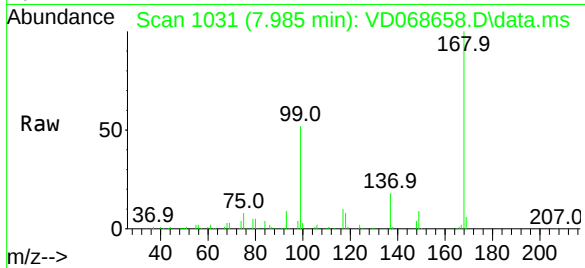




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

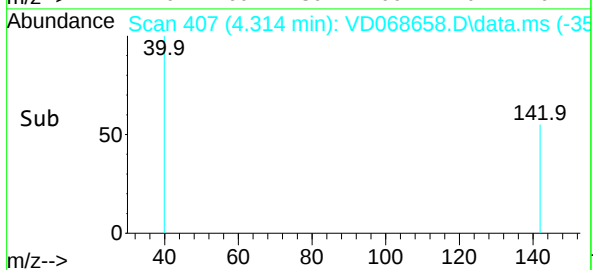
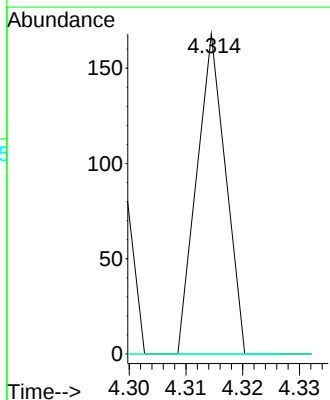
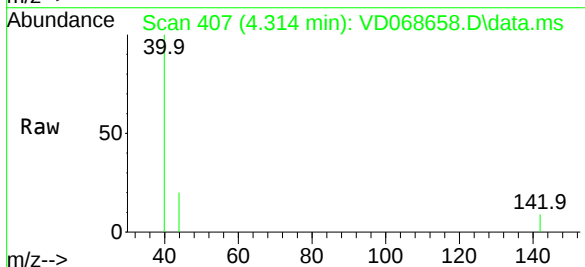
Instrument :
MSVOA_D
ClientSampled :

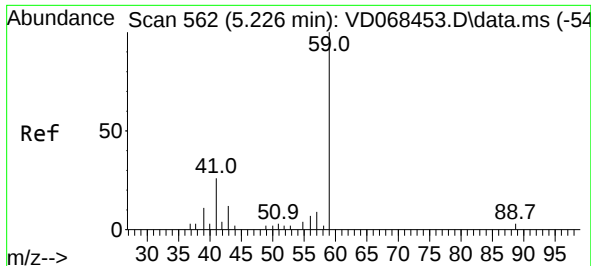
Tgt Ion:168 Resp: 234503
Ion Ratio Lower Upper
168 100
99 52.0 43.5 65.3



#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.006 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion:142 Resp: 59
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#



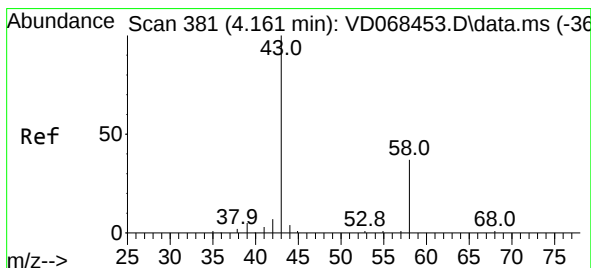
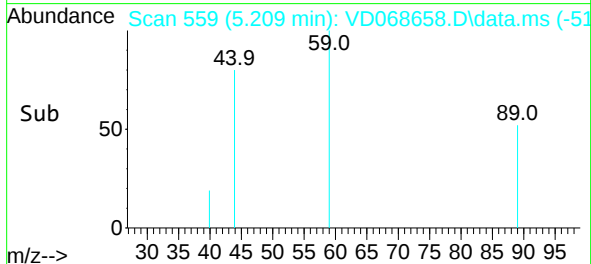
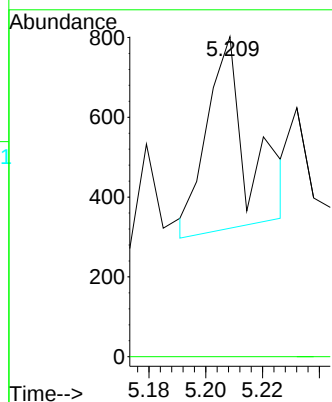
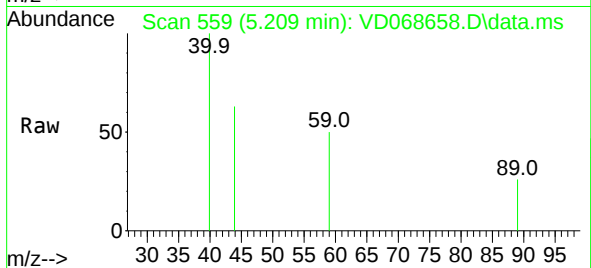


#11

Tert butyl alcohol
Concen: 3.93 ug/l
RT: 5.209 min Scan# 559
Delta R.T. -0.017 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Instrument :
MSVOA_D
ClientSampled :

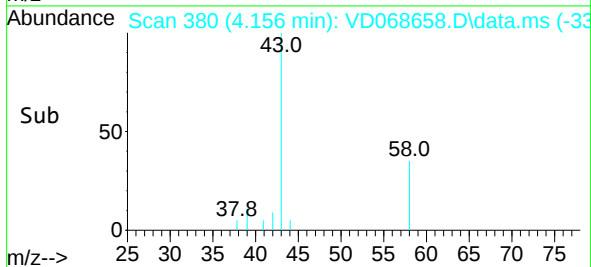
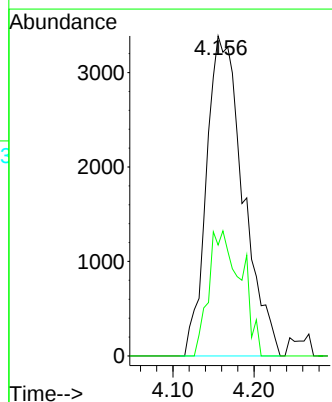
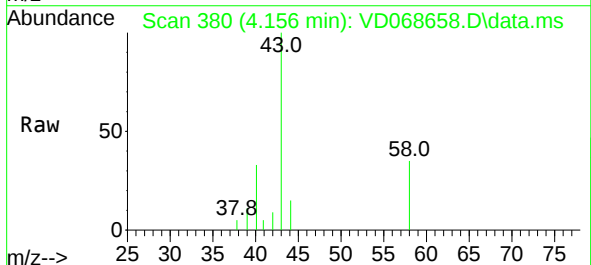
Tgt Ion: 59 Resp: 492
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#

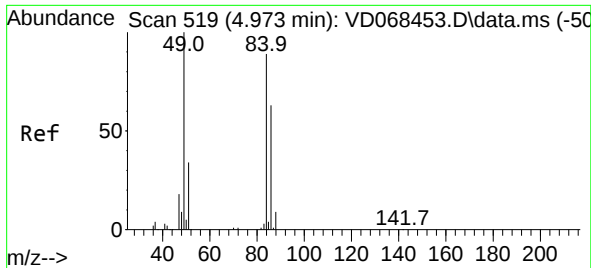


#16

Acetone
Concen: 28.56 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

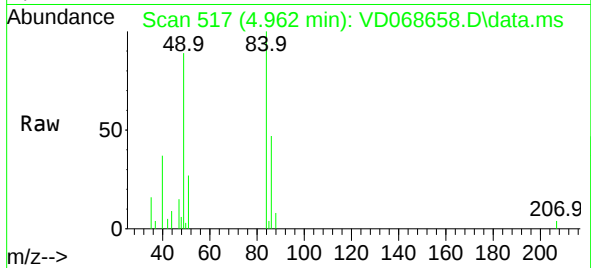
Tgt Ion: 43 Resp: 10628
Ion Ratio Lower Upper
43 100
58 34.6 24.2 36.4



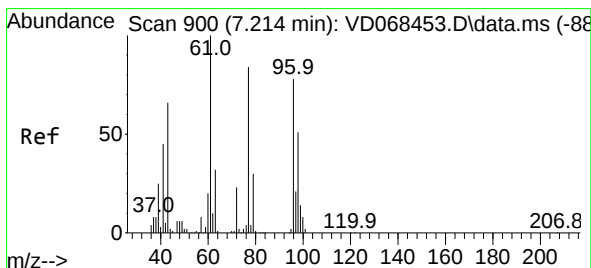
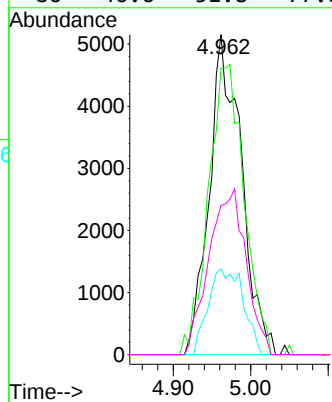
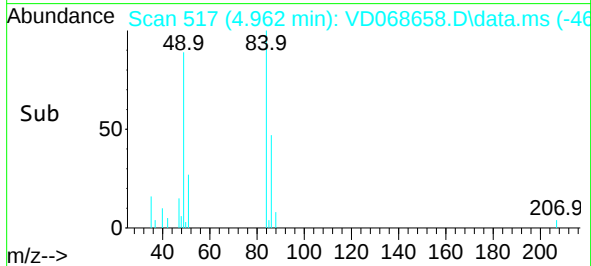


#20
Methylene Chloride
Concen: 1.29 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

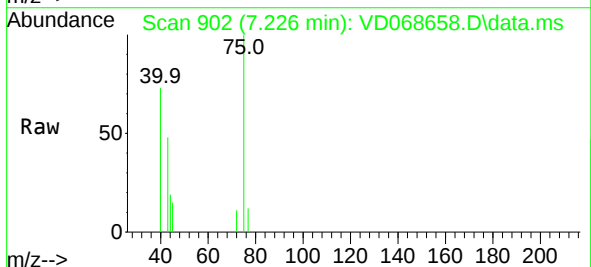
Instrument :
MSVOA_D
ClientSampleId :



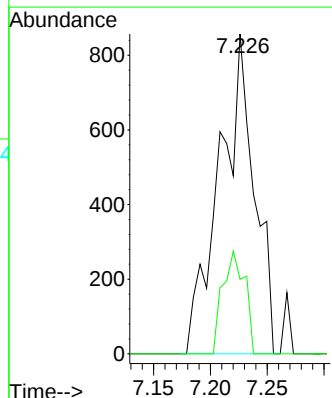
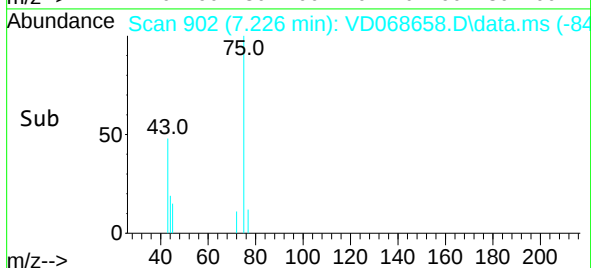
Tgt Ion: 84 Resp: 14873
Ion Ratio Lower Upper
84 100
49 89.4 77.4 116.2
51 26.9 26.1 39.1
86 46.6 51.8 77.8#

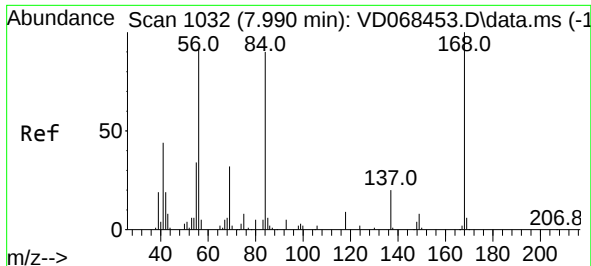


#25
2-Butanone
Concen: 3.41 ug/l
RT: 7.226 min Scan# 902
Delta R.T. 0.012 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02



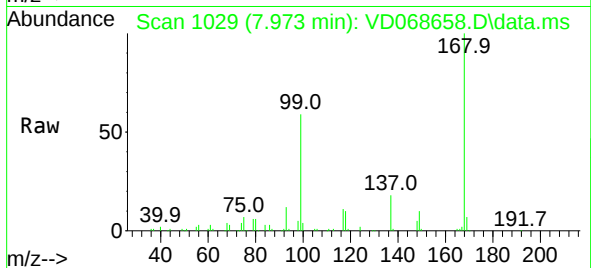
Tgt Ion: 43 Resp: 1825
Ion Ratio Lower Upper
43 100
72 23.3 25.1 37.7#



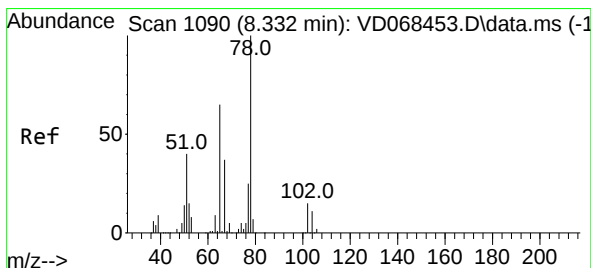
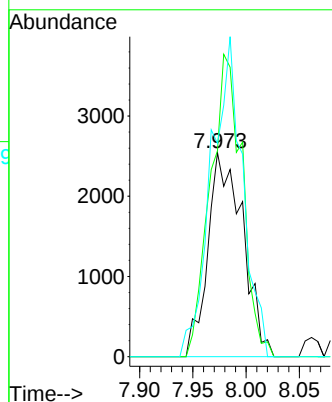
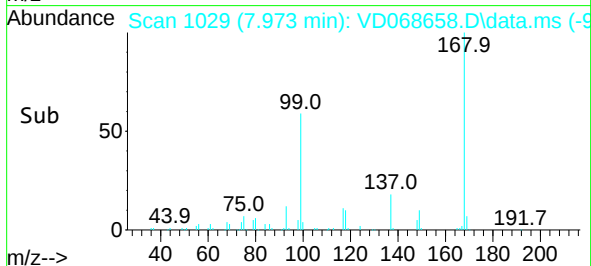


#31
Cyclohexane
Concen: 1.36 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

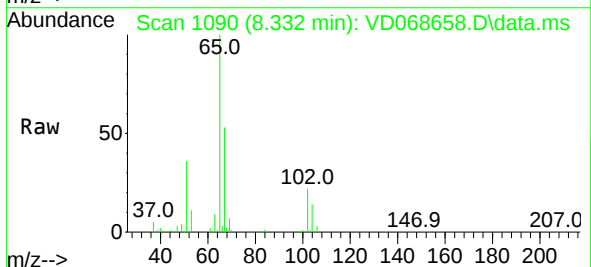
Instrument :
MSVOA_D
ClientSampleId :



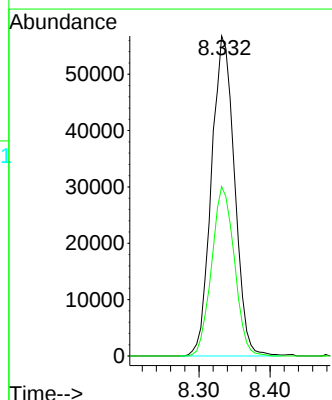
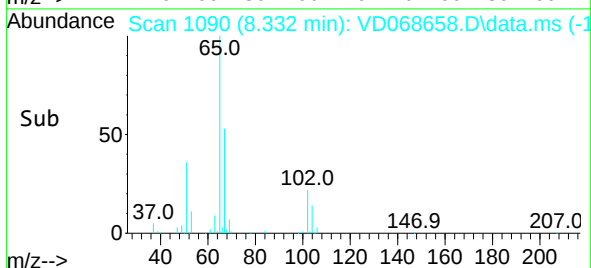
Tgt Ion: 56 Resp: 5800
Ion Ratio Lower Upper
56 100
69 101.0 30.1 45.1#
84 104.6 82.1 123.1

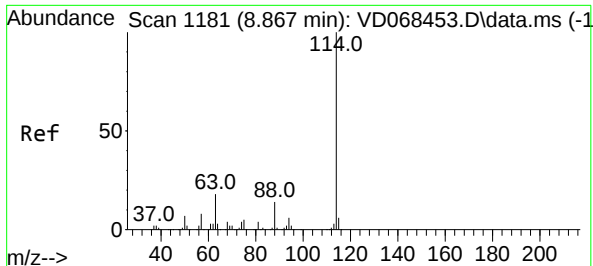


#33
1,2-Dichloroethane-d4
Concen: 54.67 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02



Tgt Ion: 65 Resp: 128083
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0

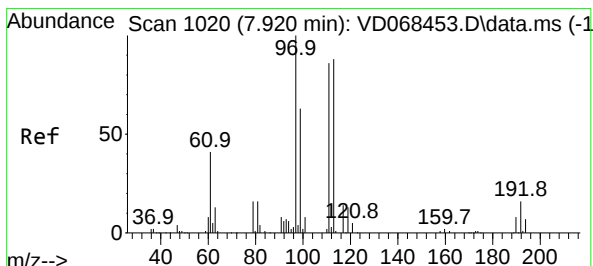
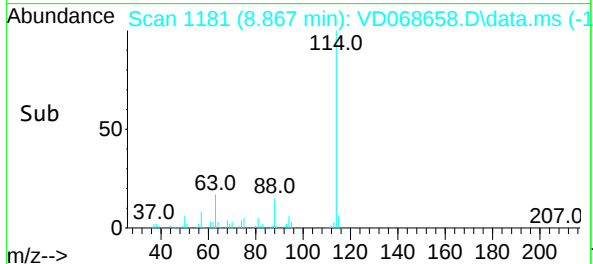
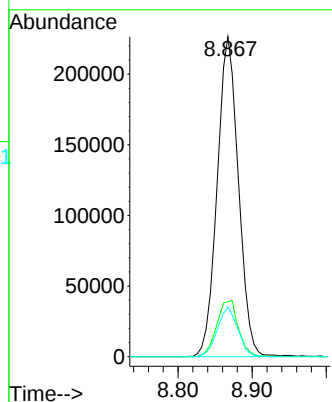
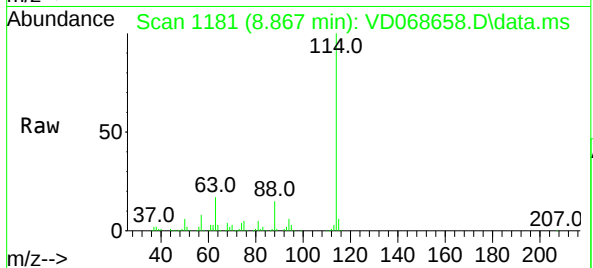




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

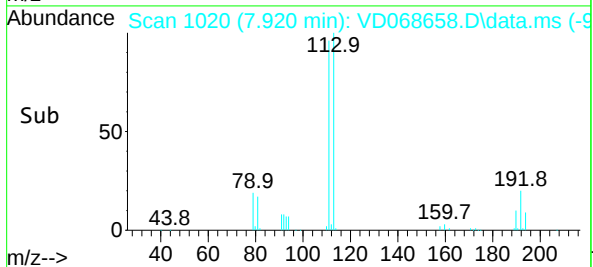
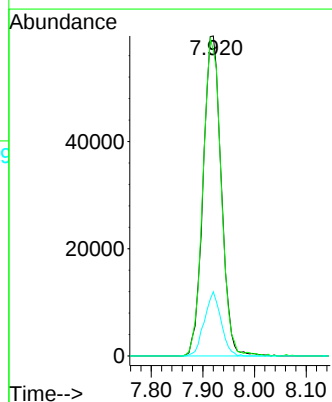
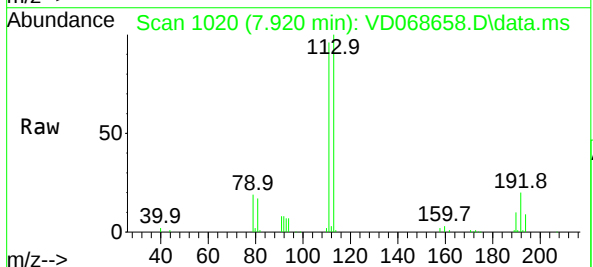
Instrument :
MSVOA_D
ClientSampleId :

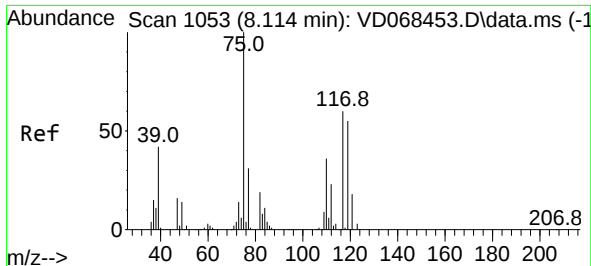
Tgt Ion:114 Resp: 451018
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 15.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 53.41 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion:113 Resp: 145124
Ion Ratio Lower Upper
113 100
111 99.5 81.4 122.0
192 18.5 16.1 24.1

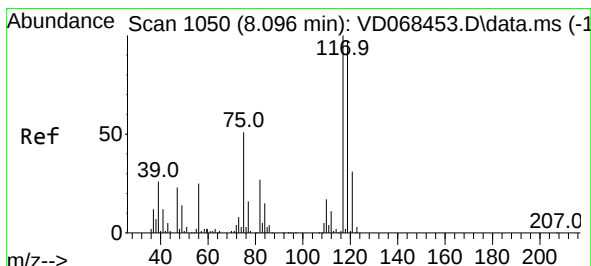
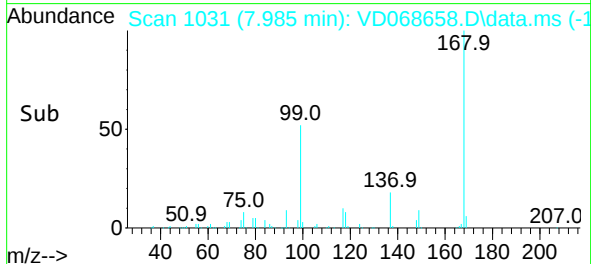
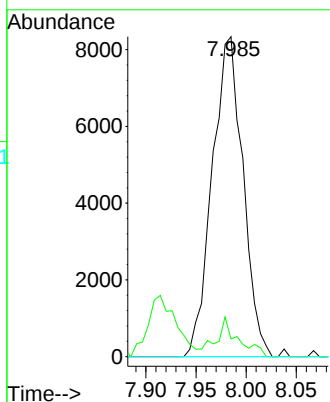
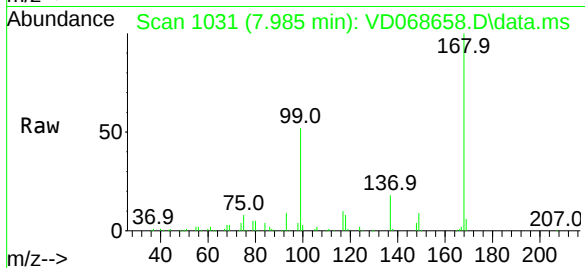




#36
1,1-Dichloropropene
Concen: 4.15 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

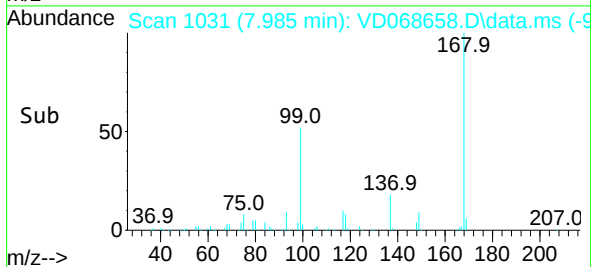
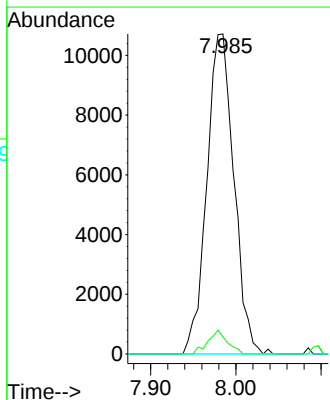
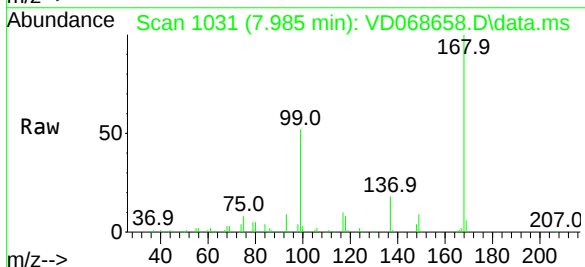
Instrument :
MSVOA_D
ClientSampleId :

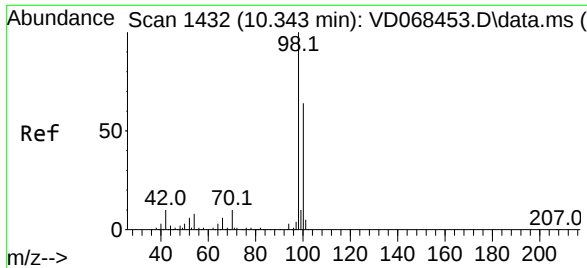
Tgt Ion: 75 Resp: 17790
Ion Ratio Lower Upper
75 100
110 8.8 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 5.88 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion: 117 Resp: 23685
Ion Ratio Lower Upper
117 100
119 5.3 77.3 115.9#
121 0.0 24.7 37.1#

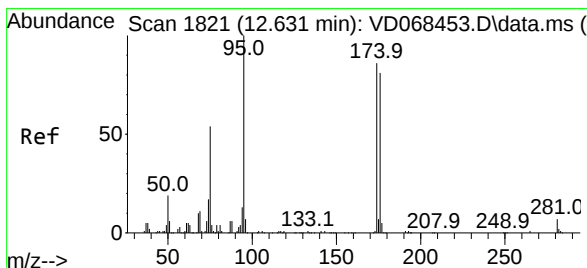
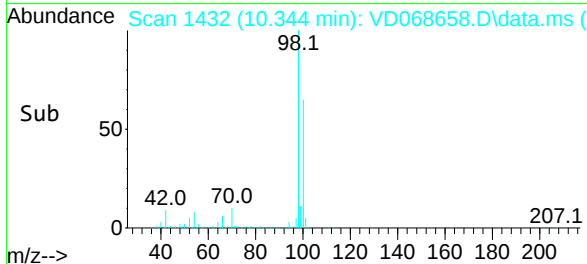
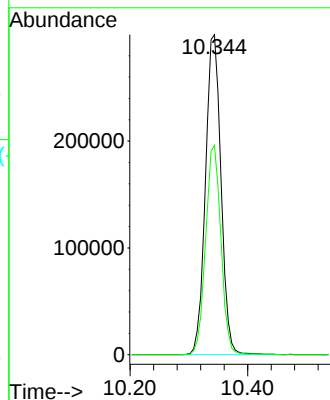
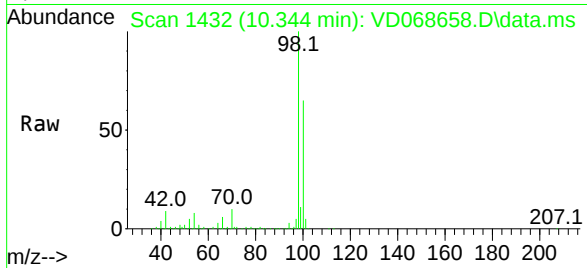




#50
Toluene-d8
Concen: 50.68 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

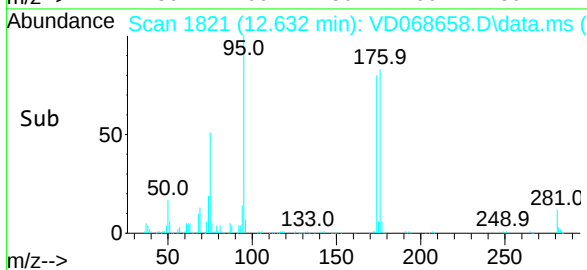
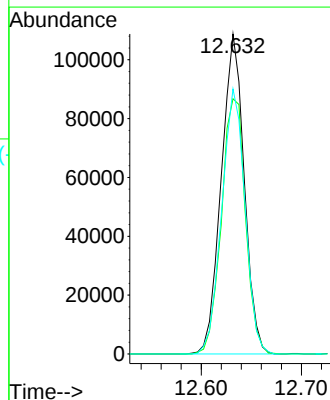
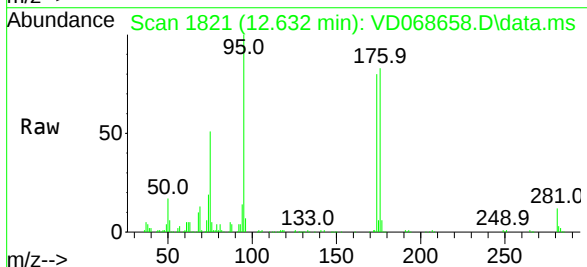
Instrument :
MSVOA_D
ClientSampled :

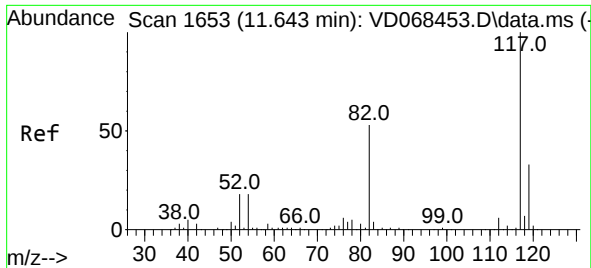
Tgt Ion: 98 Resp: 548447
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 49.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion: 95 Resp: 172399
Ion Ratio Lower Upper
95 100
174 83.7 0.0 172.4
176 84.2 0.0 168.4

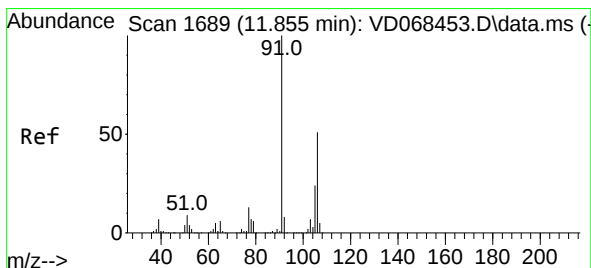
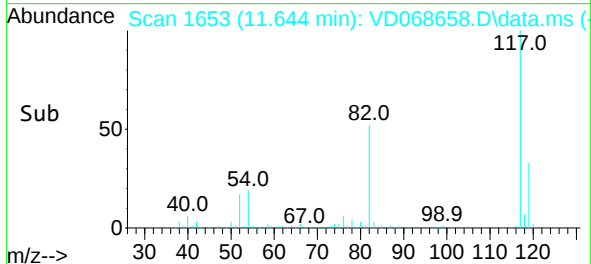
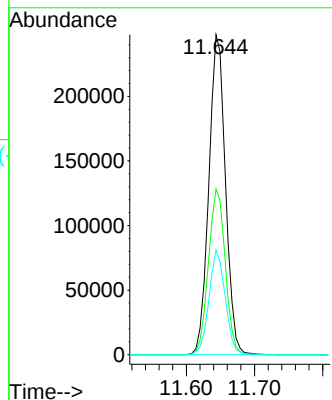
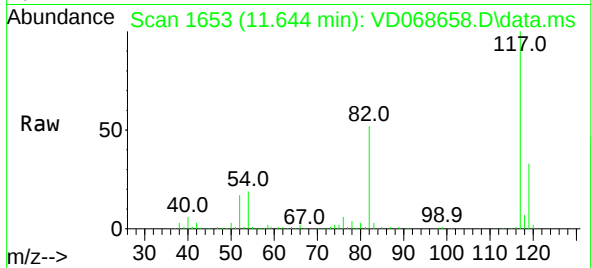




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

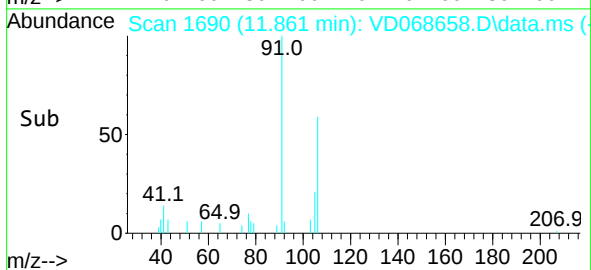
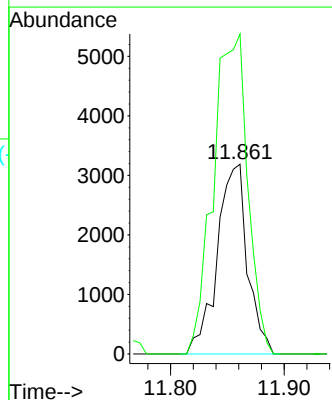
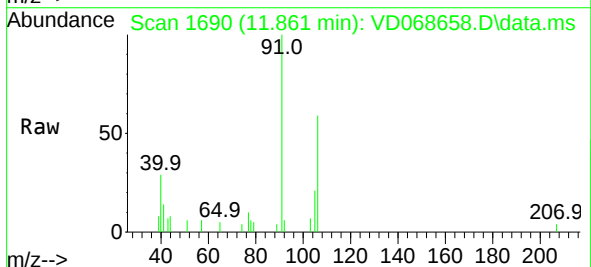
Instrument :
MSVOA_D
ClientSampleId :

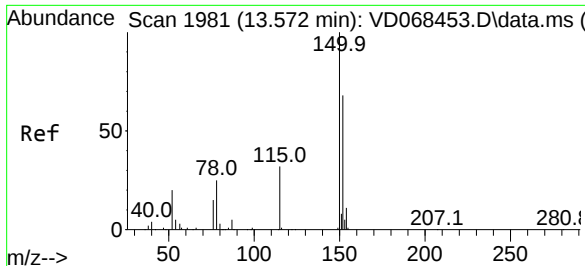
Tgt Ion:117 Resp: 419978
Ion Ratio Lower Upper
117 100
82 51.7 41.4 62.0
119 32.6 26.1 39.1



#68
m/p-Xylenes
Concen: 1.02 ug/l
RT: 11.861 min Scan# 1690
Delta R.T. 0.006 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion:106 Resp: 5899
Ion Ratio Lower Upper
106 100
91 191.8 159.1 238.7

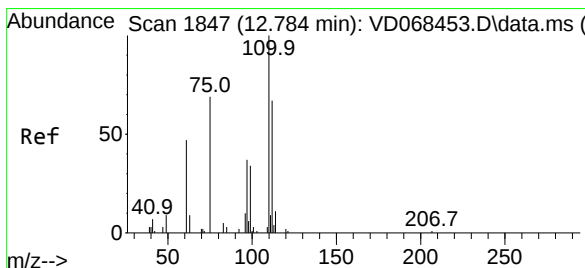
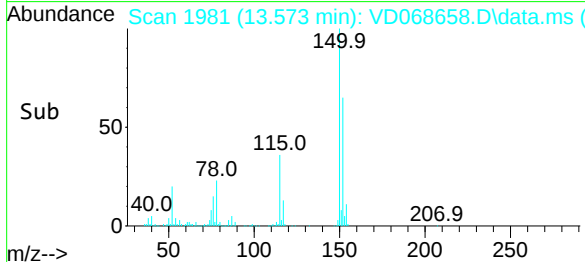
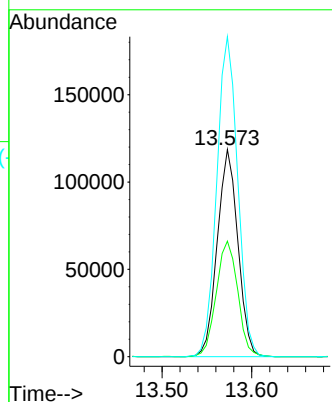
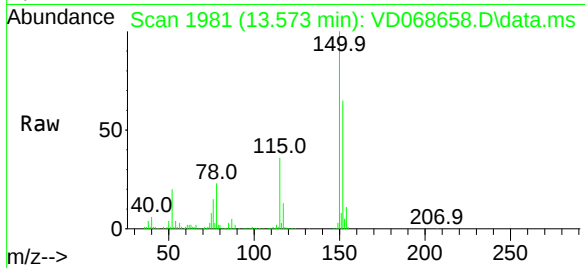




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

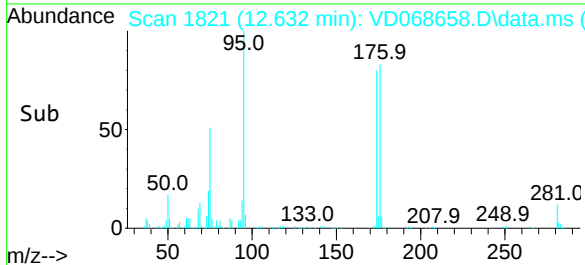
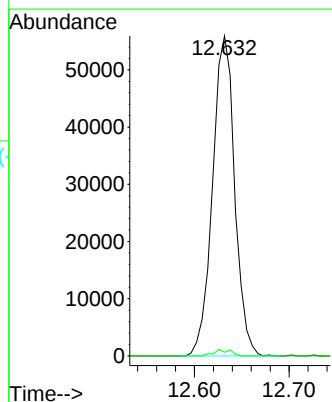
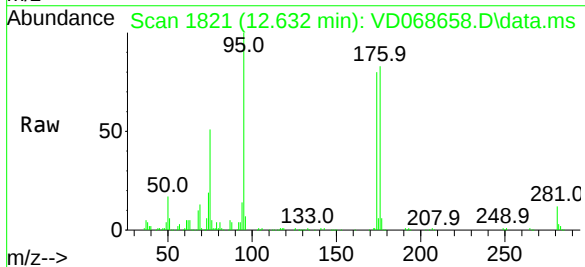
Instrument :
MSVOA_D
ClientSampled :

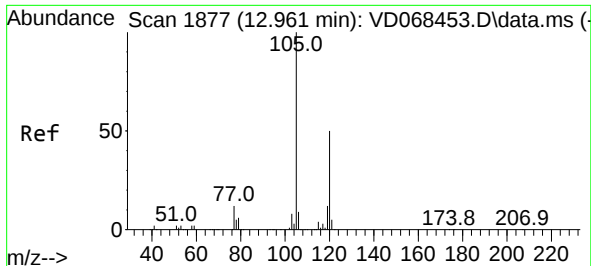
Tgt Ion:152 Resp: 189622
Ion Ratio Lower Upper
152 100
115 58.2 28.9 86.8
150 156.6 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 53.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion: 75 Resp: 90741
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#

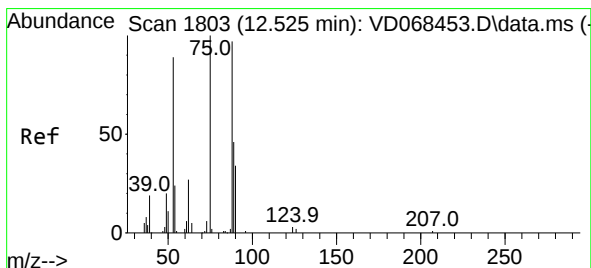
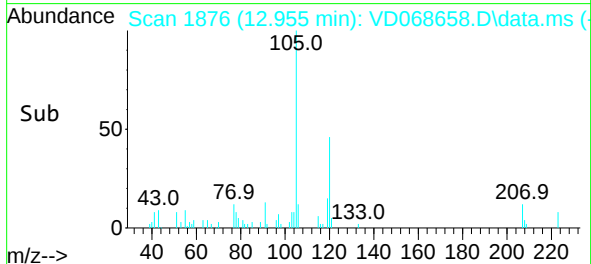
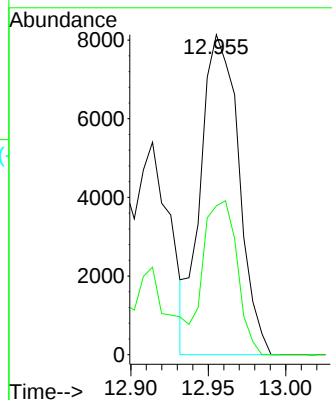
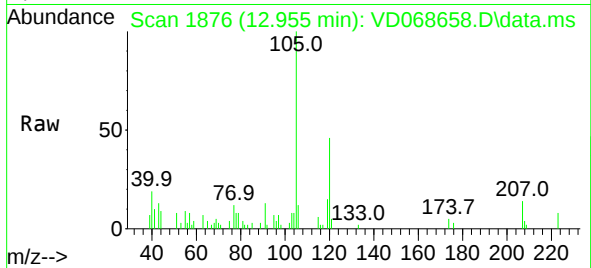




#80
1,3,5-Trimethylbenzene
Concen: 1.21 ug/l
RT: 12.955 min Scan# 1876
Delta R.T. -0.006 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

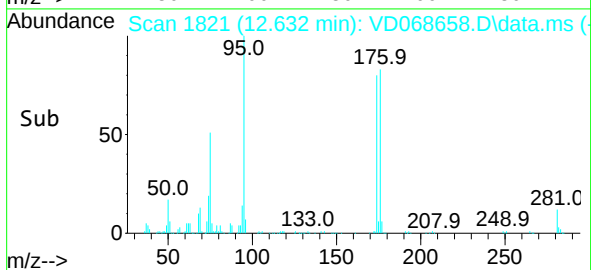
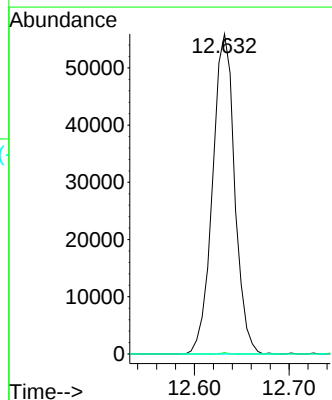
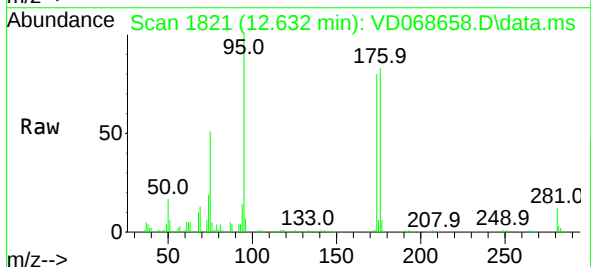
Instrument :
MSVOA_D
ClientSampleId :

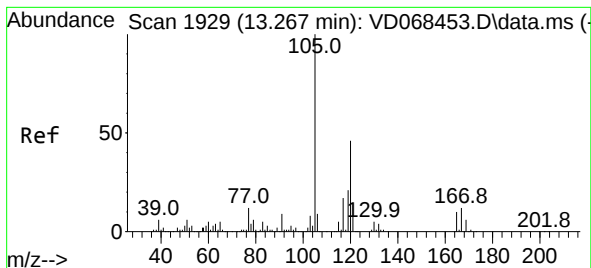
Tgt Ion:105 Resp: 13906
Ion Ratio Lower Upper
105 100
120 42.2 24.2 72.6



#81
trans-1,4-Dichloro-2-butene
Concen: 125.79 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion: 75 Resp: 90741
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#

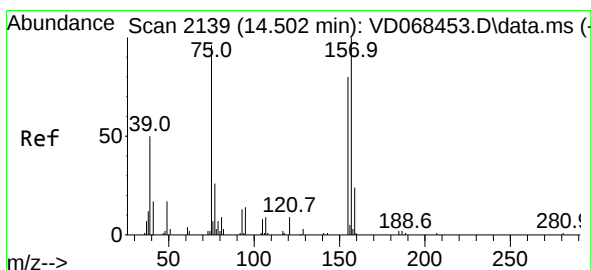
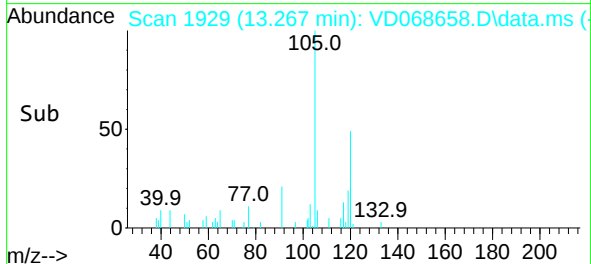
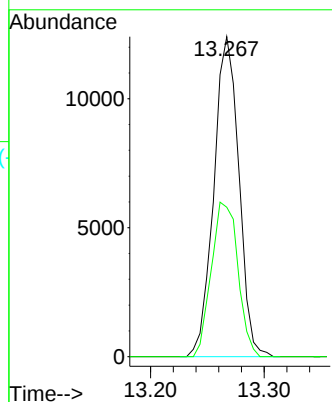
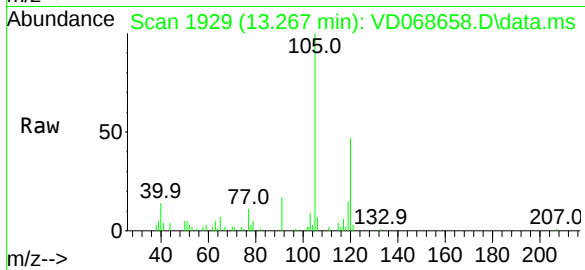




#84
1,2,4-Trimethylbenzene
Concen: 1.65 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

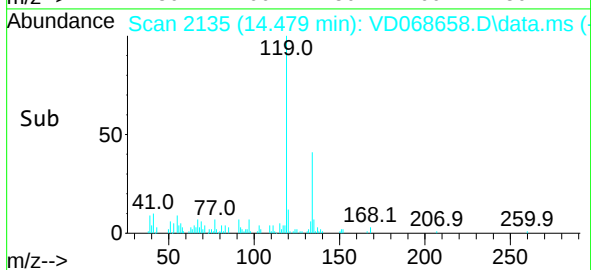
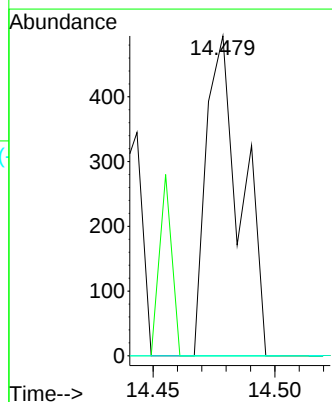
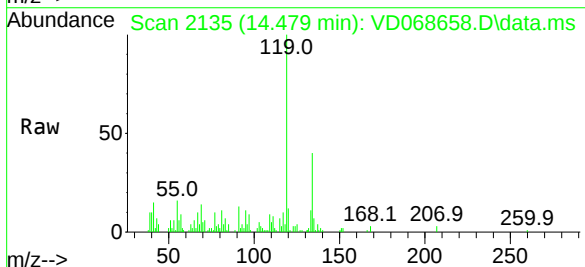
Instrument :
MSVOA_D
ClientSampled :

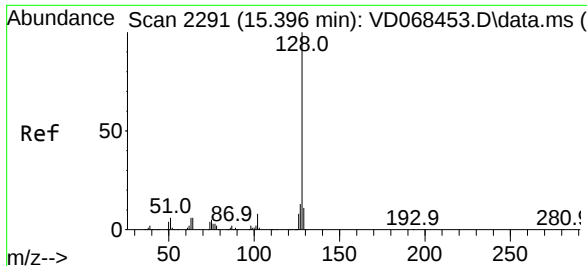
Tgt Ion:105 Resp: 19024
Ion Ratio Lower Upper
105 100
120 51.1 22.4 67.0



#92
1,2-Dibromo-3-Chloropropane
Concen: 1.14 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.023 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion: 75 Resp: 488
Ion Ratio Lower Upper
75 100
155 0.0 48.0 144.2#
157 0.0 65.0 194.8#

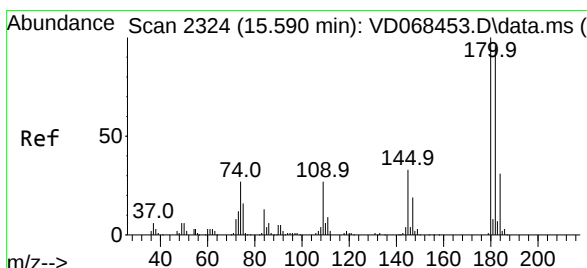
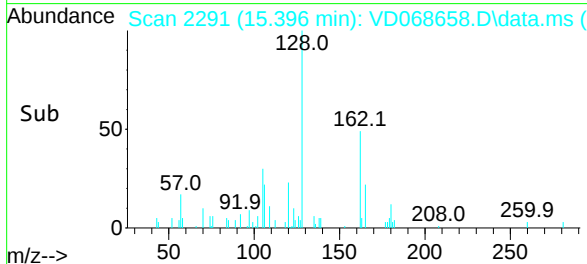
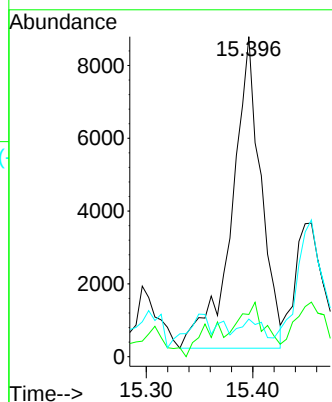
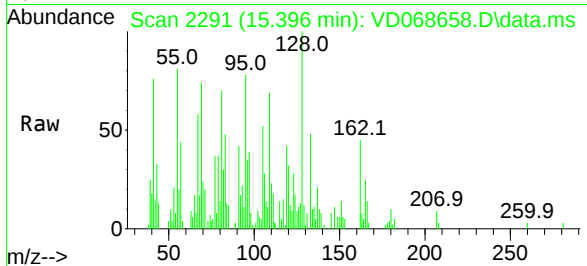




#95
Naphthalene
Concen: 2.18 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:128 Resp: 16191
Ion Ratio Lower Upper
128 100
127 10.5 10.2 15.2
129 3.6 8.8 13.2#



#96
1,2,3-Trichlorobenzene
Concen: 1.26 ug/l
RT: 15.602 min Scan# 2326
Delta R.T. 0.012 min
Lab File: VD068658.D
Acq: 18 Mar 2021 17:02

Tgt Ion:180 Resp: 4494
Ion Ratio Lower Upper
180 100
182 0.0 48.3 144.8#
145 0.0 16.7 50.1#

