

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068524.D
 Acq On : 04 Mar 2021 14:41
 Operator : VA/SY
 Sample : M1568-03
 Misc : 5.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:01:40 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)

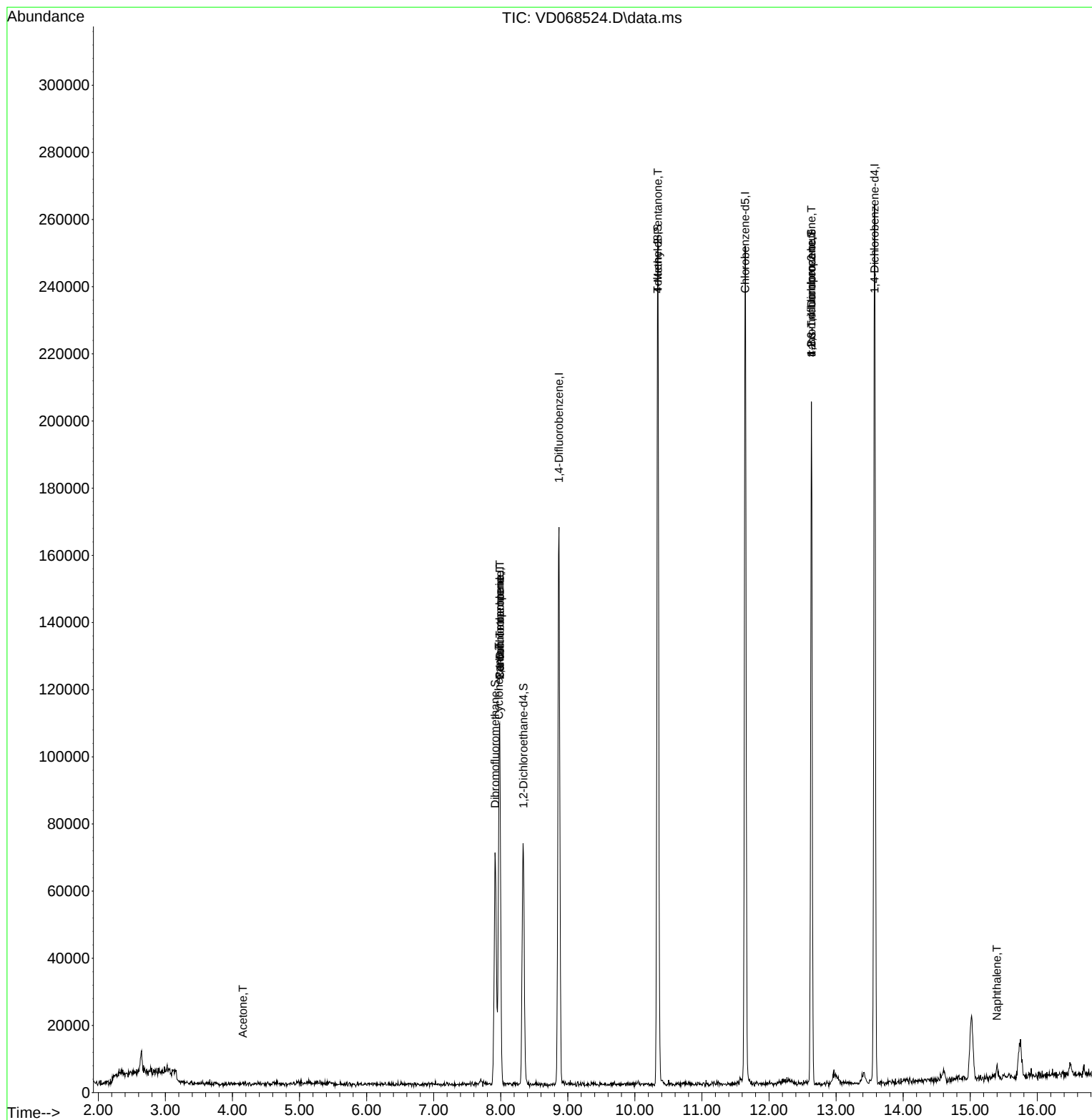
Internal Standards						
1) Pentafluorobenzene	7.985	168	84664	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	145984	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	150922	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	74261	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	56951	67.32	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 134.64%			
35) Dibromofluoromethane	7.914	113	48184	54.79	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 109.58%			
50) Toluene-d8	10.338	98	184384	52.64	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 105.28%			
62) 4-Bromofluorobenzene	12.632	95	66034	58.49	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 116.98%			
Target Compounds					Qvalue	
16) Acetone	4.156	43	437	3.25	ug/l #	44
20) Methylene Chloride	4.979	84	369	Below Cal	#	23
31) Cyclohexane	7.973	56	1593	1.04	ug/l #	7
36) 1,1-Dichloropropene	7.985	75	6589	4.75	ug/l #	41
38) Carbon Tetrachloride	7.985	117	7928	6.08	ug/l #	19
51) 4-Methyl-2-Pentanone	10.344	43	859	1.94	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	32176	48.81	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	32176	113.90	ug/l #	13
95) Naphthalene	15.396	128	3808	1.31	ug/l	97

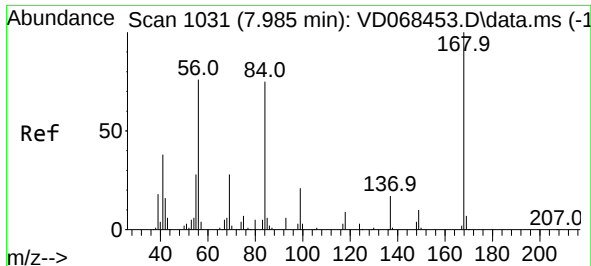
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
Data File : VD068524.D
Acq On : 04 Mar 2021 14:41
Operator : VA/SY
Sample : M1568-03
Misc : 5.26G/5.00ml/MSVOA_D/SOIL
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :

Quant Time: Mar 05 00:01:40 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

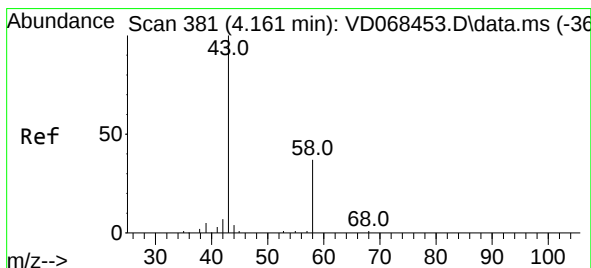
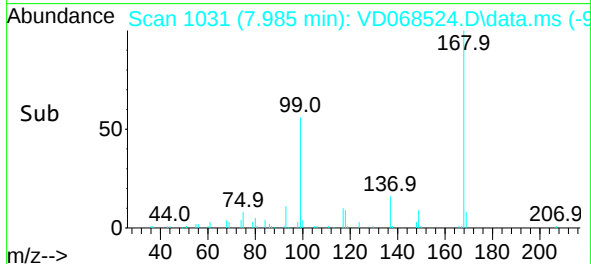
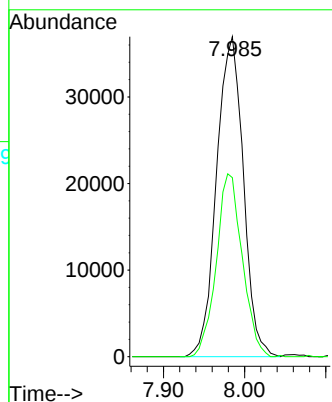
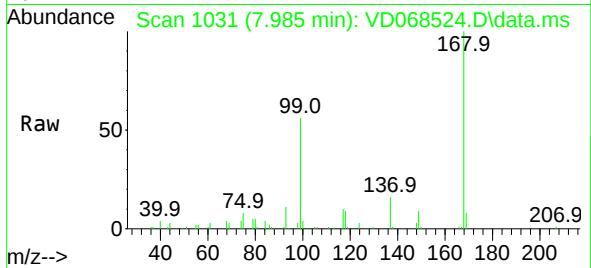




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.000 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

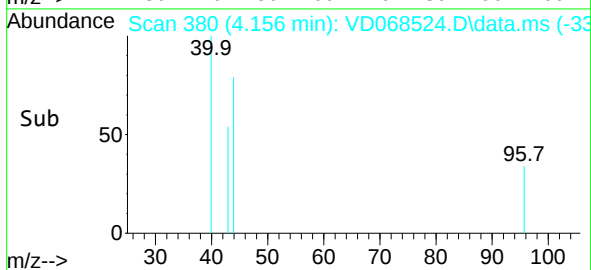
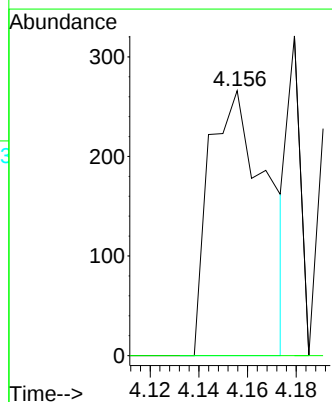
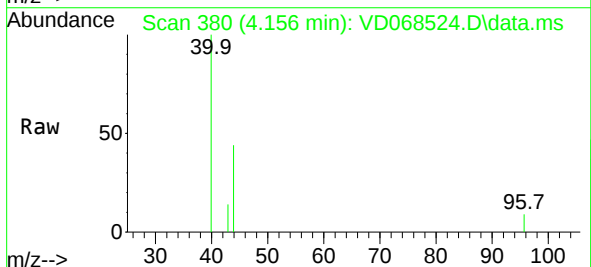
Instrument :
MSVOA_D
ClientSampled :

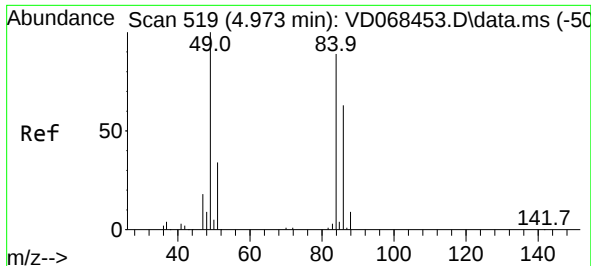
Tgt Ion:168 Resp: 84664
Ion Ratio Lower Upper
168 100
99 56.0 43.5 65.3



#16
Acetone
Concen: 3.25 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.005 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

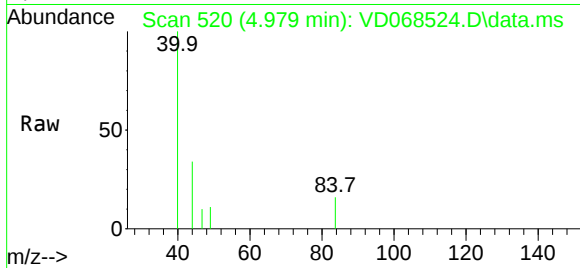
Tgt Ion: 43 Resp: 437
Ion Ratio Lower Upper
43 100
58 0.0 24.2 36.4#



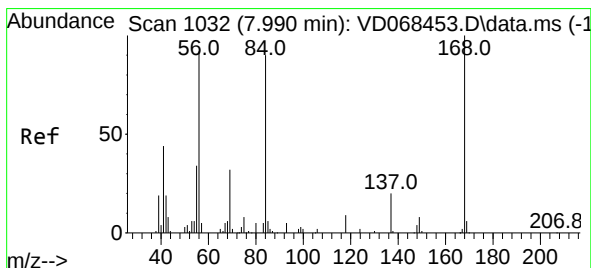
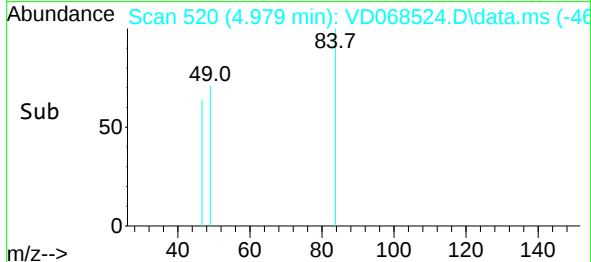
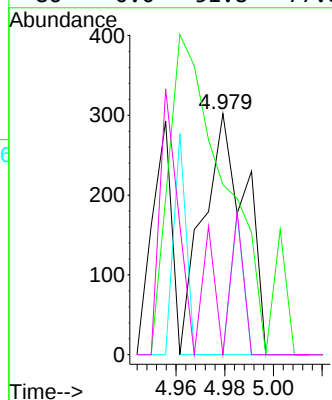


#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampled :

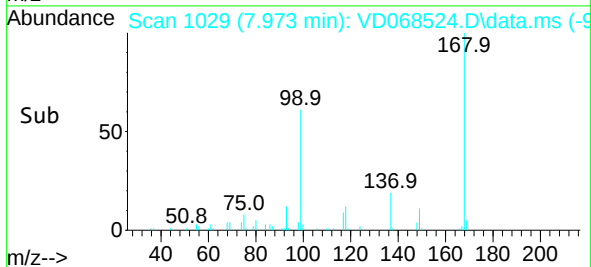
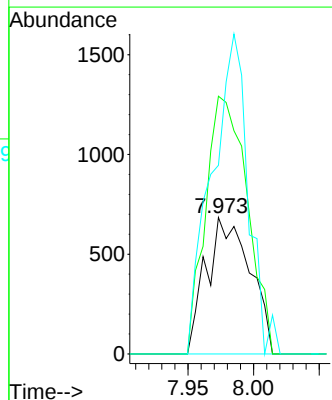
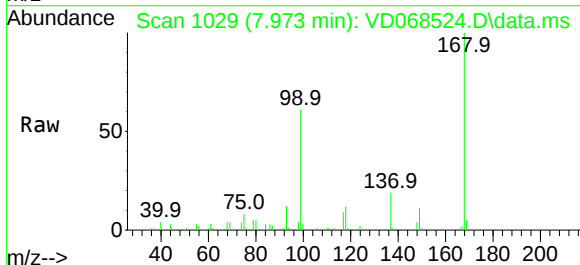


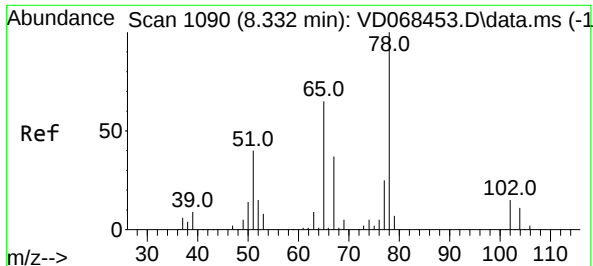
Tgt Ion:	84	Resp:	369
Ion	Ratio	Lower	Upper
84	100		
49	18.5	77.4	116.2#
51	0.0	26.1	39.1#
86	0.0	51.8	77.8#



#31
Cyclohexane
Concen: 1.04 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.017 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion:	56	Resp:	1593
Ion	Ratio	Lower	Upper
56	100		
69	188.9	30.1	45.1#
84	138.3	82.1	123.1#

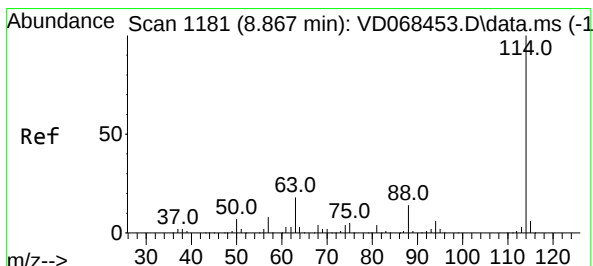
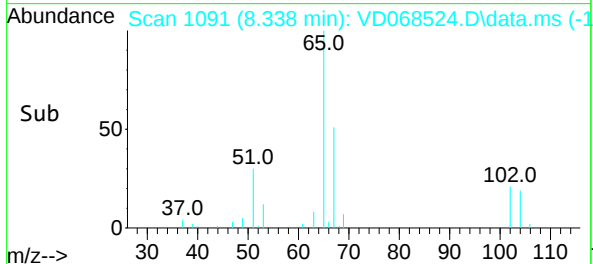
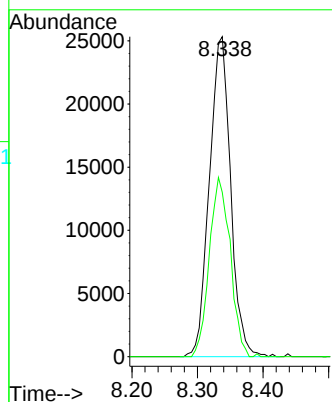
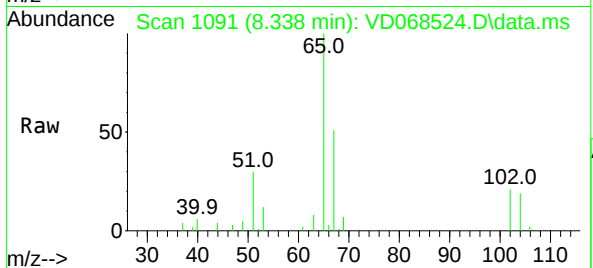




#33
1,2-Dichloroethane-d4
Concen: 67.32 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

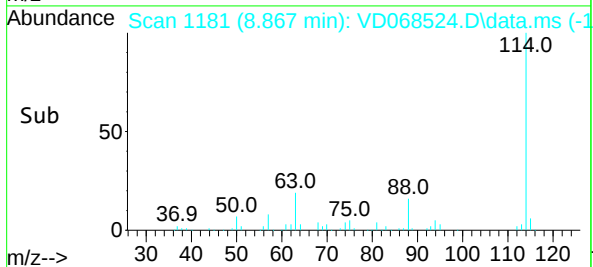
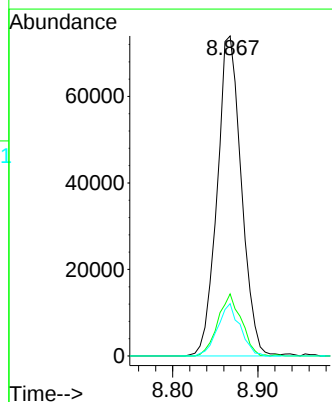
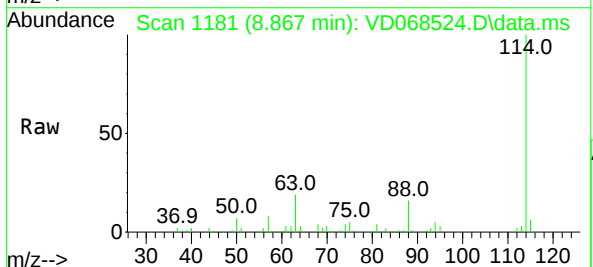
Instrument :
MSVOA_D
ClientSampled :

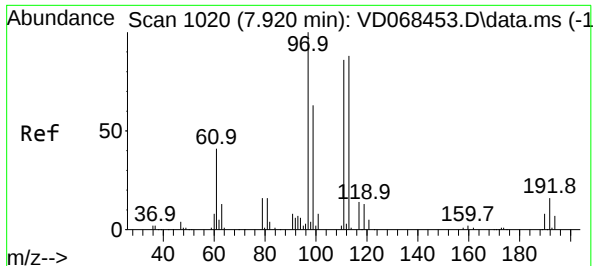
Tgt Ion: 65 Resp: 56951
Ion Ratio Lower Upper
65 100
67 55.1 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion: 114 Resp: 145984
Ion Ratio Lower Upper
114 100
63 19.4 0.0 34.8
88 16.3 0.0 31.6





#35

Dibromofluoromethane

Concen: 54.79 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.005 min

Lab File: VD068524.D

Acq: 04 Mar 2021 14:41

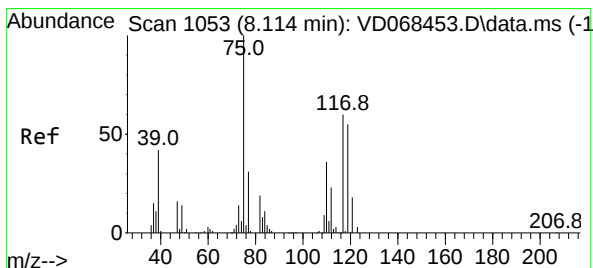
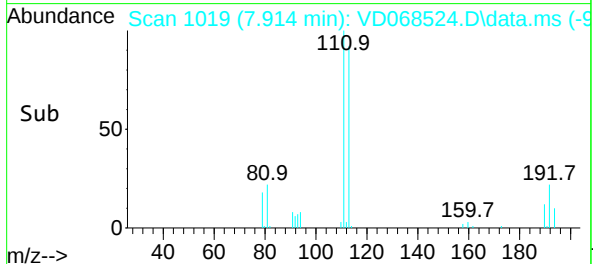
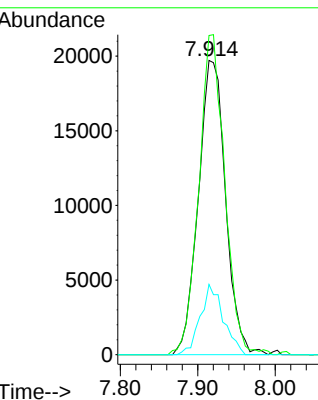
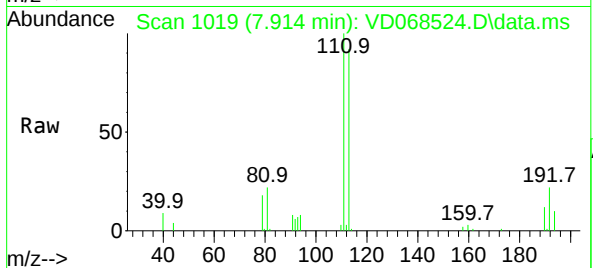
Tgt Ion:113 Resp: 48184

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

192 20.3 16.1 24.1



#36

1,1-Dichloropropene

Concen: 4.75 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. -0.129 min

Lab File: VD068524.D

Acq: 04 Mar 2021 14:41

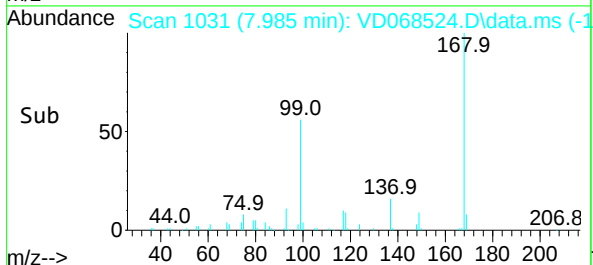
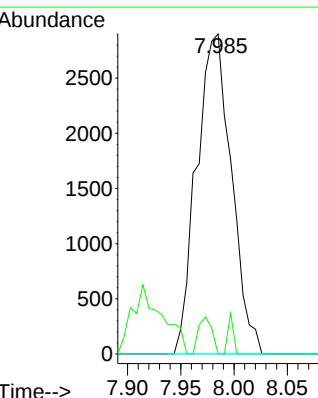
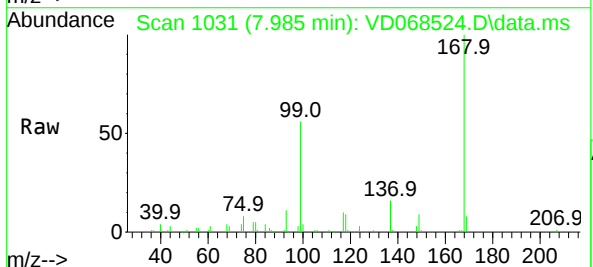
Tgt Ion: 75 Resp: 6589

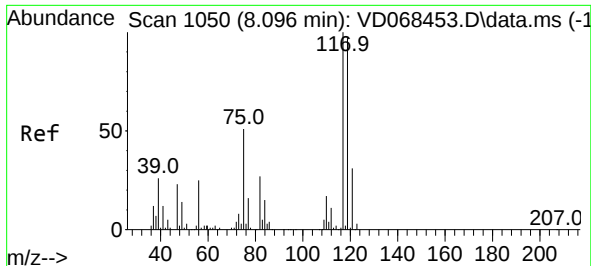
Ion Ratio Lower Upper

75 100

110 2.0 19.4 58.2#

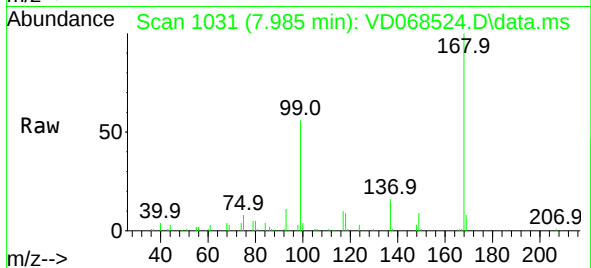
77 0.0 25.3 37.9#



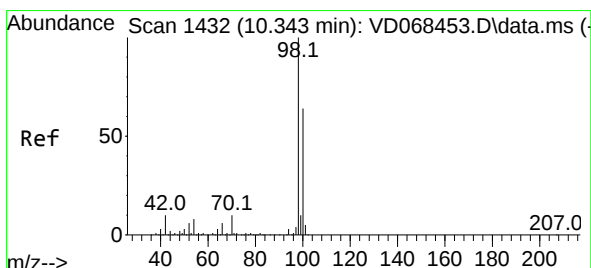
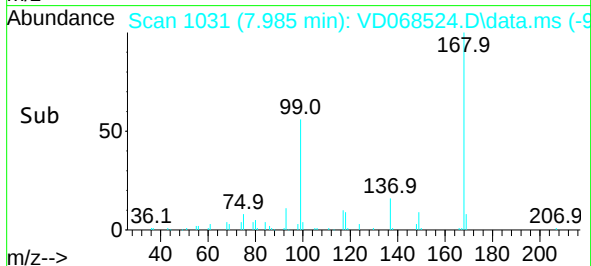
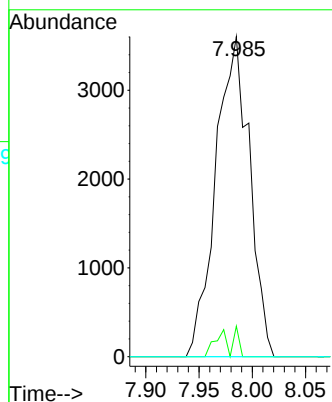


#38
Carbon Tetrachloride
Concen: 6.08 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.111 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampled :

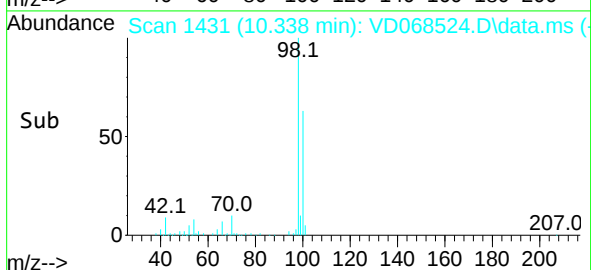
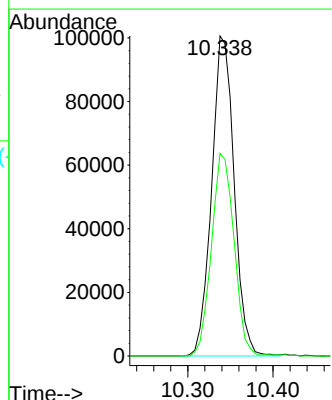
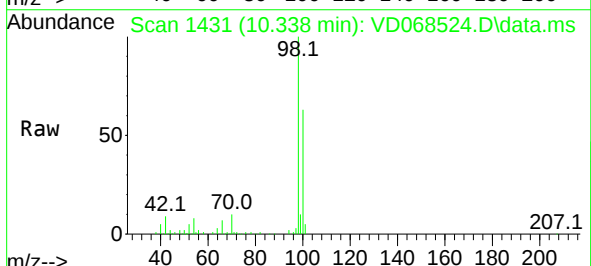


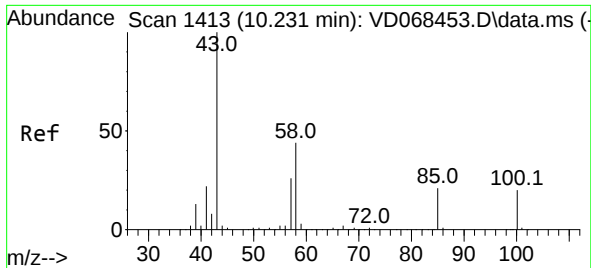
Tgt Ion:117 Resp: 7928
Ion Ratio Lower Upper
117 100
119 9.6 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 52.64 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion: 98 Resp: 184384
Ion Ratio Lower Upper
98 100
100 63.8 53.0 79.4

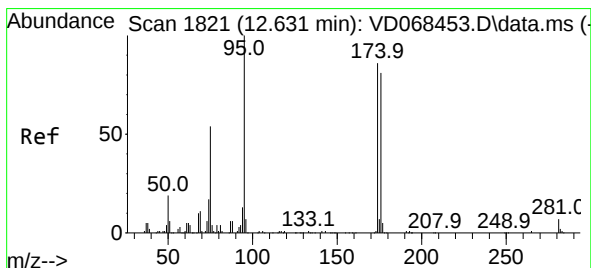
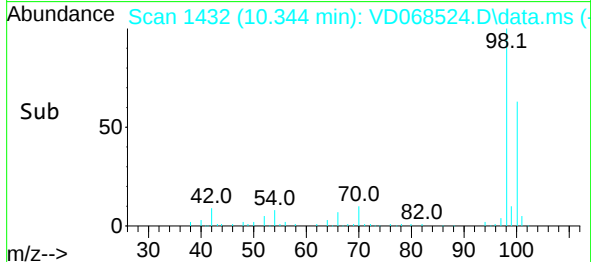
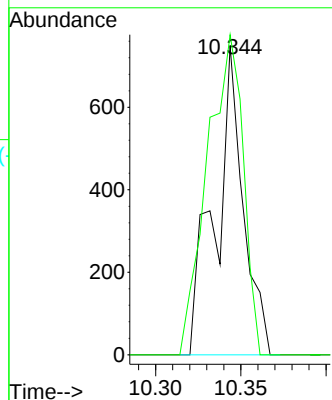
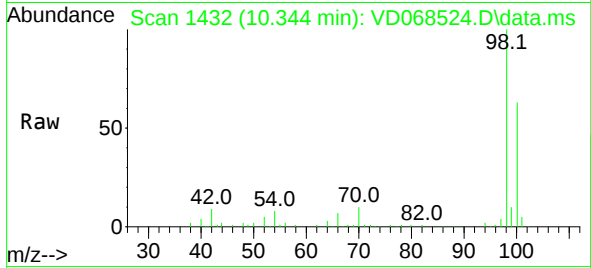




#51
4-Methyl-2-Pentanone
Concen: 1.94 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.112 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

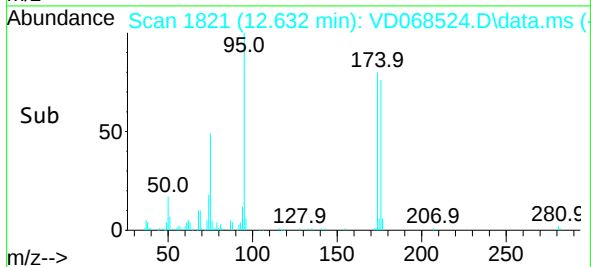
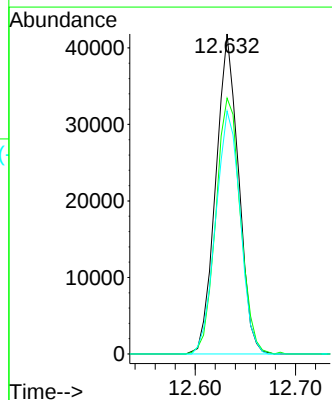
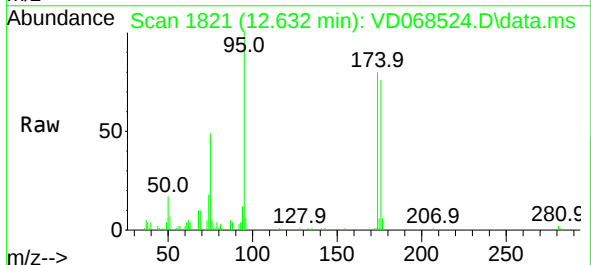
Instrument :
MSVOA_D
ClientSampled :

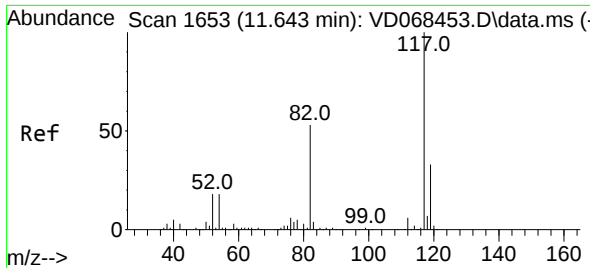
Tgt Ion: 43 Resp: 859
Ion Ratio Lower Upper
43 100
58 132.1 36.1 54.1#



#62
4-Bromofluorobenzene
Concen: 58.49 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion: 95 Resp: 66034
Ion Ratio Lower Upper
95 100
174 86.1 0.0 172.4
176 81.5 0.0 168.4

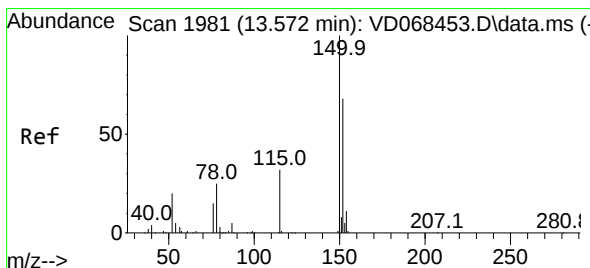
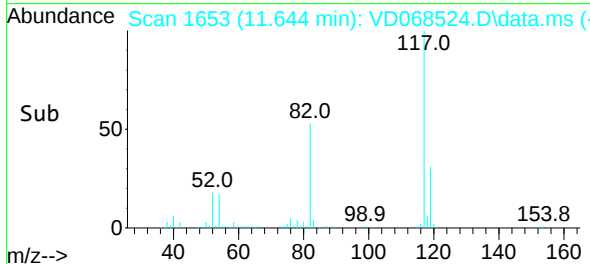
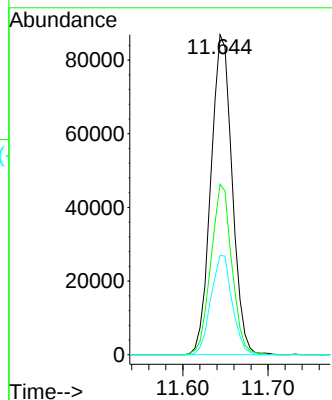
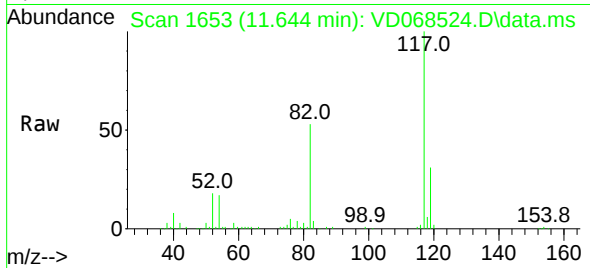




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

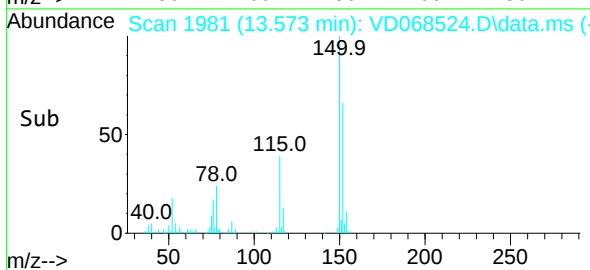
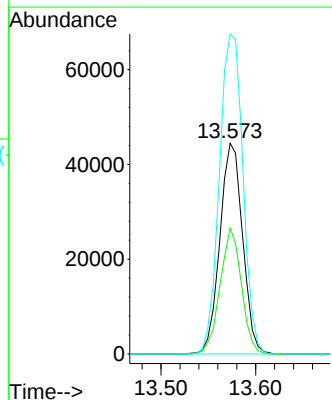
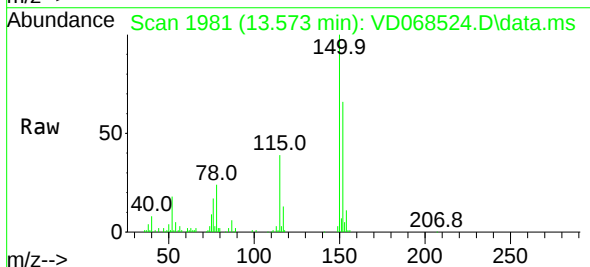
Instrument :
MSVOA_D
ClientSampleId :

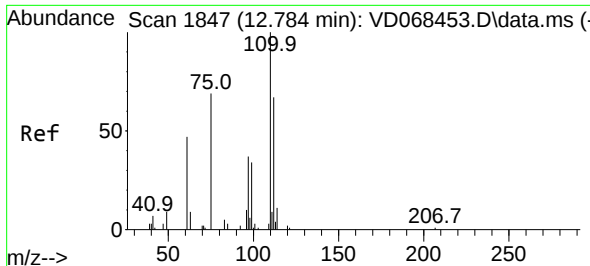
Tgt Ion:117 Resp: 150922
Ion Ratio Lower Upper
117 100
82 53.3 41.4 62.0
119 31.1 26.1 39.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion:152 Resp: 74261
Ion Ratio Lower Upper
152 100
115 55.9 28.9 86.8
150 157.1 0.0 344.4

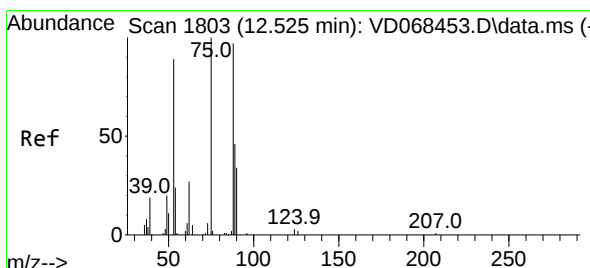
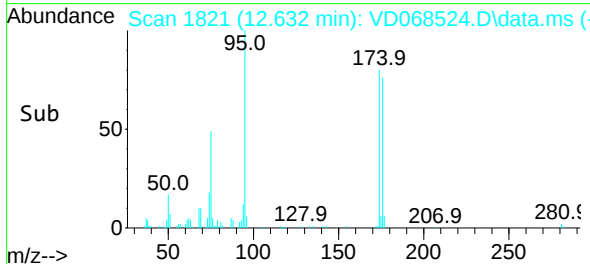
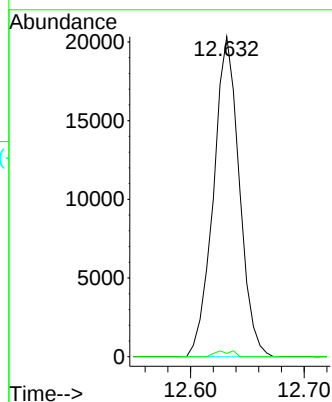
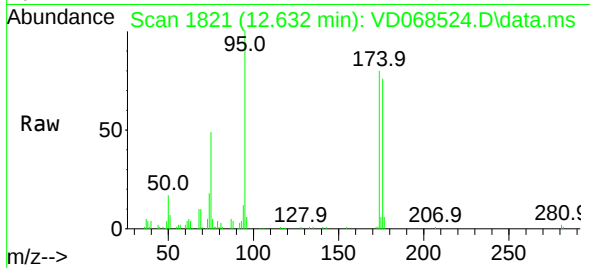




#76
1,2,3-Trichloropropane
Concen: 48.81 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

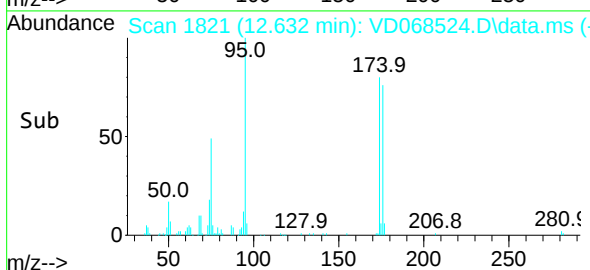
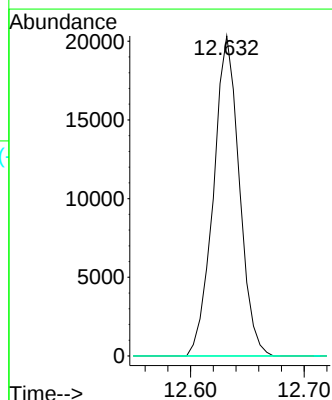
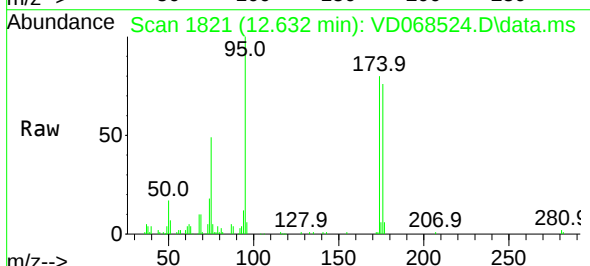
Instrument :
MSVOA_D
ClientSampleId :

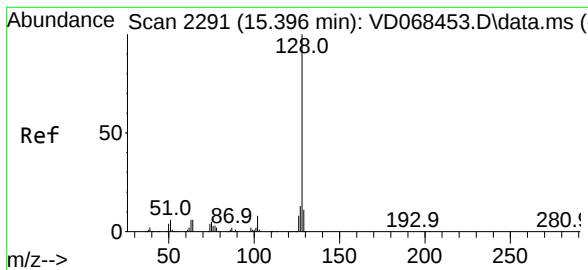
Tgt Ion: 75 Resp: 32176
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 113.90 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.106 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Tgt Ion: 75 Resp: 32176
Ion Ratio Lower Upper
75 100
53 0.0 70.2 105.2#
89 0.0 40.3 60.5#





#95
Naphthalene
Concen: 1.31 ug/l
RT: 15.396 min Scan# 2291
Delta R.T. 0.000 min
Lab File: VD068524.D
Acq: 04 Mar 2021 14:41

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion:	128	Resp:	3808
Ion	Ratio	Lower	Upper
128	100		
127	13.6	10.2	15.2
129	9.8	8.8	13.2

