

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012921\
 Data File : VD068241.D
 Acq On : 29 Jan 2021 15:53
 Operator : VA/SY
 Sample : M1286-08
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Jan 30 00:03:22 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)

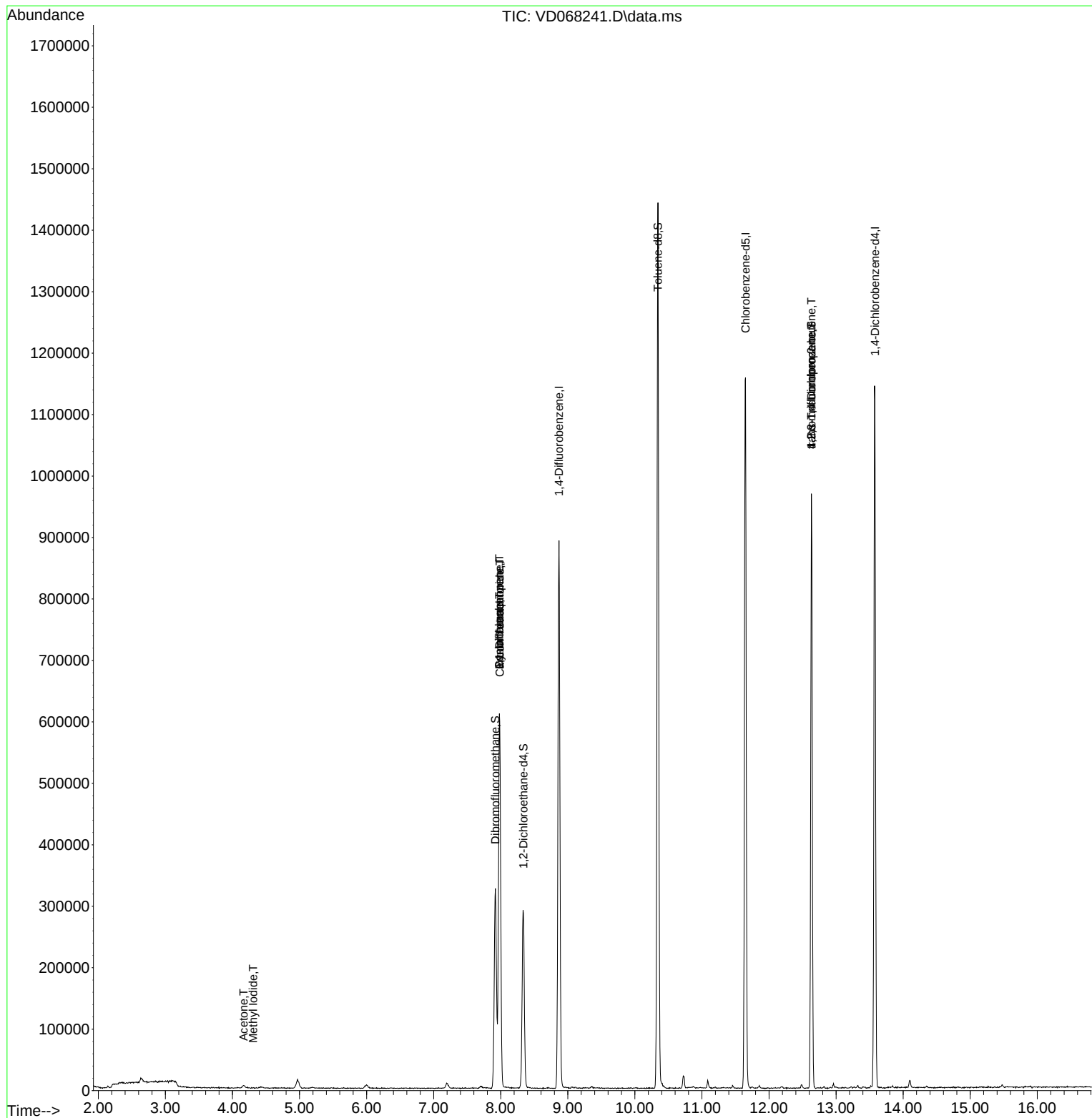
Internal Standards						
1) Pentafluorobenzene	7.979	168	460723	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	802821	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.650	117	700419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.579	152	306344	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	238383	54.09	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.18%
35) Dibromofluoromethane	7.920	113	236725	53.34	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.68%
50) Toluene-d8	10.344	98	996154	56.11	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	112.22%
62) 4-Bromofluorobenzene	12.632	95	317940	49.73	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.46%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	53	3.17	ug/l #	38
11) Tert butyl alcohol	5.191	59	1002	Below Cal	#	74
16) Acetone	4.168	43	7774	9.88	ug/l	95
20) Methylene Chloride	4.968	84	10727	Below Cal	#	94
31) Cyclohexane	7.979	56	10743	1.13	ug/l #	30
36) 1,1-Dichloropropene	7.979	75	37486	4.63	ug/l #	47
38) Carbon Tetrachloride	7.985	117	47410	6.26	ug/l #	15
76) 1,2,3-Trichloropropane	12.632	75	161495	54.52	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	161495	110.33	ug/l #	13

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

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Response via : Initial Calibration

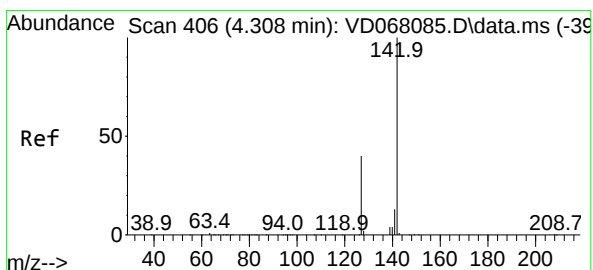
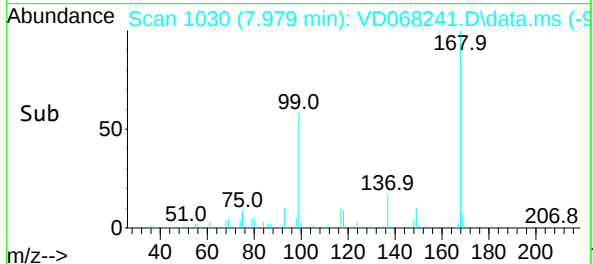
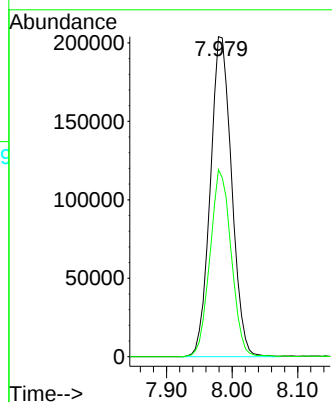
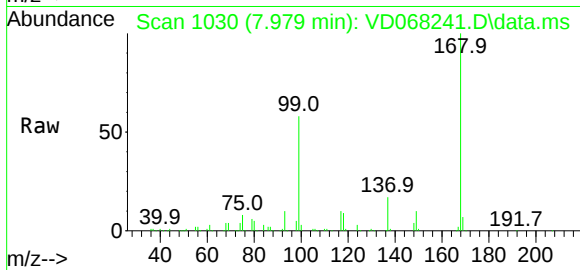




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

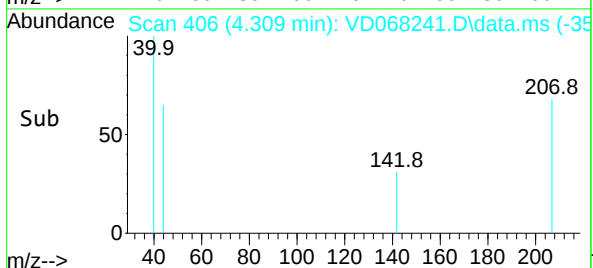
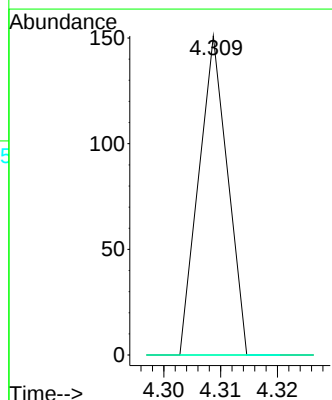
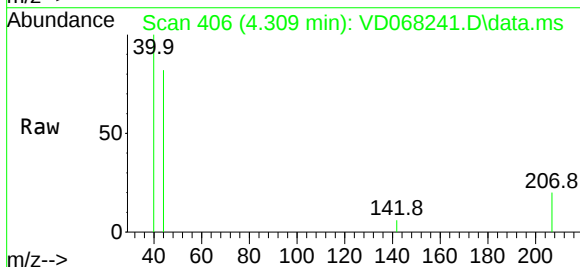
Instrument :
MSVOA_D
ClientSampleId :

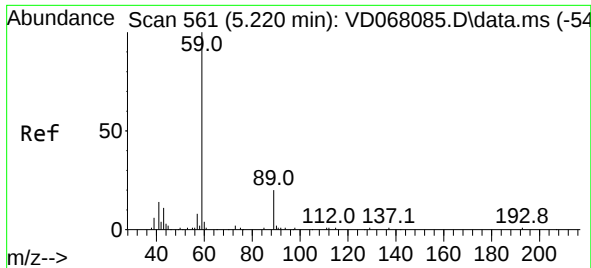
Tgt Ion:168 Resp: 460723
Ion Ratio Lower Upper
168 100
99 58.4 43.5 65.3



#10
Methyl Iodide
Concen: 3.17 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.001 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Tgt Ion:142 Resp: 53
Ion Ratio Lower Upper
142 100
127 0.0 37.9 56.9#
141 0.0 11.5 17.3#

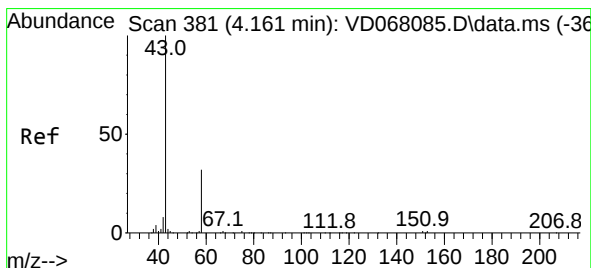
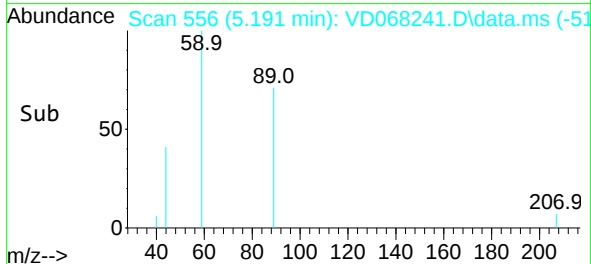
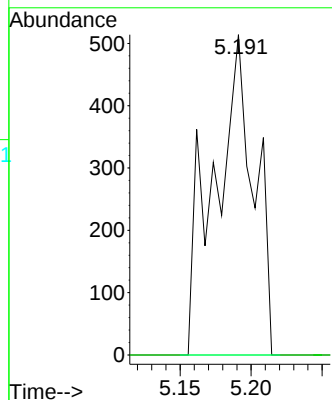
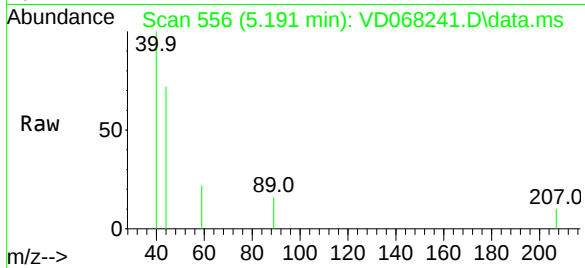




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.191 min Scan# 556
Delta R.T. -0.029 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

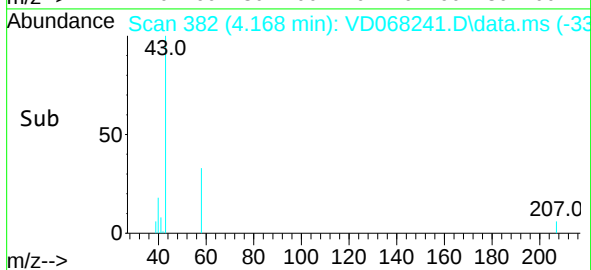
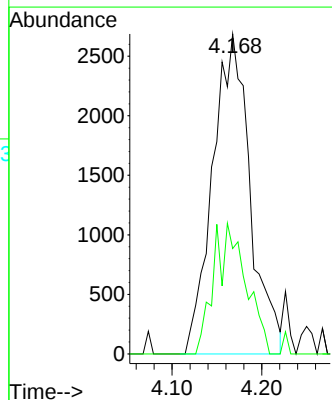
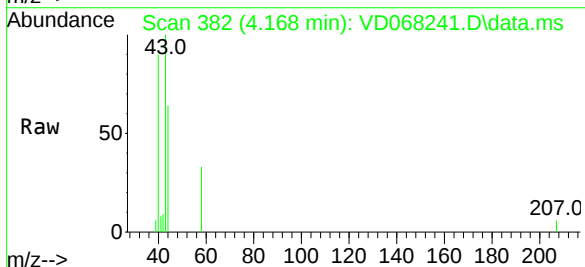
Instrument :
MSVOA_D
ClientSampled :

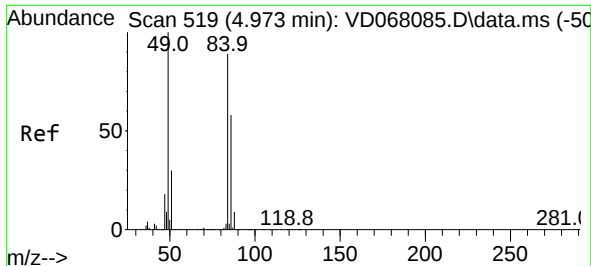
Tgt Ion: 59 Resp: 1002
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.2#



#16
Acetone
Concen: 9.88 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

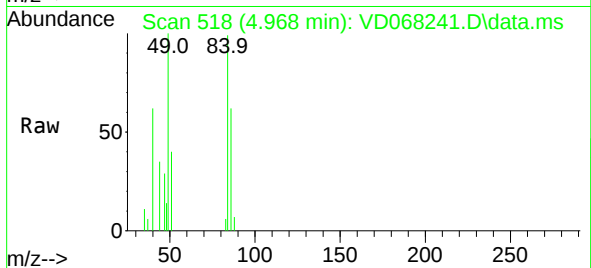
Tgt Ion: 43 Resp: 7774
Ion Ratio Lower Upper
43 100
58 32.9 24.2 36.4





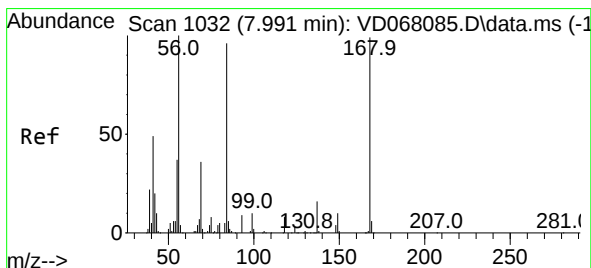
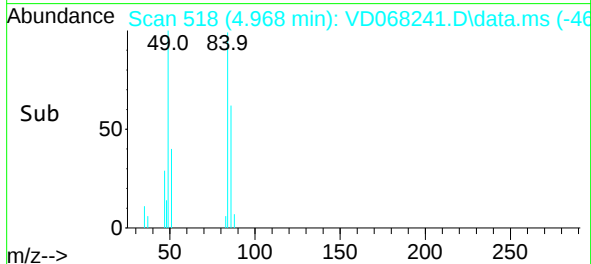
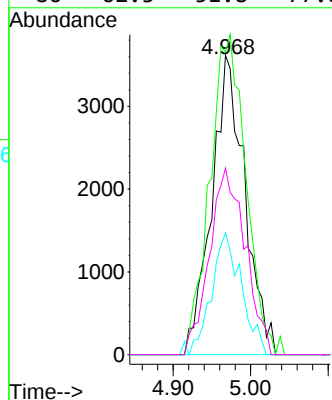
#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. -0.005 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Instrument :
MSVOA_D
ClientSampleId :

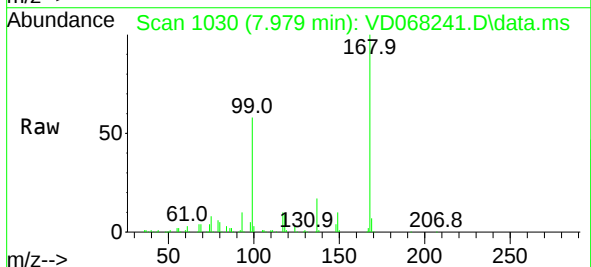


Tgt Ion: 84 Resp: 10727

Ion	Ratio	Lower	Upper
84	100		
49	101.0	77.4	116.2
51	40.6	26.1	39.1#
86	62.3	51.8	77.8

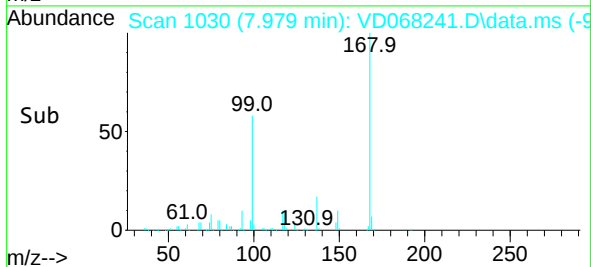
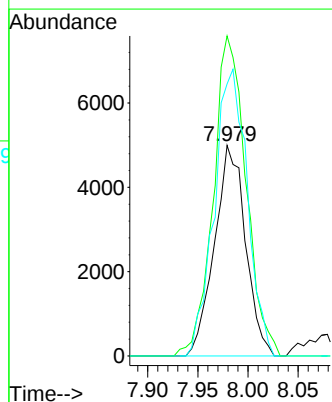


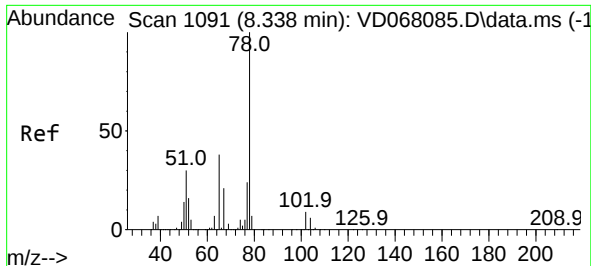
#31
Cyclohexane
Concen: 1.13 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.011 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53



Tgt Ion: 56 Resp: 10743

Ion	Ratio	Lower	Upper
56	100		
69	152.0	30.1	45.1#
84	129.2	82.1	123.1#

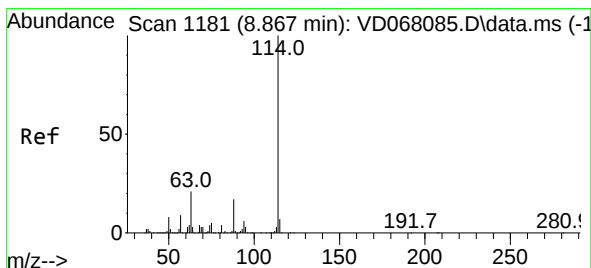
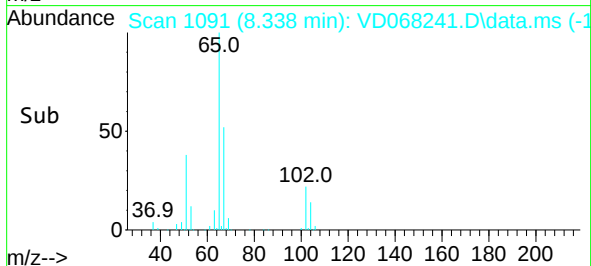
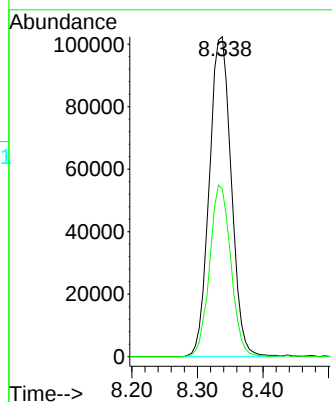
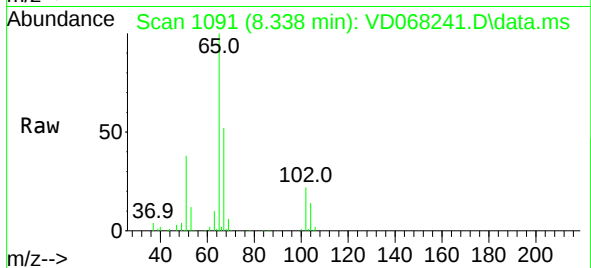




#33
1,2-Dichloroethane-d4
Concen: 54.09 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.000 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

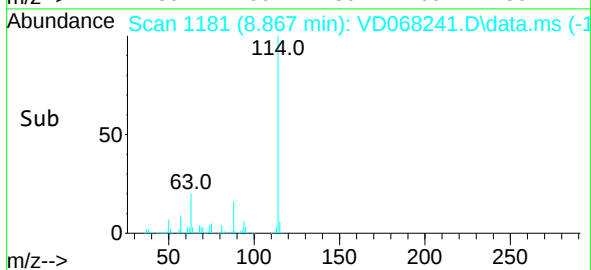
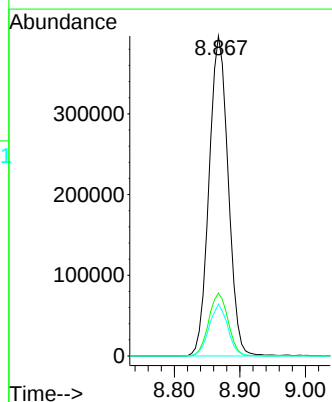
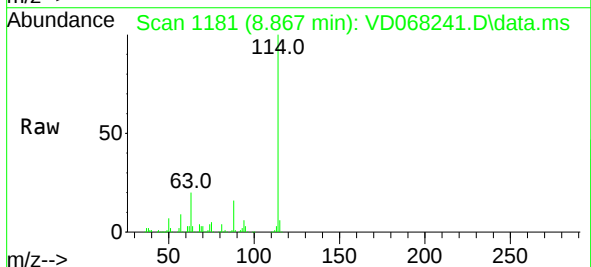
Instrument :
MSVOA_D
ClientSampleId :

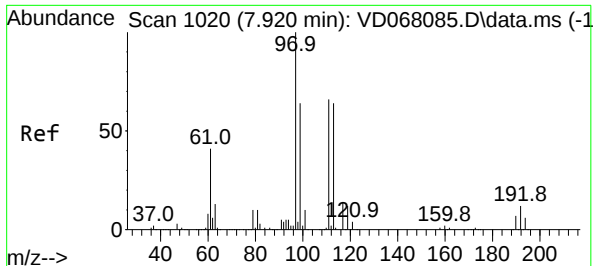
Tgt Ion: 65 Resp: 238383
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Tgt Ion: 114 Resp: 802821
Ion Ratio Lower Upper
114 100
63 19.7 0.0 34.8
88 16.2 0.0 31.6

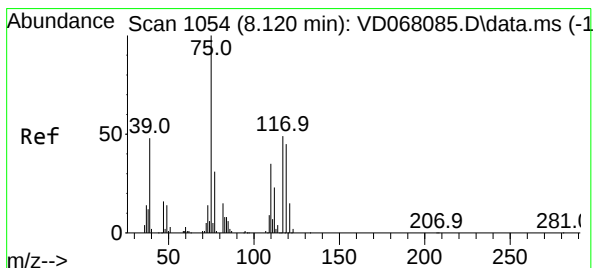
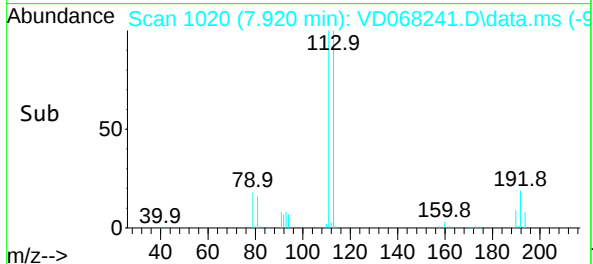
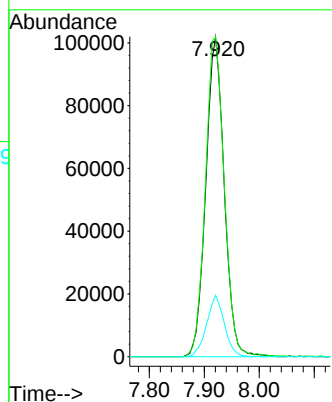
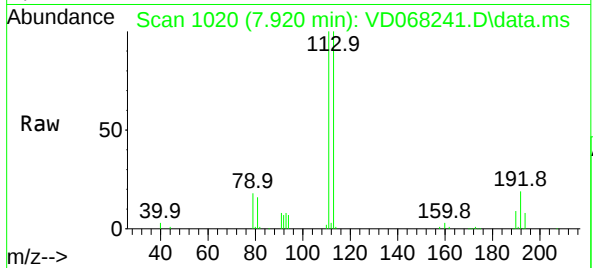




#35
Dibromofluoromethane
Concen: 53.34 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

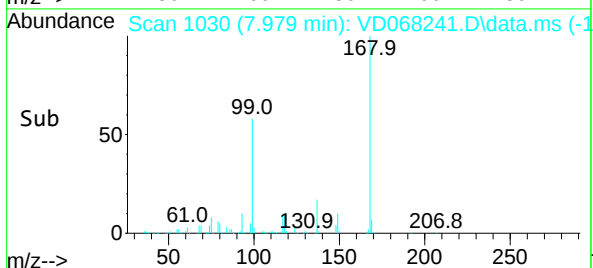
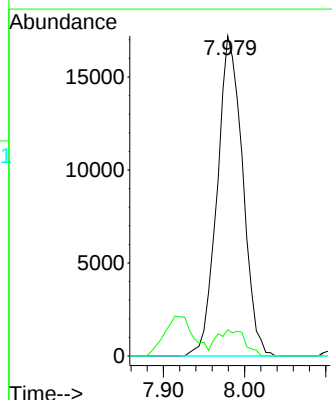
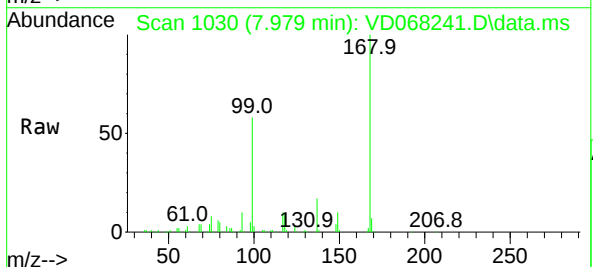
Instrument :
MSVOA_D
ClientSampleId :

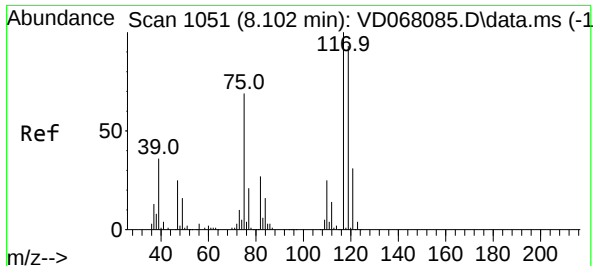
Tgt Ion:113 Resp: 236725
Ion Ratio Lower Upper
113 100
111 102.6 81.4 122.0
192 18.4 16.1 24.1



#36
1,1-Dichloropropene
Concen: 4.63 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.141 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

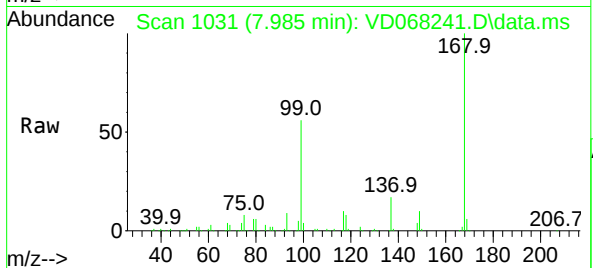
Tgt Ion: 75 Resp: 37486
Ion Ratio Lower Upper
75 100
110 8.9 19.4 58.2#
77 0.0 25.3 37.9#



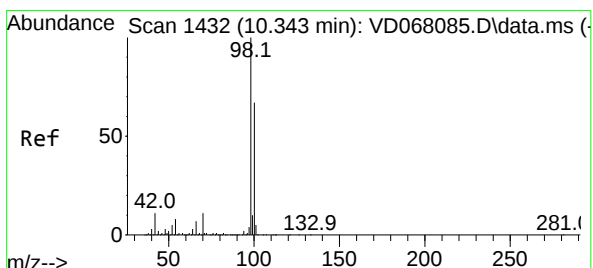
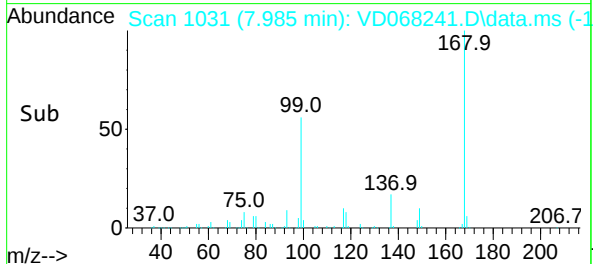
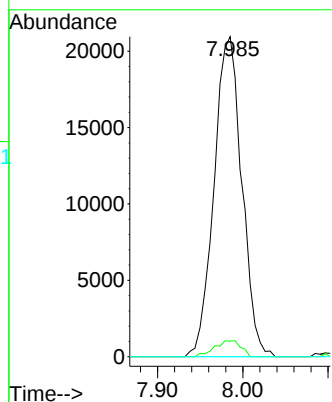


#38
Carbon Tetrachloride
Concen: 6.26 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.117 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Instrument :
MSVOA_D
ClientSampleId :

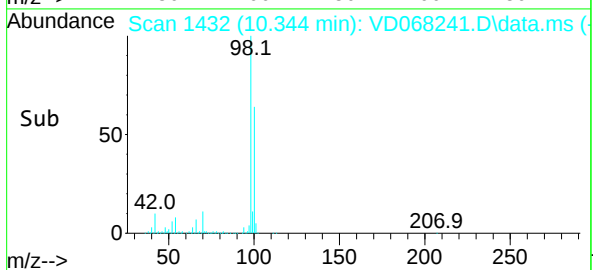
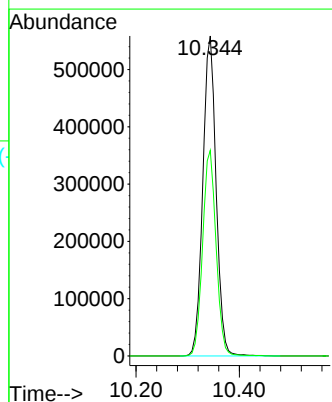
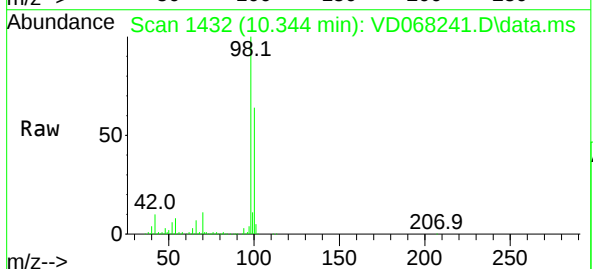


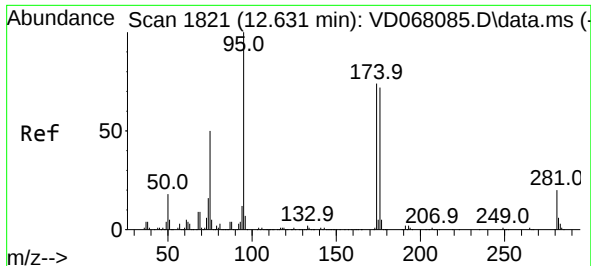
Tgt Ion:117 Resp: 47410
Ion Ratio Lower Upper
117 100
119 4.9 77.3 115.9#
121 0.0 24.7 37.1#



#50
Toluene-d8
Concen: 56.11 ug/l
RT: 10.344 min Scan# 1432
Delta R.T. 0.000 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Tgt Ion: 98 Resp: 996154
Ion Ratio Lower Upper
98 100
100 65.1 53.0 79.4

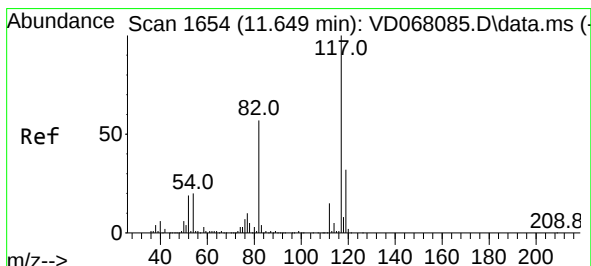
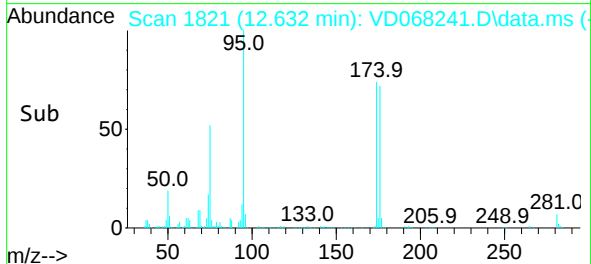
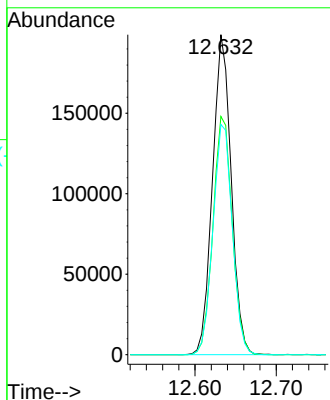
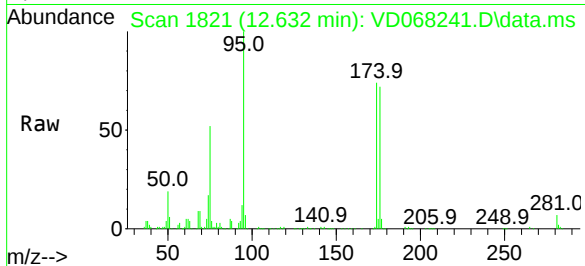




#62
4-Bromofluorobenzene
Concen: 49.73 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

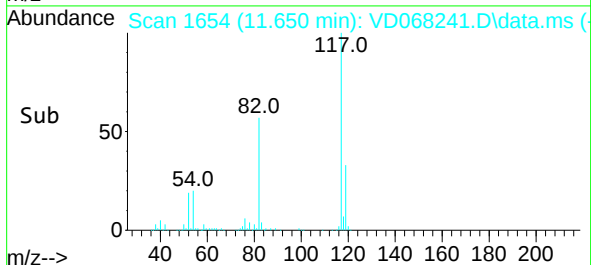
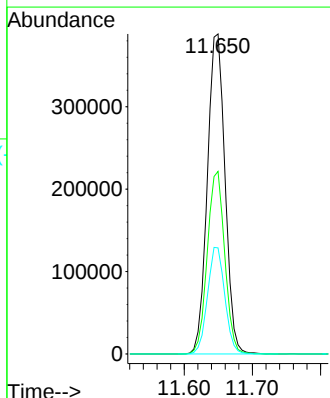
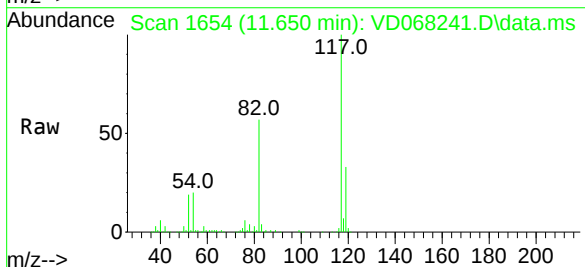
Instrument :
MSVOA_D
ClientSampleId :

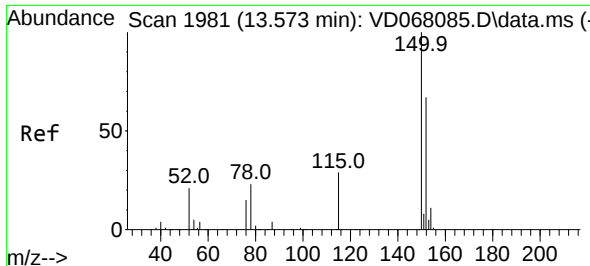
Tgt Ion: 95 Resp: 317940
Ion Ratio Lower Upper
95 100
174 76.9 0.0 172.4
176 74.5 0.0 168.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.650 min Scan# 1654
Delta R.T. 0.001 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

Tgt Ion: 117 Resp: 700419
Ion Ratio Lower Upper
117 100
82 57.1 41.4 62.0
119 33.2 26.1 39.1

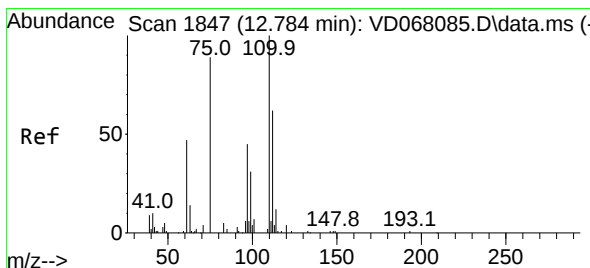
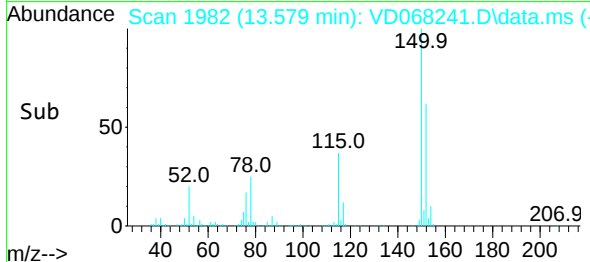
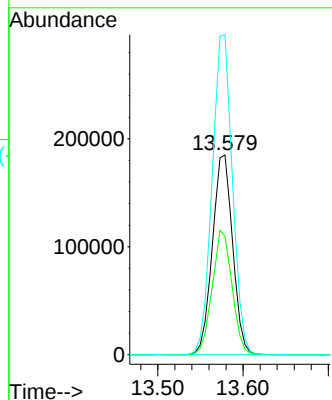
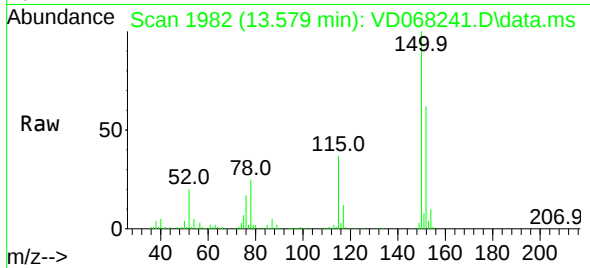




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.579 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

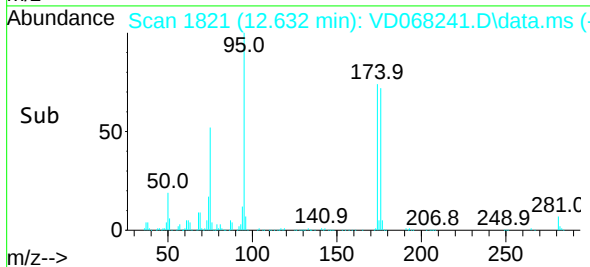
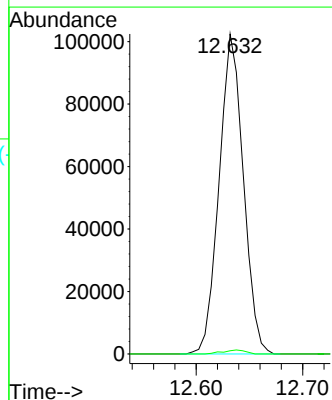
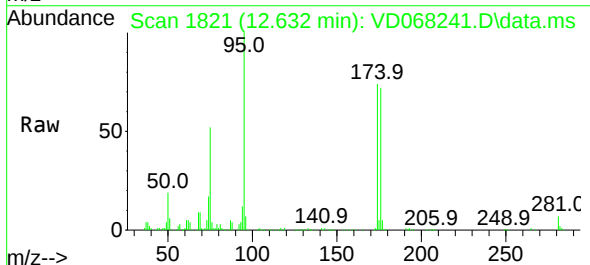
Instrument :
MSVOA_D
ClientSampleId :

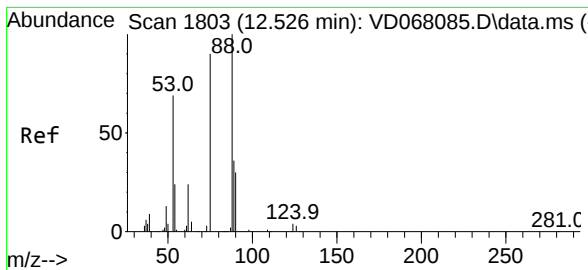
Tgt Ion:152 Resp: 306344
Ion Ratio Lower Upper
152 100
115 60.8 28.9 86.8
150 160.3 0.0 344.4



#76
1,2,3-Trichloropropane
Concen: 54.52 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. -0.153 min
Lab File: VD068241.D
Acq: 29 Jan 2021 15:53

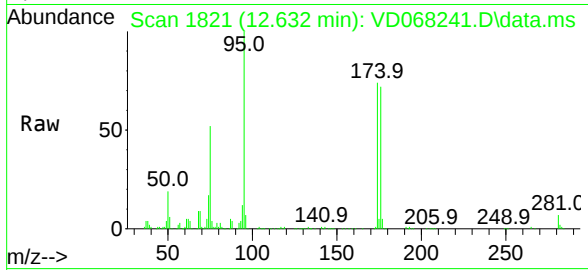
Tgt Ion: 75 Resp: 161495
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.33 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068241.D
 Acq: 29 Jan 2021 15:53

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 161495
 Ion Ratio Lower Upper
 75 100
 53 0.0 70.2 105.2#
 89 0.0 40.3 60.5#

