

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD030421\
 Data File : VD068529.D
 Acq On : 04 Mar 2021 17:01
 Operator : VA/SY
 Sample : M1565-05
 Misc : 6.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Mar 05 00:02:58 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)

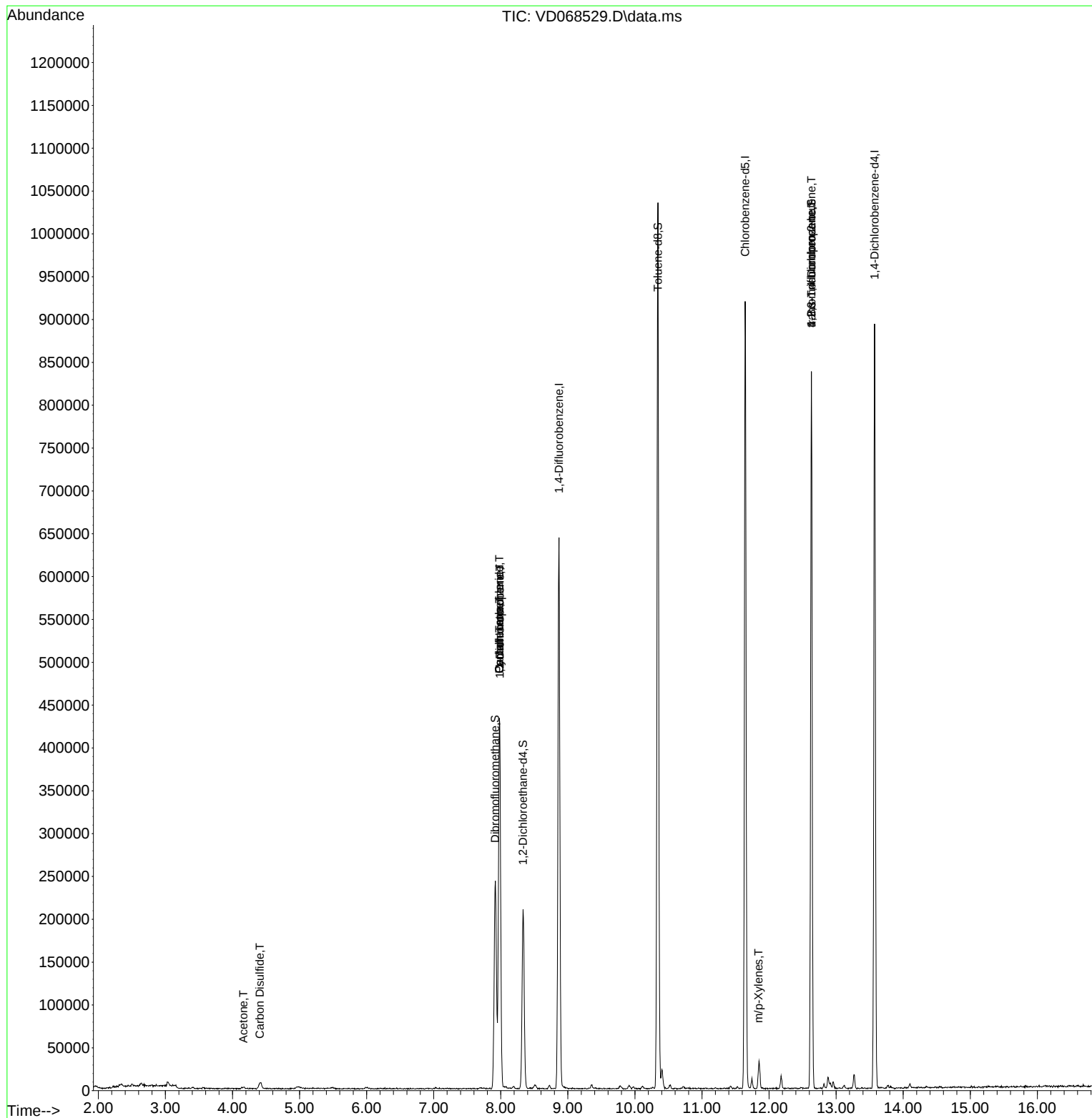
Internal Standards						
1) Pentafluorobenzene	7.979	168	334638	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	578770	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	553913	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	245621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	165682	49.55	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	99.10%		
35) Dibromofluoromethane	7.914	113	181582	52.08	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.16%		
50) Toluene-d8	10.344	98	721945	51.99	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	103.98%		
62) 4-Bromofluorobenzene	12.632	95	231310	51.68	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	103.36%		
Target Compounds						
16) Acetone	4.162	43	3283	6.18	ug/l #	78
17) Carbon Disulfide	4.409	76	15687	1.42	ug/l #	90
20) Methylene Chloride	4.979	84	2254	Below Cal	#	80
31) Cyclohexane	7.979	56	7735	1.27	ug/l #	51
36) 1,1-Dichloropropene	7.985	75	24751	4.50	ug/l #	48
38) Carbon Tetrachloride	7.979	117	32370	6.26	ug/l #	15
68) m/p-Xylenes	11.843	106	9621	1.26	ug/l	99
76) 1,2,3-Trichloropropane	12.632	75	120432	55.23	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	120432	128.89	ug/l #	14

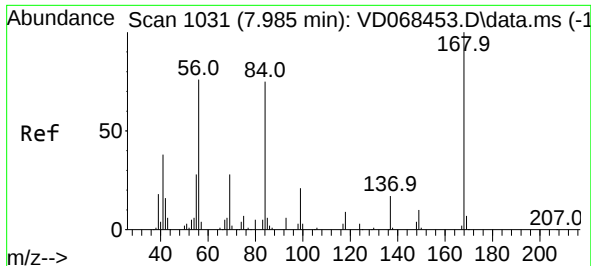
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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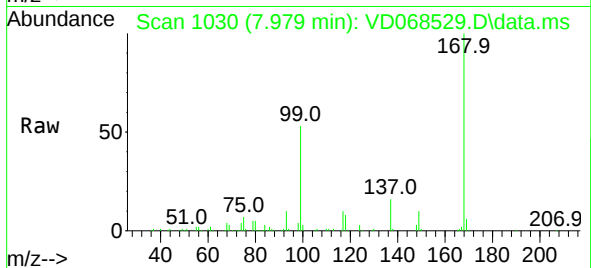
Quant Time: Mar 05 00:02:58 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D022621S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 26 14:04:14 2021
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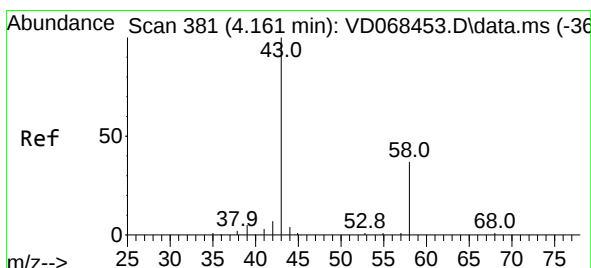
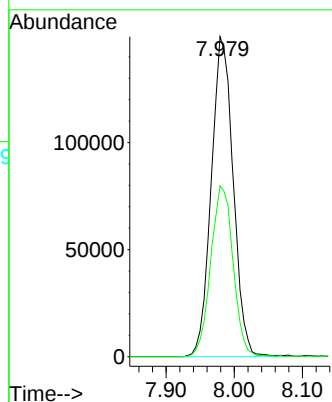
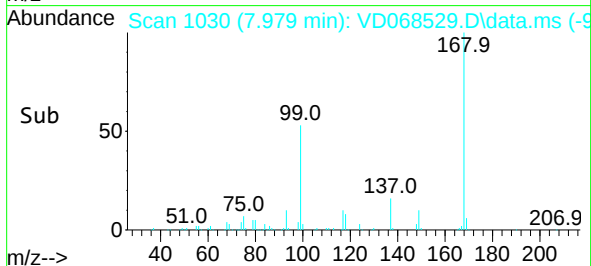


#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

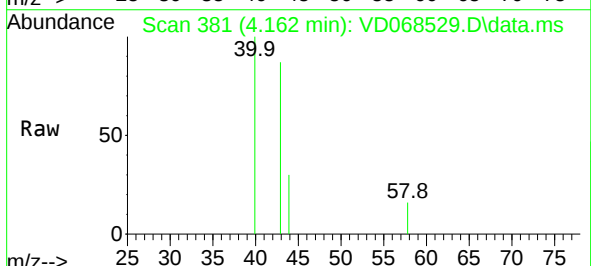
Instrument :
MSVOA_D
ClientSampled :



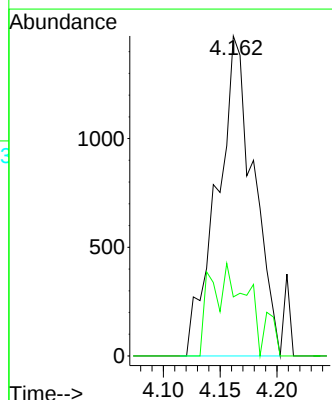
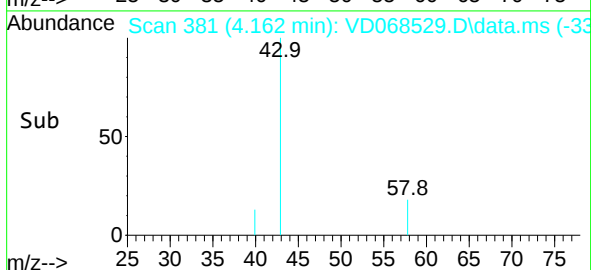
Tgt Ion:168 Resp: 334638
Ion Ratio Lower Upper
168 100
99 53.4 43.5 65.3

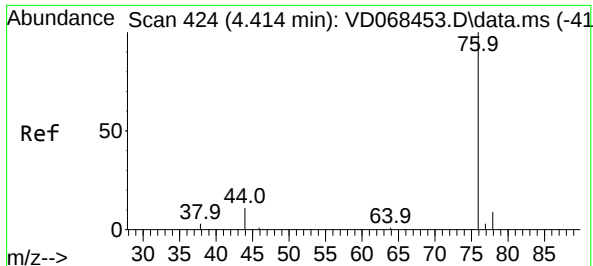


#16
Acetone
Concen: 6.18 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01



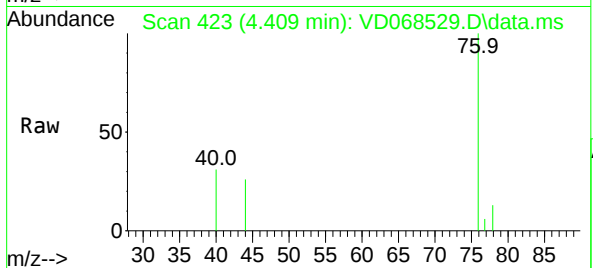
Tgt Ion: 43 Resp: 3283
Ion Ratio Lower Upper
43 100
58 18.5 24.2 36.4#



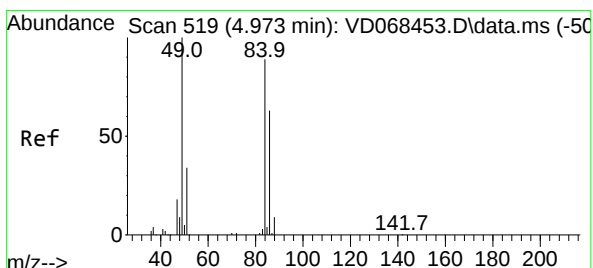
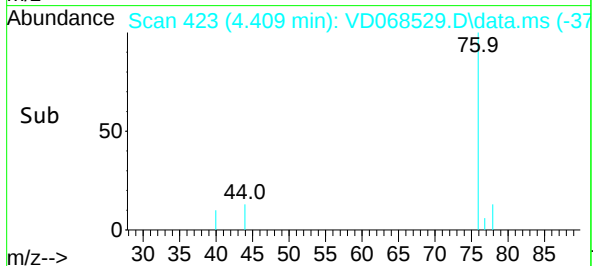
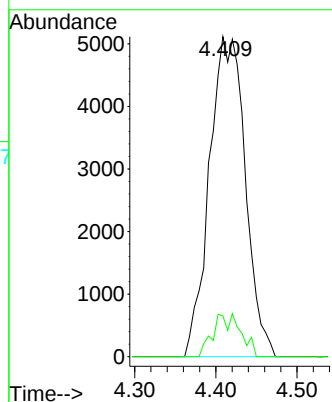


#17
Carbon Disulfide
Concen: 1.42 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.006 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

Instrument :
MSVOA_D
ClientSampleId :

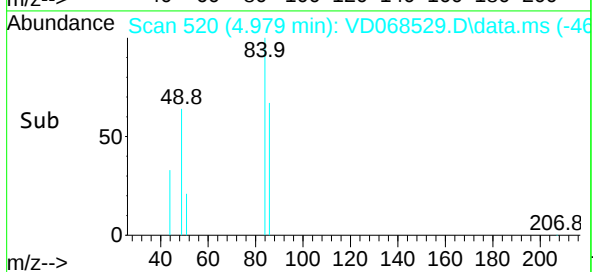
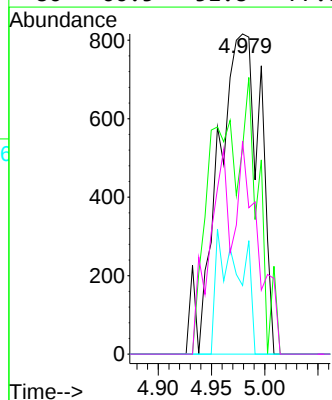
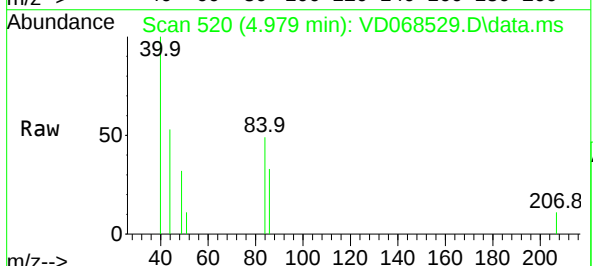


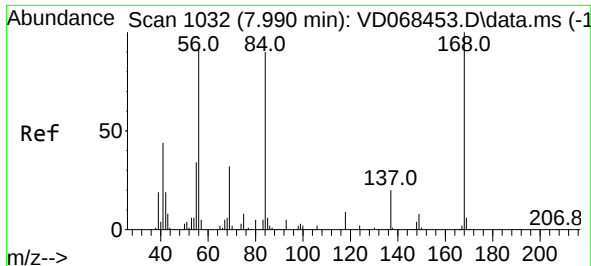
Tgt Ion: 76 Resp: 15687
Ion Ratio Lower Upper
76 100
78 12.7 7.3 10.9#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.979 min Scan# 520
Delta R.T. 0.006 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

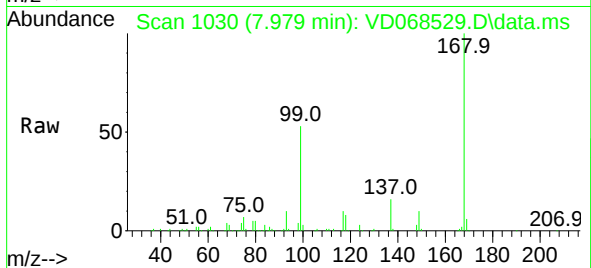
Tgt Ion: 84 Resp: 2254
Ion Ratio Lower Upper
84 100
49 64.5 77.4 116.2#
51 21.4 26.1 39.1#
86 66.5 51.8 77.8



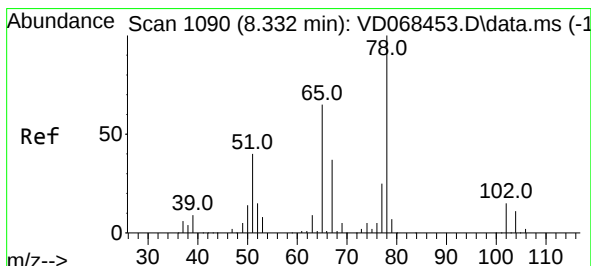
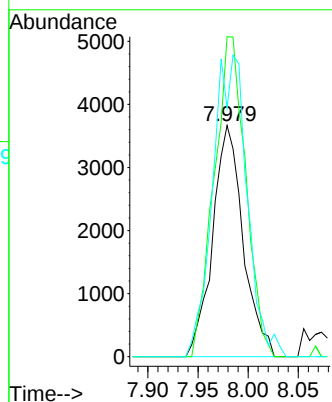
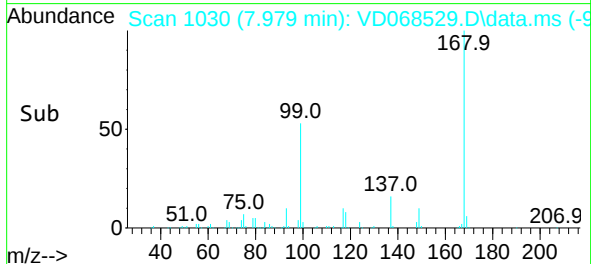


#31
Cyclohexane
Concen: 1.27 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

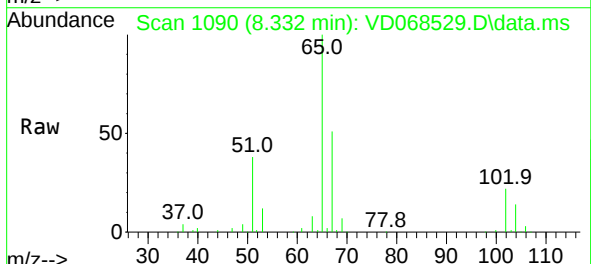
Instrument :
MSVOA_D
ClientSampled :



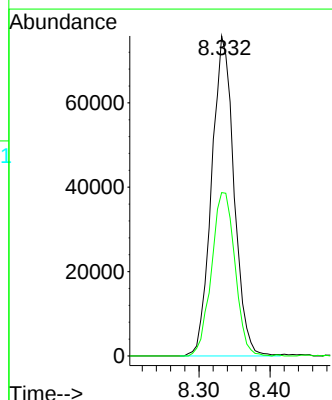
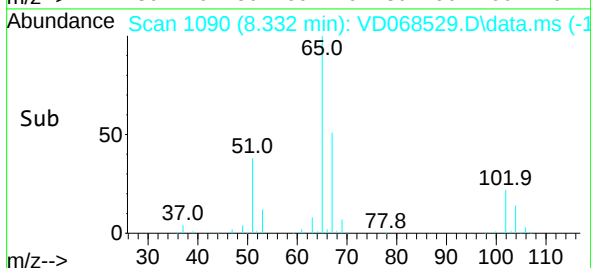
Tgt Ion: 56 Resp: 7735
Ion Ratio Lower Upper
56 100
69 138.4 30.1 45.1#
84 107.7 82.1 123.1

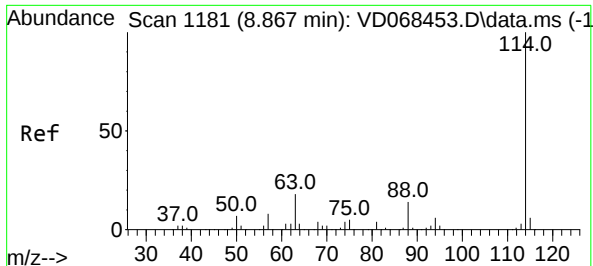


#33
1,2-Dichloroethane-d4
Concen: 49.55 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01



Tgt Ion: 65 Resp: 165682
Ion Ratio Lower Upper
65 100
67 53.6 0.0 105.0

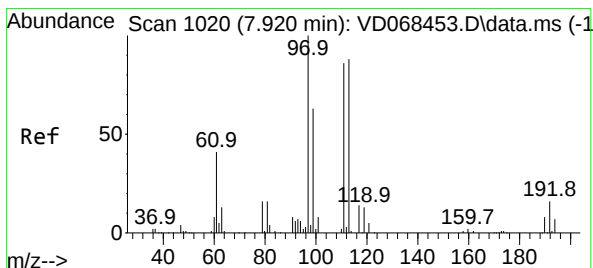
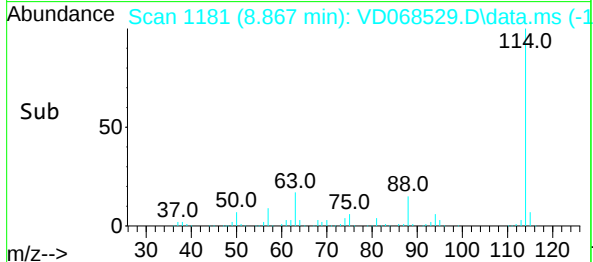
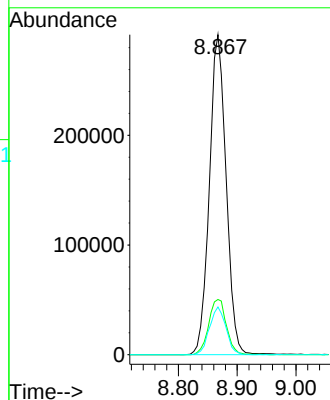
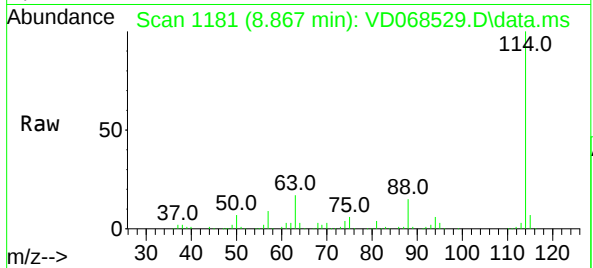




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

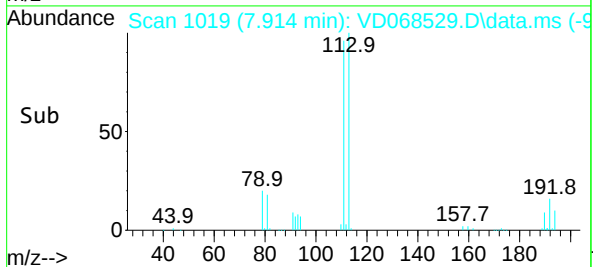
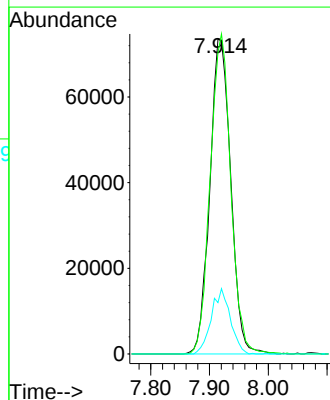
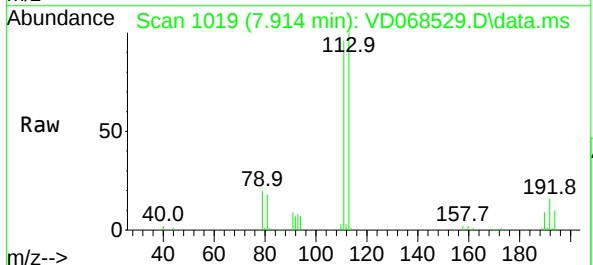
Instrument :
MSVOA_D
ClientSampled :

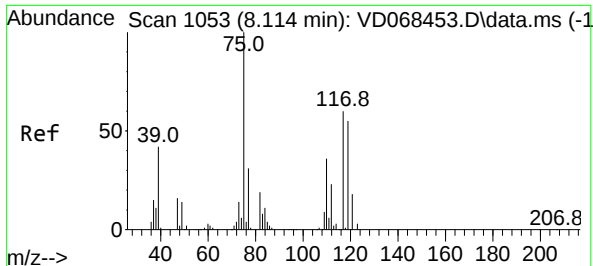
Tgt Ion:114 Resp: 578770
Ion Ratio Lower Upper
114 100
63 17.2 0.0 34.8
88 14.9 0.0 31.6



#35
Dibromofluoromethane
Concen: 52.08 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

Tgt Ion:113 Resp: 181582
Ion Ratio Lower Upper
113 100
111 100.0 81.4 122.0
192 18.9 16.1 24.1

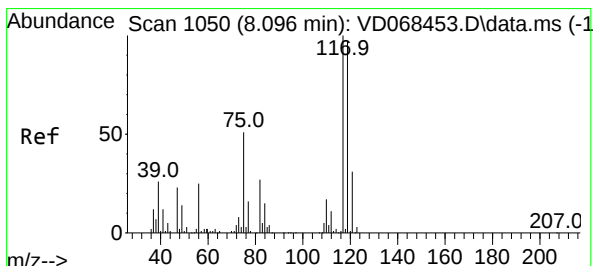
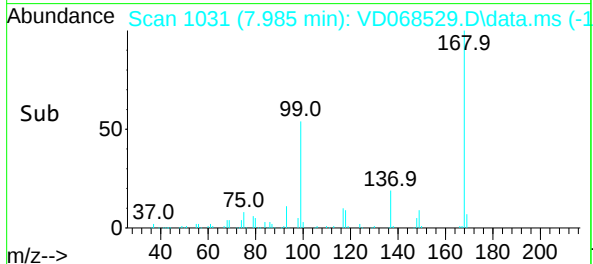
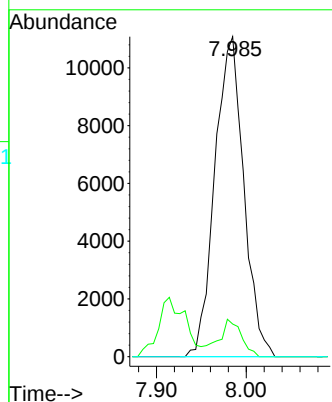
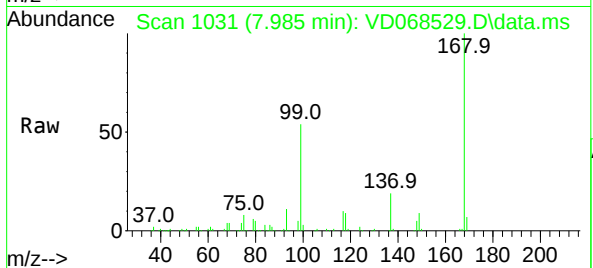




#36
1,1-Dichloropropene
Concen: 4.50 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.129 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

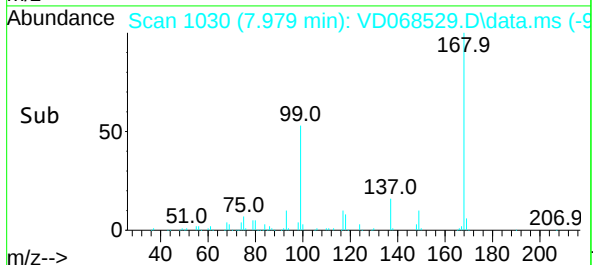
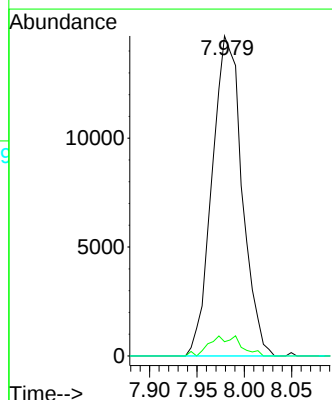
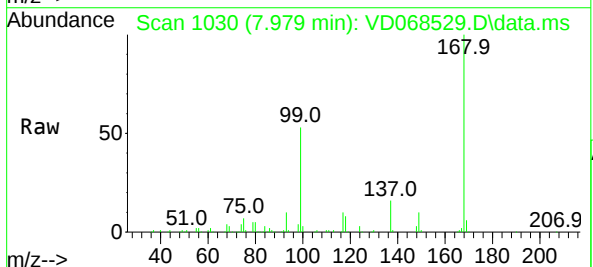
Instrument :
MSVOA_D
ClientSampleId :

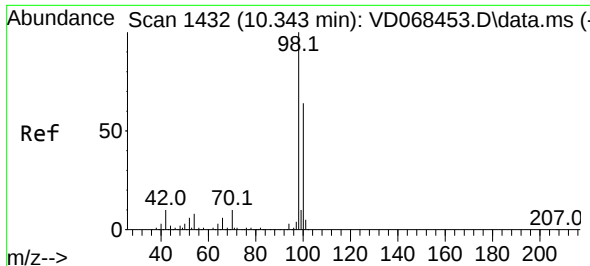
Tgt Ion: 75 Resp: 24751
Ion Ratio Lower Upper
75 100
110 9.3 19.4 58.2#
77 0.0 25.3 37.9#



#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.117 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

Tgt Ion: 117 Resp: 32370
Ion Ratio Lower Upper
117 100
119 4.4 77.3 115.9#
121 0.0 24.7 37.1#

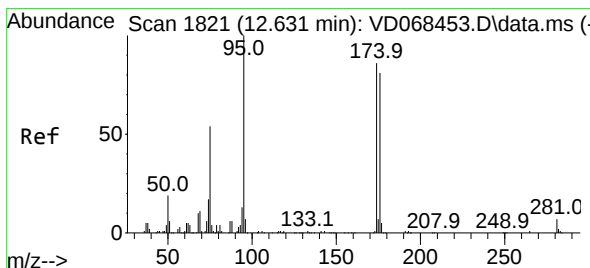
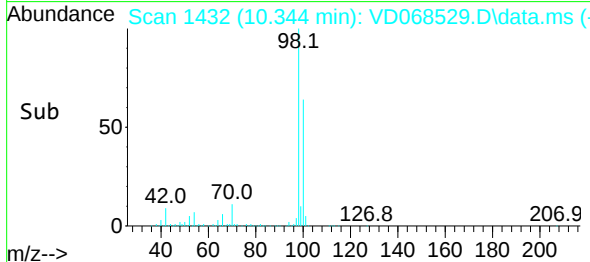
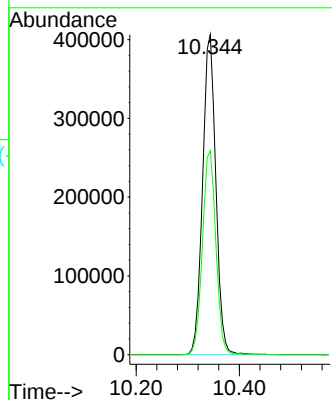
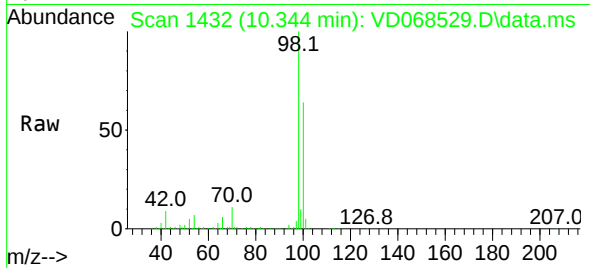




#50
Toluene-d8
Concen: 51.99 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

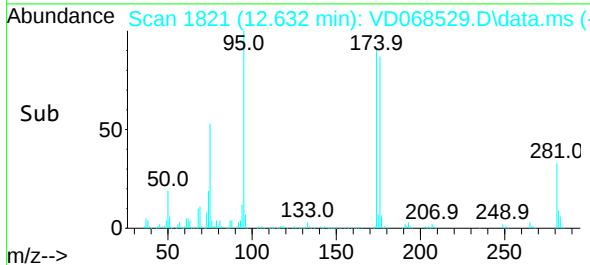
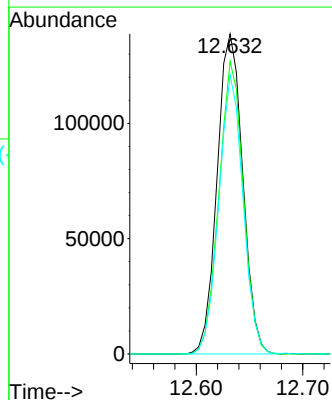
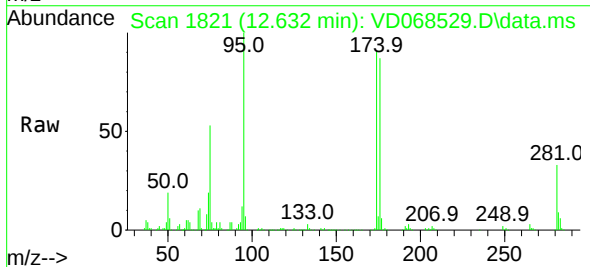
Instrument :
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ClientSampleId :

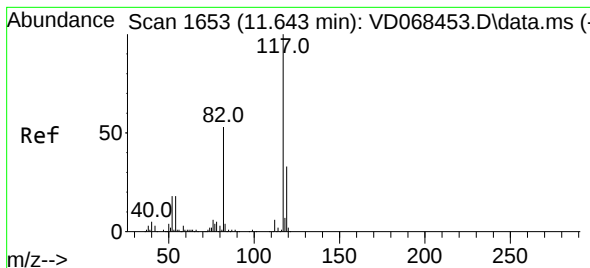
Tgt Ion: 98 Resp: 721945
Ion Ratio Lower Upper
98 100
100 64.6 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 51.68 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

Tgt Ion: 95 Resp: 231310
Ion Ratio Lower Upper
95 100
174 87.3 0.0 172.4
176 82.7 0.0 168.4

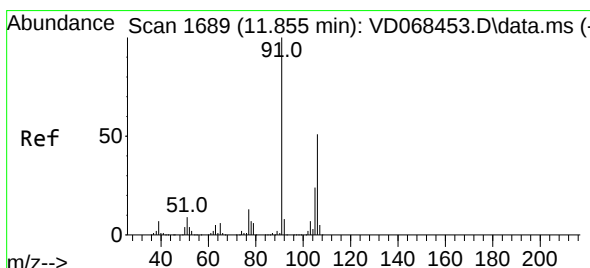
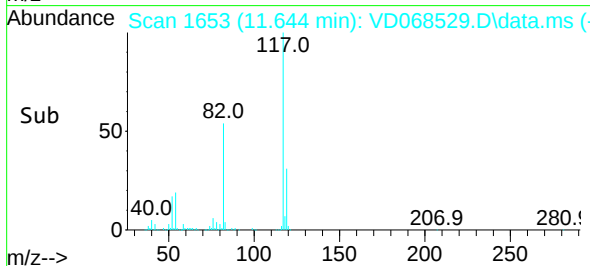
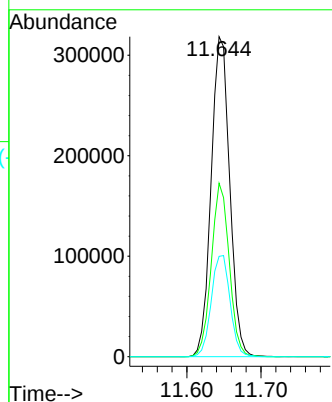
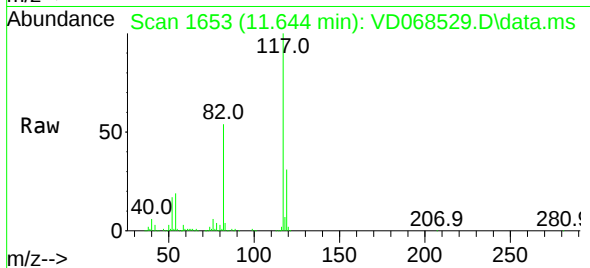




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

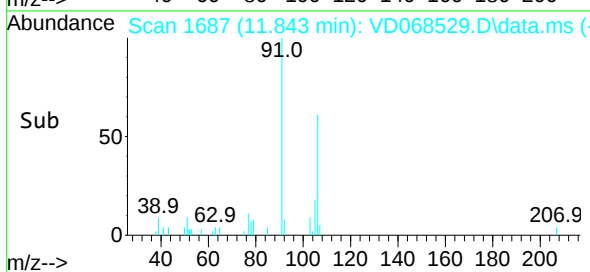
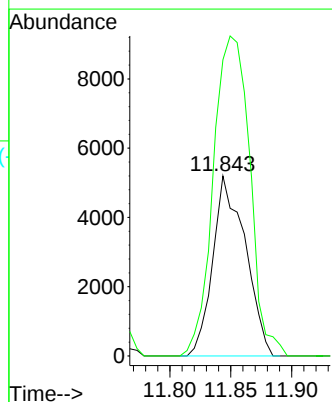
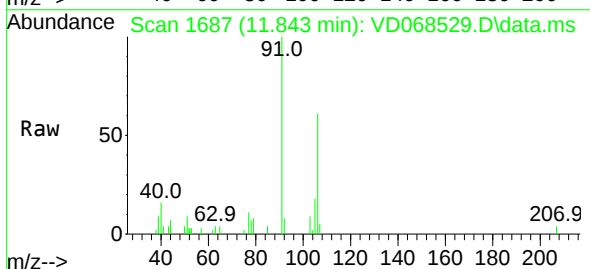
Instrument :
MSVOA_D
ClientSampleId :

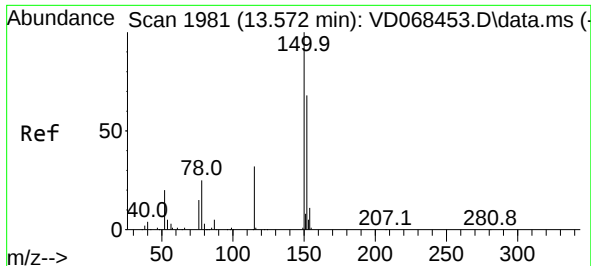
Tgt Ion:117 Resp: 553913
Ion Ratio Lower Upper
117 100
82 54.2 41.4 62.0
119 31.4 26.1 39.1



#68
m/p-Xylenes
Concen: 1.26 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.011 min
Lab File: VD068529.D
Acq: 04 Mar 2021 17:01

Tgt Ion:106 Resp: 9621
Ion Ratio Lower Upper
106 100
91 199.9 159.1 238.7

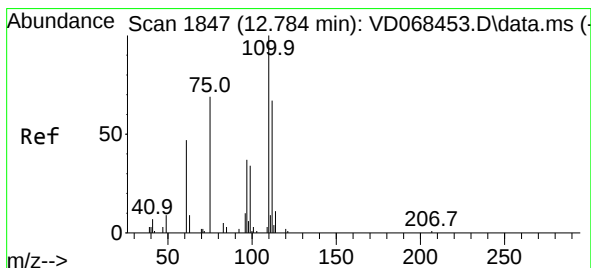
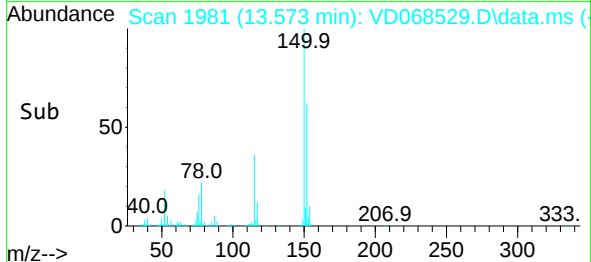
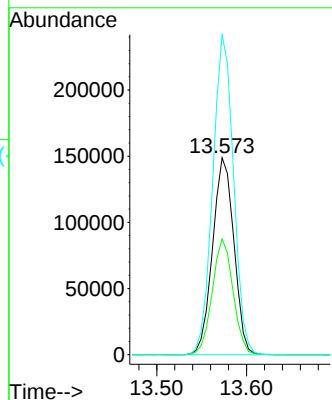
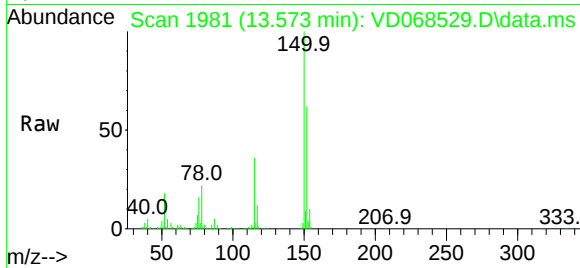




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. 0.001 min
 Lab File: VD068529.D
 Acq: 04 Mar 2021 17:01

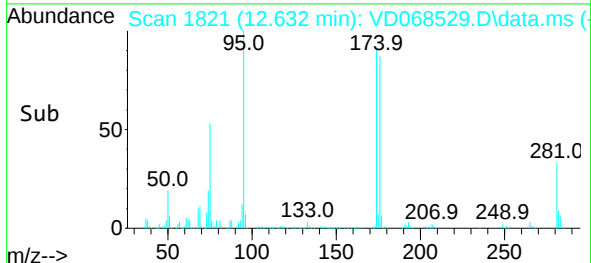
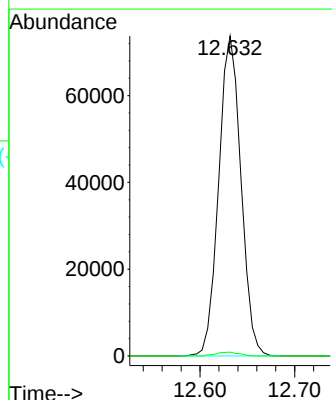
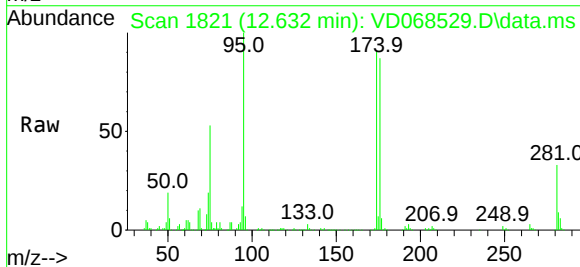
Instrument :
 MSVOA_D
 ClientSampleId :

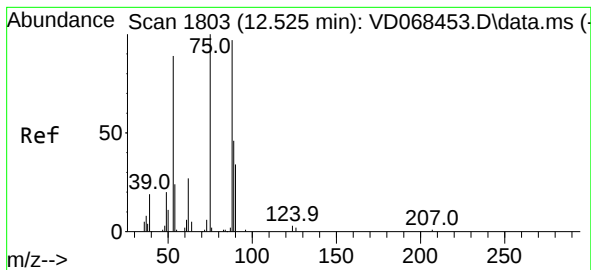
Tgt Ion:152 Resp: 245621
 Ion Ratio Lower Upper
 152 100
 115 57.3 28.9 86.8
 150 158.3 0.0 344.4



#76
 1,2,3-Trichloropropane
 Concen: 55.23 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.152 min
 Lab File: VD068529.D
 Acq: 04 Mar 2021 17:01

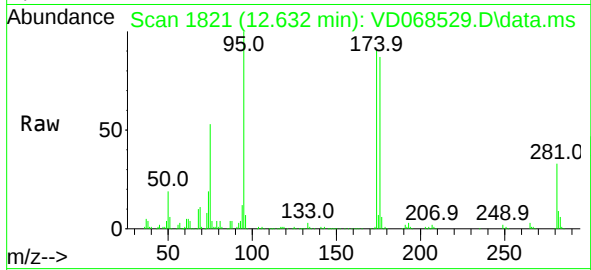
Tgt Ion: 75 Resp: 120432
 Ion Ratio Lower Upper
 75 100
 77 1.2 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 128.89 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068529.D
 Acq: 04 Mar 2021 17:01

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 120432
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.4 40.3 60.5#

