

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
 Data File : VD068507.D
 Acq On : 03 Mar 2021 12:32
 Operator : VA/SY
 Sample : M1542-01
 Misc : 6.43G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 04 00:02:33 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)

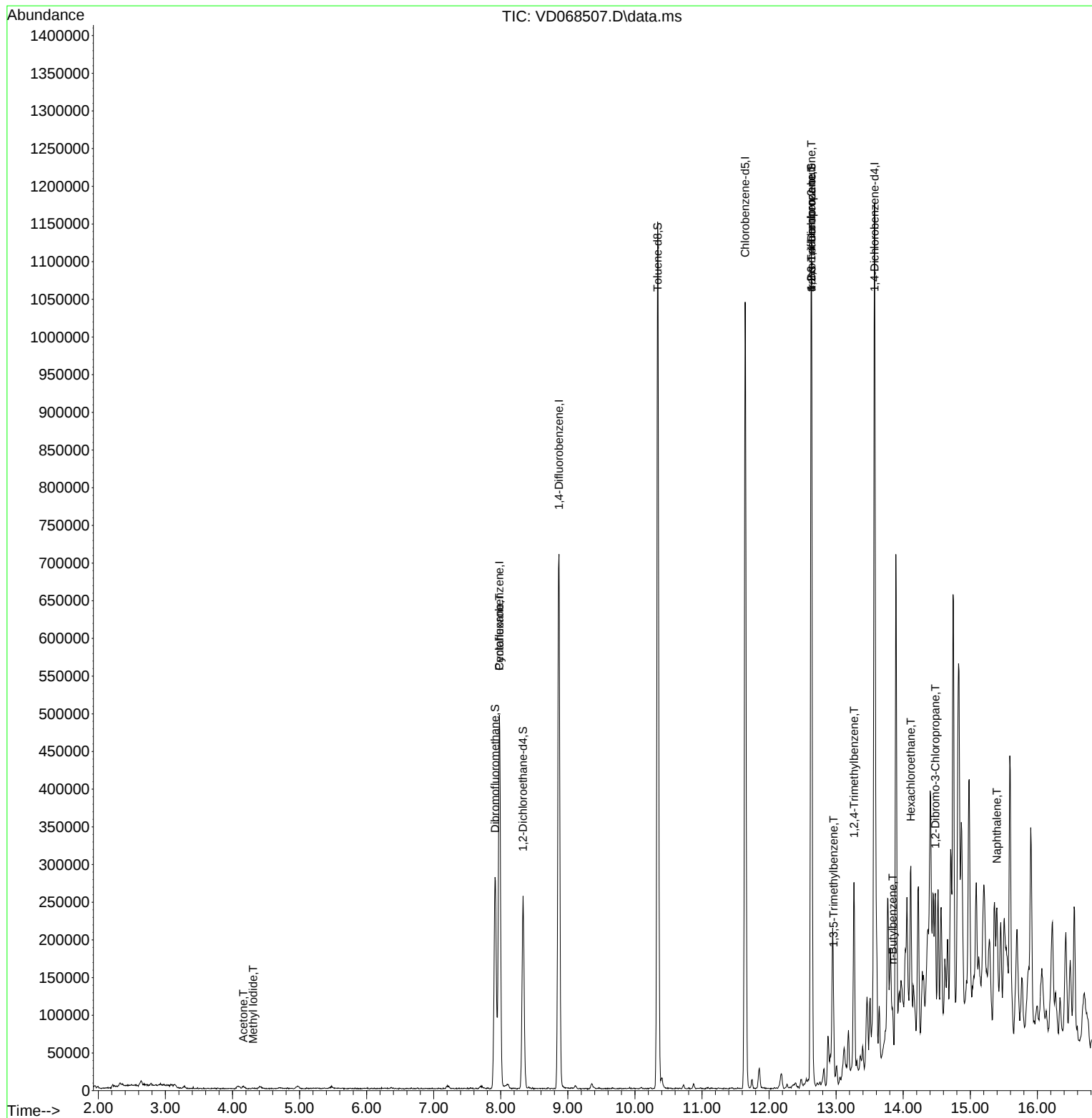
Internal Standards						
1) Pentafluorobenzene	7.979	168	379922	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	656458	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	624297	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	290281	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	195451	51.49	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	102.98%
35) Dibromofluoromethane	7.914	113	205309	51.92	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.84%
50) Toluene-d8	10.338	98	823937	52.31	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.62%
62) 4-Bromofluorobenzene	12.632	95	272247	53.63	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	107.26%
Target Compounds						
						Qvalue
10) Methyl Iodide	4.308	142	1188	2.86	ug/l #	68
16) Acetone	4.161	43	6193	10.27	ug/l	90
20) Methylene Chloride	4.956	84	2485	Below Cal	#	92
31) Cyclohexane	7.979	56	9291	1.35	ug/l #	7
76) 1,2,3-Trichloropropane	12.632	75	138722	53.83	ug/l #	100
80) 1,3,5-Trimethylbenzene	12.961	105	30462	1.73	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.632	75	138722	125.62	ug/l #	13
84) 1,2,4-Trimethylbenzene	13.267	105	144563	8.18	ug/l	96
89) n-Butylbenzene	13.843	91	31300	1.68	ug/l #	78
90) Hexachloroethane	14.114	117	10378	2.71	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.479	75	1073	1.64	ug/l #	1
95) Naphthalene	15.396	128	114275	10.04	ug/l #	93

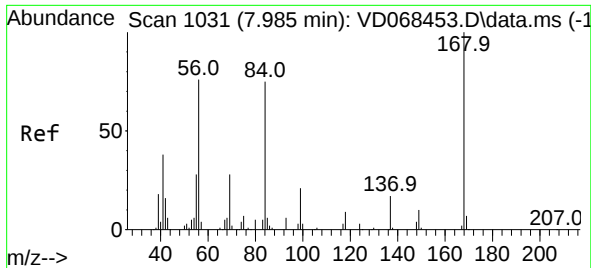
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030321\
Data File : VD068507.D
Acq On : 03 Mar 2021 12:32
Operator : VA/SY
Sample : M1542-01
Misc : 6.43G/5.00ml/MSVOA_D/SOIL
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 04 00:02:33 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

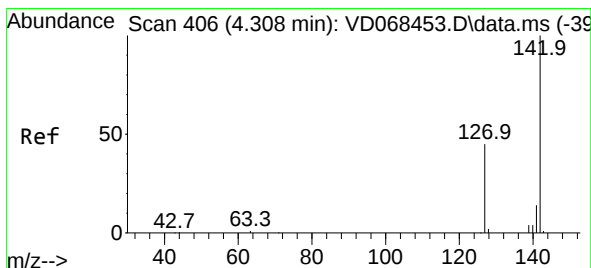
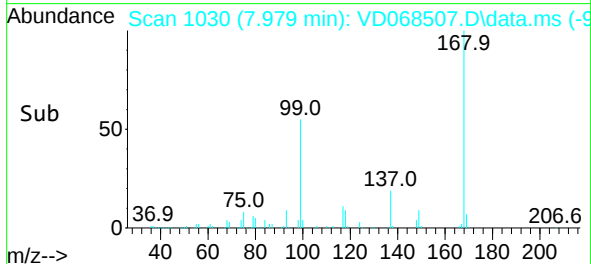
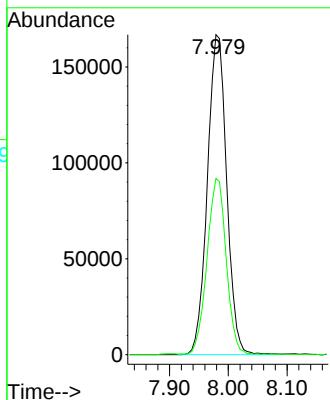
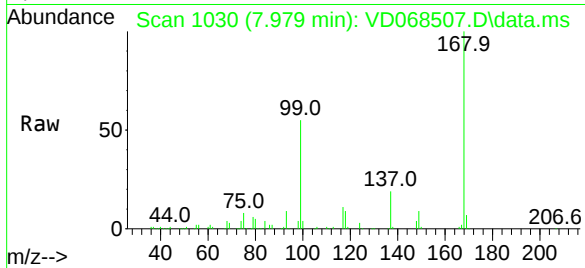




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

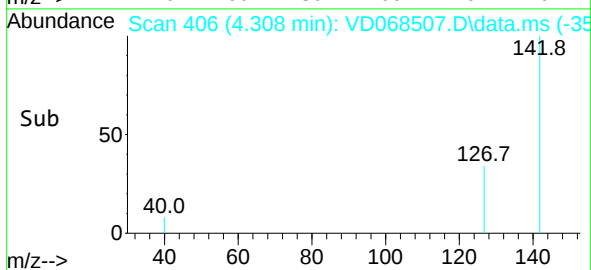
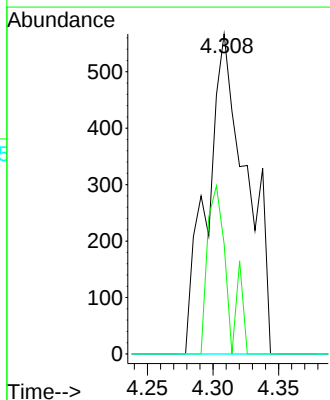
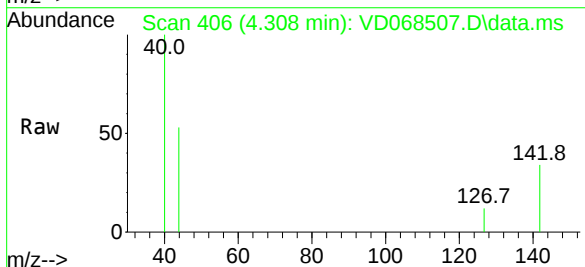
Instrument :
MSVOA_D
ClientSampleId :

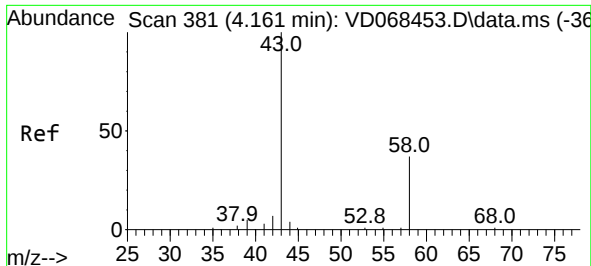
Tgt Ion:168 Resp: 379922
Ion Ratio Lower Upper
168 100
99 54.9 43.5 65.3



#10
Methyl Iodide
Concen: 2.86 ug/l
RT: 4.308 min Scan# 406
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion:142 Resp: 1188
Ion Ratio Lower Upper
142 100
127 26.8 37.9 56.9#
141 0.0 11.5 17.3#

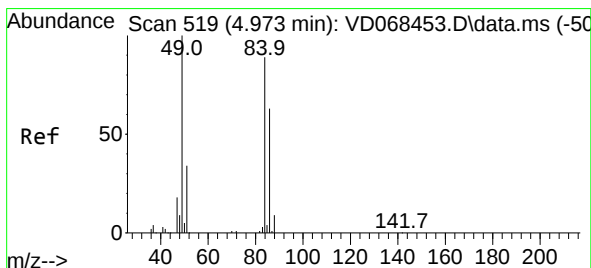
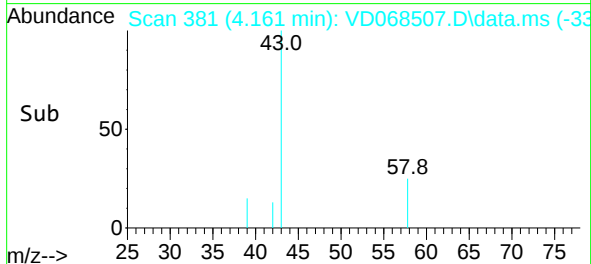
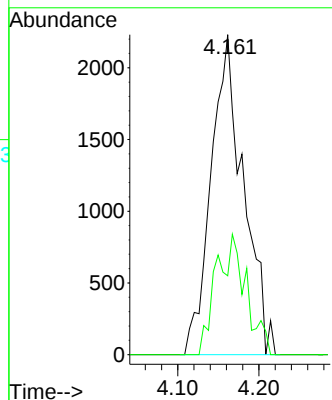
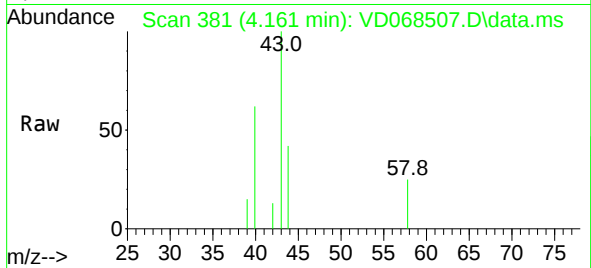




#16
Acetone
Concen: 10.27 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

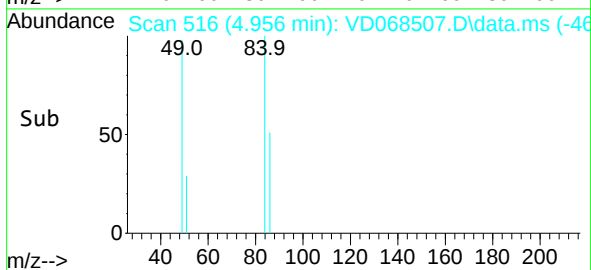
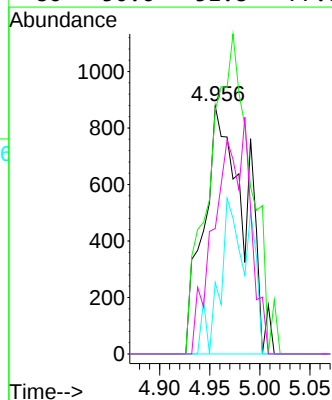
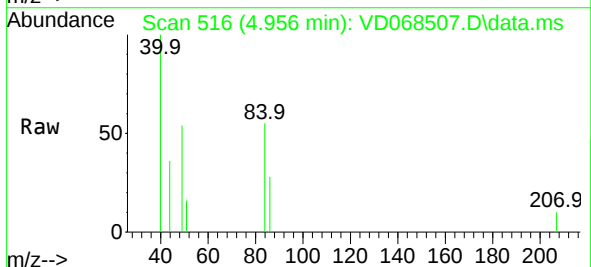
Instrument :
MSVOA_D
ClientSampled :

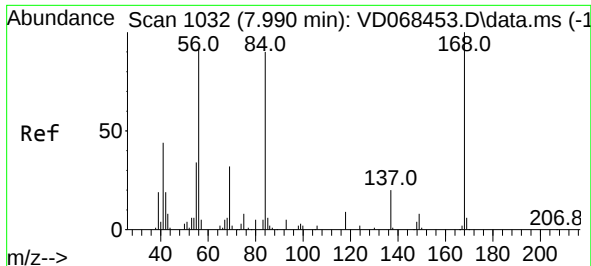
Tgt Ion: 43 Resp: 6193
Ion Ratio Lower Upper
43 100
58 24.7 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.017 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

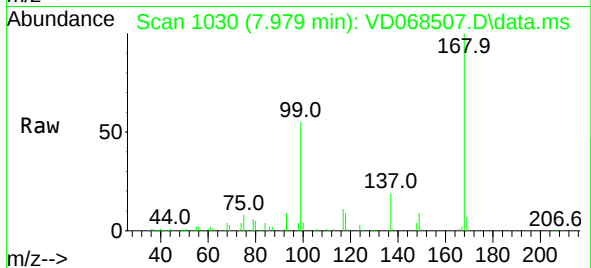
Tgt Ion: 84 Resp: 2485
Ion Ratio Lower Upper
84 100
49 98.3 77.4 116.2
51 28.8 26.1 39.1
86 50.6 51.8 77.8#



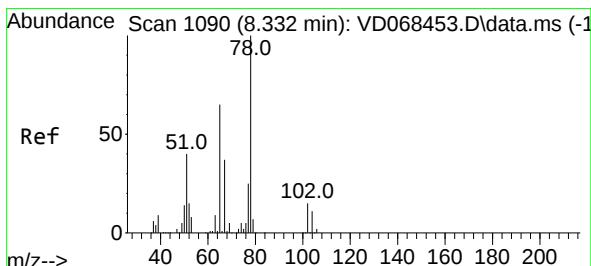
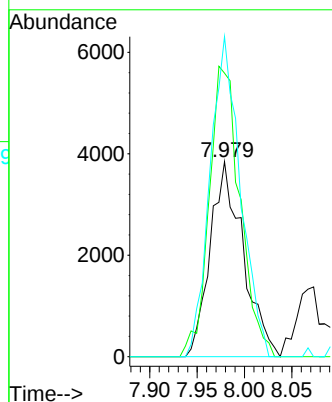
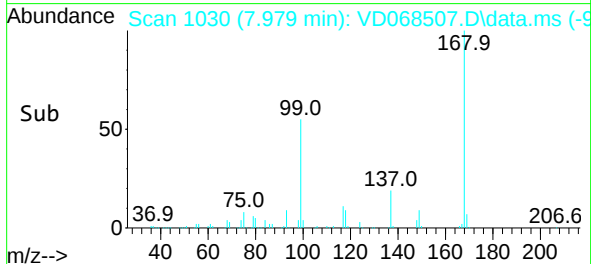


#31
Cyclohexane
Concen: 1.35 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.012 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

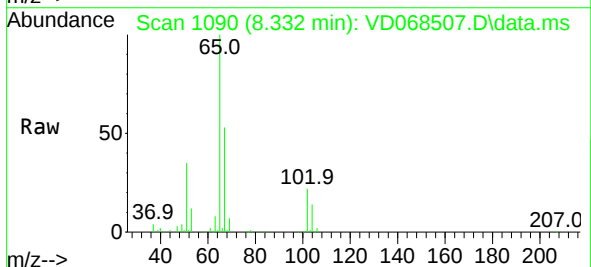
Instrument :
MSVOA_D
ClientSampleId :



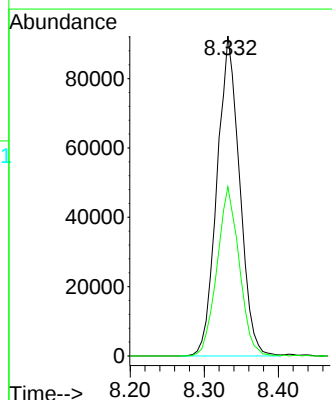
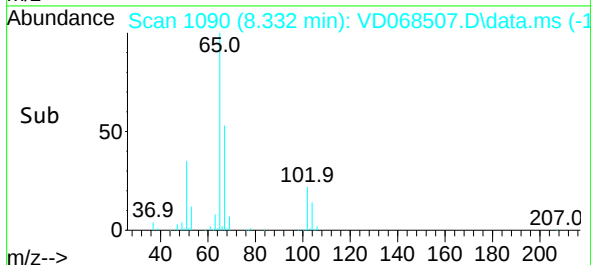
Tgt Ion: 56 Resp: 9291
Ion Ratio Lower Upper
56 100
69 145.4 30.1 45.1#
84 164.1 82.1 123.1#

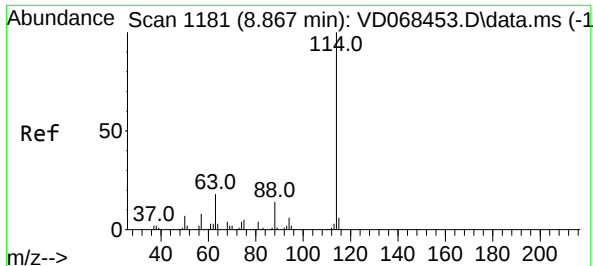


#33
1,2-Dichloroethane-d4
Concen: 51.49 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32



Tgt Ion: 65 Resp: 195451
Ion Ratio Lower Upper
65 100
67 52.0 0.0 105.0



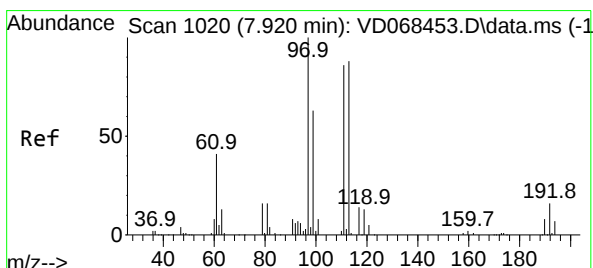
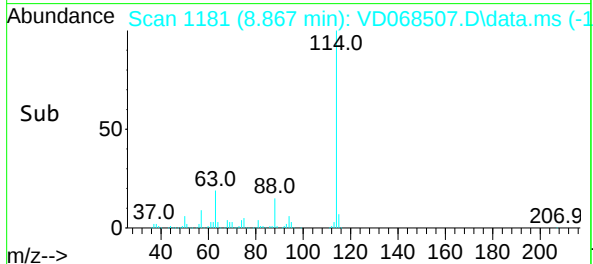
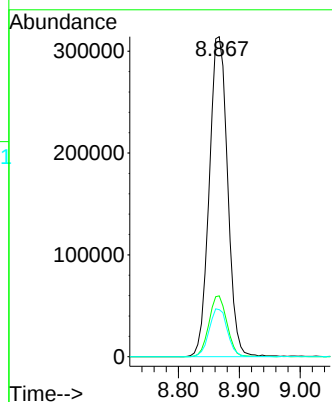
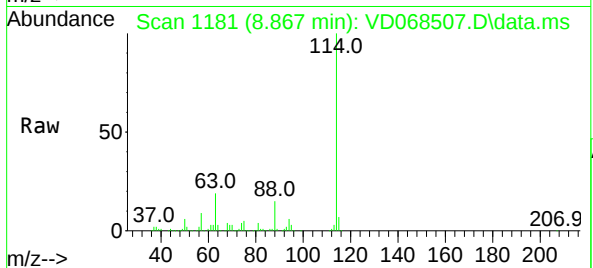


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Instrument :
MSVOA_D
ClientSampled :

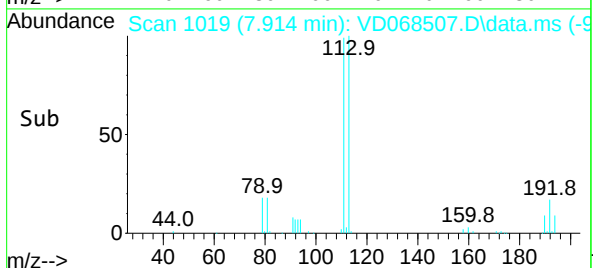
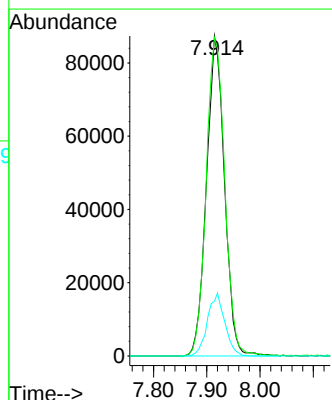
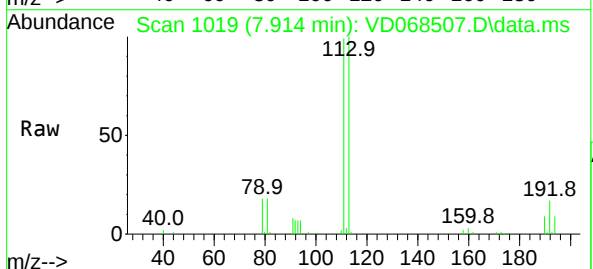
Tgt Ion:114 Resp: 656458
Ion Ratio Lower Upper
114 100
63 19.0 0.0 34.8
88 14.7 0.0 31.6

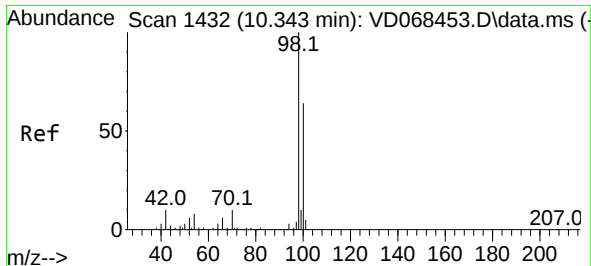


#35

Dibromofluoromethane
Concen: 51.92 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion:113 Resp: 205309
Ion Ratio Lower Upper
113 100
111 102.9 81.4 122.0
192 18.8 16.1 24.1

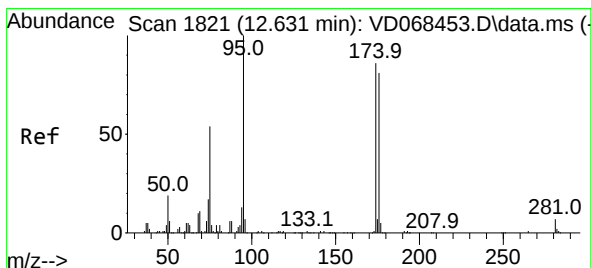
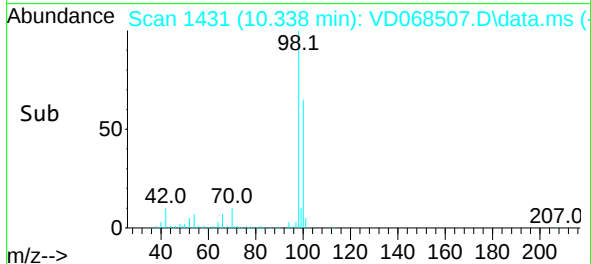
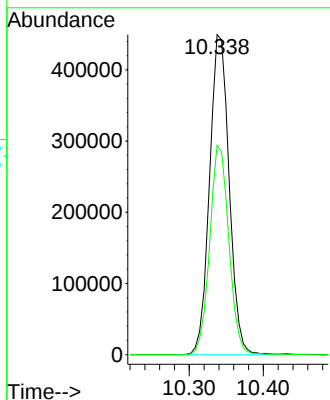
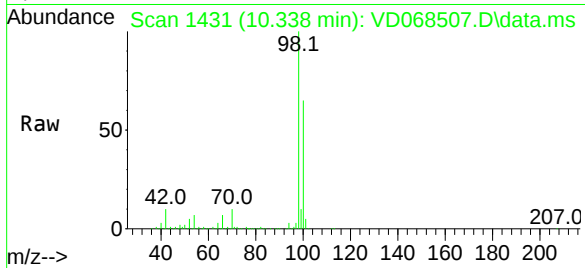




#50
Toluene-d8
Concen: 52.31 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

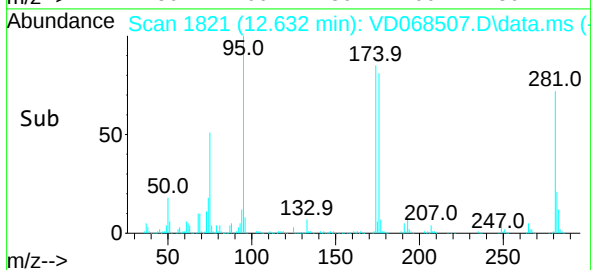
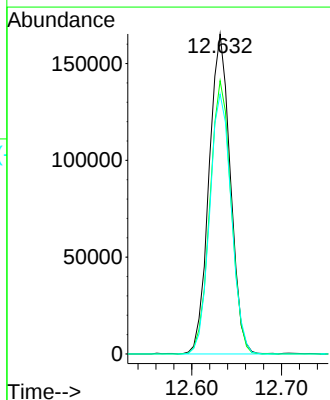
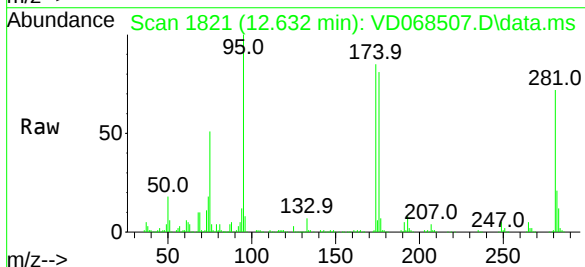
Instrument :
MSVOA_D
ClientSampled :

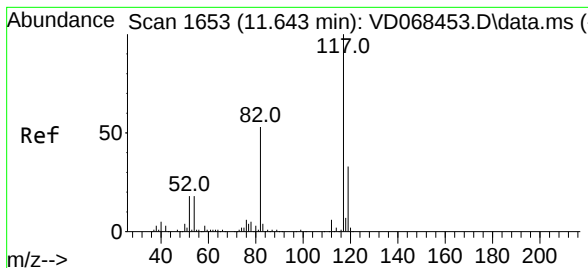
Tgt Ion: 98 Resp: 823937
Ion Ratio Lower Upper
98 100
100 64.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.63 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion: 95 Resp: 272247
Ion Ratio Lower Upper
95 100
174 84.8 0.0 172.4
176 82.3 0.0 168.4

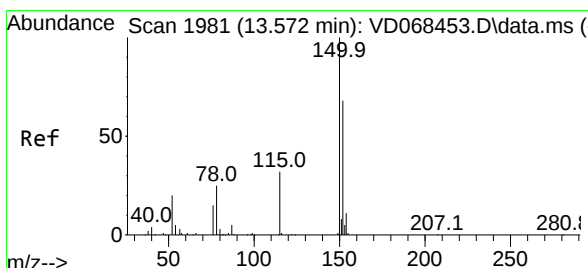
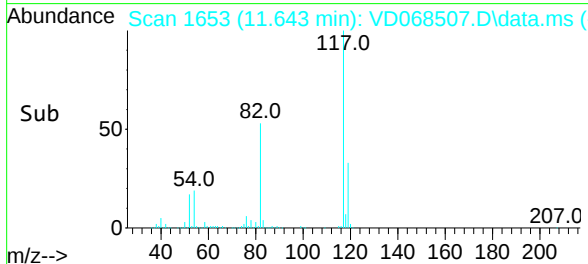
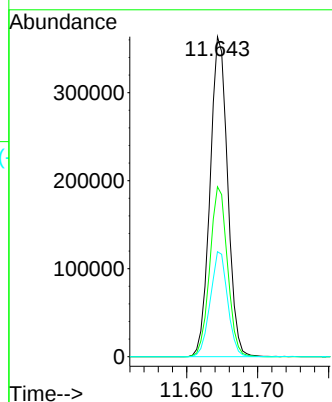
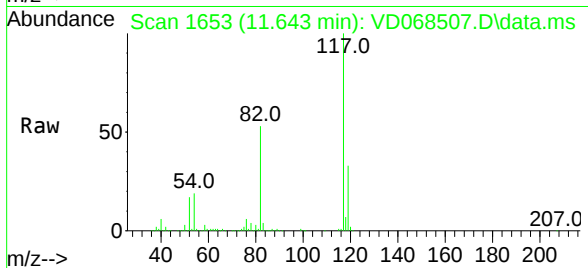




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

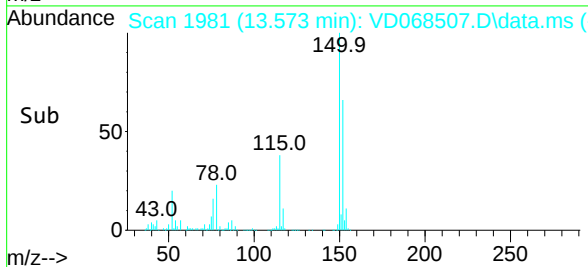
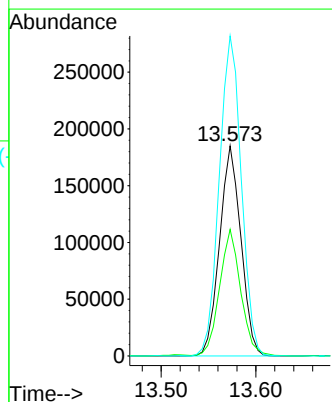
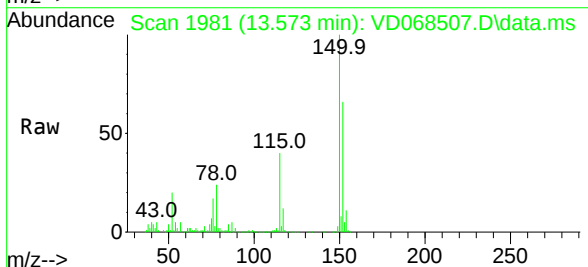
Instrument :
MSVOA_D
ClientSampleId :

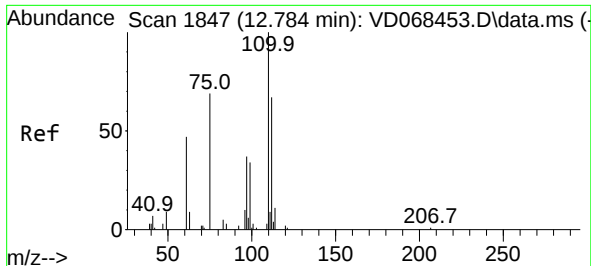
Tgt Ion:117 Resp: 624297
Ion Ratio Lower Upper
117 100
82 53.1 41.4 62.0
119 32.8 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion:152 Resp: 290281
Ion Ratio Lower Upper
152 100
115 59.7 28.9 86.8
150 157.3 0.0 344.4

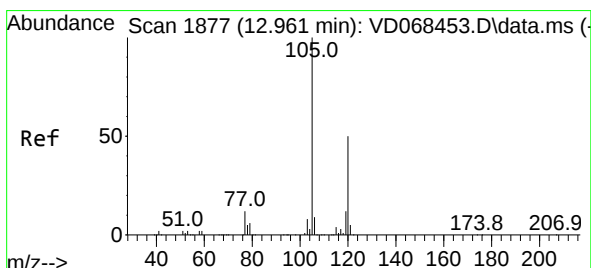
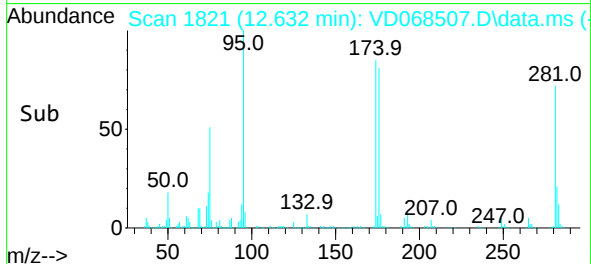
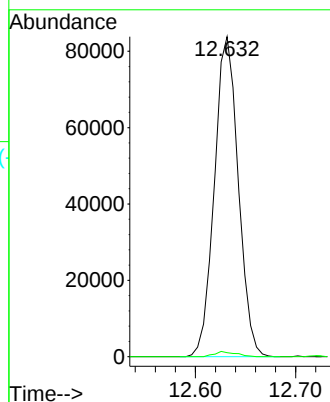
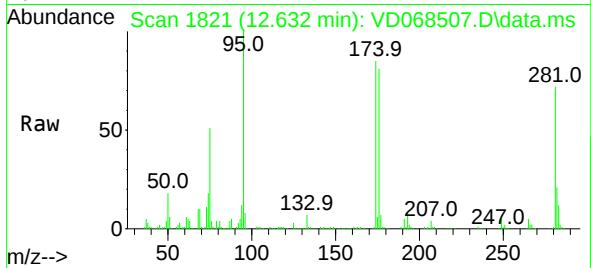




#76
1,2,3-Trichloropropane
Concen: 53.83 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

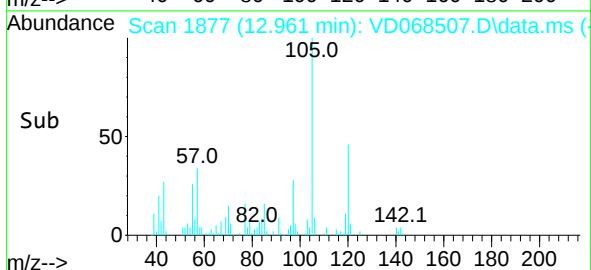
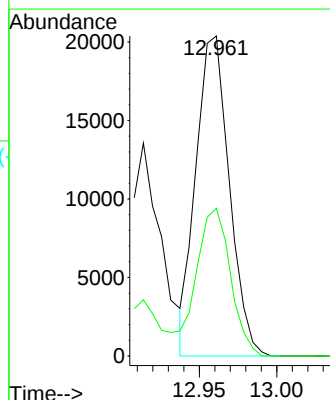
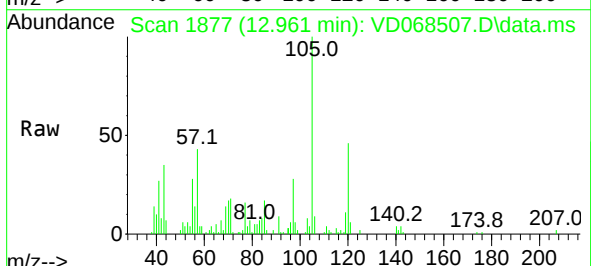
Instrument :
MSVOA_D
ClientSampled :

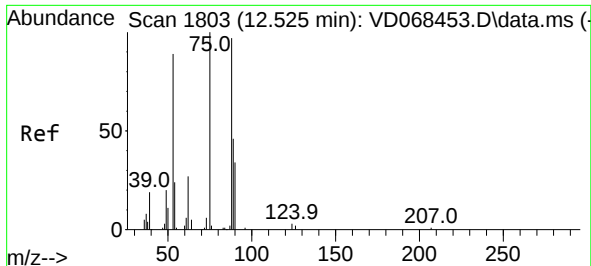
Tgt Ion: 75 Resp: 138722
Ion Ratio Lower Upper
75 100
77 1.5 0.0 0.0#



#80
1,3,5-Trimethylbenzene
Concen: 1.73 ug/l
RT: 12.961 min Scan# 1877
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion: 105 Resp: 30462
Ion Ratio Lower Upper
105 100
120 47.9 24.2 72.6

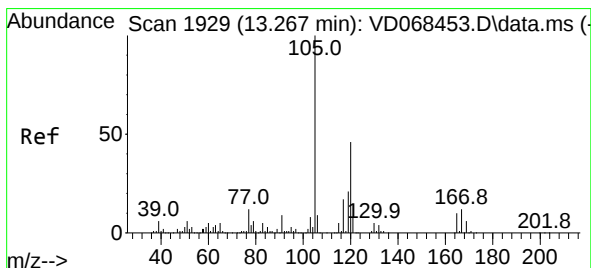
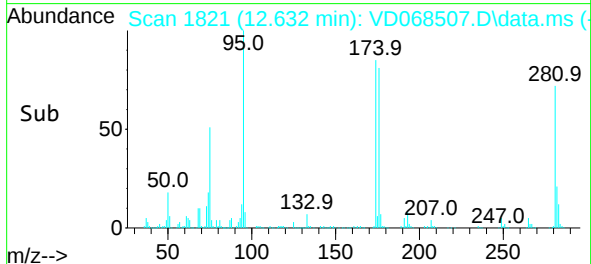
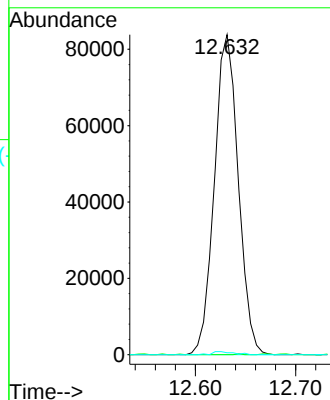
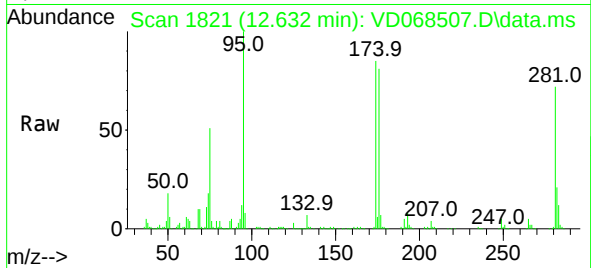




#81
trans-1,4-Dichloro-2-butene
Concen: 125.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

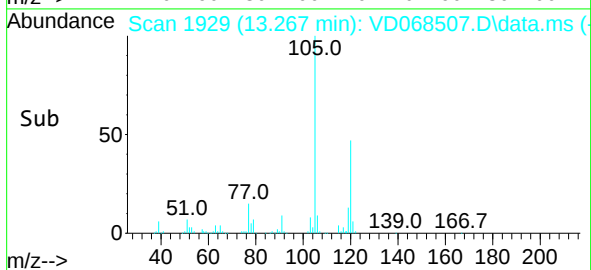
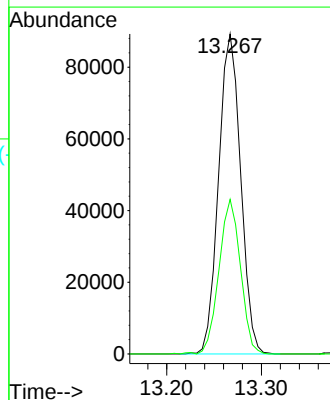
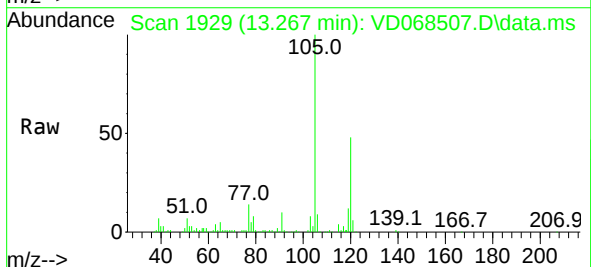
Instrument :
MSVOA_D
ClientSampled :

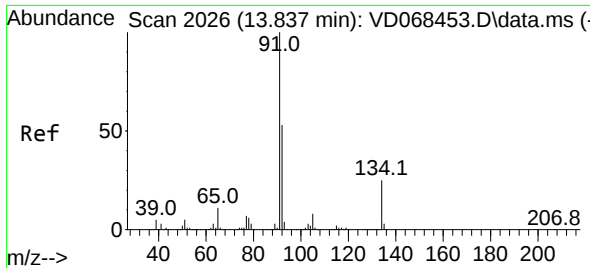
Tgt Ion: 75 Resp: 138722
Ion Ratio Lower Upper
75 100
53 0.1 70.2 105.2#
89 0.0 40.3 60.5#



#84
1,2,4-Trimethylbenzene
Concen: 8.18 ug/l
RT: 13.267 min Scan# 1929
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion: 105 Resp: 144563
Ion Ratio Lower Upper
105 100
120 47.1 22.4 67.0

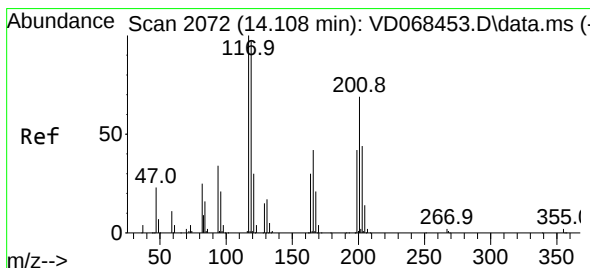
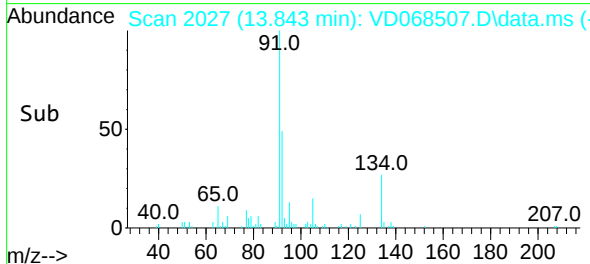
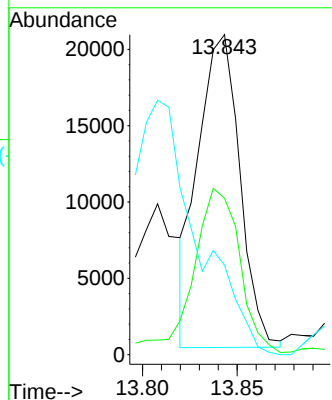
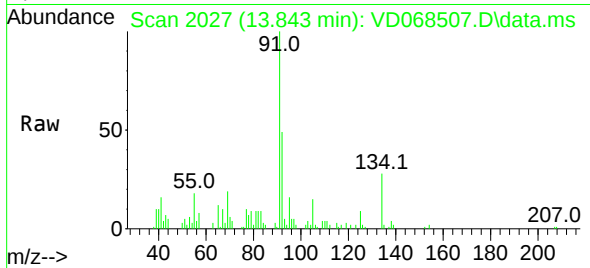




#89
n-Butylbenzene
Concen: 1.68 ug/l
RT: 13.843 min Scan# 2027
Delta R.T. 0.006 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

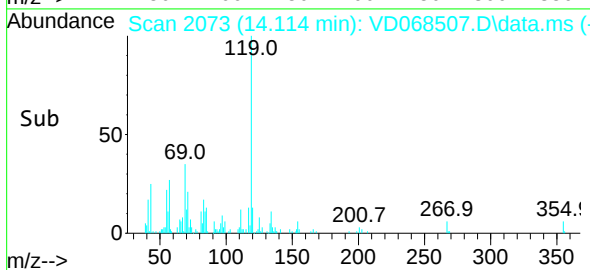
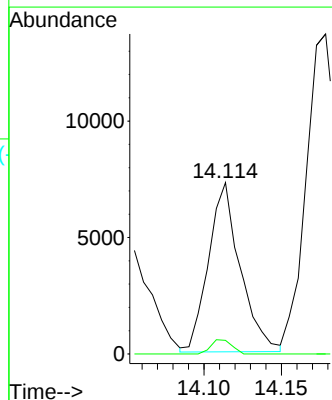
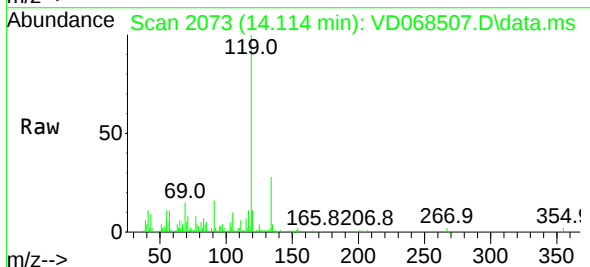
Instrument :
MSVOA_D
ClientSampled :

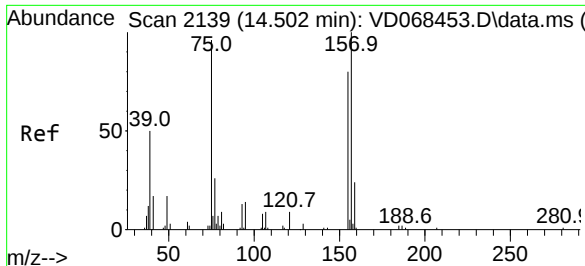
Tgt Ion: 91 Resp: 31300
Ion Ratio Lower Upper
91 100
92 59.0 27.2 81.6
134 0.0 13.9 41.7#



#90
Hexachloroethane
Concen: 2.71 ug/l
RT: 14.114 min Scan# 2073
Delta R.T. 0.006 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion: 117 Resp: 10378
Ion Ratio Lower Upper
117 100
201 5.6 39.5 118.5#

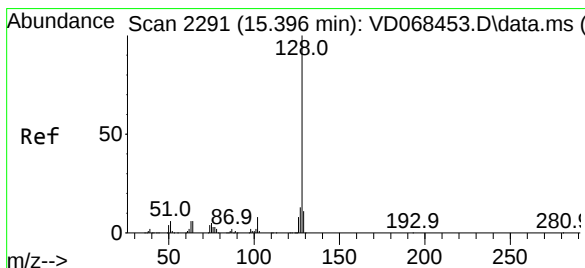
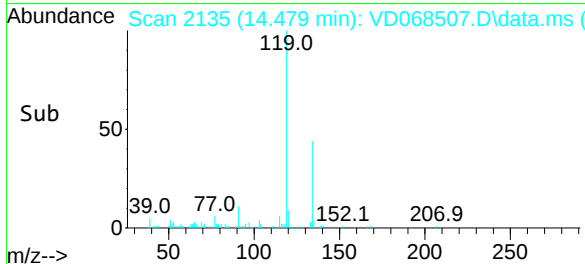
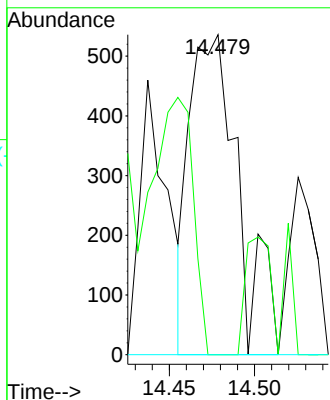
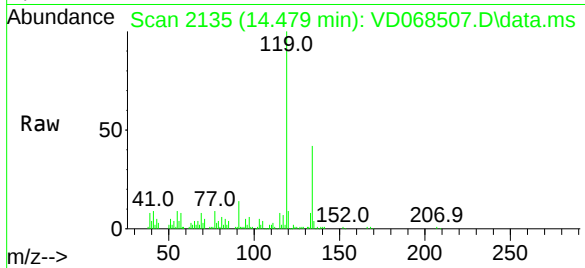




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.64 ug/l
RT: 14.479 min Scan# 2135
Delta R.T. -0.023 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Instrument :
MSVOA_D
ClientSampled :

Tgt Ion: 75 Resp: 1073
Ion Ratio Lower Upper
75 100
155 0.0 48.0 144.2#
157 0.0 65.0 194.8#



#95
Naphthalene
Concen: 10.04 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068507.D
Acq: 03 Mar 2021 12:32

Tgt Ion: 128 Resp: 114275
Ion Ratio Lower Upper
128 100
127 15.6 10.2 15.2#
129 13.2 8.8 13.2

