

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068522.D
 Acq On : 04 Mar 2021 13:44
 Operator : VA/SY
 Sample : M1553-04
 Misc : 6.24G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:01:10 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)

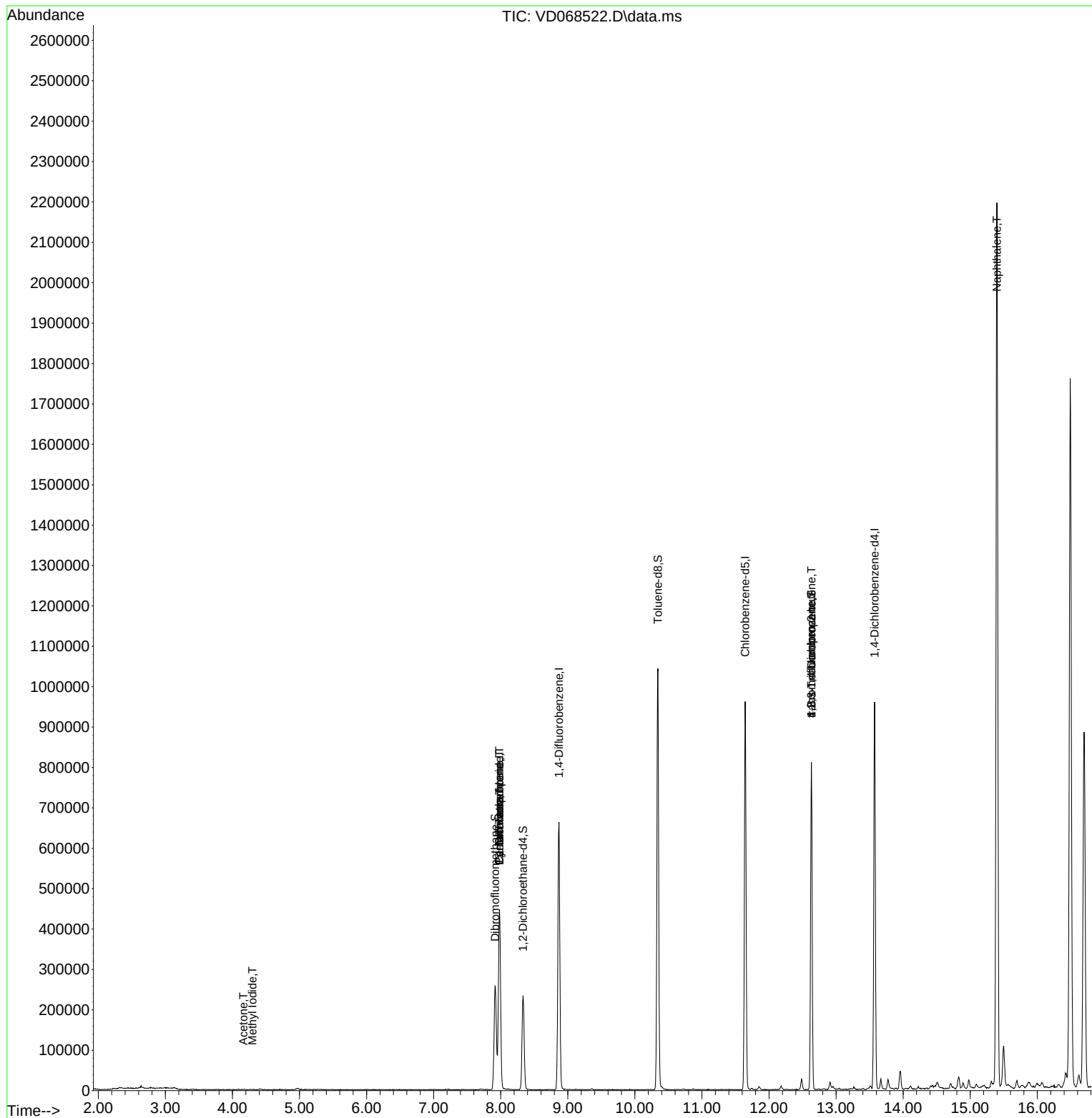
Internal Standards						
1) Pentafluorobenzene	7.979	168	346494	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	601713	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	576207	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	259316	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	184983	53.43	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.86%
35) Dibromofluoromethane	7.914	113	188538	52.01	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.02%
50) Toluene-d8	10.344	98	752957	52.15	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.30%
62) 4-Bromofluorobenzene	12.632	95	248576	53.42	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.84%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.297	142	193	2.66	ug/l #	38
16) Acetone	4.162	43	733	1.33	ug/l #	44
20) Methylene Chloride	4.973	84	2740	Below Cal	#	63
31) Cyclohexane	7.979	56	7819	1.24	ug/l #	46
36) 1,1-Dichloropropene	7.979	75	26543	4.64	ug/l #	48
38) Carbon Tetrachloride	7.979	117	33492	6.23	ug/l #	16
76) 1,2,3-Trichloropropane	12.632	75	125894	54.69	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	125894	127.62	ug/l #	13
95) Naphthalene	15.396	128	1983725	195.08	ug/l	100

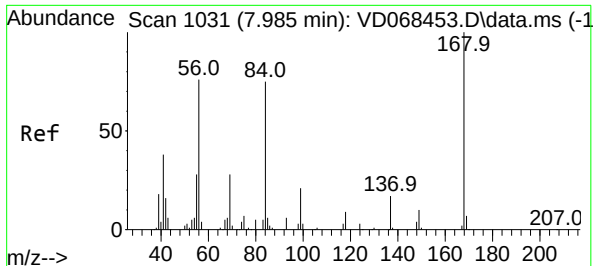
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
Data File : VD068522.D
Acq On : 04 Mar 2021 13:44
Operator : VA/SY
Sample : M1553-04
Misc : 6.24G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 05 00:01:10 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

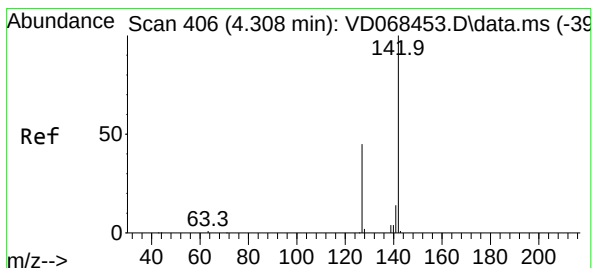
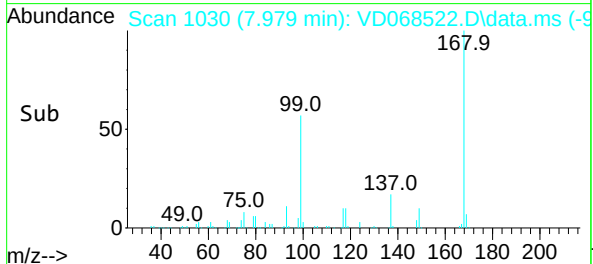
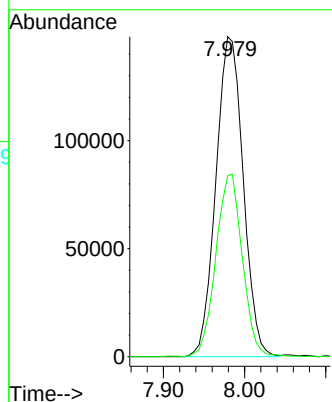
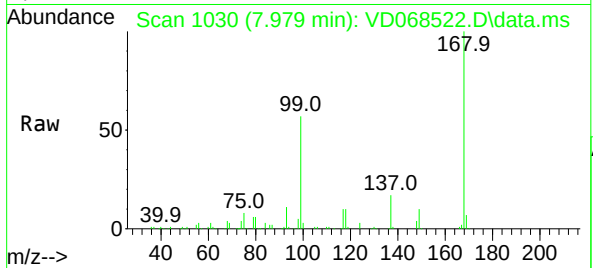




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

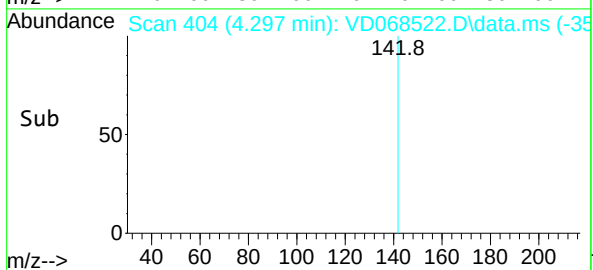
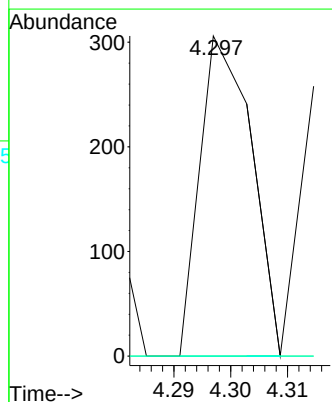
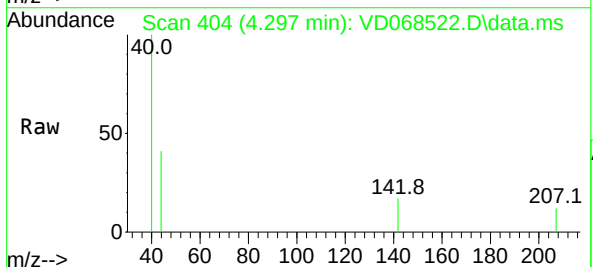
Instrument :
MSVOA_D
ClientSampleId :

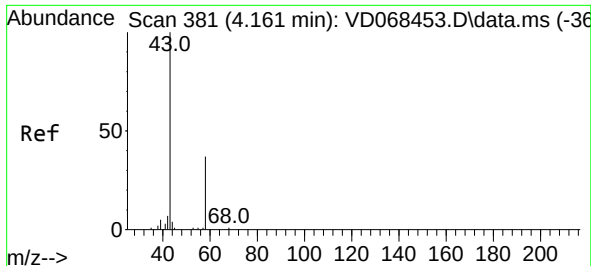
Tgt Ion:168 Resp: 346494
Ion Ratio Lower Upper
168 100
99 56.4 43.5 65.3



#10
Methyl Iodide
Concen: 2.66 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.011 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion:142 Resp: 193
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

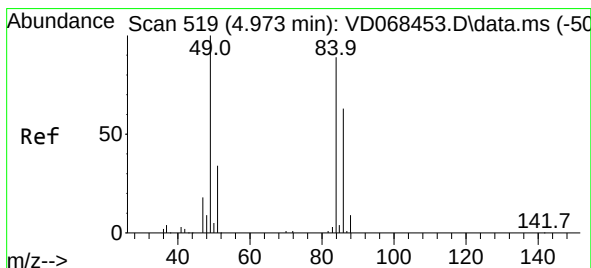
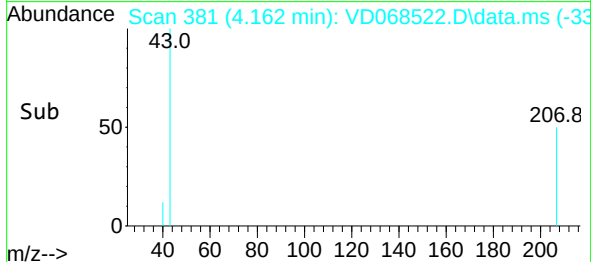
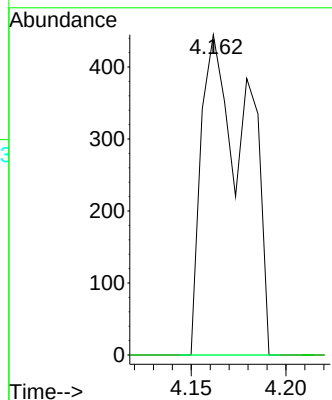
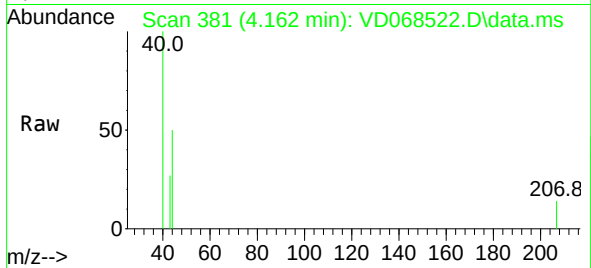




#16
Acetone
Concen: 1.33 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

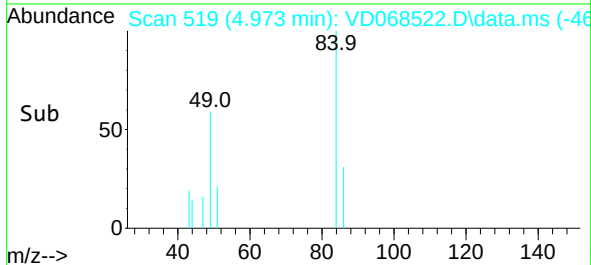
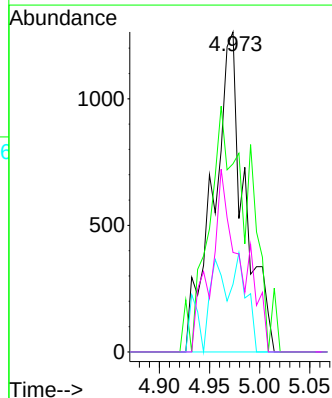
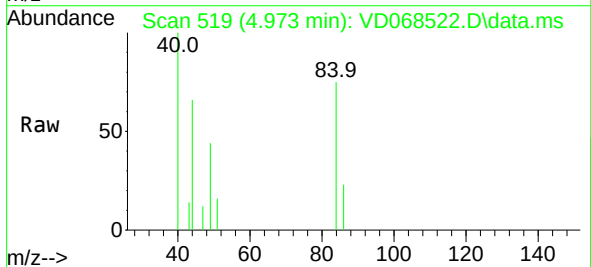
Instrument :
MSVOA_D
ClientSampled :

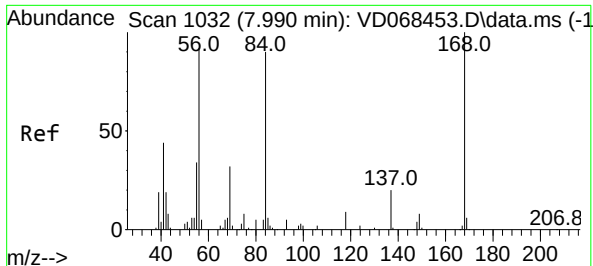
Tgt Ion: 43 Resp: 733
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.973 min Scan# 519
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion: 84 Resp: 2740
Ion Ratio Lower Upper
84 100
49 58.8 77.4 116.2#
51 21.1 26.1 39.1#
86 31.1 51.8 77.8#

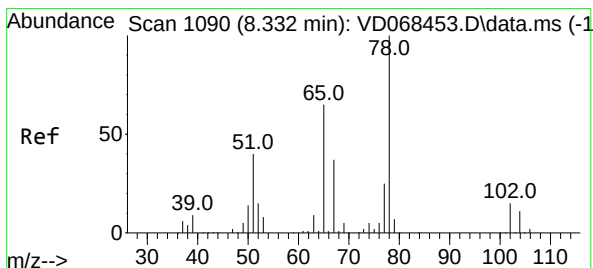
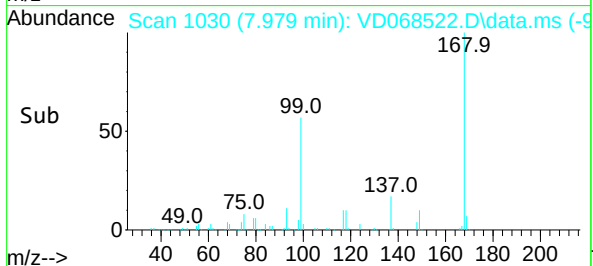
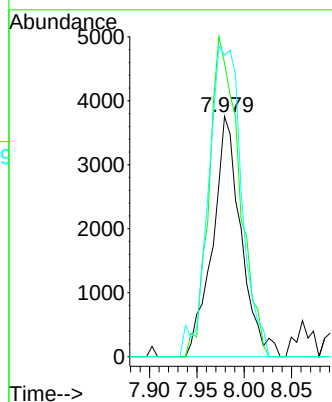
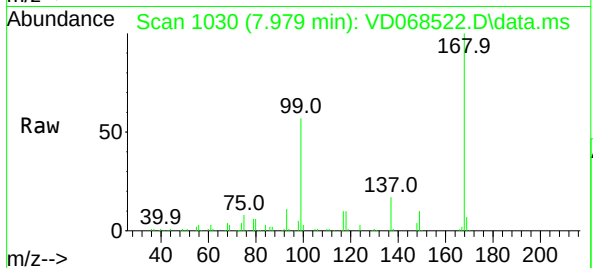




#31
Cyclohexane
Concen: 1.24 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

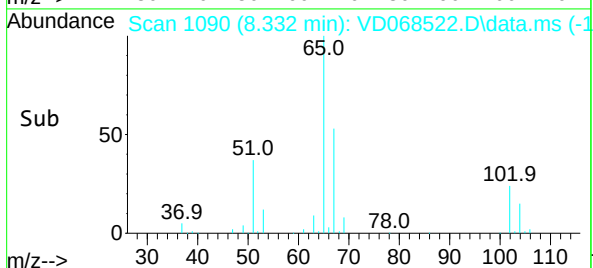
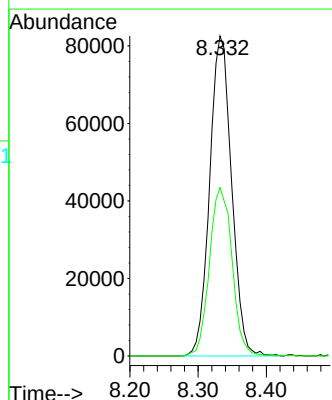
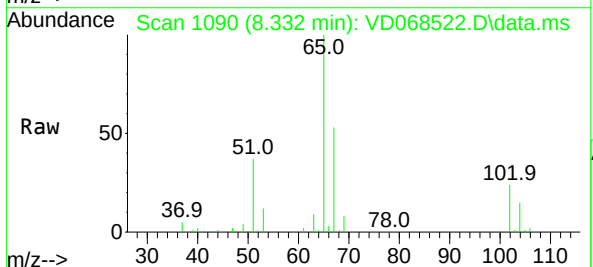
Instrument :
MSVOA_D
ClientSampleId :

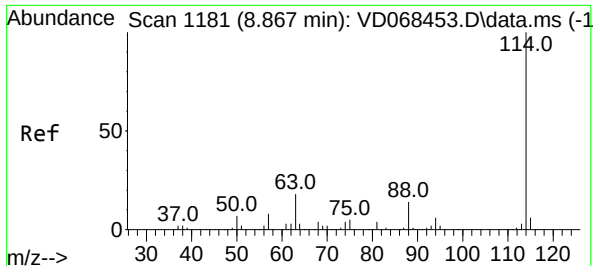
Tgt Ion: 56 Resp: 7819
Ion Ratio Lower Upper
56 100
69 122.2 30.1 45.1#
84 125.6 82.1 123.1#



#33
1,2-Dichloroethane-d4
Concen: 53.43 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion: 65 Resp: 184983
Ion Ratio Lower Upper
65 100
67 54.1 0.0 105.0

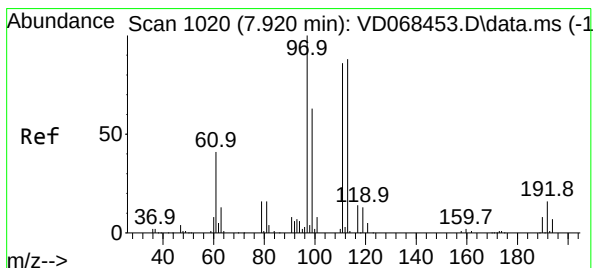
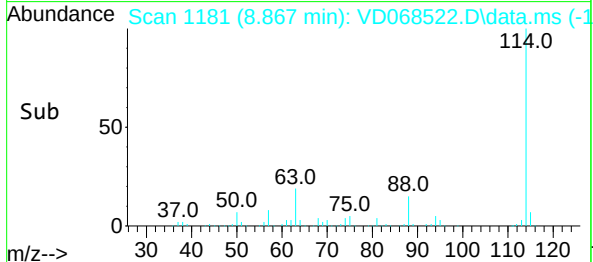
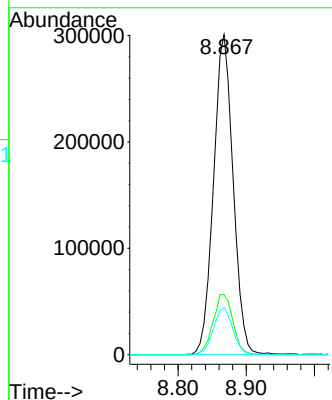
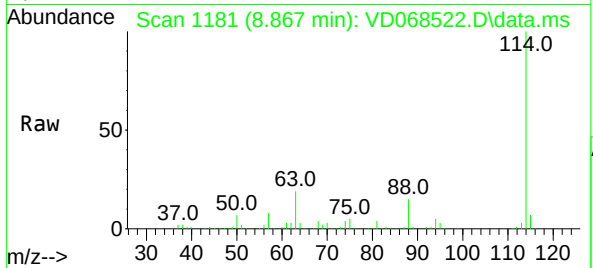




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

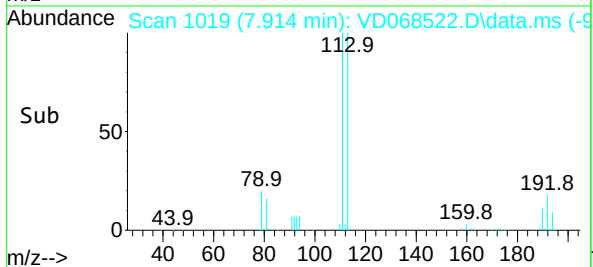
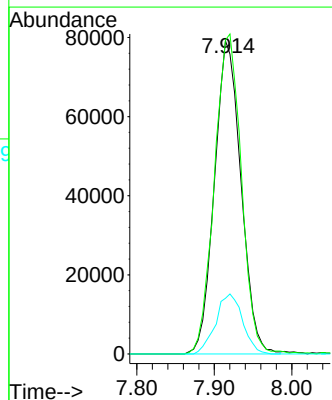
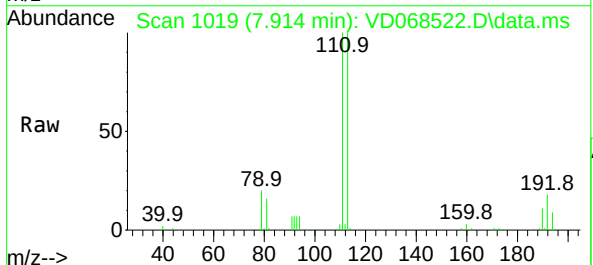
Instrument :
MSVOA_D
ClientSampleId :

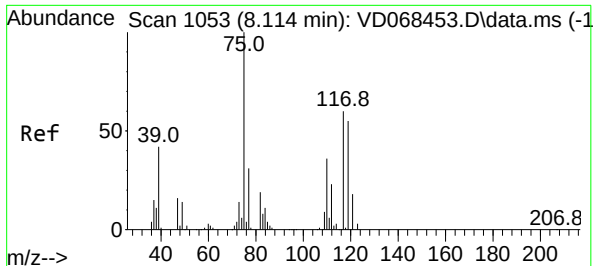
Tgt Ion:114 Resp: 601713
Ion Ratio Lower Upper
114 100
63 18.8 0.0 34.8
88 14.7 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.01 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion:113 Resp: 188538
Ion Ratio Lower Upper
113 100
111 103.9 81.4 122.0
192 19.4 16.1 24.1

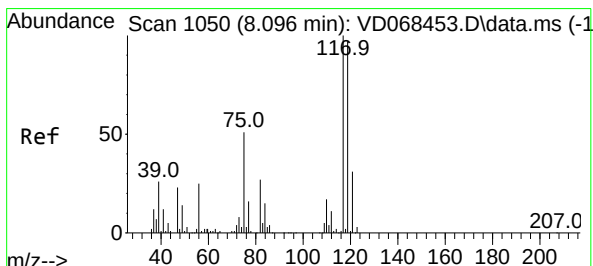
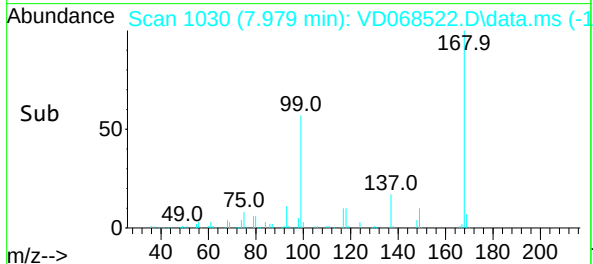
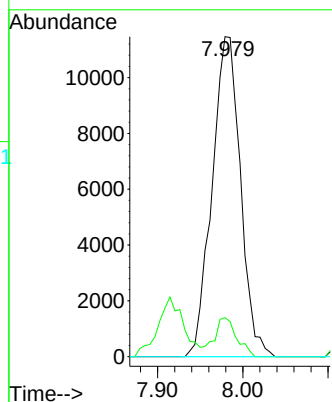
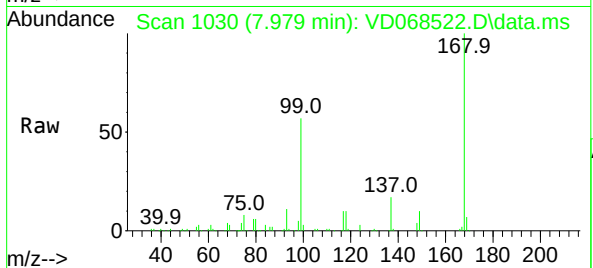




#36
1,1-Dichloropropene
Concen: 4.64 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

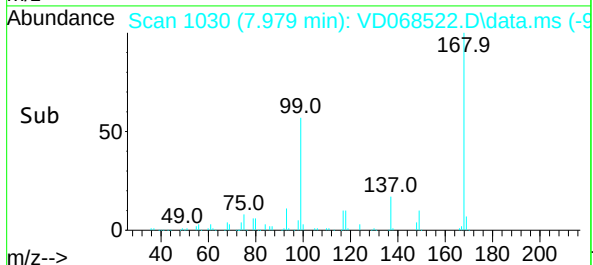
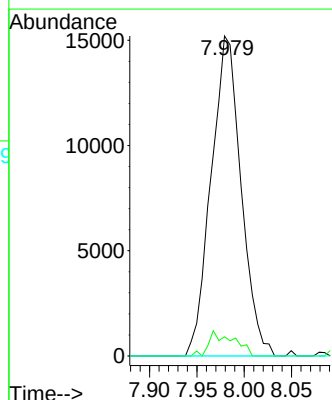
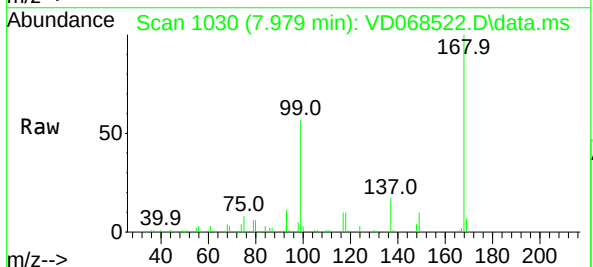
Instrument :
MSVOA_D
ClientSampleId :

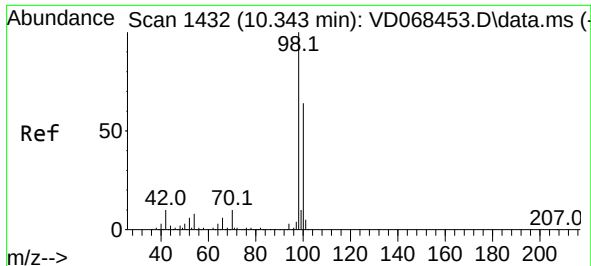
Tgt Ion: 75 Resp: 26543
Ion Ratio Lower Upper
75 100
110 9.7 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.23 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion: 117 Resp: 33492
Ion Ratio Lower Upper
117 100
119 6.0 77.3 115.9#
121 0.0 24.7 37.1#

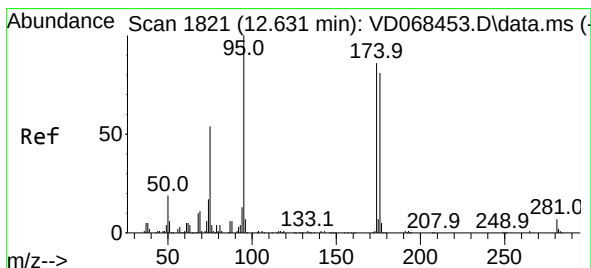
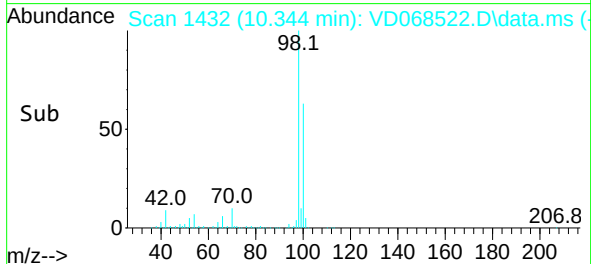
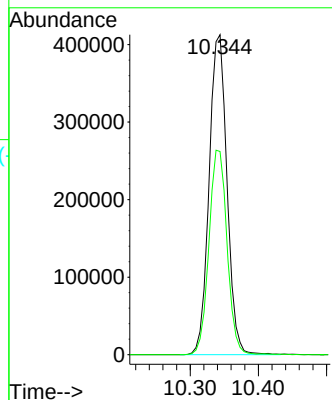
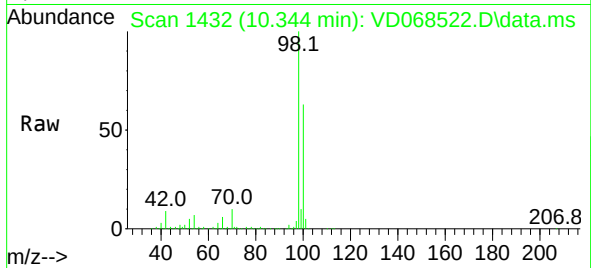




#50
Toluene-d8
Concen: 52.15 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

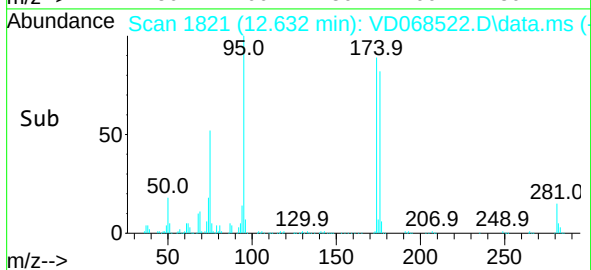
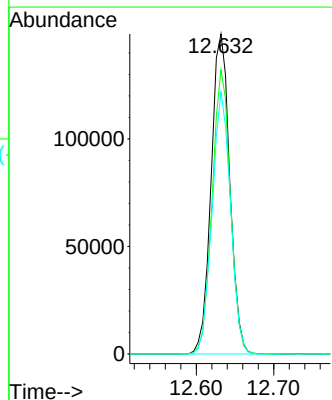
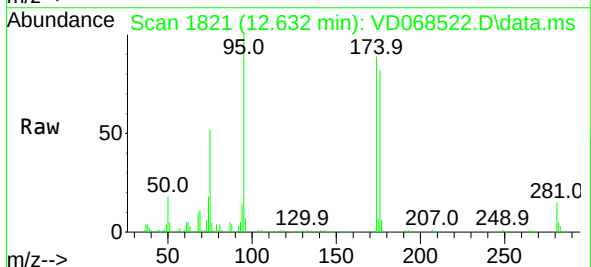
Instrument :
MSVOA_D
ClientSampleId :

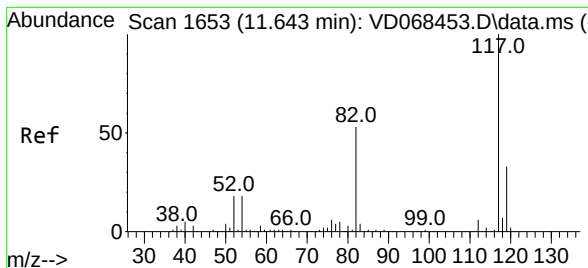
Tgt Ion: 98 Resp: 752957
Ion Ratio Lower Upper
98 100
100 64.9 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 53.42 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion: 95 Resp: 248576
Ion Ratio Lower Upper
95 100
174 86.8 0.0 172.4
176 81.1 0.0 168.4

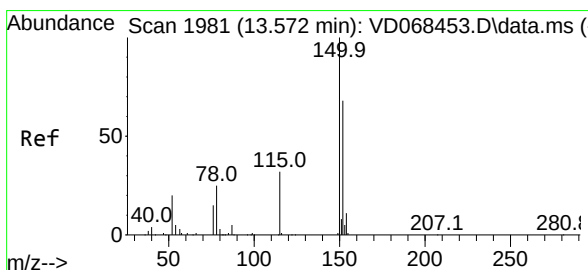
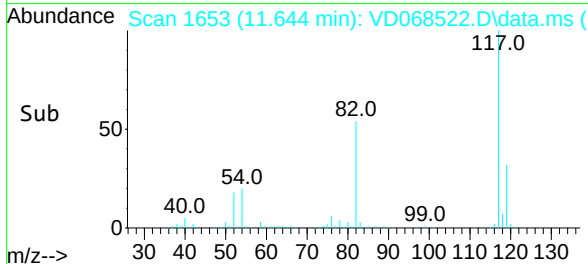
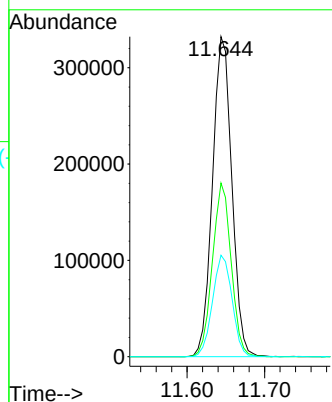
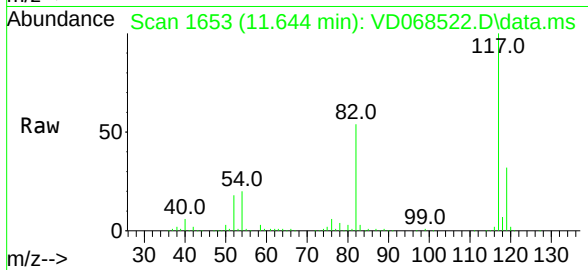




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

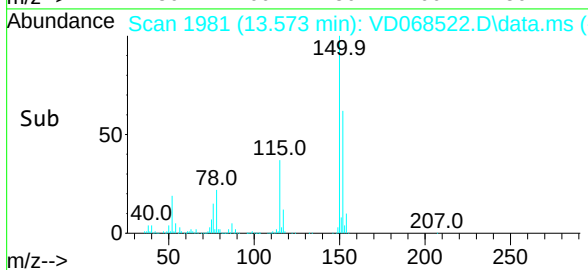
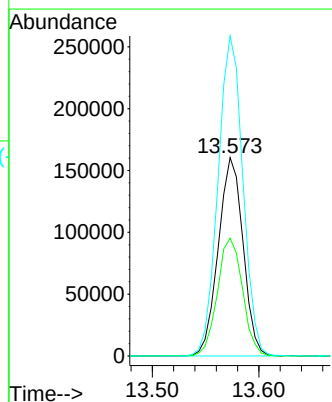
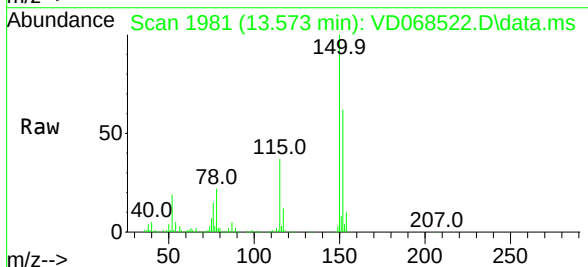
Instrument :
MSVOA_D
ClientSampled :

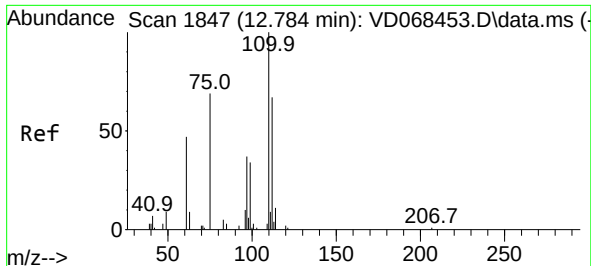
Tgt Ion:117 Resp: 576207
Ion Ratio Lower Upper
117 100
82 54.3 41.4 62.0
119 31.7 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Tgt Ion:152 Resp: 259316
Ion Ratio Lower Upper
152 100
115 60.0 28.9 86.8
150 161.5 0.0 344.4

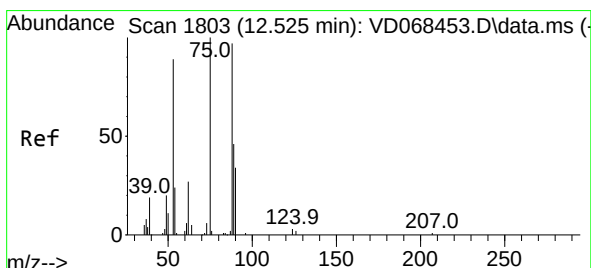
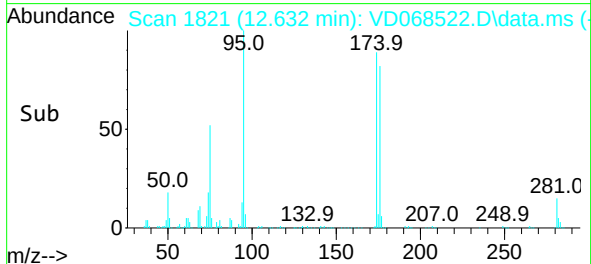
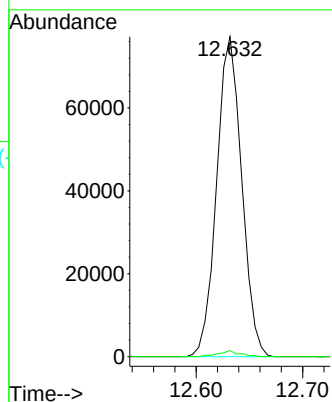
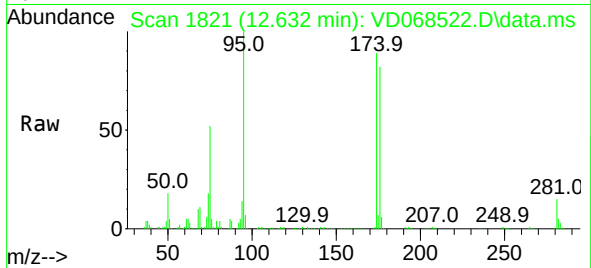




#76
1,2,3-Trichloropropane
Concen: 54.69 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

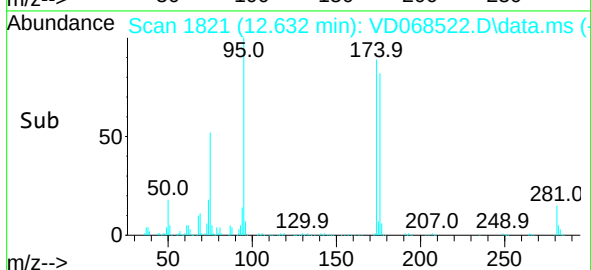
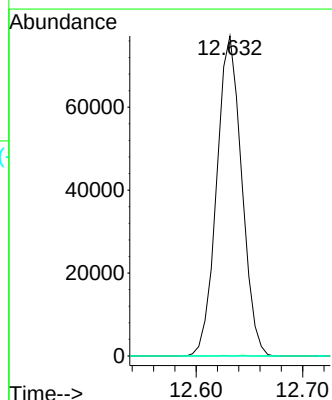
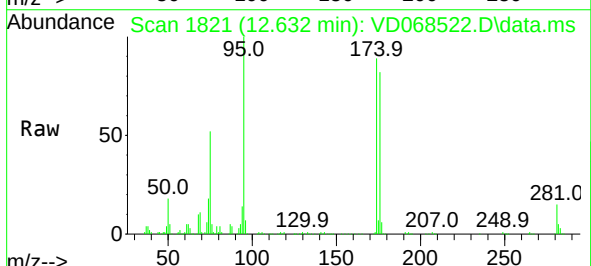
Instrument :
MSVOA_D
ClientSampleId :

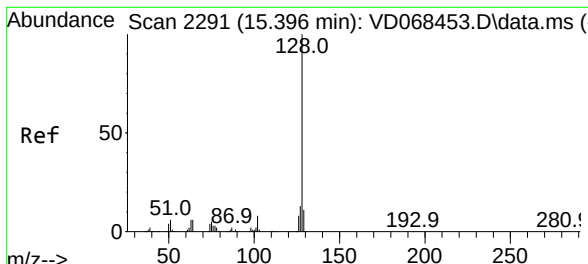
Tgt Ion: 75 Resp: 125894
Ion Ratio Lower Upper
75 100
77 1.6 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.62 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

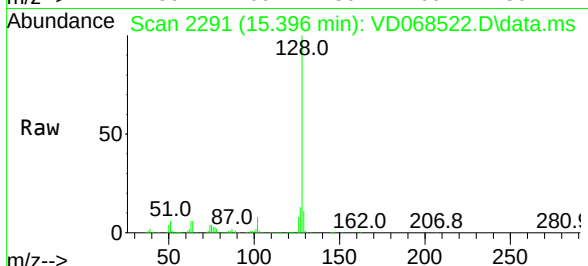
Tgt Ion: 75 Resp: 125894
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#





#95
Naphthalene
Concen: 195.08 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068522.D
Acq: 04 Mar 2021 13:44

Instrument :
MSVOA_D
ClientSampleId :



Tgt Ion:128 Resp: 1983725
Ion Ratio Lower Upper
128 100
127 12.8 10.2 15.2
129 10.8 8.8 13.2

