

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
 Data File : VD068335.D
 Acq On : 09 Feb 2021 18:08
 Operator : VA/SY
 Sample : M1348-01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Feb 10 00:18:42 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)

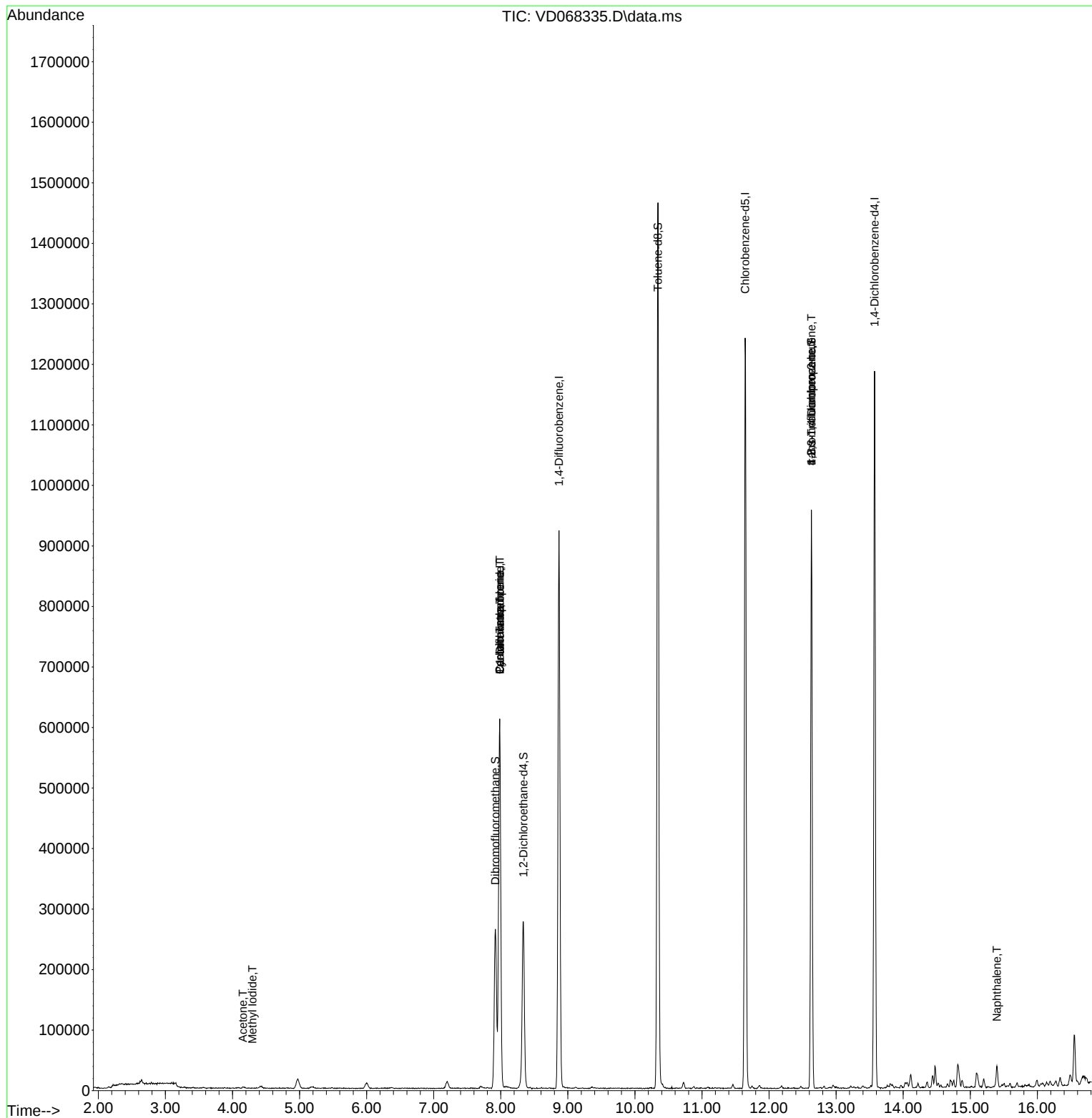
Internal Standards						
1) Pentafluorobenzene	7.985	168	450339	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	828247	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	737477	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	312857	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	226536	52.58	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	105.16%
35) Dibromofluoromethane	7.920	113	195767	42.75	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	85.50%
50) Toluene-d8	10.344	98	1020881	55.74	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	111.48%
62) 4-Bromofluorobenzene	12.632	95	314974	47.75	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.50%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	404	3.23	ug/l #	38
11) Tert butyl alcohol	5.197	59	2784	Below	Cal #	74
16) Acetone	4.156	43	3558	4.63	ug/l	95
20) Methylene Chloride	4.967	84	12729	Below	Cal	92
31) Cyclohexane	7.985	56	10019	1.07	ug/l #	1
36) 1,1-Dichloropropene	7.985	75	37484	4.49	ug/l #	48
38) Carbon Tetrachloride	7.985	117	46671	5.97	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	159968	52.88	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	159968	107.01	ug/l #	13
95) Naphthalene	15.396	128	29921	2.53	ug/l	99

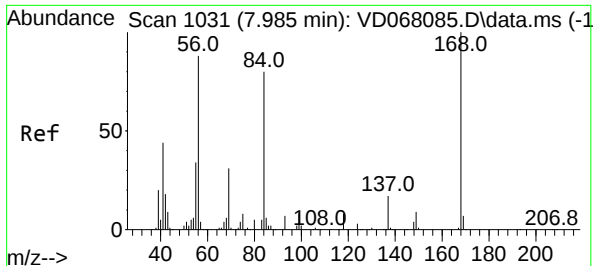
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020921\
Data File : VD068335.D
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Misc : 5.00G/5.00ml/MSVOA_D/SOIL
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Quant Time: Feb 10 00:18:42 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

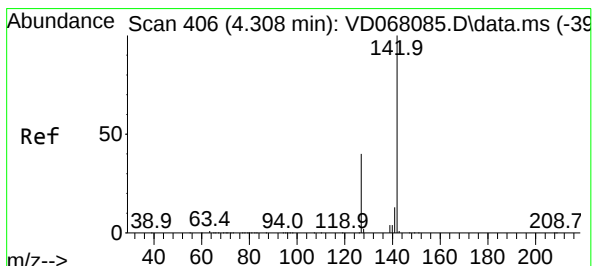
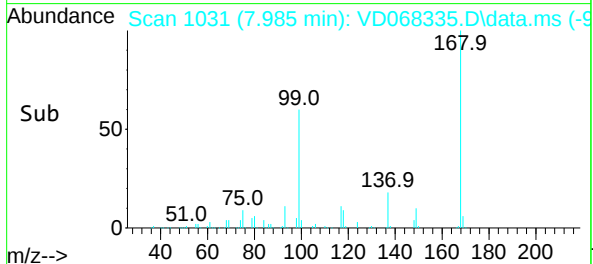
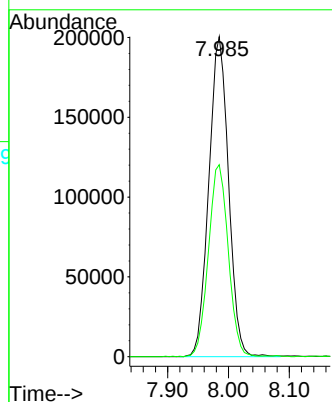
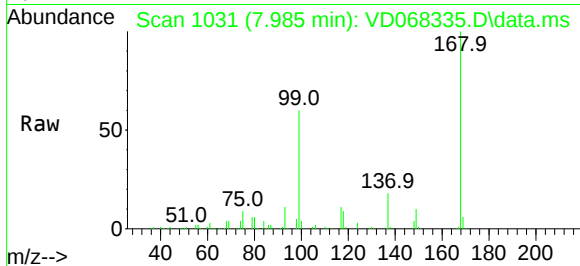




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

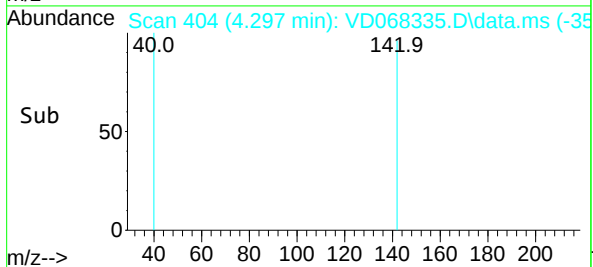
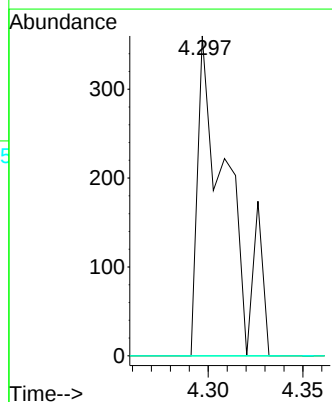
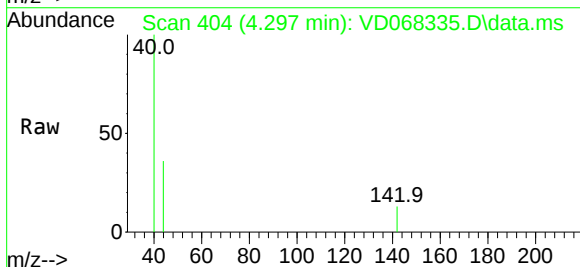
Instrument :
MSVOA_D
ClientSampled :

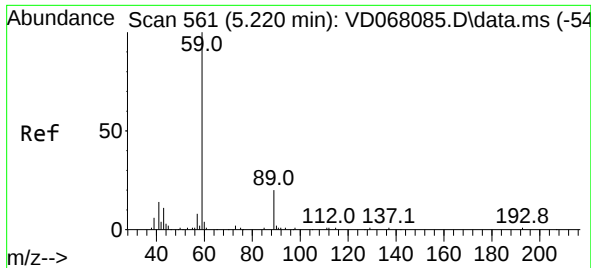
Tgt Ion:168 Resp: 450339
Ion Ratio Lower Upper
168 100
99 59.9 43.5 65.3



#10
Methyl Iodide
Concen: 3.23 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion:142 Resp: 404
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

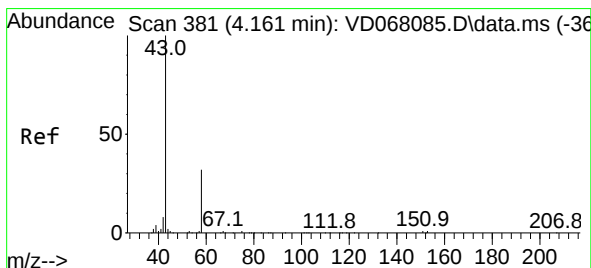
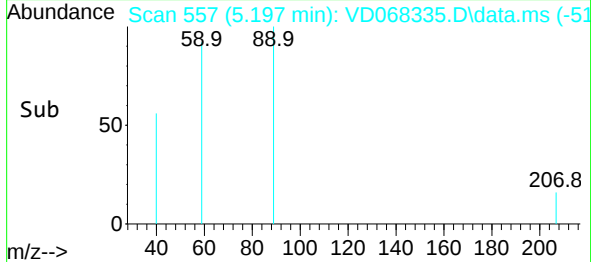
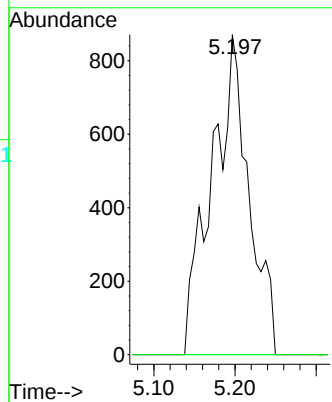
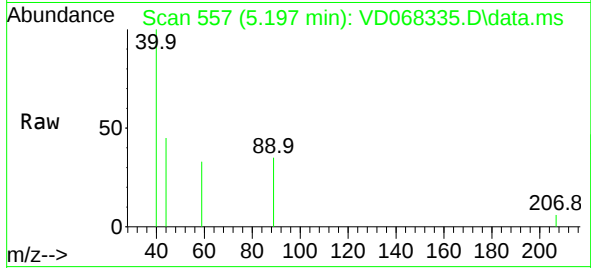




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.197 min Scan# 557
Delta R.T. -0.023 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

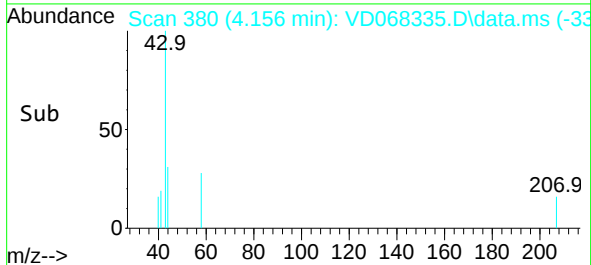
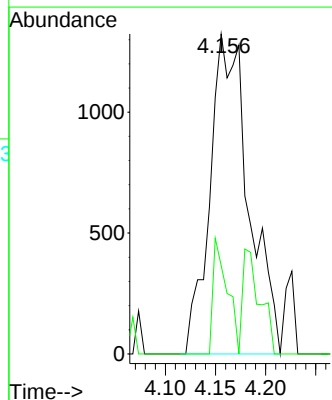
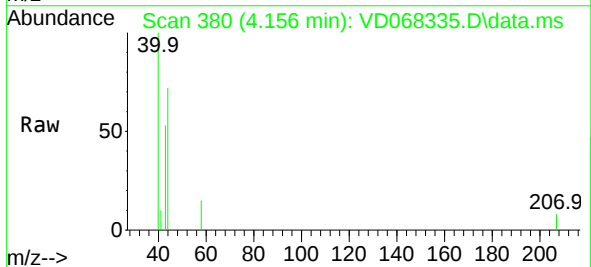
Instrument :
MSVOA_D
ClientSampleId :

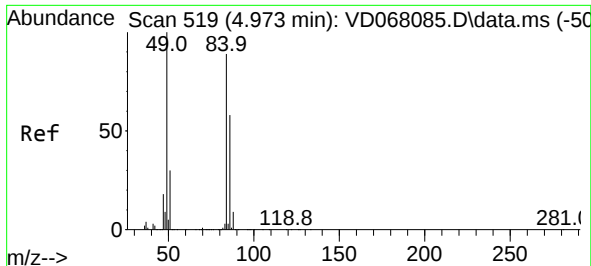
Tgt Ion: 59 Resp: 2784
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 4.63 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

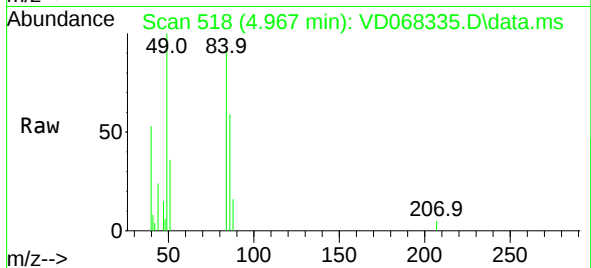
Tgt Ion: 43 Resp: 3558
Ion Ratio Lower Upper
43 100
58 27.6 24.2 36.4



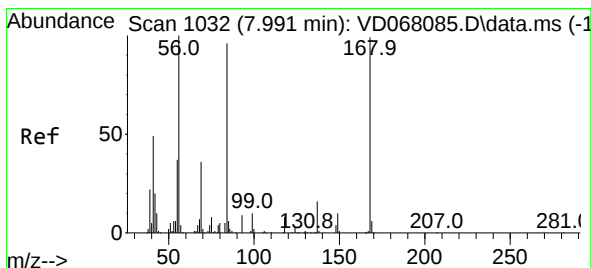
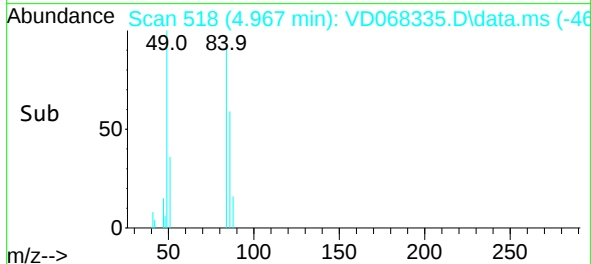
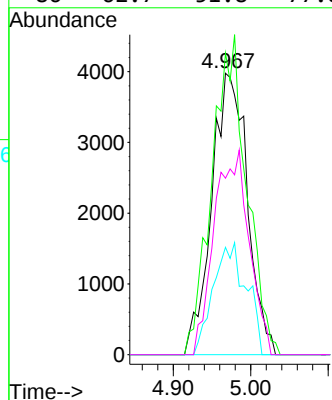


#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampleId :

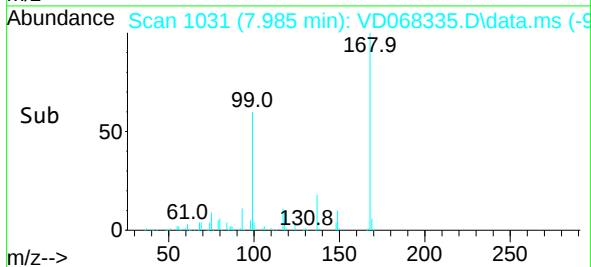
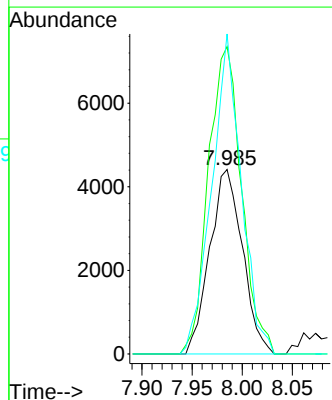
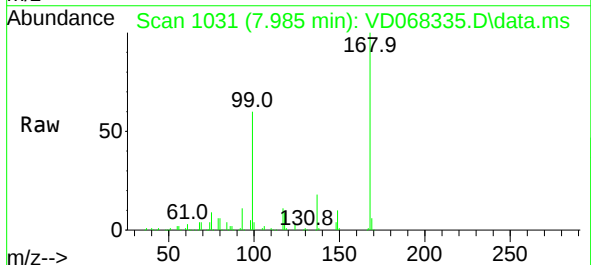


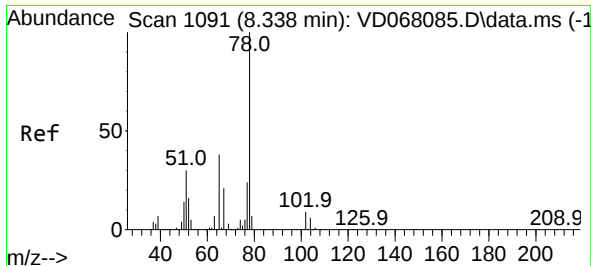
Tgt Ion: 84 Resp: 12729
Ion Ratio Lower Upper
84 100
49 107.1 77.4 116.2
51 38.2 26.1 39.1
86 62.7 51.8 77.8



#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion: 56 Resp: 10019
Ion Ratio Lower Upper
56 100
69 166.6 30.1 45.1#
84 173.4 82.1 123.1#

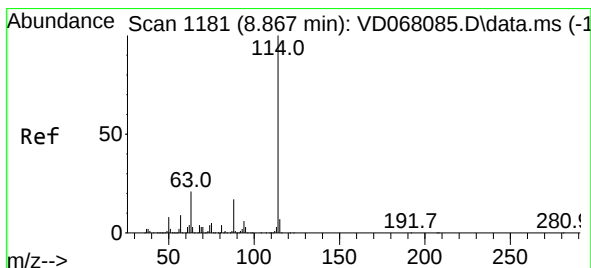
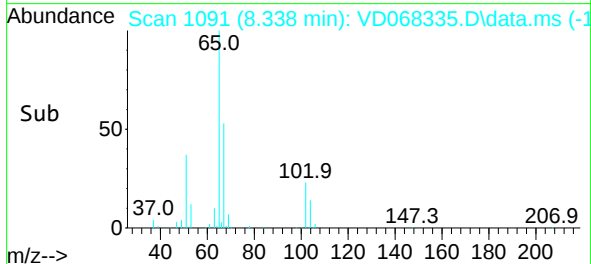
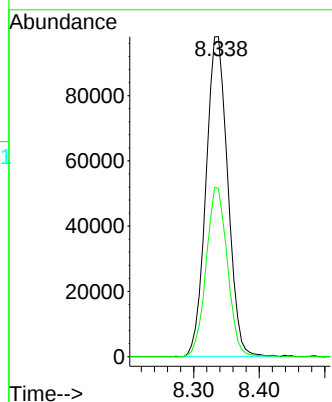
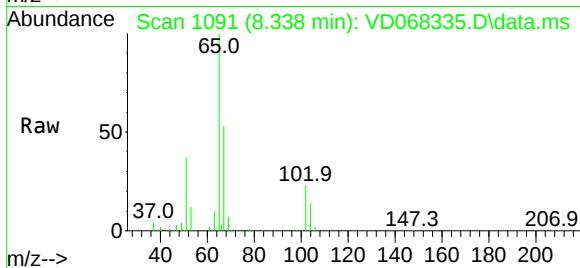




#33
1,2-Dichloroethane-d4
Concen: 52.58 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

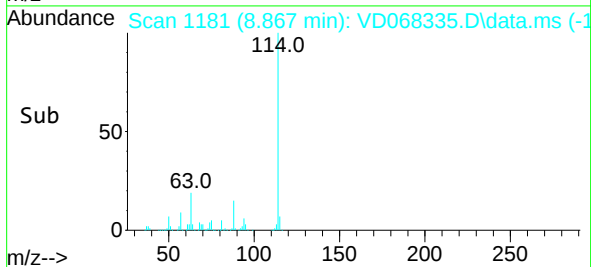
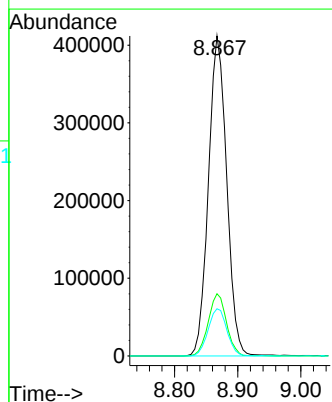
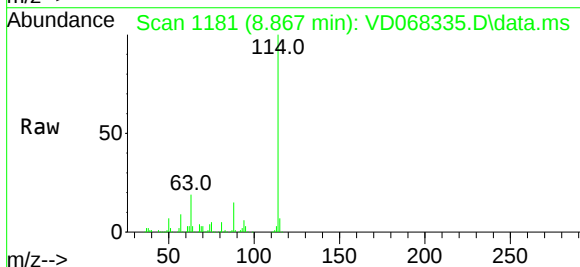
Instrument :
MSVOA_D
ClientSampleId :

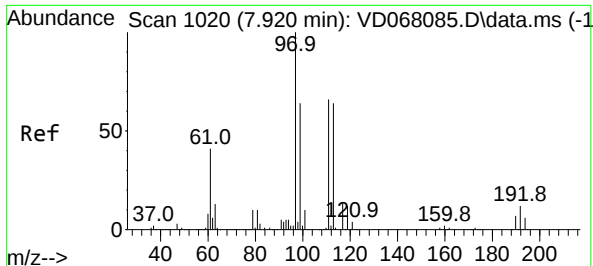
Tgt Ion: 65 Resp: 226536
Ion Ratio Lower Upper
65 100
67 51.7 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

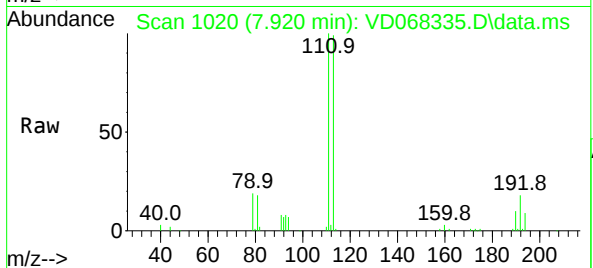
Tgt Ion: 114 Resp: 828247
Ion Ratio Lower Upper
114 100
63 19.5 0.0 34.8
88 14.8 0.0 31.6



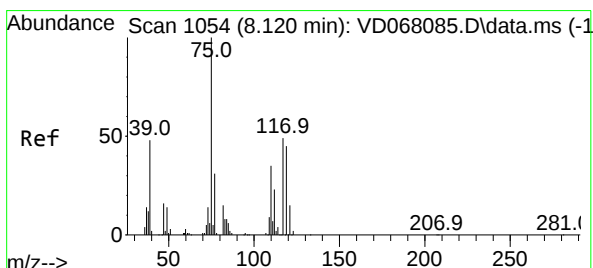
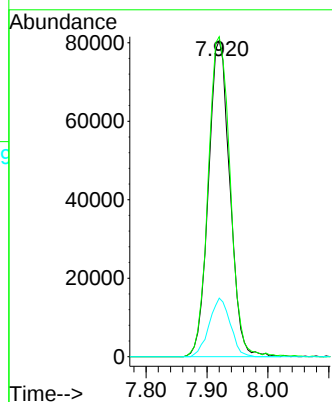
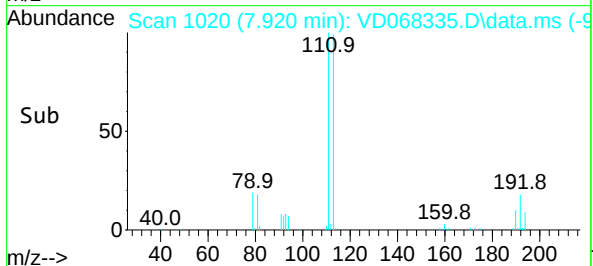


#35
Dibromofluoromethane
Concen: 42.75 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

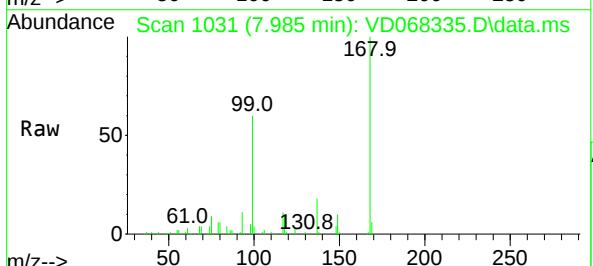
Instrument :
MSVOA_D
ClientSampleId :



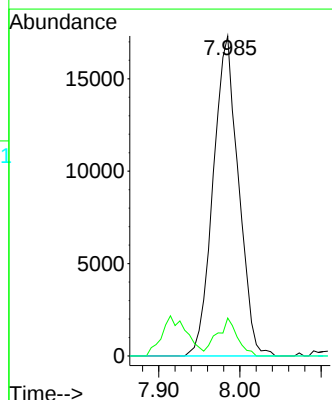
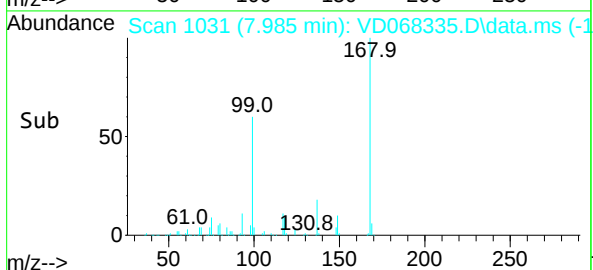
Tgt Ion:113 Resp: 195767
Ion Ratio Lower Upper
113 100
111 104.2 81.4 122.0
192 18.3 16.1 24.1

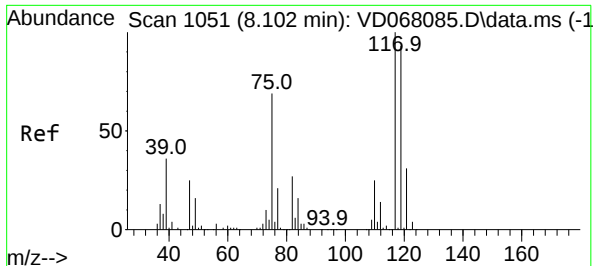


#36
1,1-Dichloropropene
Concen: 4.49 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.135 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08



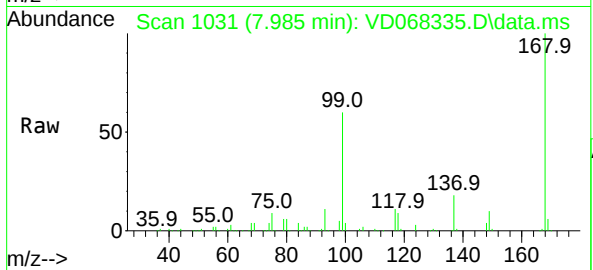
Tgt Ion: 75 Resp: 37484
Ion Ratio Lower Upper
75 100
110 9.4 19.4 58.2#
77 0.0 25.3 37.9#



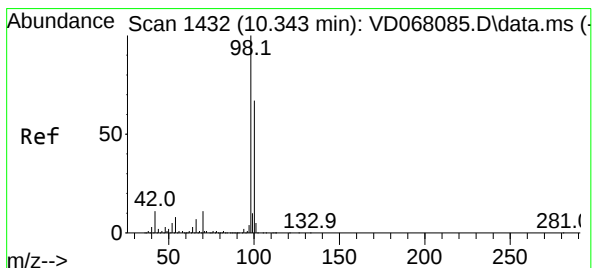
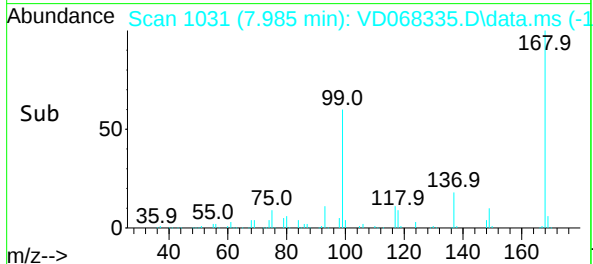
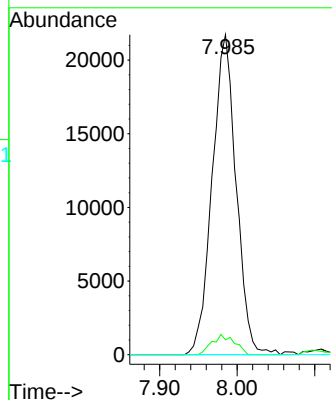


#38
Carbon Tetrachloride
Concen: 5.97 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Instrument :
MSVOA_D
ClientSampled :

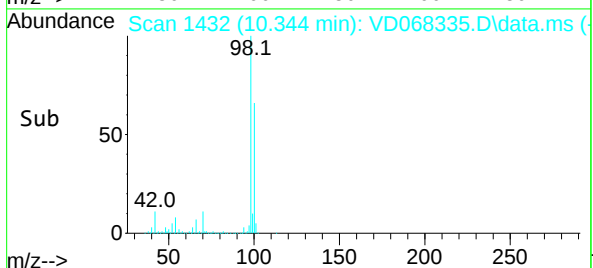
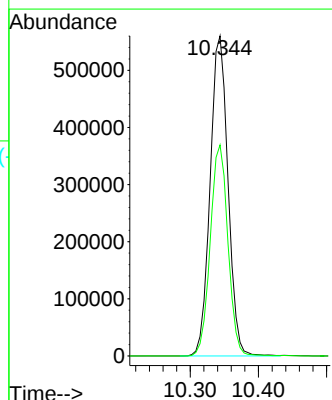
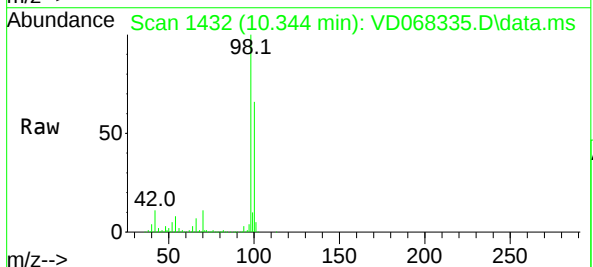


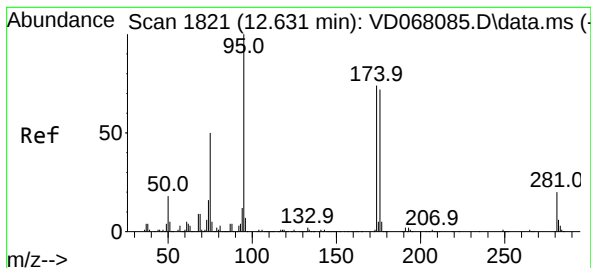
Tgt Ion:117 Resp: 46671
Ion Ratio Lower Upper
117 100
119 4.7 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 55.74 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion: 98 Resp: 1020881
Ion Ratio Lower Upper
98 100
100 65.4 53.0 79.4

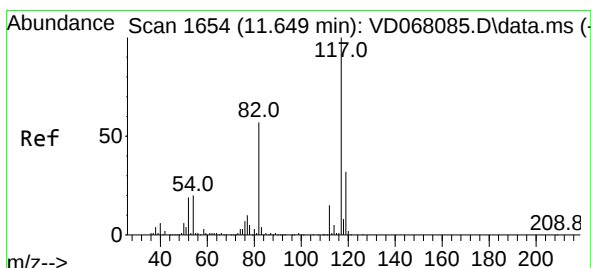
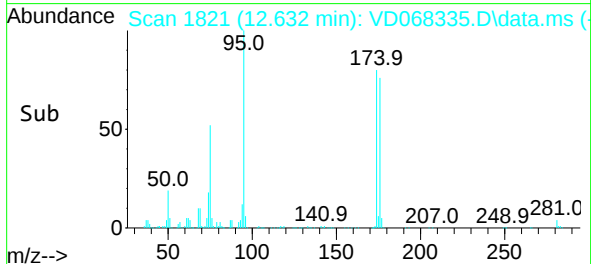
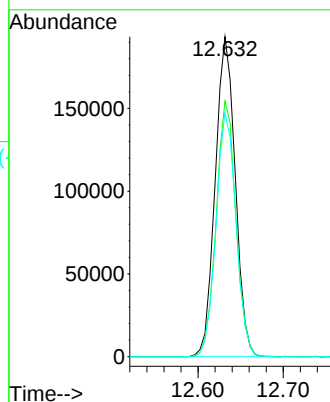
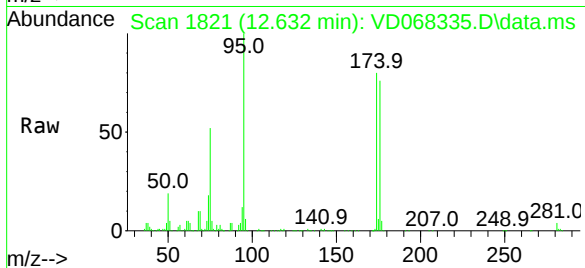




#62
4-Bromofluorobenzene
Concen: 47.75 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

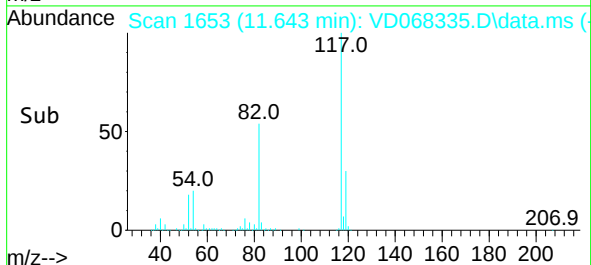
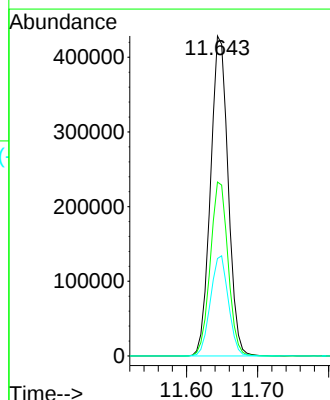
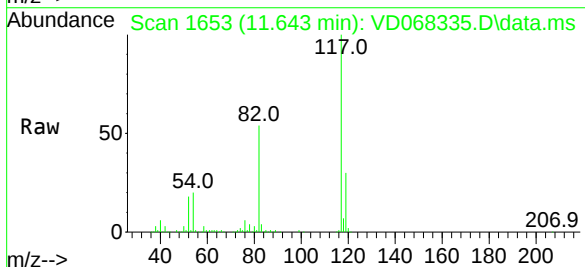
Instrument :
MSVOA_D
ClientSampleId :

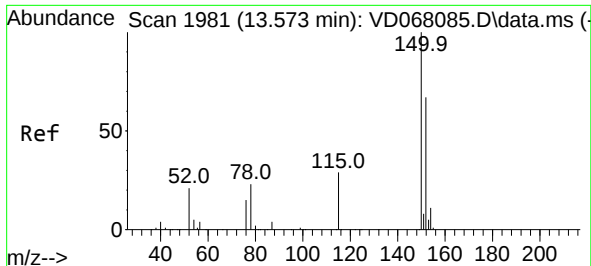
Tgt Ion: 95 Resp: 314974
Ion Ratio Lower Upper
95 100
174 78.8 0.0 172.4
176 76.1 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

Tgt Ion: 117 Resp: 737477
Ion Ratio Lower Upper
117 100
82 54.4 41.4 62.0
119 30.5 26.1 39.1

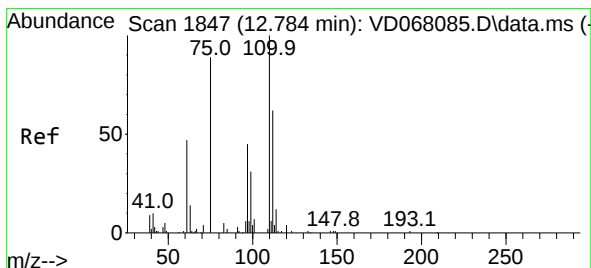
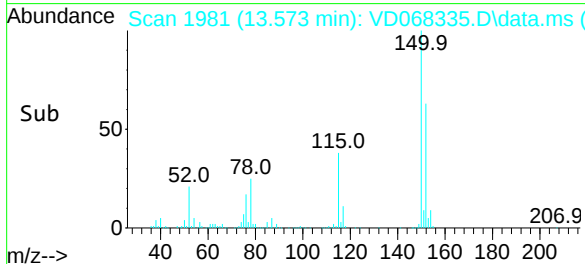
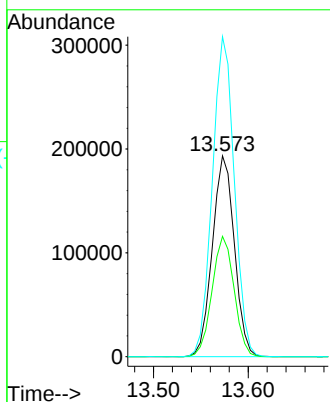
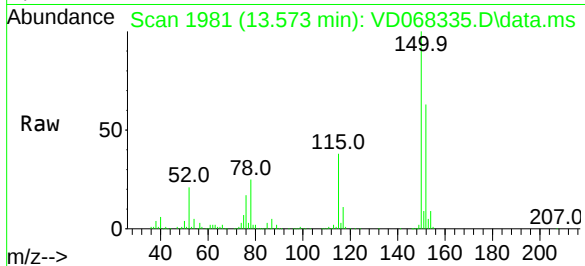




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

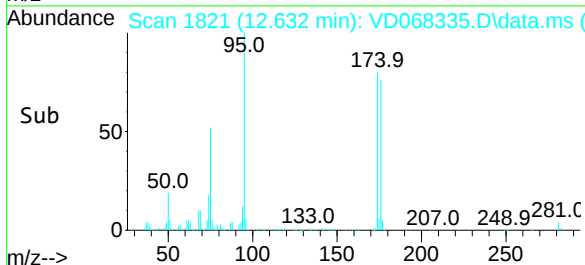
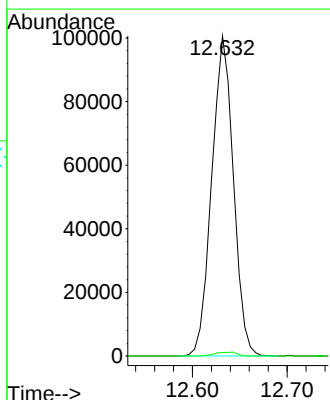
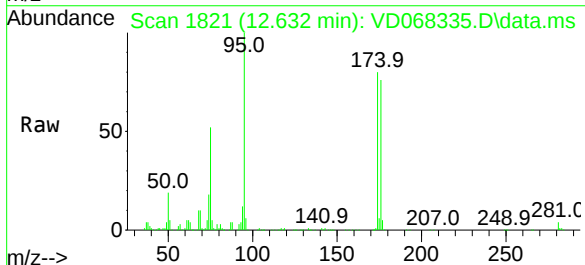
Instrument :
MSVOA_D
ClientSampleId :

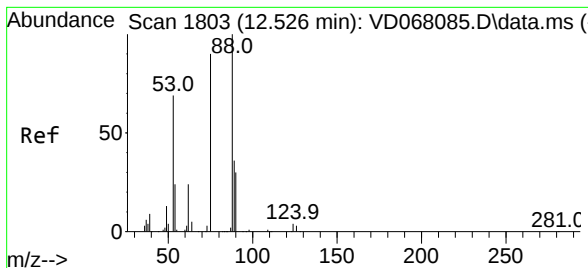
Tgt Ion:152 Resp: 312857
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 159.0 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 52.88 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

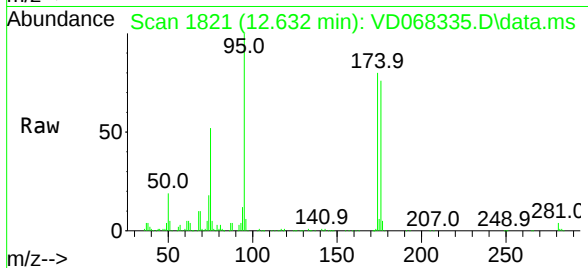
Tgt Ion: 75 Resp: 159968
Ion Ratio Lower Upper
75 100
77 1.2 0.0 0.0#



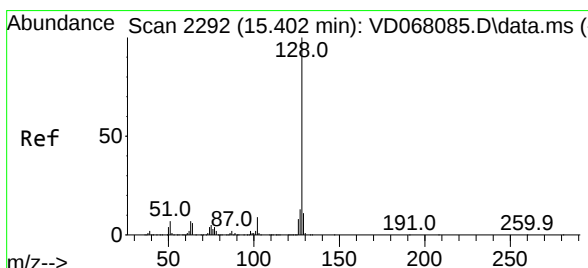
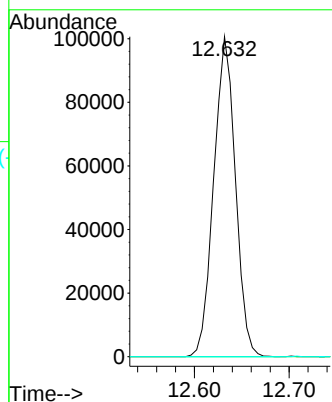
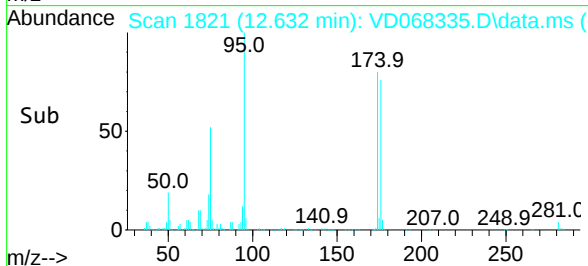


#81
trans-1,4-Dichloro-2-butene
Concen: 107.01 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08

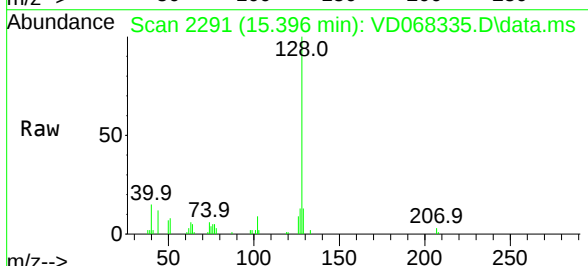
Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion: 75 Resp: 159968
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#



#95
Naphthalene
Concen: 2.53 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. -0.006 min
Lab File: VD068335.D
Acq: 09 Feb 2021 18:08



Tgt Ion: 128 Resp: 29921
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.2
129 11.1 8.8 13.2

