

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
 Data File : VD068466.D
 Acq On : 26 Feb 2021 19:45
 Operator : VA/SY
 Sample : M1518-03
 Misc : 9.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-3

Quant Time: Feb 26 21:50:39 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)

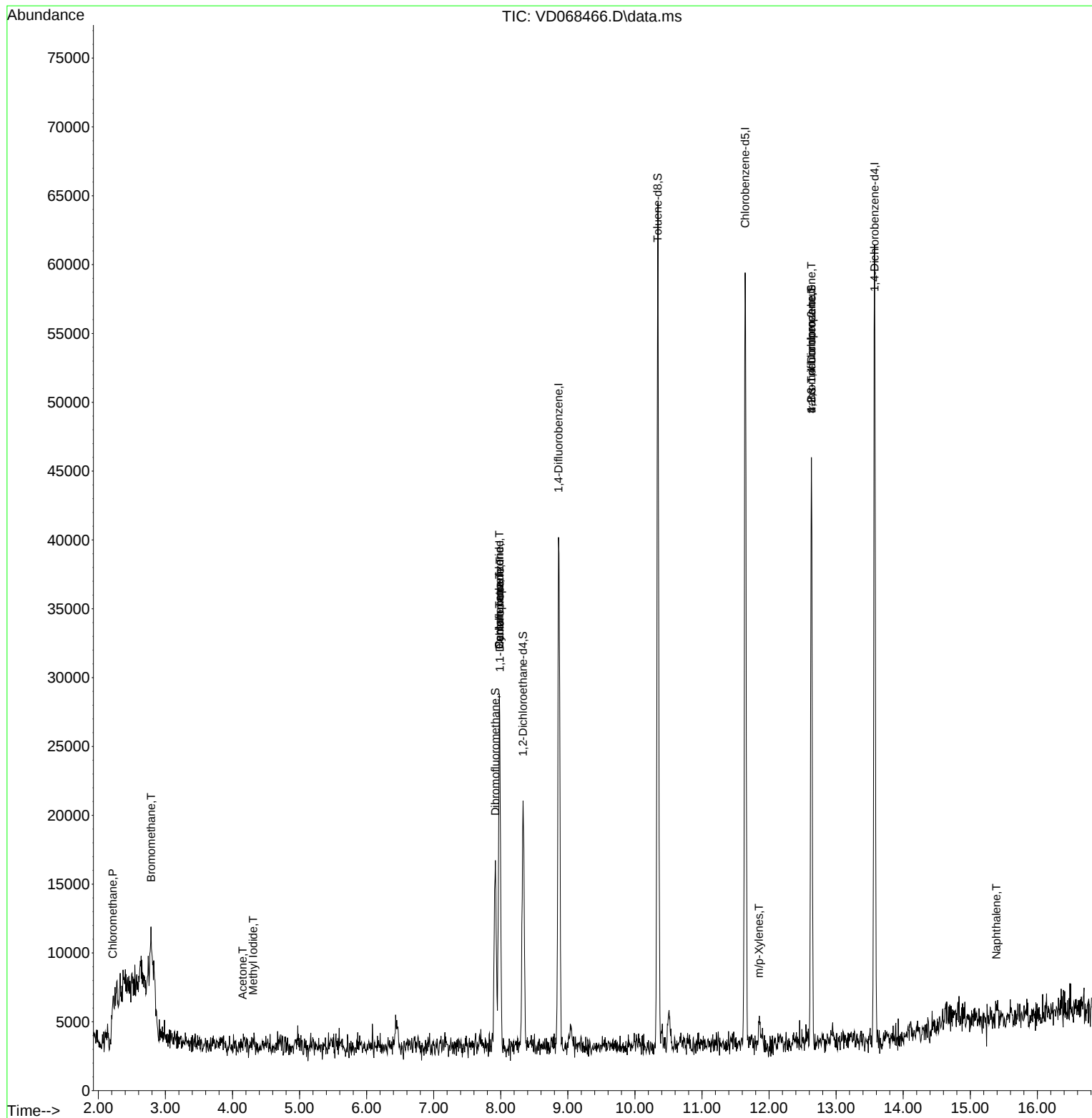
Internal Standards						
1) Pentafluorobenzene	7.979	168	19023	50.00	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.861	114	34269	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	35138	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	16418	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14412	75.83	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	151.66%		
35) Dibromofluoromethane	7.920	113	9713	47.05	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.10%		
50) Toluene-d8	10.338	98	41541	50.52	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.04%		
62) 4-Bromofluorobenzene	12.632	95	14363	54.20	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	108.40%		
Target Compounds						Qvalue
3) Chloromethane	2.215	50	664	2.85	ug/l	# 7
5) Bromomethane	2.785	94	1956	9.92	ug/l	95
10) Methyl Iodide	4.309	142	463	4.52	ug/l	# 80
16) Acetone	4.150	43	140	4.64	ug/l	# 44
20) Methylene Chloride	4.973	84	574	Below Cal	#	55
31) Cyclohexane	7.979	56	707	2.05	ug/l	# 71
36) 1,1-Dichloropropene	7.985	75	1413	4.34	ug/l	# 39
38) Carbon Tetrachloride	7.979	117	1959	6.40	ug/l	# 12
68) m/p-Xylenes	11.849	106	500	1.03	ug/l	# 33
76) 1,2,3-Trichloropropane	12.632	75	7315	50.19	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.632	75	7315	117.12	ug/l	# 13
95) Naphthalene	15.390	128	1633	2.54	ug/l	# 74

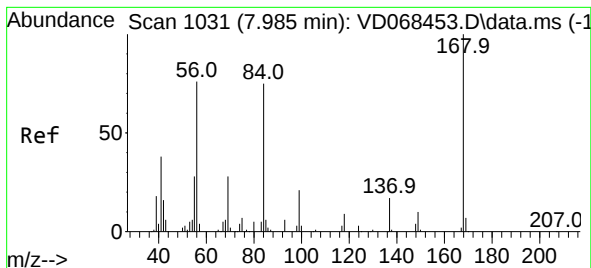
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022621\
Data File : VD068466.D
Acq On : 26 Feb 2021 19:45
Operator : VA/SY
Sample : M1518-03
Misc : 9.87G/5.00ml/MSVOA_D/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-3

Quant Time: Feb 26 21:50:39 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

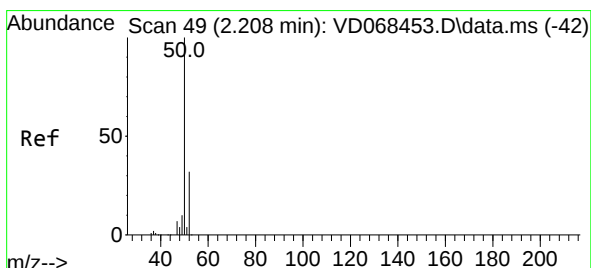
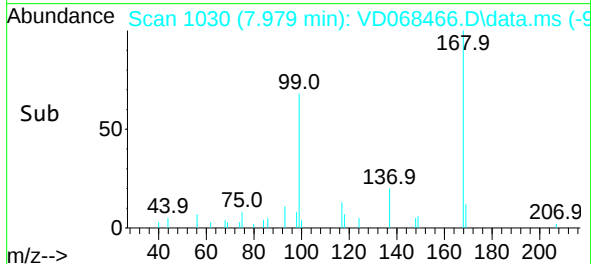
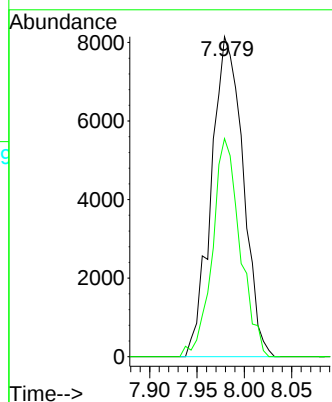
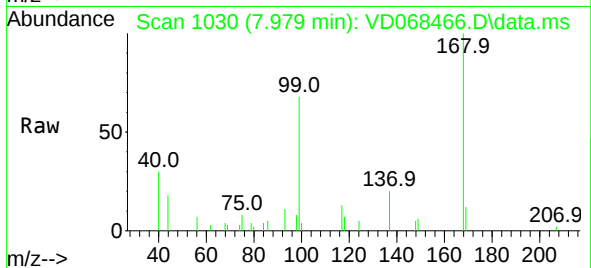




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

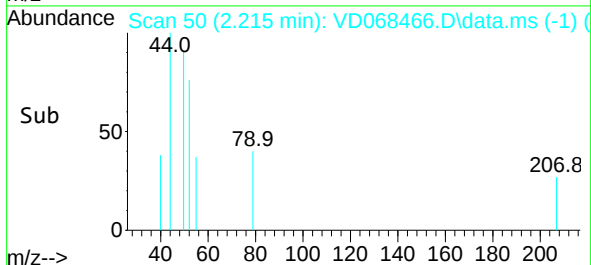
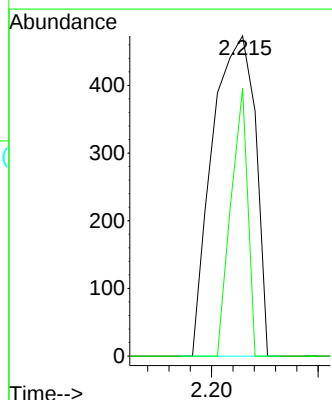
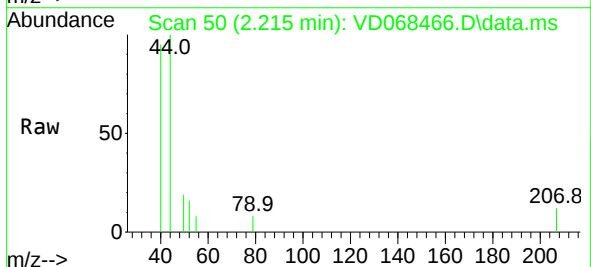
Instrument :
MSVOA_D
ClientSampled :
SB-3

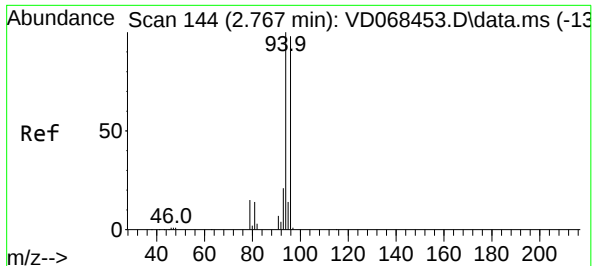
Tgt Ion:168 Resp: 19023
Ion Ratio Lower Upper
168 100
99 68.2 43.5 65.3#



#3
Chloromethane
Concen: 2.85 ug/l
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 50 Resp: 664
Ion Ratio Lower Upper
50 100
52 83.7 25.4 38.2#

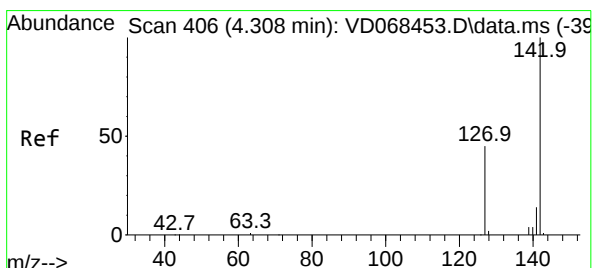
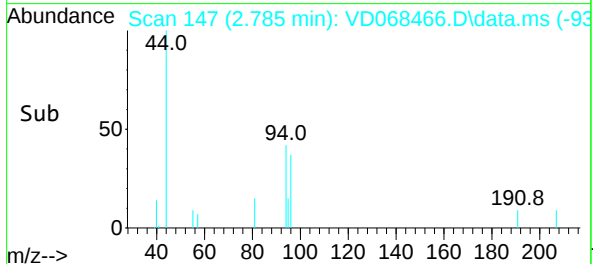
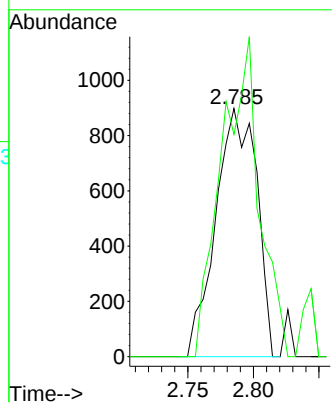
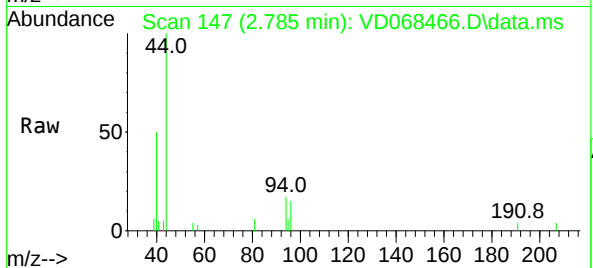




#5
Bromomethane
Concen: 9.92 ug/l
RT: 2.785 min Scan# 147
Delta R.T. 0.018 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

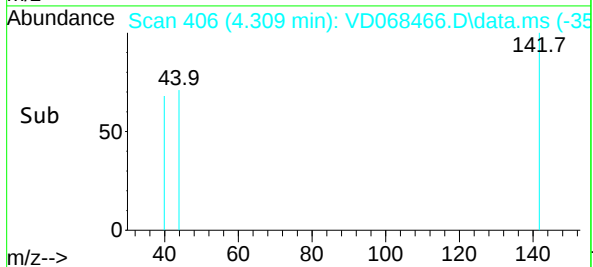
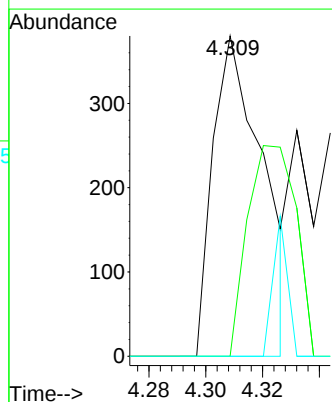
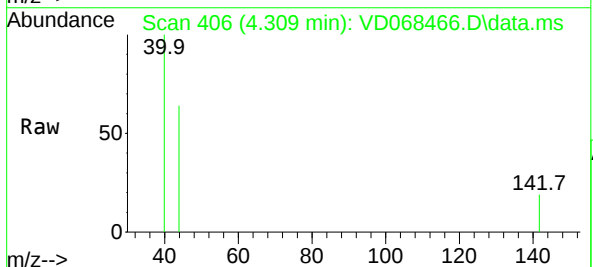
Instrument :
MSVOA_D
ClientSampled :
SB-3

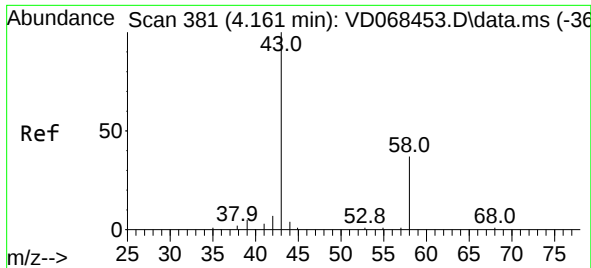
Tgt Ion: 94 Resp: 1956
Ion Ratio Lower Upper
94 100
96 89.5 75.8 113.8



#10
Methyl Iodide
Concen: 4.52 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 142 Resp: 463
Ion Ratio Lower Upper
142 100
127 63.7 37.9 56.9#
141 12.7 11.5 17.3

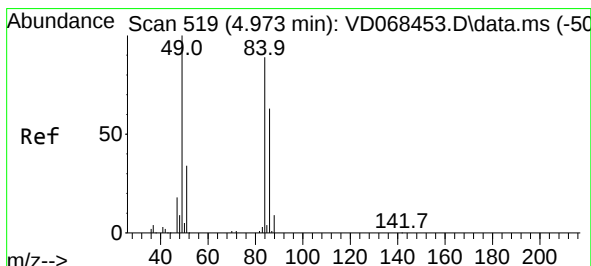
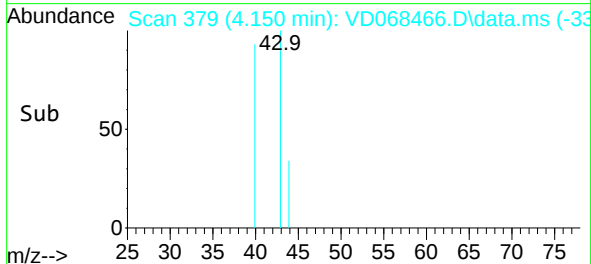
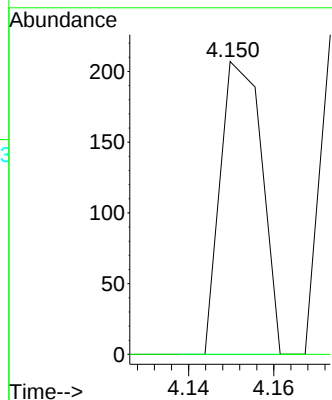
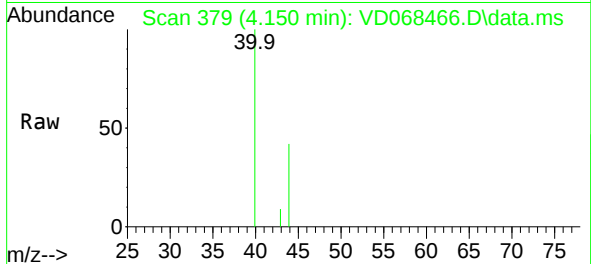




#16
Acetone
Concen: 4.64 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

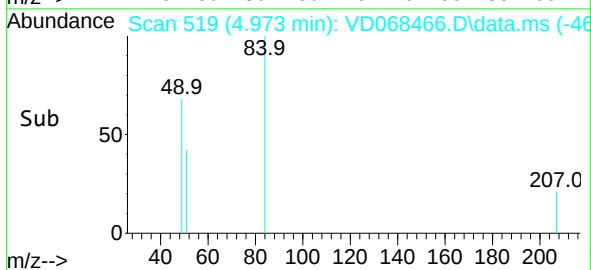
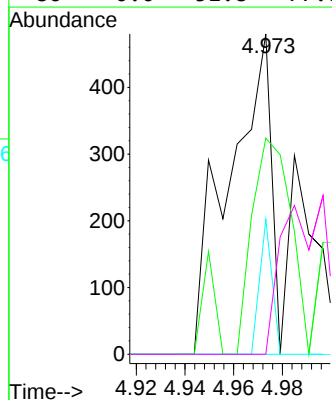
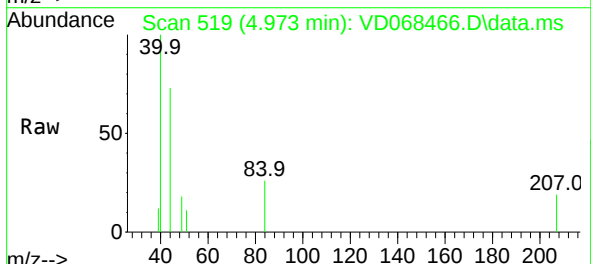
Instrument :
MSVOA_D
ClientSampled :
SB-3

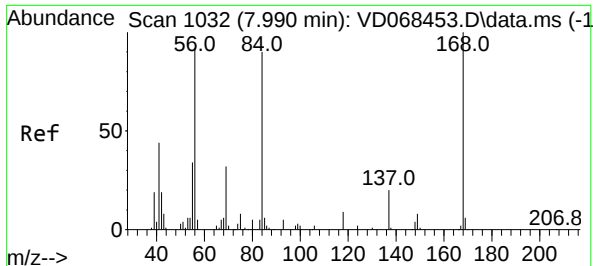
Tgt Ion: 43 Resp: 140
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 84 Resp: 574
Ion Ratio Lower Upper
84 100
49 67.5 77.4 116.2#
51 42.1 26.1 39.1#
86 0.0 51.8 77.8#

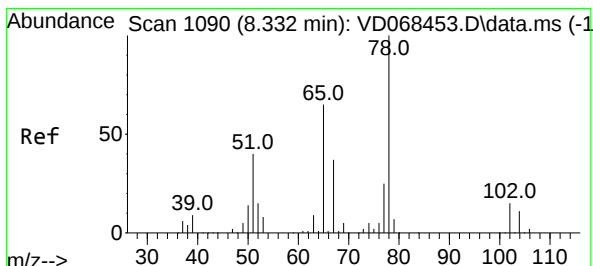
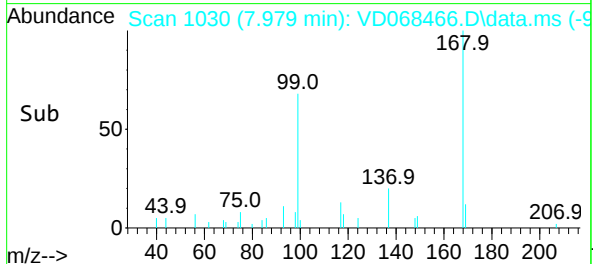
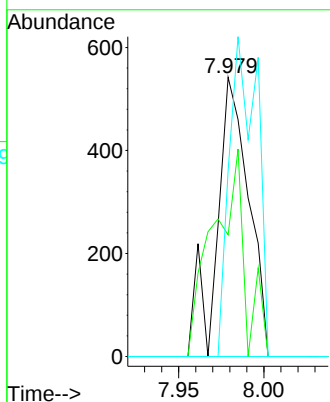
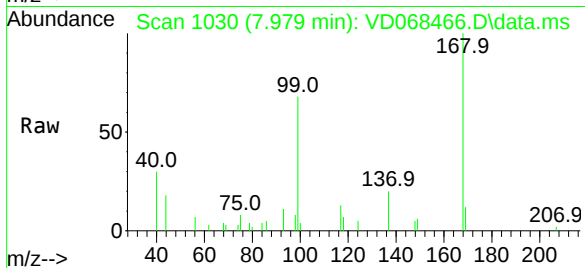




#31
Cyclohexane
Concen: 2.05 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

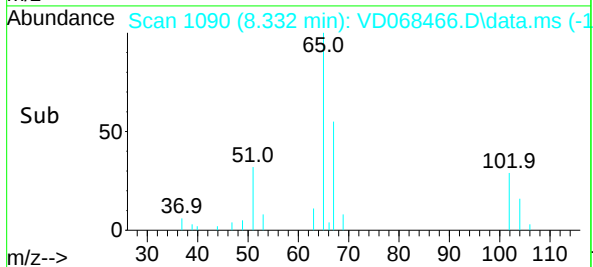
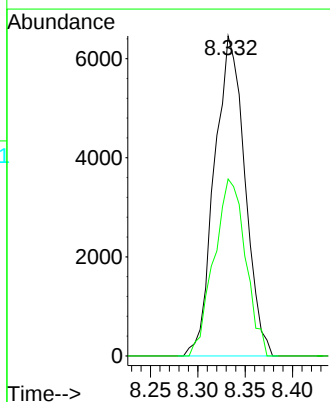
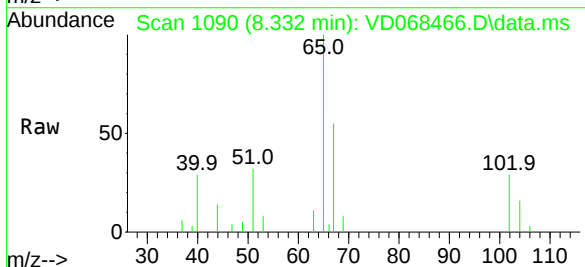
Instrument :
MSVOA_D
ClientSampled :
SB-3

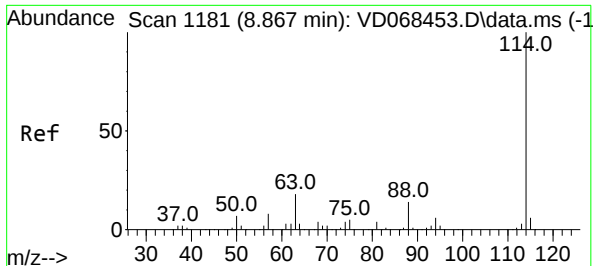
Tgt Ion: 56 Resp: 707
Ion Ratio Lower Upper
56 100
69 43.5 30.1 45.1
84 66.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 75.83 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 65 Resp: 14412
Ion Ratio Lower Upper
65 100
67 57.5 0.0 105.0

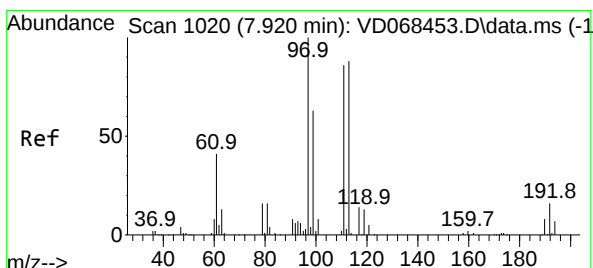
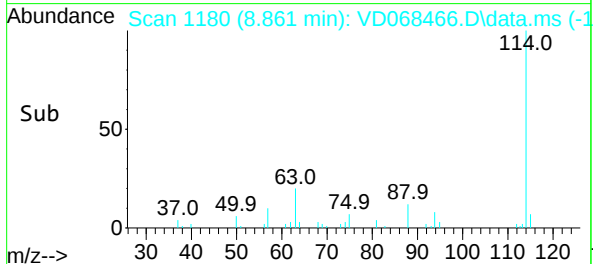
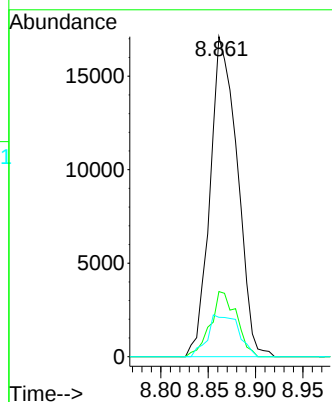
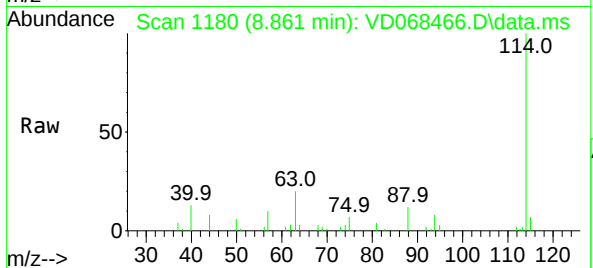




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

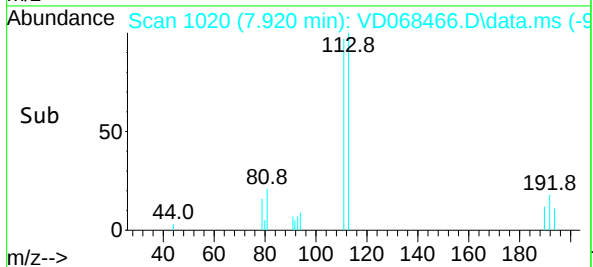
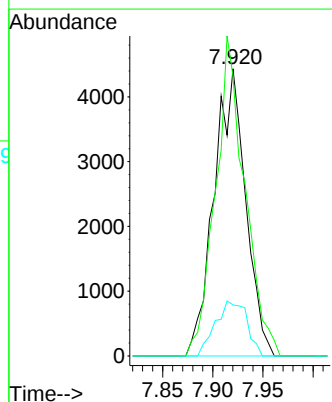
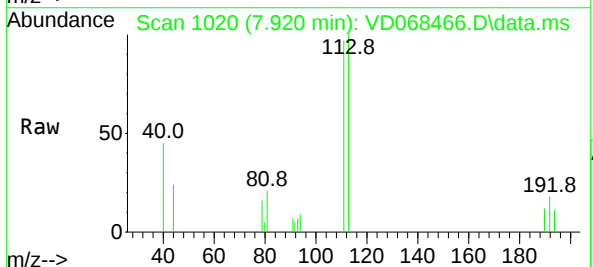
Instrument :
MSVOA_D
ClientSampled :
SB-3

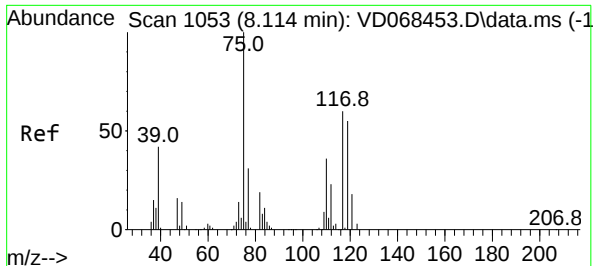
Tgt Ion:	114	Resp:	34269
Ion Ratio	Lower	Upper	
114	100		
63	20.4	0.0	34.8
88	12.3	0.0	31.6



#35
Dibromofluoromethane
Concen: 47.05 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion:	113	Resp:	9713
Ion Ratio	Lower	Upper	
113	100		
111	103.2	81.4	122.0
192	19.0	16.1	24.1

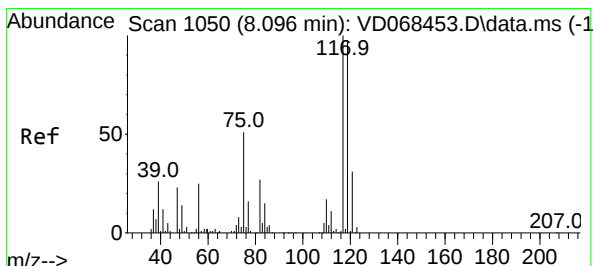
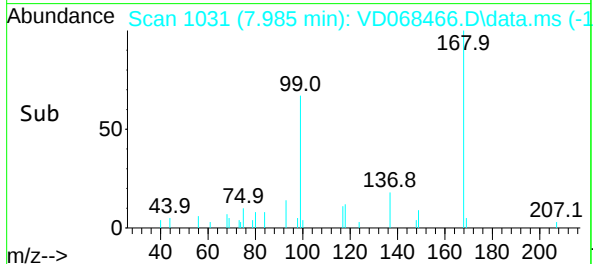
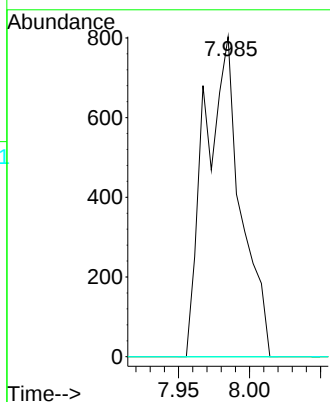
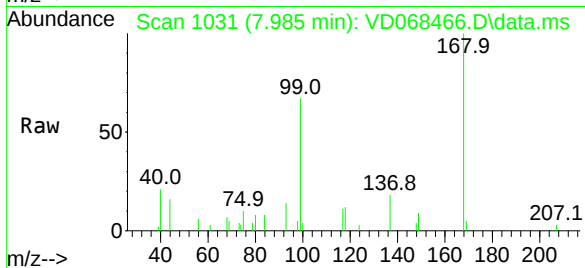




#36
1,1-Dichloropropene
Concen: 4.34 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

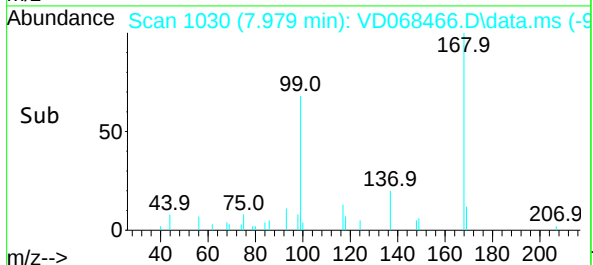
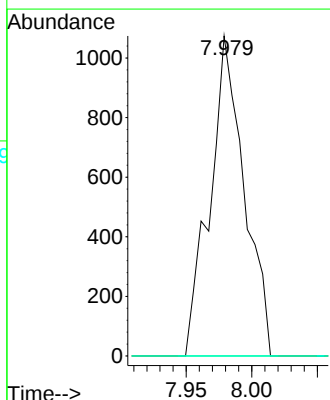
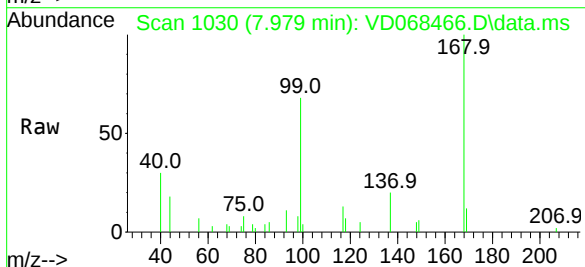
Instrument :
MSVOA_D
ClientSampled :
SB-3

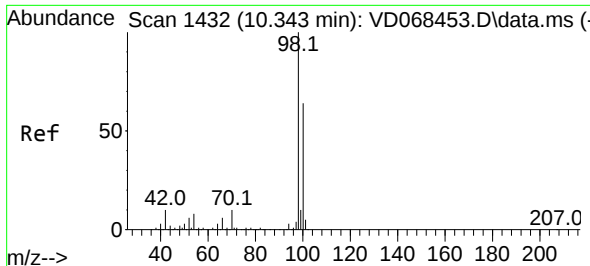
Tgt Ion: 75 Resp: 1413
Ion Ratio Lower Upper
75 100
110 0.0 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.40 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 117 Resp: 1959
Ion Ratio Lower Upper
117 100
119 0.0 77.3 115.9#
121 0.0 24.7 37.1#

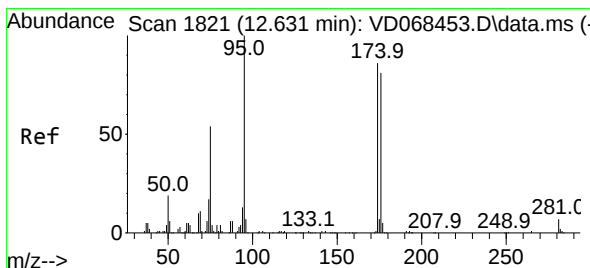
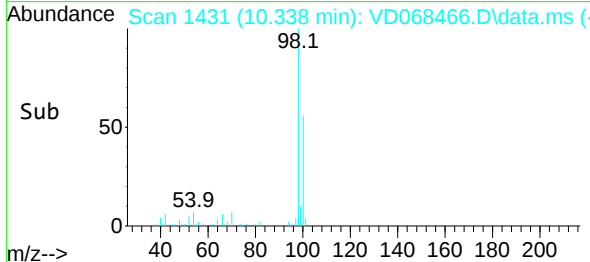
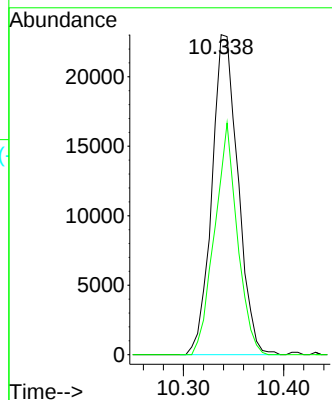
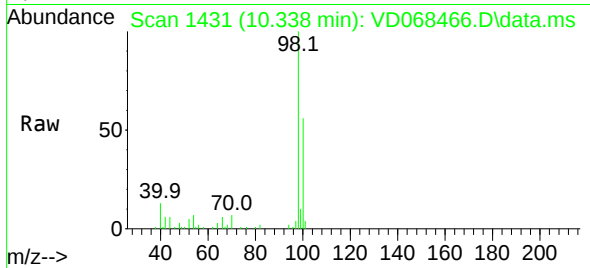




#50
Toluene-d8
Concen: 50.52 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

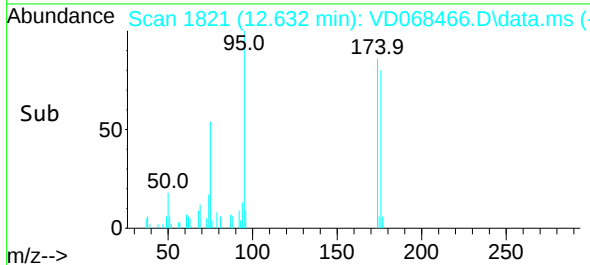
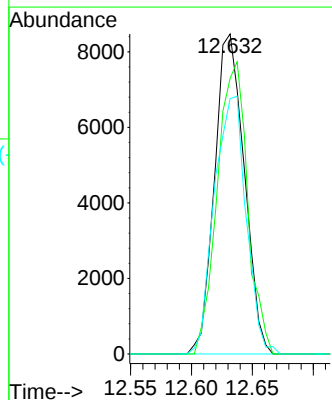
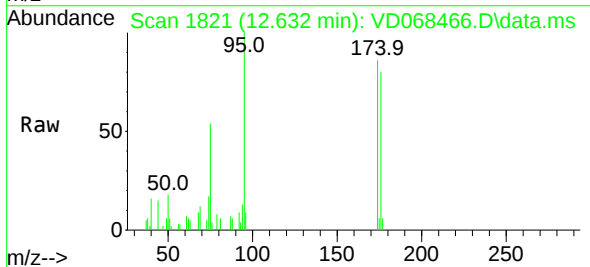
Instrument :
MSVOA_D
ClientSampled :
SB-3

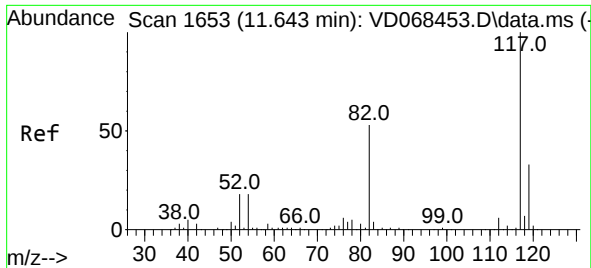
Tgt Ion: 98 Resp: 41541
Ion Ratio Lower Upper
98 100
100 63.2 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 54.20 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 95 Resp: 14363
Ion Ratio Lower Upper
95 100
174 92.8 0.0 172.4
176 86.2 0.0 168.4

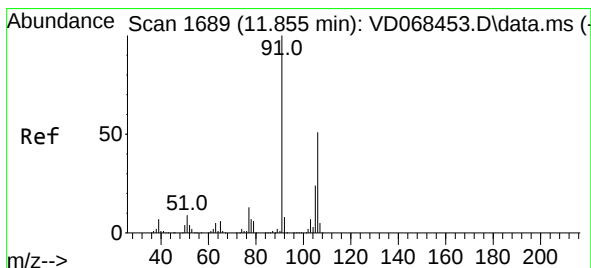
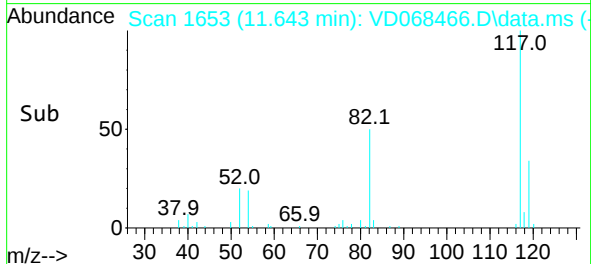
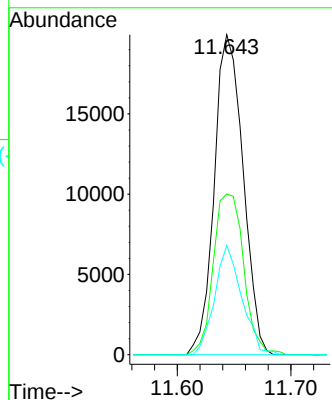
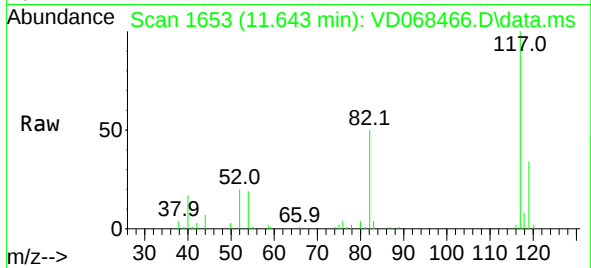




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

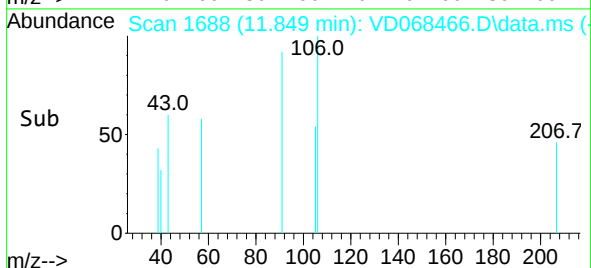
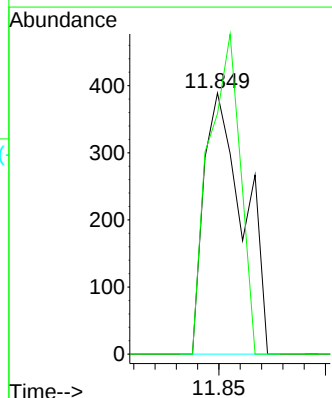
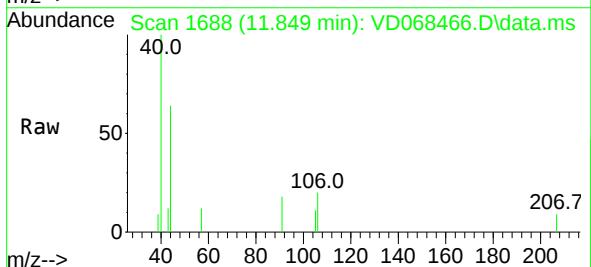
Instrument :
MSVOA_D
ClientSampled :
SB-3

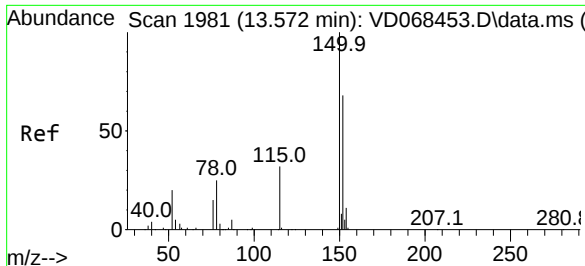
Tgt Ion:117 Resp: 35138
Ion Ratio Lower Upper
117 100
82 50.3 41.4 62.0
119 34.1 26.1 39.1



#68
m/p-Xylenes
Concen: 1.03 ug/l
RT: 11.849 min Scan# 1688
Delta R.T. -0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion:106 Resp: 500
Ion Ratio Lower Upper
106 100
91 97.4 159.1 238.7#

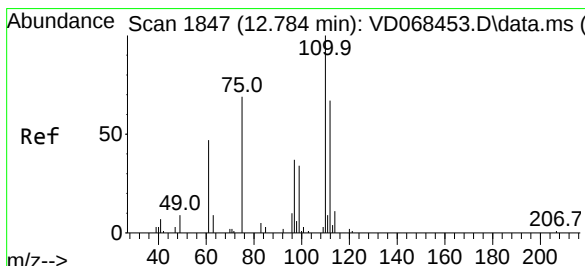
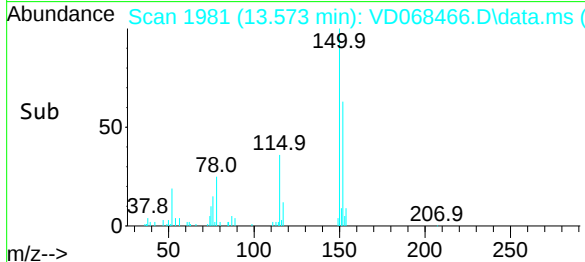
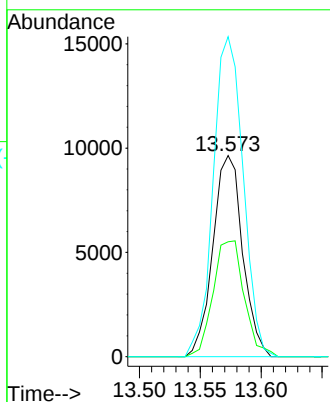
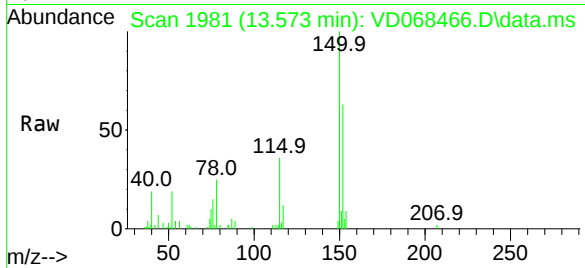




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

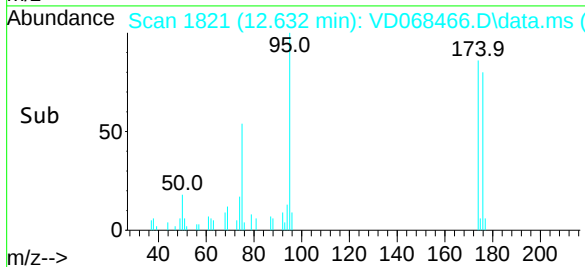
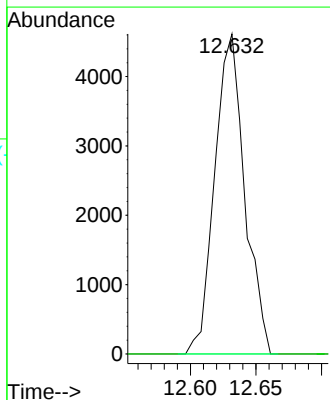
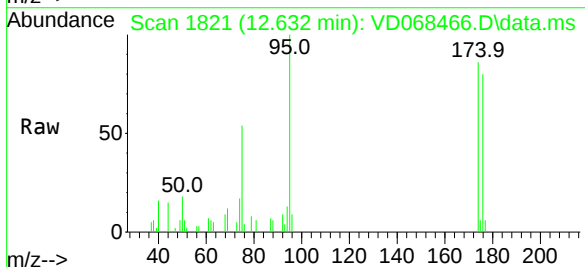
Instrument :
MSVOA_D
ClientSampled :
SB-3

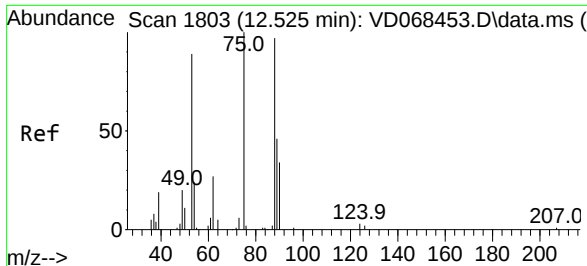
Tgt Ion:152 Resp: 16418
Ion Ratio Lower Upper
152 100
115 60.1 28.9 86.8
150 159.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 50.19 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

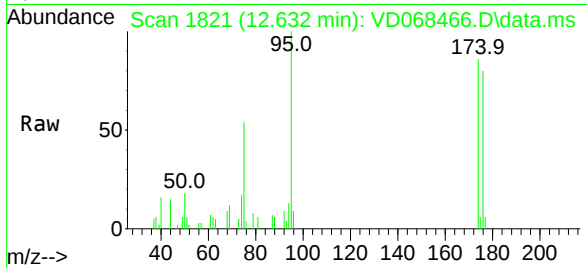
Tgt Ion: 75 Resp: 7315
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



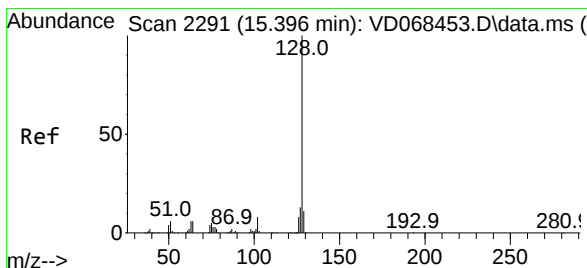
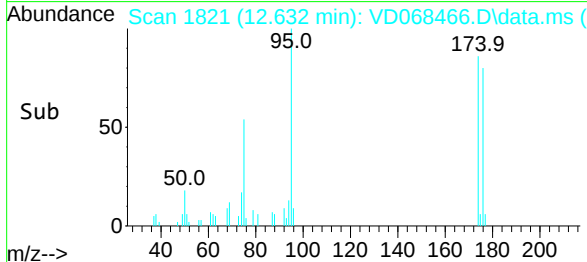
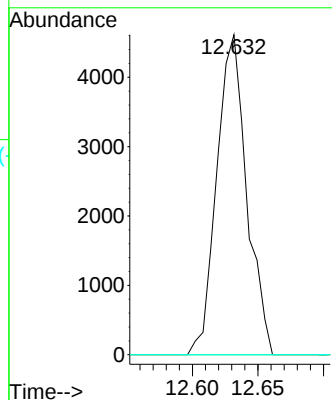


#81
trans-1,4-Dichloro-2-butene
Concen: 117.12 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Instrument :
MSVOA_D
ClientSampled :
SB-3



Tgt Ion: 75 Resp: 7315
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#95
Naphthalene
Concen: 2.54 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. -0.006 min
Lab File: VD068466.D
Acq: 26 Feb 2021 19:45

Tgt Ion: 128 Resp: 1633
Ion Ratio Lower Upper
128 100
127 3.4 10.2 15.2#
129 0.0 8.8 13.2#

