

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068532.D
 Acq On : 04 Mar 2021 18:25
 Operator : VA/SY
 Sample : M1566-01
 Misc : 6.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:03:43 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)

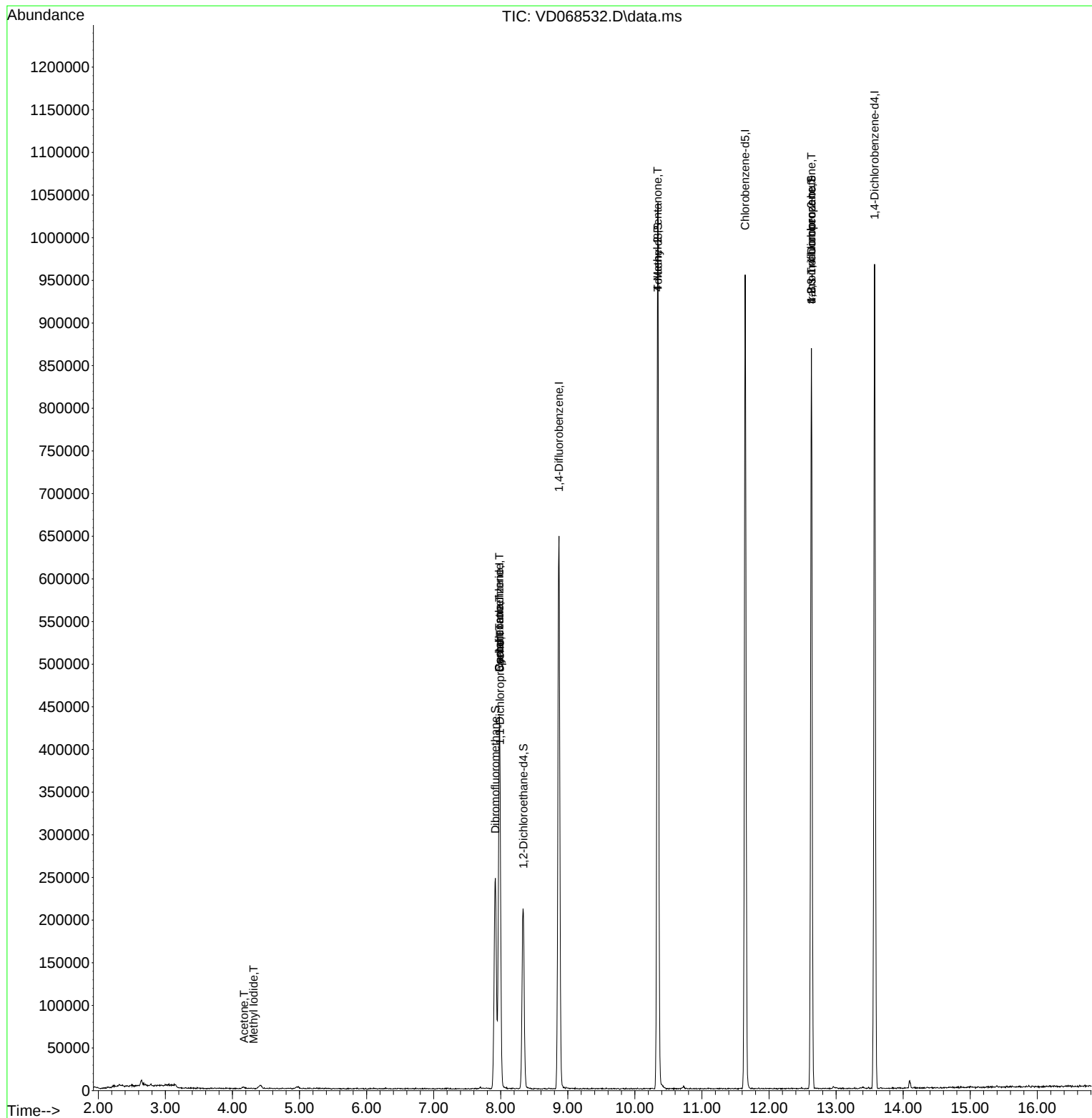
Internal Standards						
1) Pentafluorobenzene	7.979	168	340214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	586715	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	565119	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	263530	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	170890	50.27	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.54%			
35) Dibromofluoromethane	7.920	113	182778	51.71	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.42%			
50) Toluene-d8	10.344	98	731747	51.98	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.96%			
62) 4-Bromofluorobenzene	12.632	95	240650	53.04	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 106.08%			
Target Compounds						
10) Methyl Iodide	4.315	142	96	2.64	ug/l #	38
16) Acetone	4.173	43	2867	5.31	ug/l	96
20) Methylene Chloride	4.962	84	1831	Below Cal	#	78
31) Cyclohexane	7.979	56	6644	1.07	ug/l #	29
36) 1,1-Dichloropropene	7.991	75	25754	4.62	ug/l #	47
38) Carbon Tetrachloride	7.979	117	32922	6.28	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	2846	1.60	ug/l #	1
76) 1,2,3-Trichloropropane	12.632	75	120838	51.65	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	120838	120.53	ug/l #	14

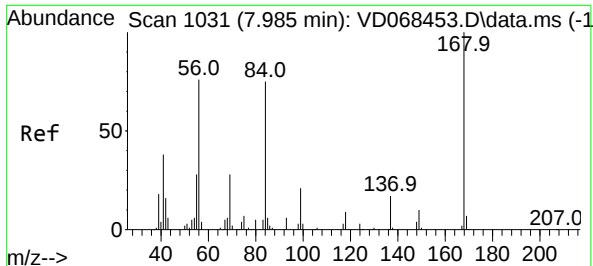
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ClientSampleId :

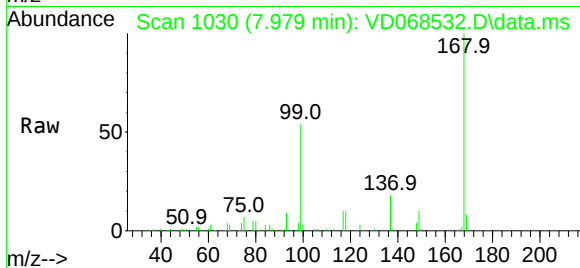
Quant Time: Mar 05 00:03:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
Response via : Initial Calibration



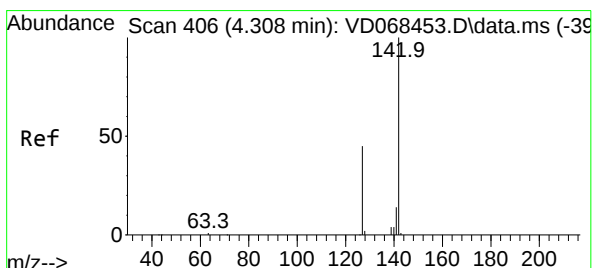
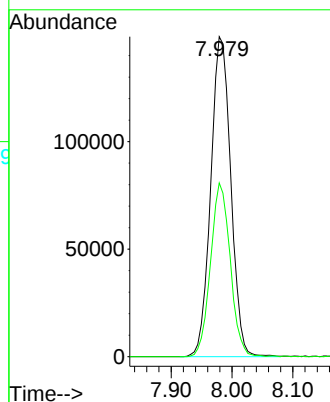
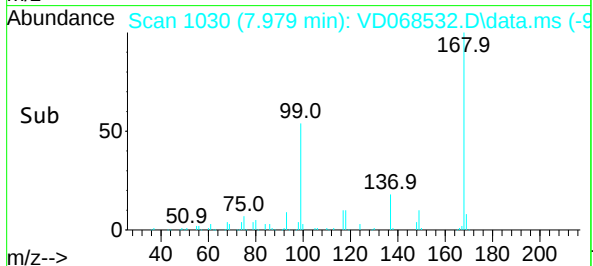


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

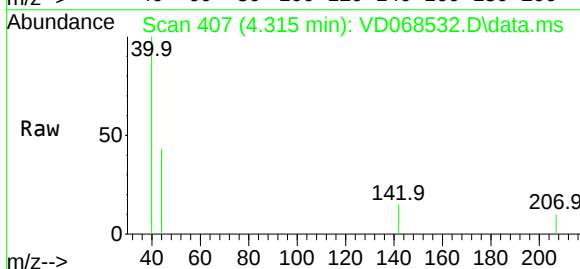
Instrument :
MSVOA_D
ClientSampleId :



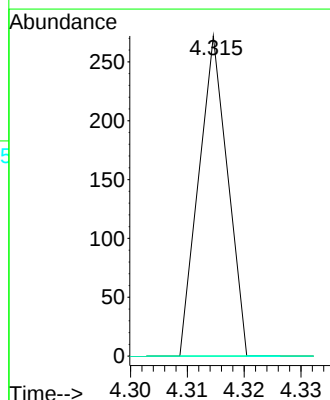
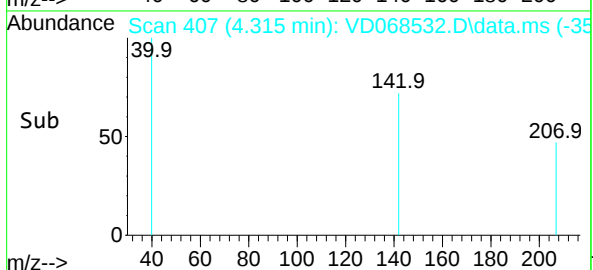
Tgt Ion:168 Resp: 340214
Ion Ratio Lower Upper
168 100
99 54.3 43.5 65.3

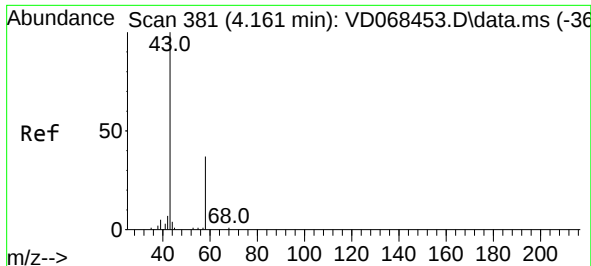


#10
Methyl Iodide
Concen: 2.64 ug/l
RT: 4.315 min Scan# 407
Delta R.T. 0.007 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25



Tgt Ion:142 Resp: 96
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

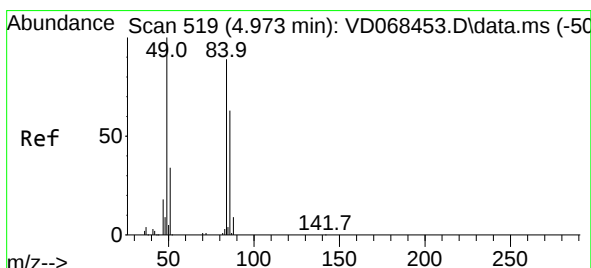
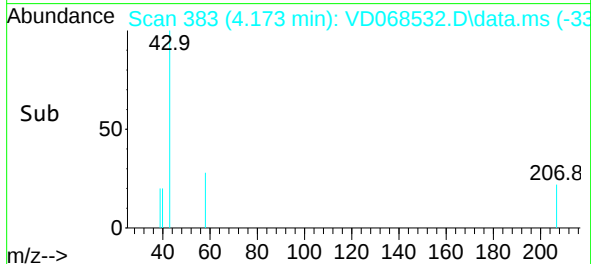
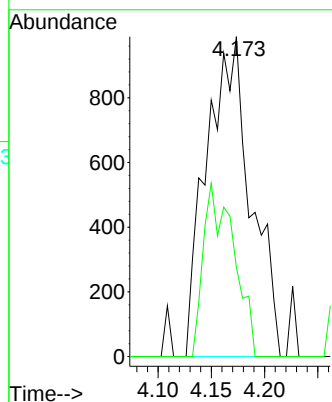
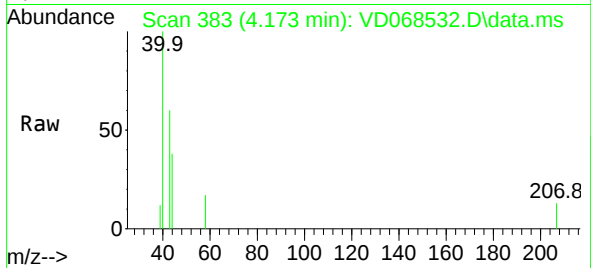




#16
Acetone
Concen: 5.31 ug/l
RT: 4.173 min Scan# 383
Delta R.T. 0.012 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

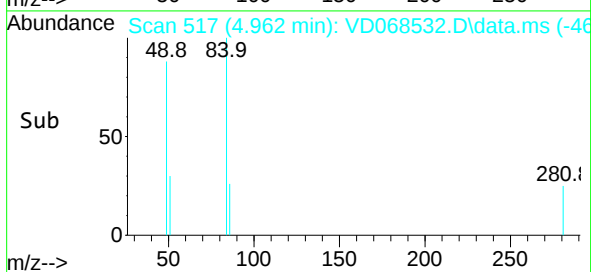
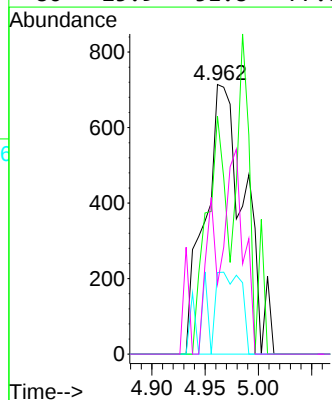
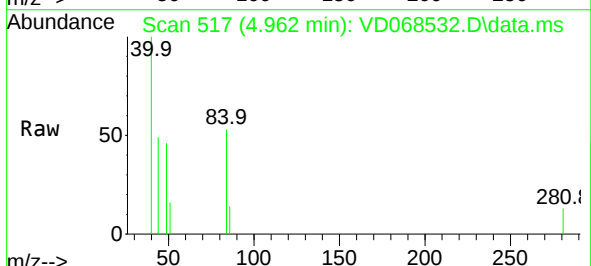
Instrument :
MSVOA_D
ClientSampled :

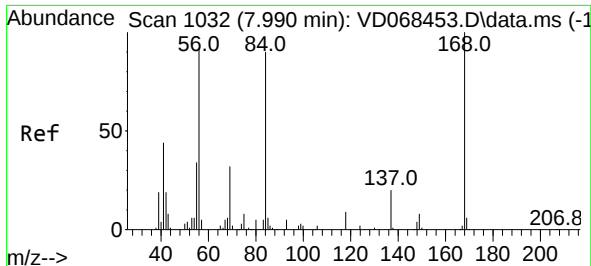
Tgt Ion: 43 Resp: 2867
Ion Ratio Lower Upper
43 100
58 28.0 24.2 36.4



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.011 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

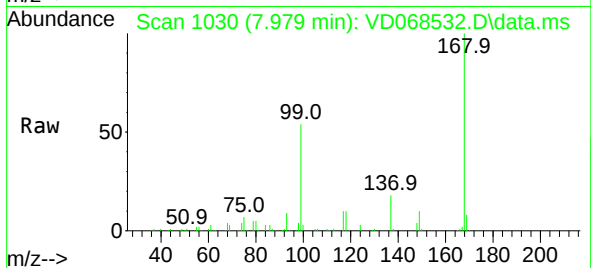
Tgt Ion: 84 Resp: 1831
Ion Ratio Lower Upper
84 100
49 88.2 77.4 116.2
51 30.3 26.1 39.1
86 25.9 51.8 77.8#



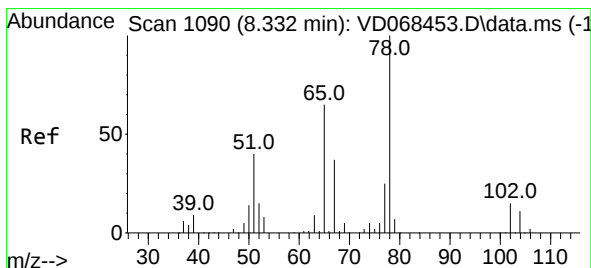
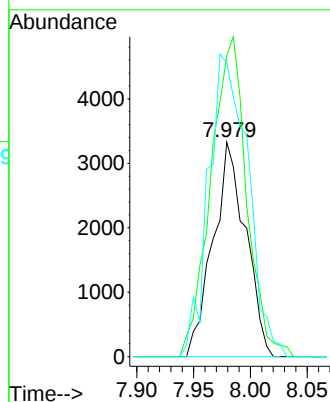
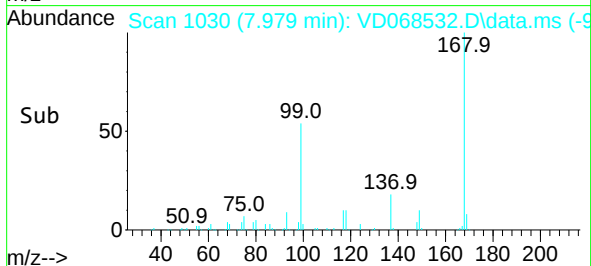


#31
Cyclohexane
Concen: 1.07 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

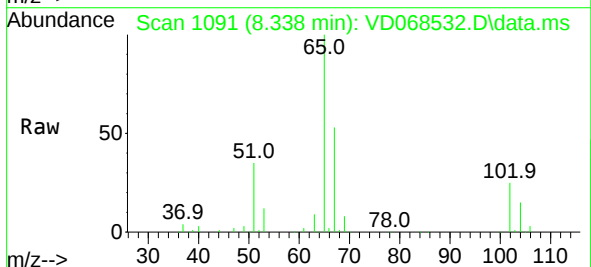
Instrument :
MSVOA_D
ClientSampleId :



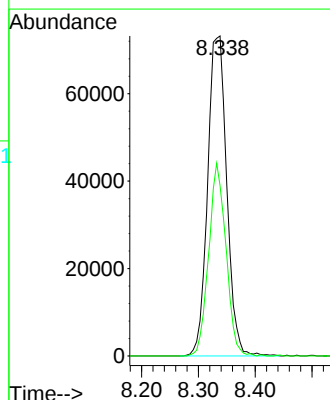
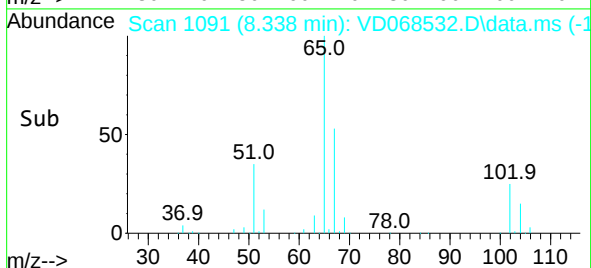
Tgt Ion: 56 Resp: 6644
Ion Ratio Lower Upper
56 100
69 140.4 30.1 45.1#
84 137.0 82.1 123.1#

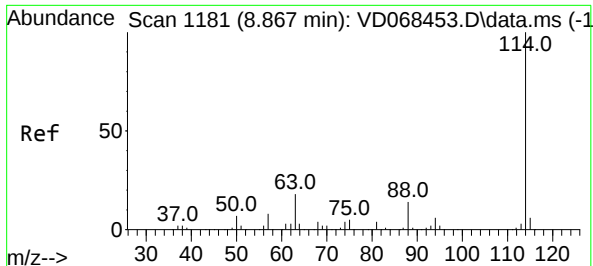


#33
1,2-Dichloroethane-d4
Concen: 50.27 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25



Tgt Ion: 65 Resp: 170890
Ion Ratio Lower Upper
65 100
67 54.3 0.0 105.0

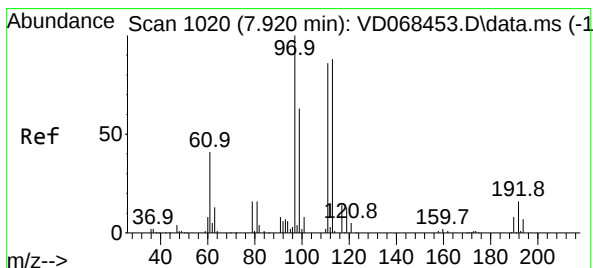
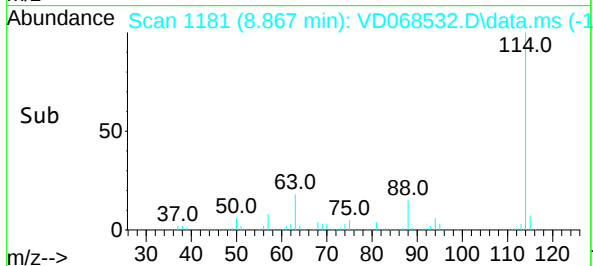
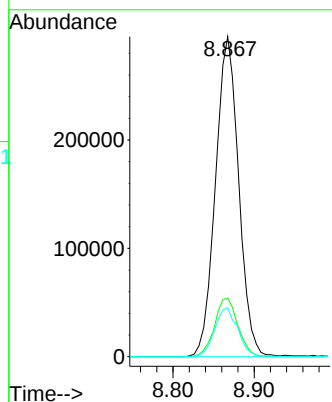
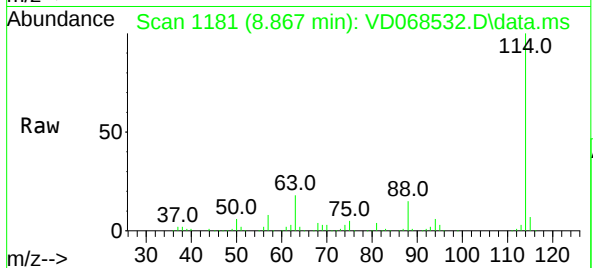




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

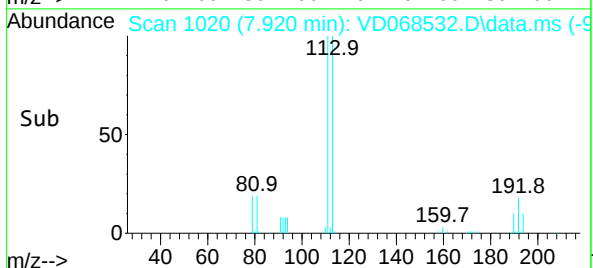
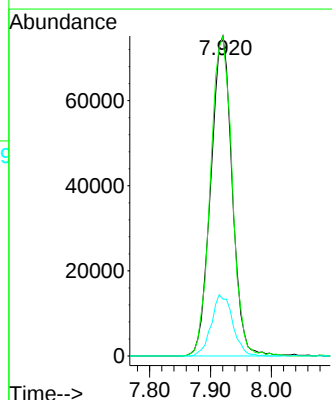
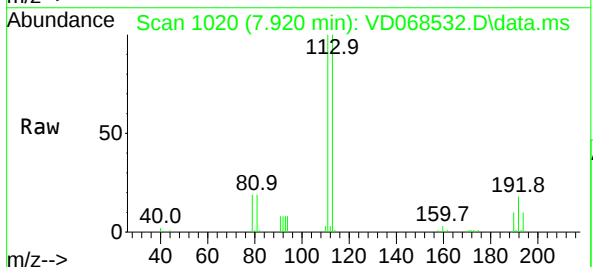
Instrument :
MSVOA_D
ClientSampled :

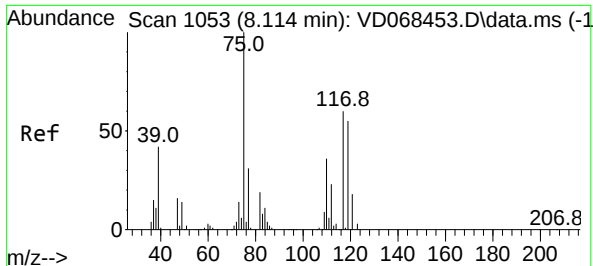
Tgt Ion:114 Resp: 586715
Ion Ratio Lower Upper
114 100
63 18.4 0.0 34.8
88 15.3 0.0 31.6



#35
Dibromofluoromethane
Concen: 51.71 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

Tgt Ion:113 Resp: 182778
Ion Ratio Lower Upper
113 100
111 101.7 81.4 122.0
192 19.2 16.1 24.1

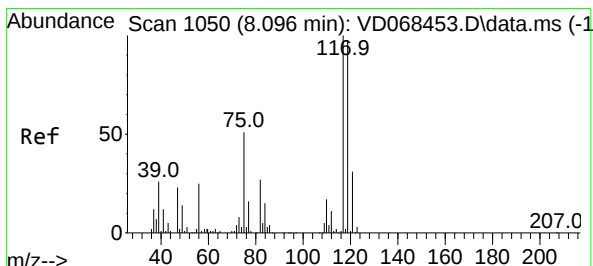
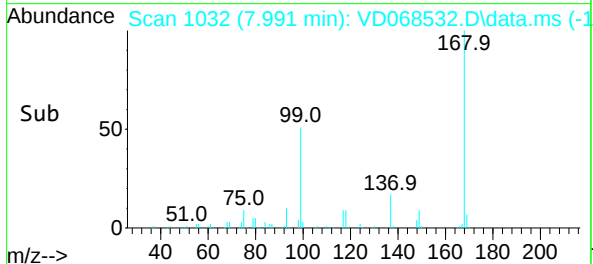
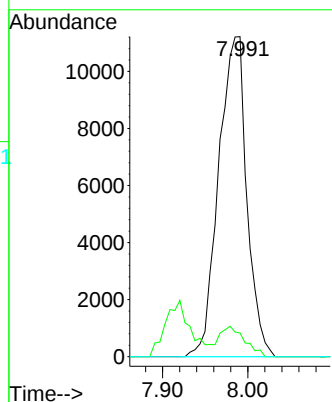
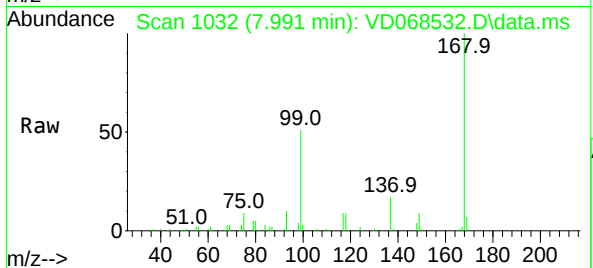




#36
1,1-Dichloropropene
Concen: 4.62 ug/l
RT: 7.991 min Scan# 1032
Delta R.T. -0.123 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

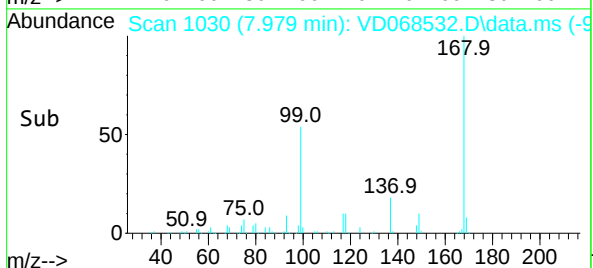
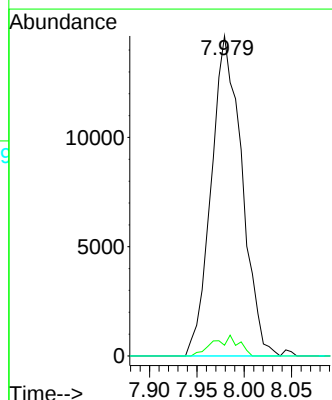
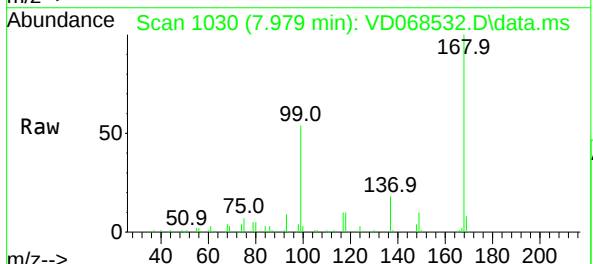
Instrument :
MSVOA_D
ClientSampled :

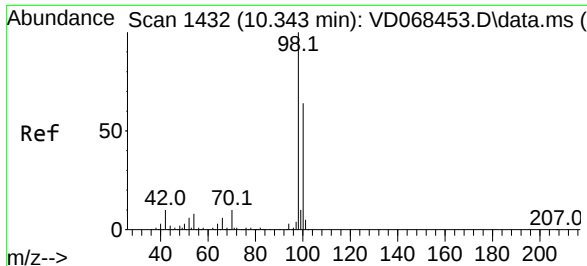
Tgt Ion: 75 Resp: 25754
Ion Ratio Lower Upper
75 100
110 8.1 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.28 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

Tgt Ion: 117 Resp: 32922
Ion Ratio Lower Upper
117 100
119 3.4 77.3 115.9#
121 0.0 24.7 37.1#

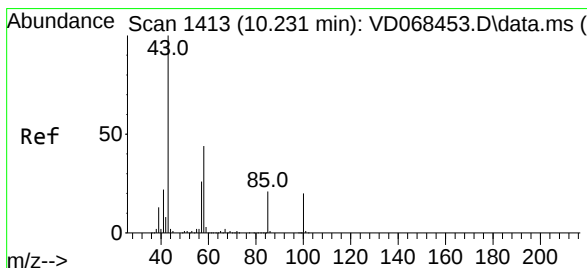
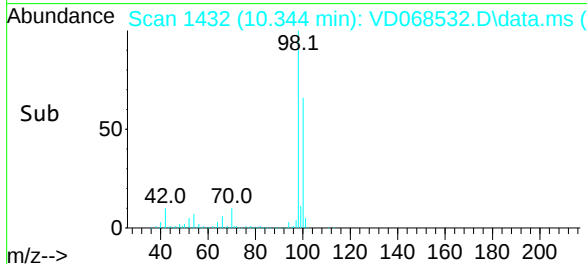
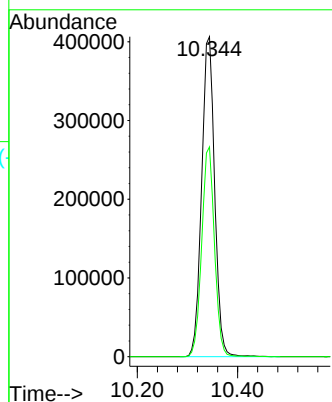
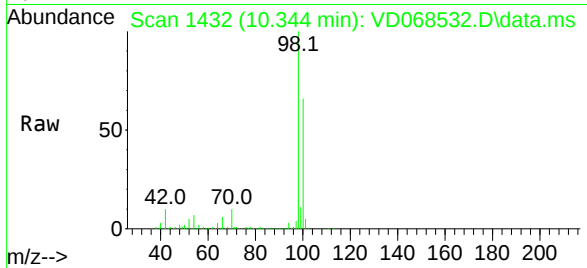




#50
Toluene-d8
Concen: 51.98 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

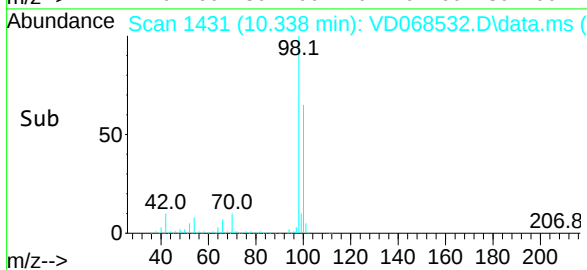
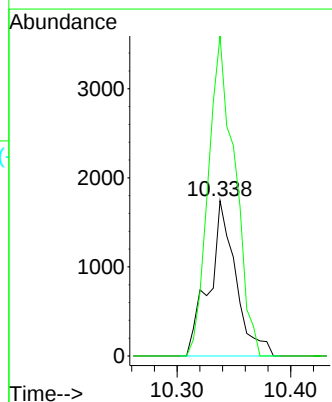
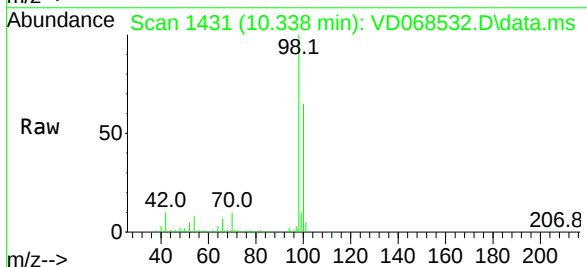
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MSVOA_D
ClientSampleId :

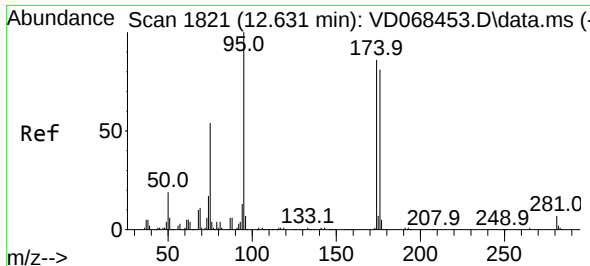
Tgt Ion: 98 Resp: 731747
Ion Ratio Lower Upper
98 100
100 64.4 53.0 79.4



#51
4-Methyl-2-Pentanone
Concen: 1.60 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.106 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

Tgt Ion: 43 Resp: 2846
Ion Ratio Lower Upper
43 100
58 205.3 36.1 54.1#

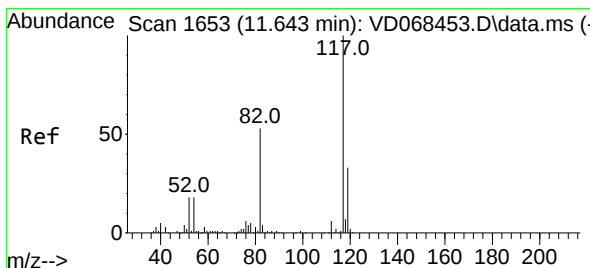
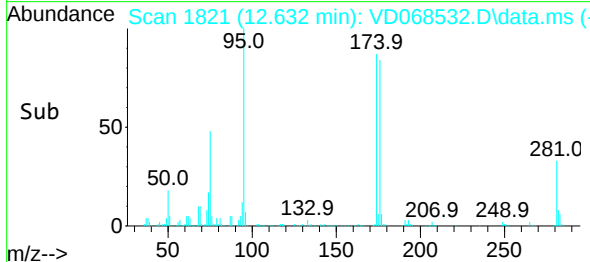
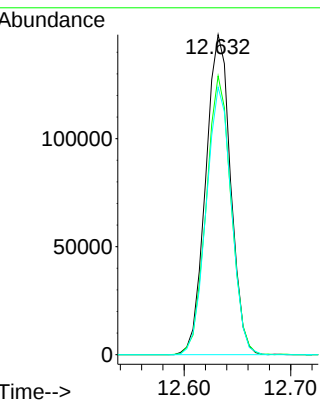
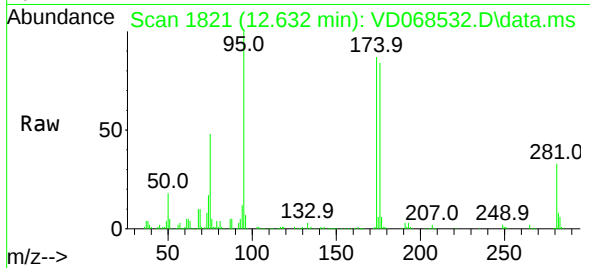




#62
4-Bromofluorobenzene
Concen: 53.04 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

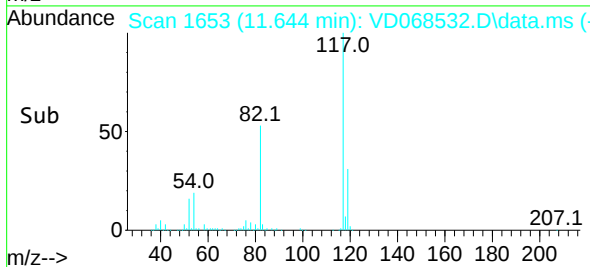
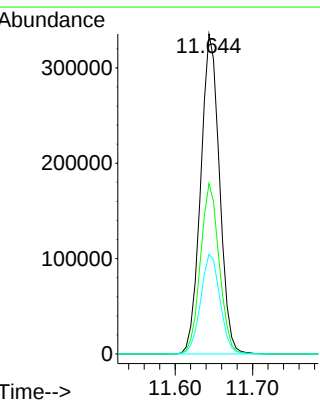
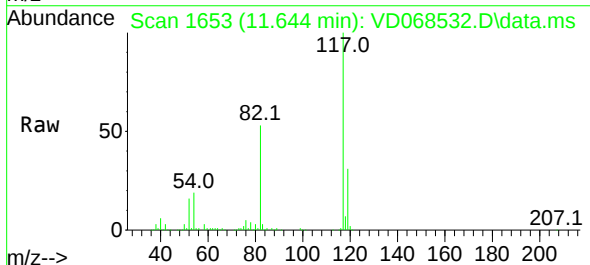
Instrument :
MSVOA_D
ClientSampled :

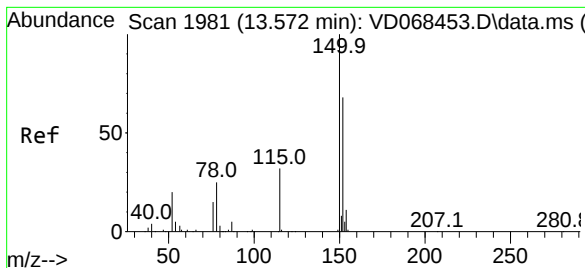
Tgt Ion:	95	Resp:	240650
Ion	Ratio	Lower	Upper
95	100		
174	86.6	0.0	172.4
176	84.3	0.0	168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

Tgt Ion:	117	Resp:	565119
Ion	Ratio	Lower	Upper
117	100		
82	53.3	41.4	62.0
119	31.2	26.1	39.1

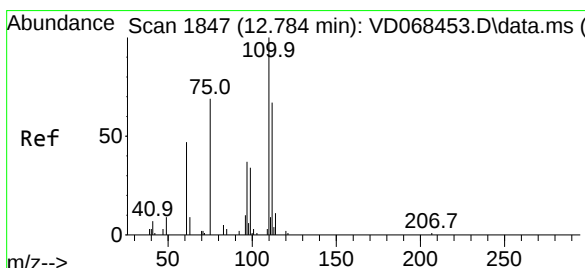
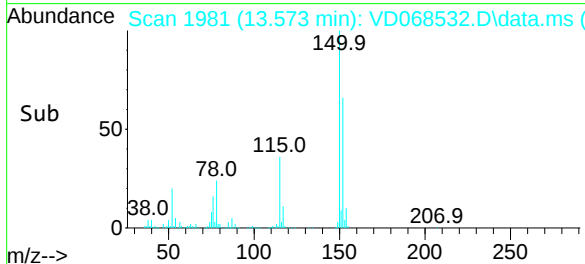
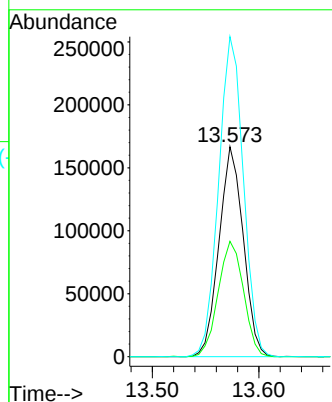
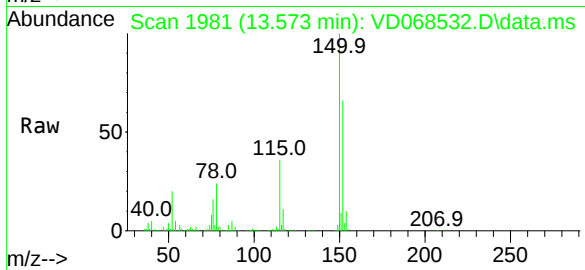




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.001 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

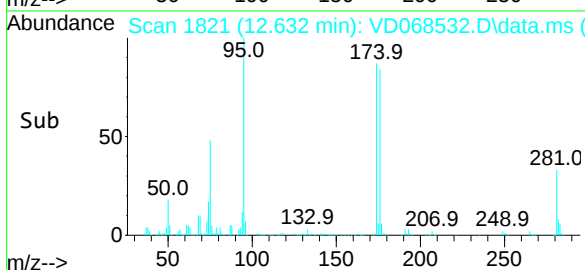
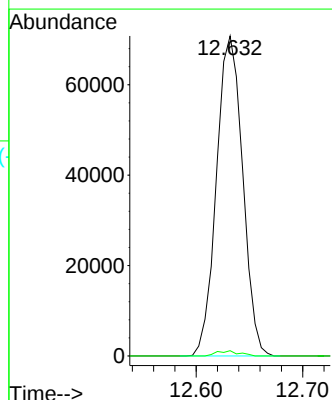
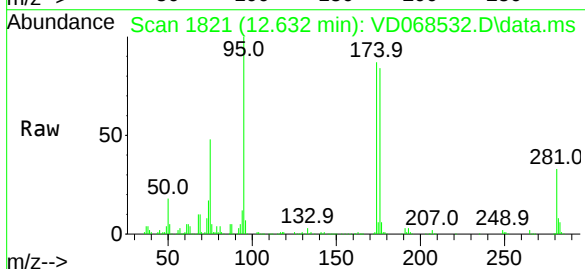
Instrument :
MSVOA_D
ClientSampled :

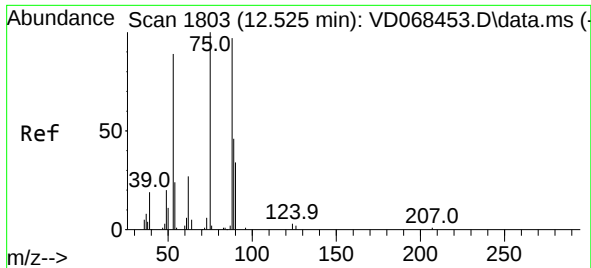
Tgt Ion:152 Resp: 263530
Ion Ratio Lower Upper
152 100
115 57.3 28.9 86.8
150 155.8 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 51.65 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.152 min
Lab File: VD068532.D
Acq: 04 Mar 2021 18:25

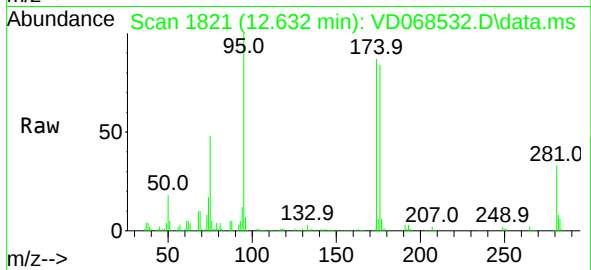
Tgt Ion: 75 Resp: 120838
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 120.53 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068532.D
 Acq: 04 Mar 2021 18:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 120838
 Ion Ratio Lower Upper
 75 100
 53 0.1 70.2 105.2#
 89 0.4 40.3 60.5#

