

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069021.D
 Acq On : 29 Apr 2021 16:34
 Operator : VA/SY
 Sample : M2226-01
 Misc : 5.30G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:57:07 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 08 03:50:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

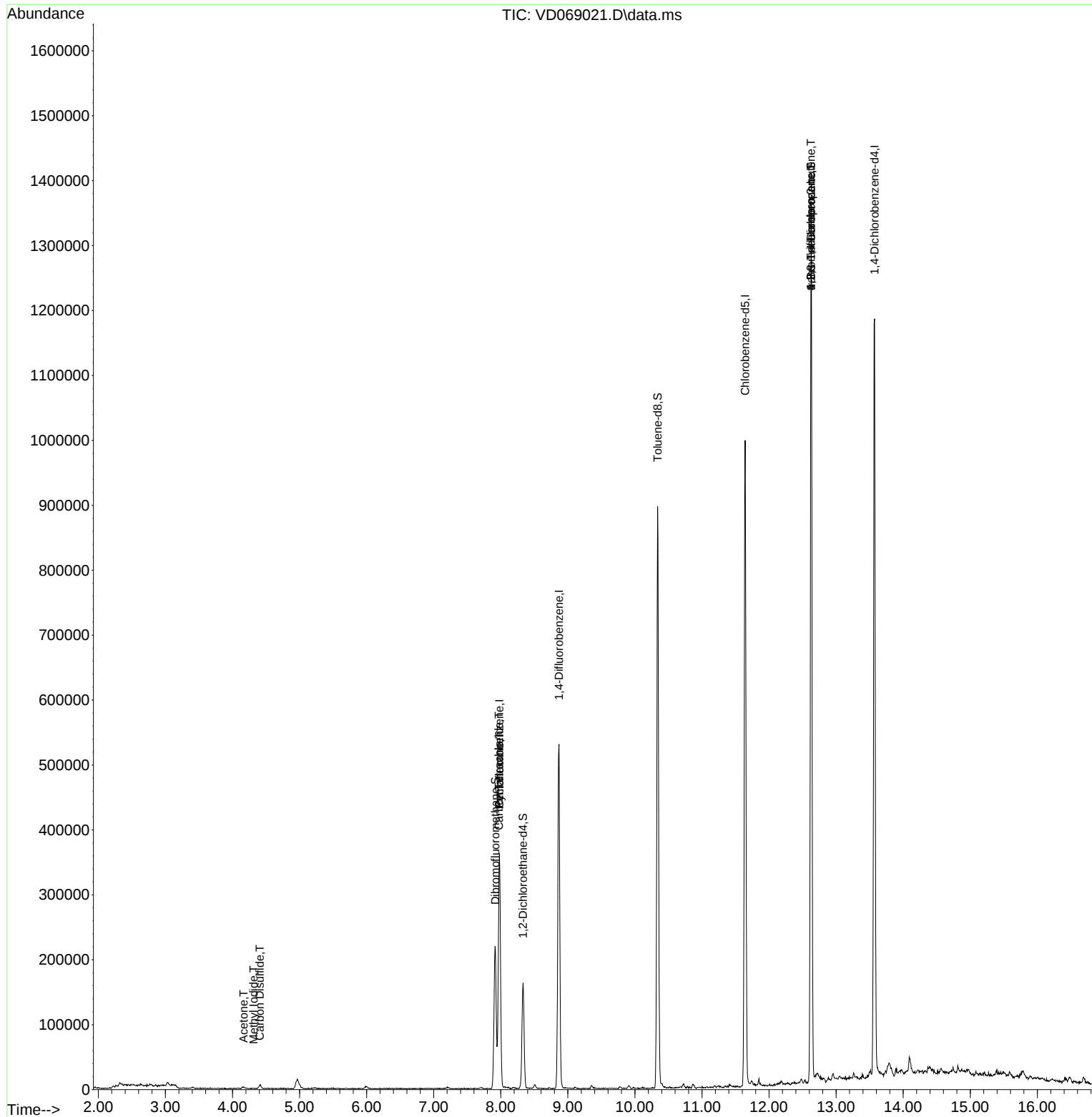
Internal Standards						
1) Pentafluorobenzene	7.979	168	282179	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	492036	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	624898	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	336818	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	126757	42.50	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	85.00%		
35) Dibromofluoromethane	7.920	113	157056	49.07	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	98.14%		
50) Toluene-d8	10.338	98	632823	52.42	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	104.84%		
62) 4-Bromofluorobenzene	12.626	95	301430	75.17	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	150.34%#		
Target Compounds						
10) Methyl Iodide	4.314	142	376	2.35	ug/l #	41
11) Tert butyl alcohol	5.232	59	2484	Below Cal	#	73
16) Acetone	4.167	43	4771	11.55	ug/l #	67
17) Carbon Disulfide	4.409	76	11072	1.21	ug/l	99
20) Methylene Chloride	4.967	84	12068	Below Cal		95
31) Cyclohexane	7.979	56	6554	1.32	ug/l #	19
38) Carbon Tetrachloride	7.973	117	27902	5.66	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	151096	49.10	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.626	75	151096	113.96	ug/l #	16

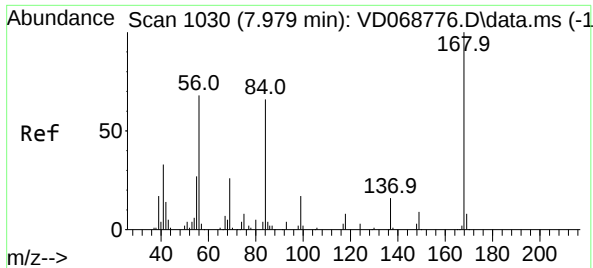
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VD069021.D
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Misc : 5.30G/5.00ml/MSVOA_D/SOIL
ALS Vial : 8 Sample Multiplier: 1

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Quant Time: Apr 30 02:57:07 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D040721S.M
Quant Title : SW846 8260
QLast Update : Thu Apr 08 03:50:31 2021
Response via : Initial Calibration

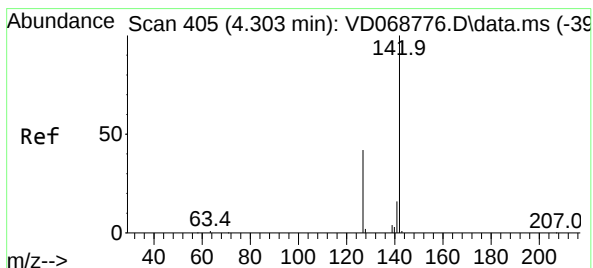
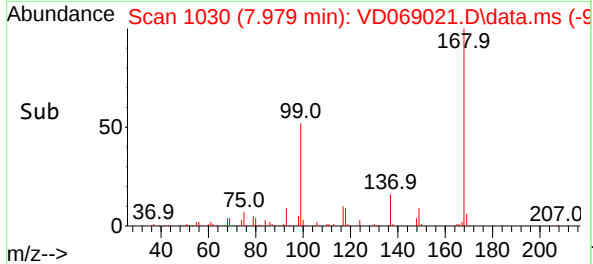
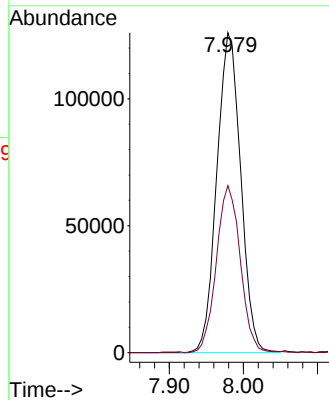
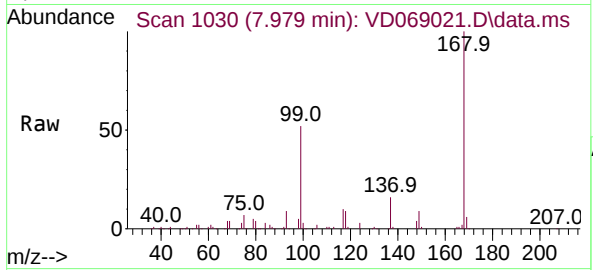




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

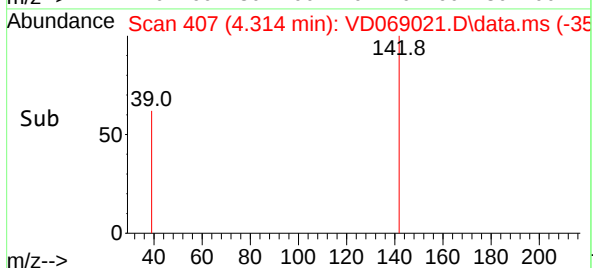
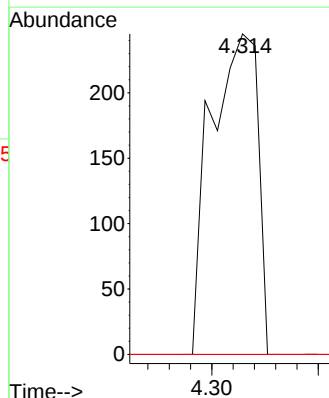
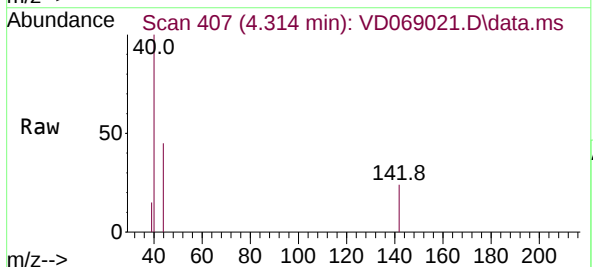
Instrument :
MSVOA_D
ClientSampled :

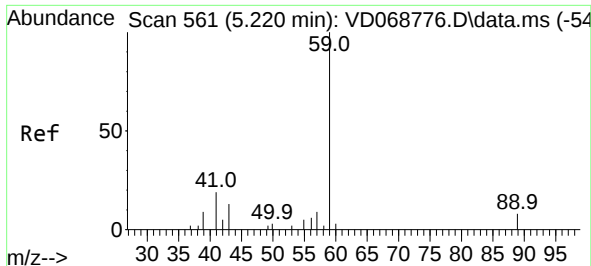
Tgt Ion:168 Resp: 282179
Ion Ratio Lower Upper
168 100
99 51.9 46.2 69.2



#10
Methyl Iodide
Concen: 2.35 ug/l
RT: 4.314 min Scan# 407
Delta R.T. 0.011 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

Tgt Ion:142 Resp: 376
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

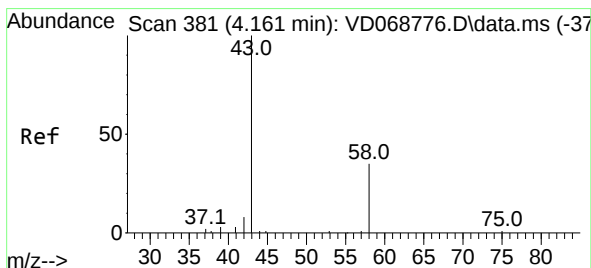
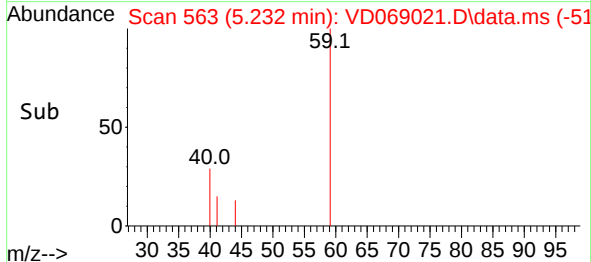
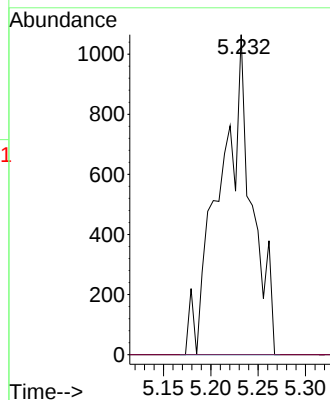
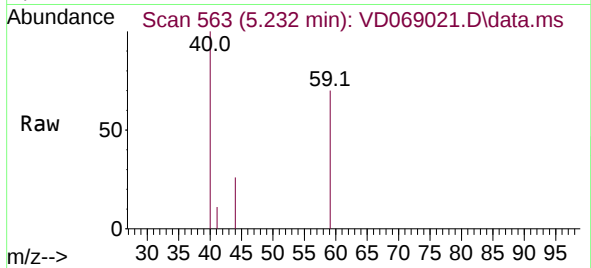




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.232 min Scan# 563
Delta R.T. 0.012 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

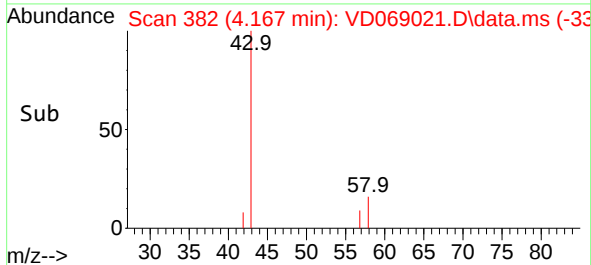
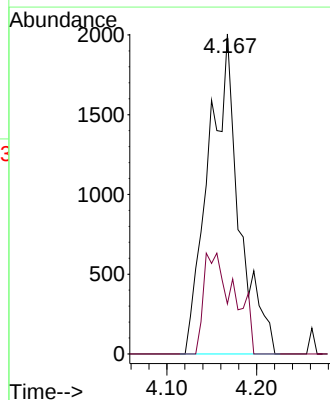
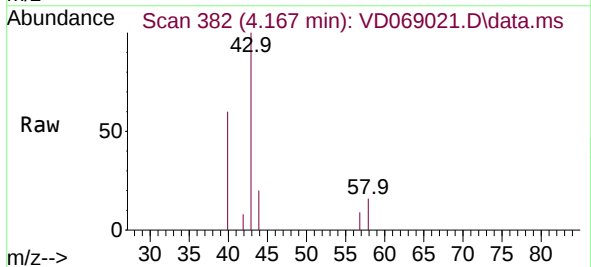
Instrument :
MSVOA_D
ClientSampleId :

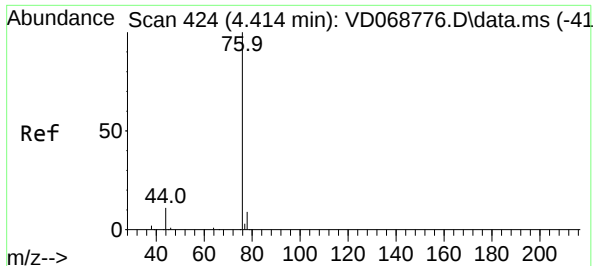
Tgt Ion: 59 Resp: 2484
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 11.55 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.006 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

Tgt Ion: 43 Resp: 4771
Ion Ratio Lower Upper
43 100
58 15.7 28.0 42.0#

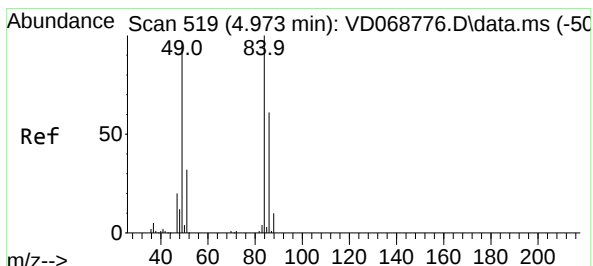
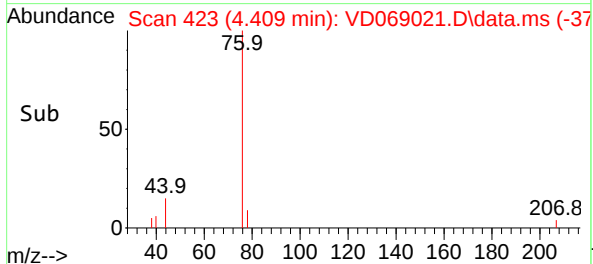
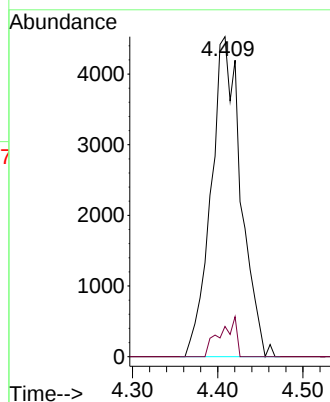
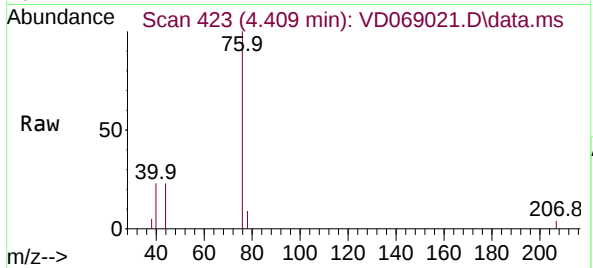




#17
Carbon Disulfide
Concen: 1.21 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.005 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

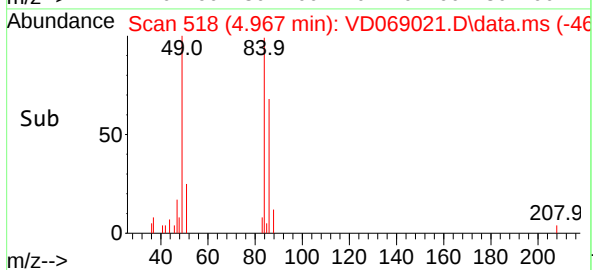
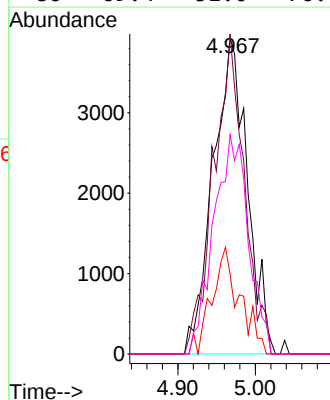
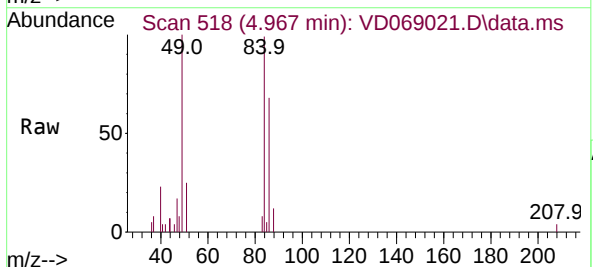
Instrument :
MSVOA_D
ClientSampled :

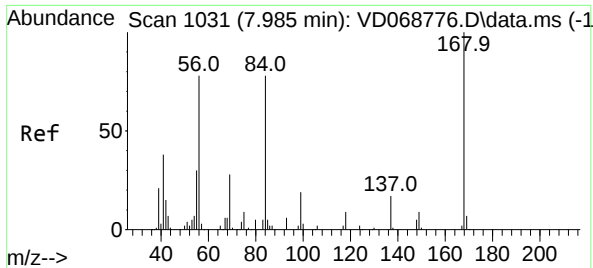
Tgt Ion: 76 Resp: 11072
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#20
Methylene Chloride
Concen: Below Cal
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

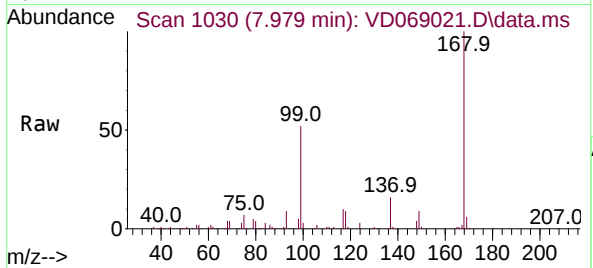
Tgt Ion: 84 Resp: 12068
Ion Ratio Lower Upper
84 100
49 101.3 83.4 125.0
51 25.1 23.4 35.2
86 69.4 51.0 76.4



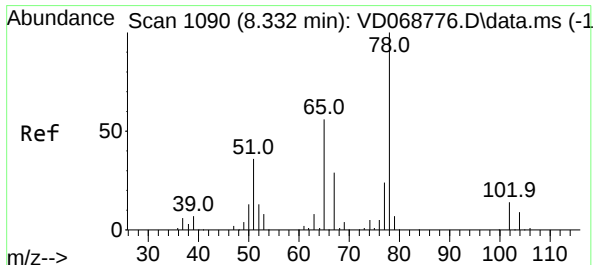
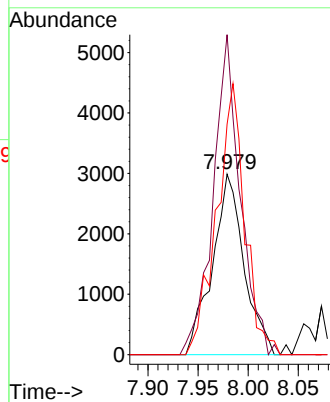
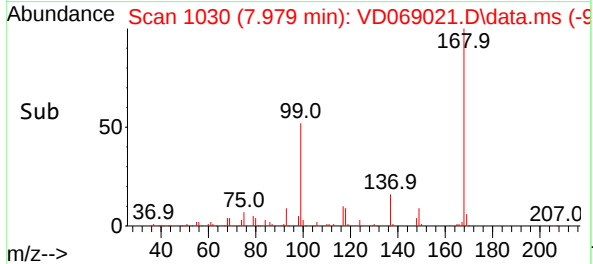


#31
Cyclohexane
Concen: 1.32 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

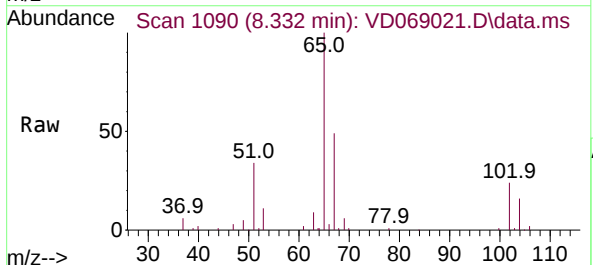
Instrument :
MSVOA_D
ClientSampleId :



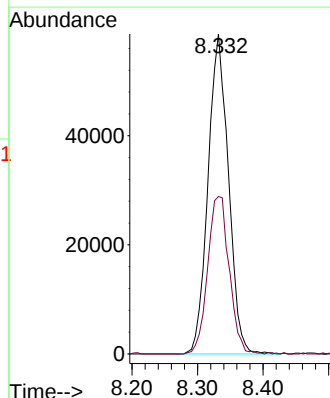
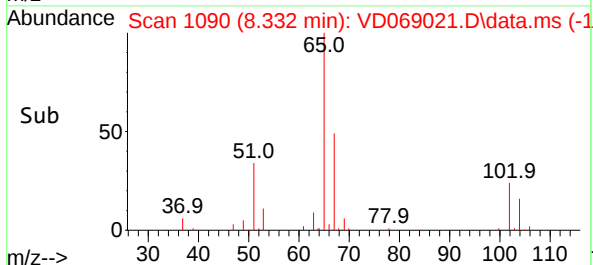
Tgt Ion: 56 Resp: 6554
Ion Ratio Lower Upper
56 100
69 177.2 30.0 45.0#
84 127.6 82.0 123.0#

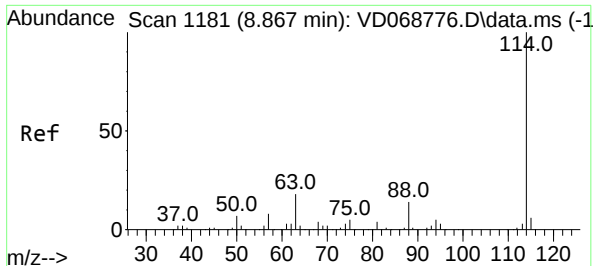


#33
1,2-Dichloroethane-d4
Concen: 42.50 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34



Tgt Ion: 65 Resp: 126757
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

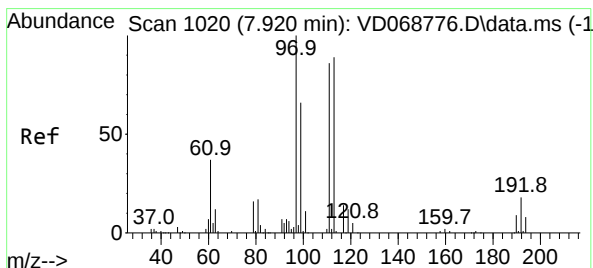
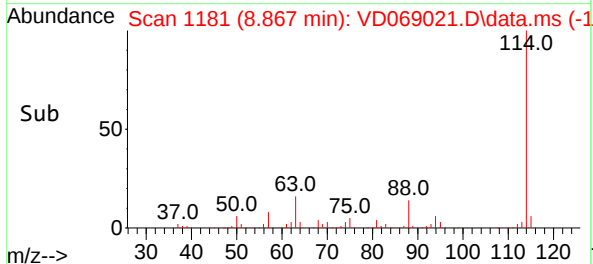
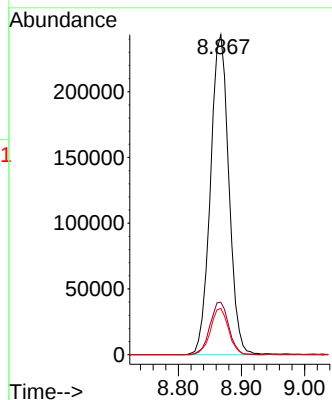
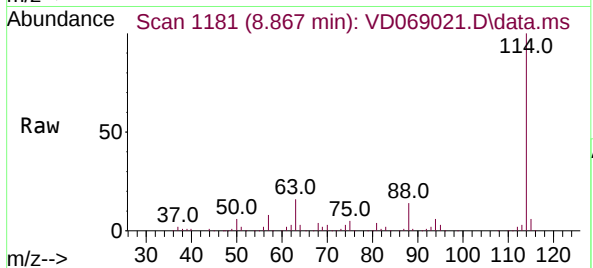




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

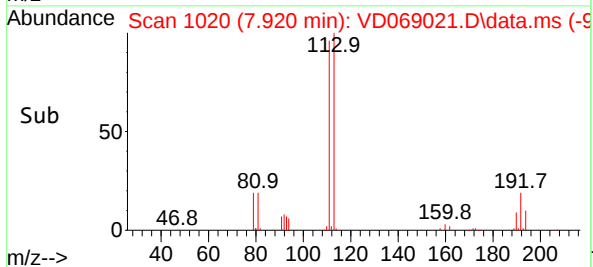
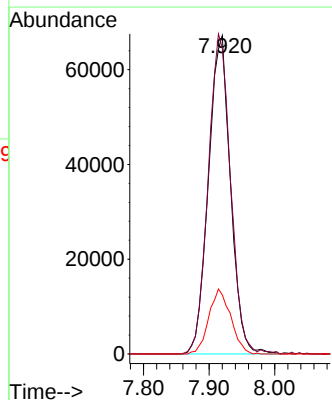
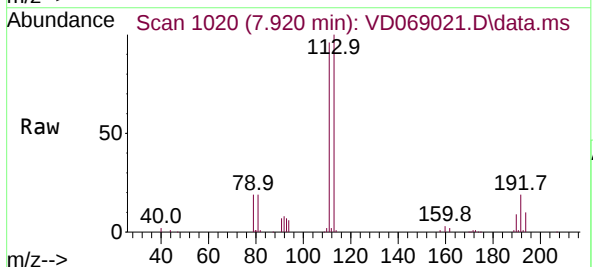
Instrument :
MSVOA_D
ClientSampleId :

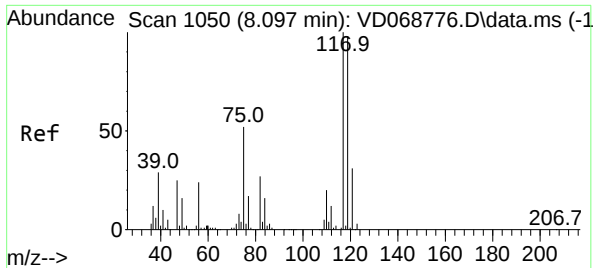
Tgt Ion:114 Resp: 492036
Ion Ratio Lower Upper
114 100
63 16.4 0.0 38.2
88 14.5 0.0 29.4



#35
Dibromofluoromethane
Concen: 49.07 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

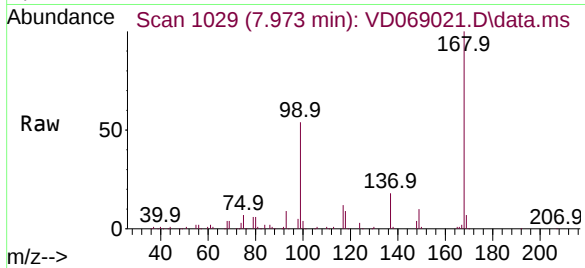
Tgt Ion:113 Resp: 157056
Ion Ratio Lower Upper
113 100
111 102.2 82.5 123.7
192 20.3 15.1 22.7



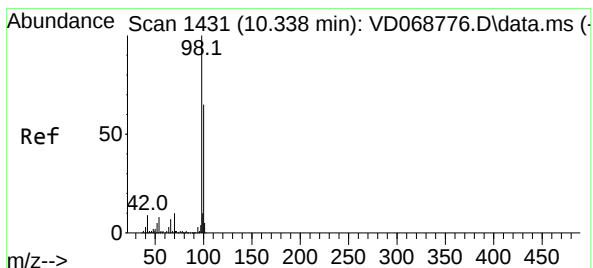
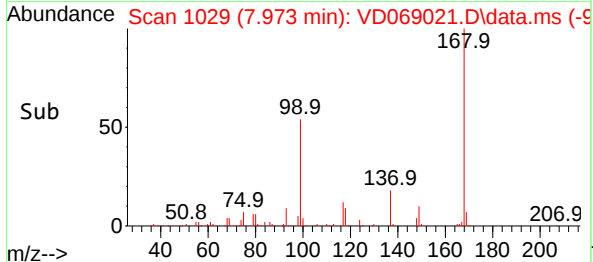
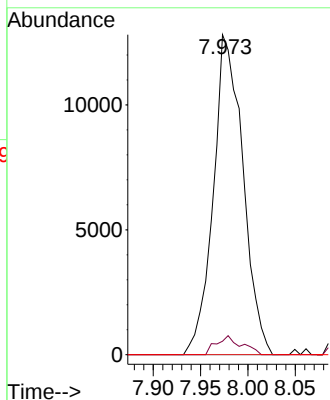


#38
Carbon Tetrachloride
Concen: 5.66 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.124 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

Instrument :
MSVOA_D
ClientSampleId :

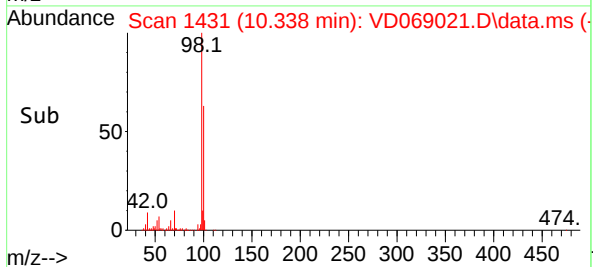
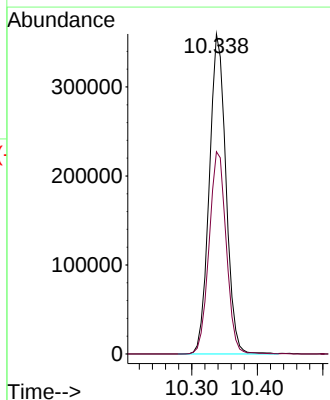
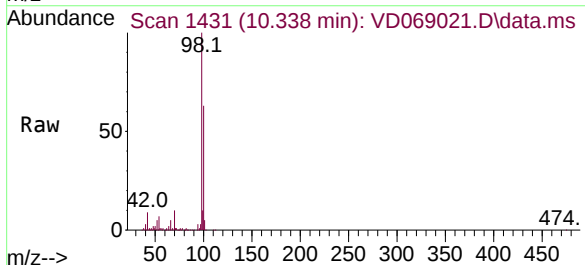


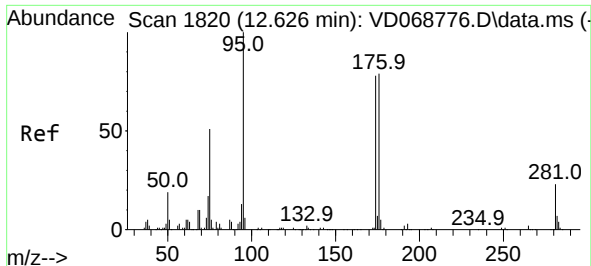
Tgt Ion:117 Resp: 27902
Ion Ratio Lower Upper
117 100
119 4.2 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.42 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

Tgt Ion: 98 Resp: 632823
Ion Ratio Lower Upper
98 100
100 65.1 51.8 77.6

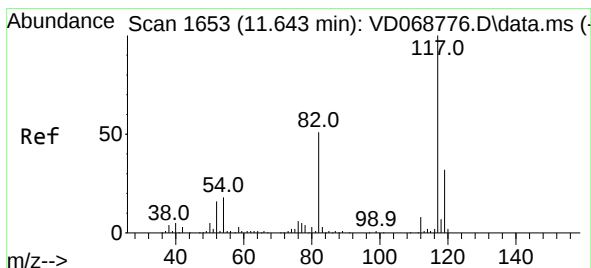
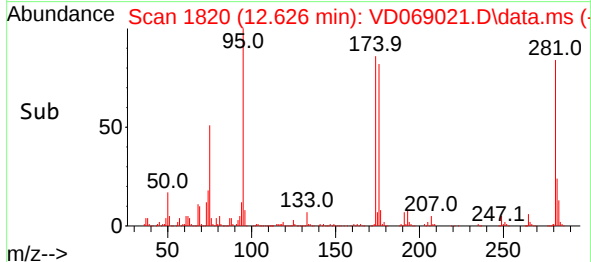
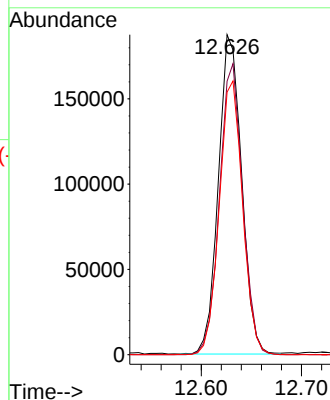
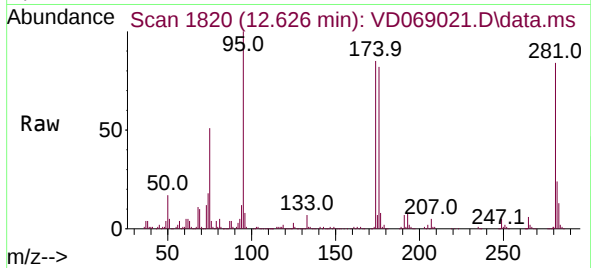




#62
4-Bromofluorobenzene
Concen: 75.17 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

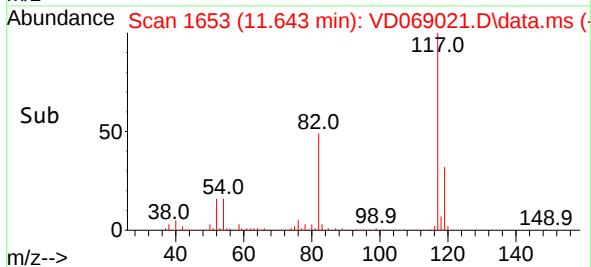
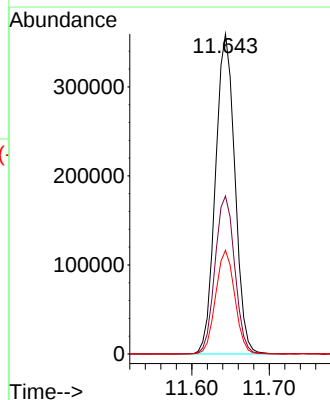
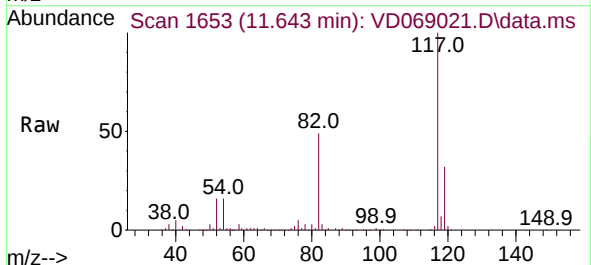
Instrument :
MSVOA_D
ClientSampleId :

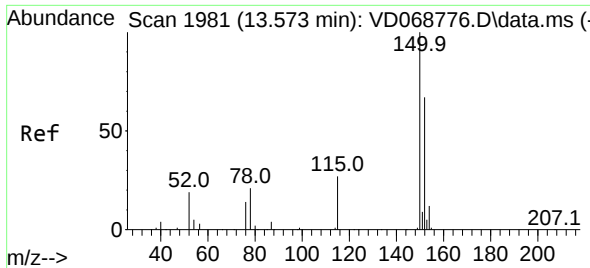
Tgt Ion: 95 Resp: 301430
Ion Ratio Lower Upper
95 100
174 90.5 0.0 168.0
176 86.1 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

Tgt Ion: 117 Resp: 624898
Ion Ratio Lower Upper
117 100
82 49.3 43.5 65.3
119 32.4 26.7 40.1

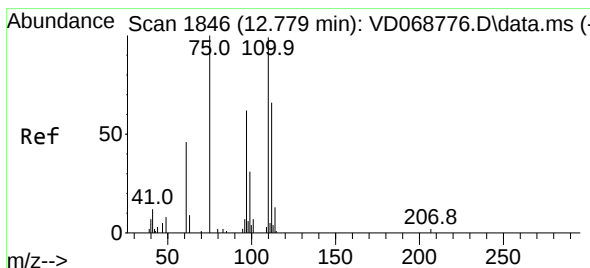
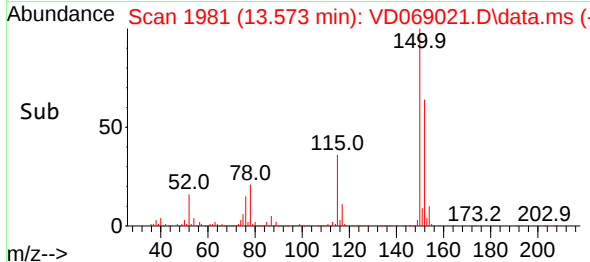
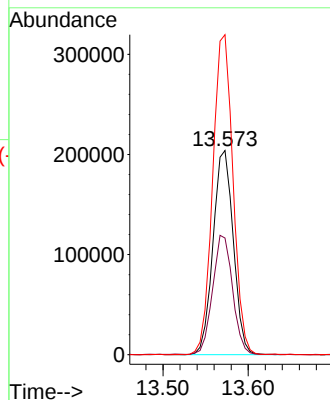
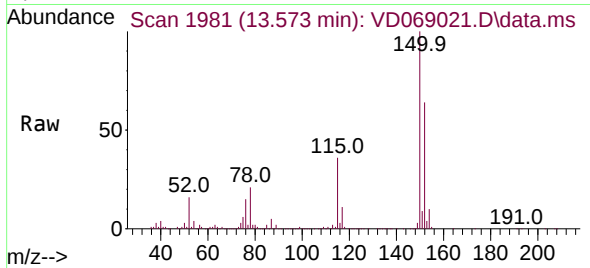




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

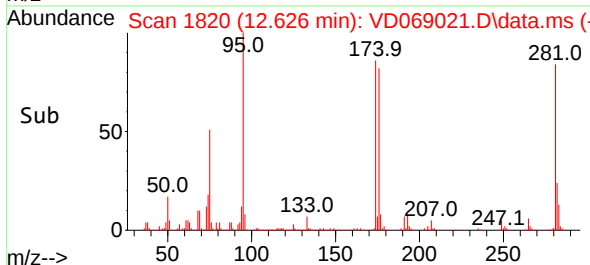
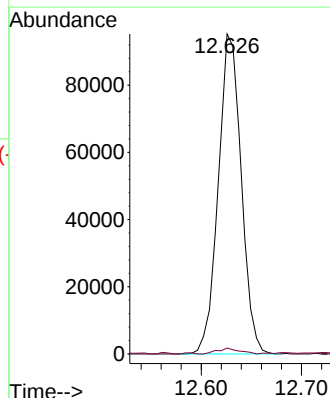
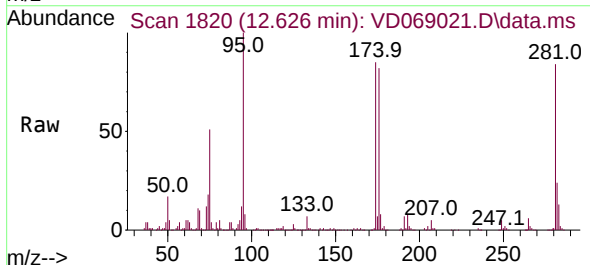
Instrument :
MSVOA_D
ClientSampled :

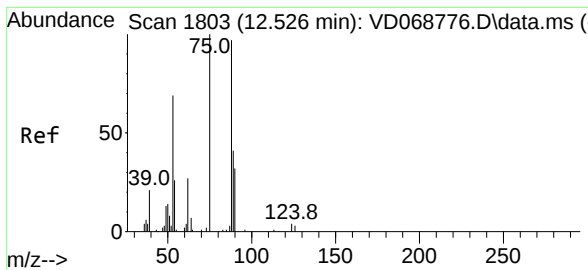
Tgt Ion:152 Resp: 336818
Ion Ratio Lower Upper
152 100
115 57.7 29.3 87.8
150 156.8 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 49.10 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069021.D
Acq: 29 Apr 2021 16:34

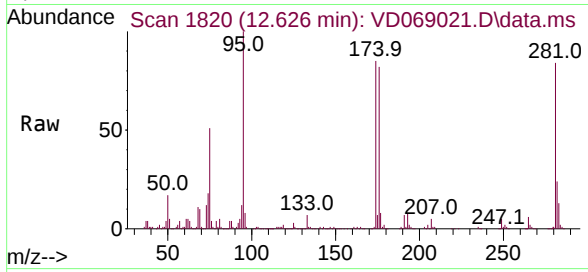
Tgt Ion: 75 Resp: 151096
Ion Ratio Lower Upper
75 100
77 1.8 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 113.96 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069021.D
 Acq: 29 Apr 2021 16:34

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 151096
 Ion Ratio Lower Upper
 75 100
 53 0.3 66.8 100.2#
 89 0.8 36.6 54.8#

