

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042121\
 Data File : VD068925.D
 Acq On : 21 Apr 2021 14:25
 Operator : VA/SY
 Sample : M2106-01
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 22 10:20:23 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)

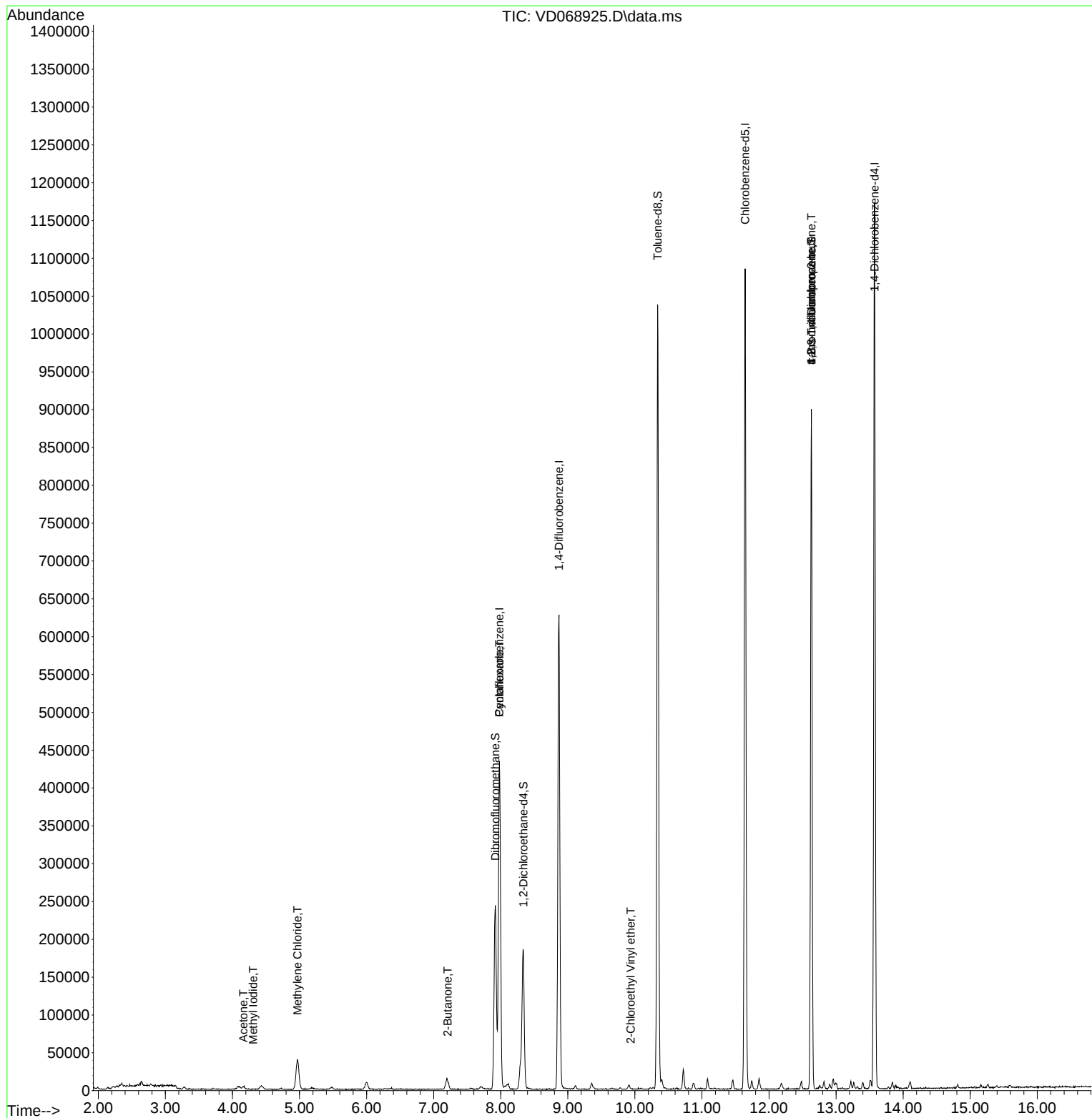
Internal Standards						
1) Pentafluorobenzene	7.979	168	334588	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	575221	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	654348	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	322879	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.338	65	145433	41.13	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	82.26%
35) Dibromofluoromethane	7.920	113	177198	47.36	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.72%
50) Toluene-d8	10.338	98	729653	51.70	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.40%
62) 4-Bromofluorobenzene	12.632	95	283285	60.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	120.86%
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.309	142	882	2.45	ug/l #	51
11) Tert butyl alcohol	5.220	59	454	Below	Cal #	73
16) Acetone	4.162	43	3656	7.47	ug/l	100
20) Methylene Chloride	4.967	84	33582	4.04	ug/l	89
25) 2-Butanone	7.209	43	725	1.05	ug/l #	39
31) Cyclohexane	7.979	56	9075	1.54	ug/l #	47
58) 2-Chloroethyl Vinyl ether	9.938	63	185	17.09	ug/l #	44
76) 1,2,3-Trichloropropane	12.632	75	140952	47.79	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.632	75	140952	110.90	ug/l #	16

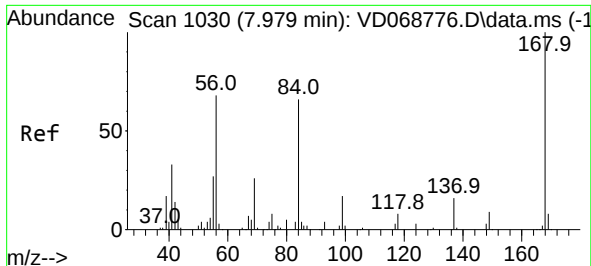
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

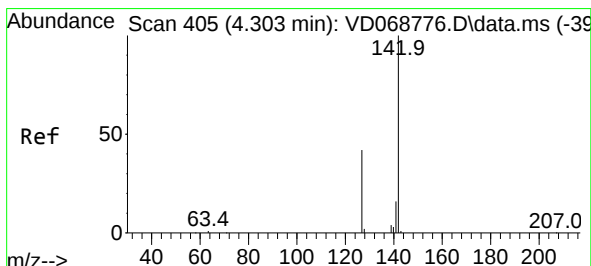
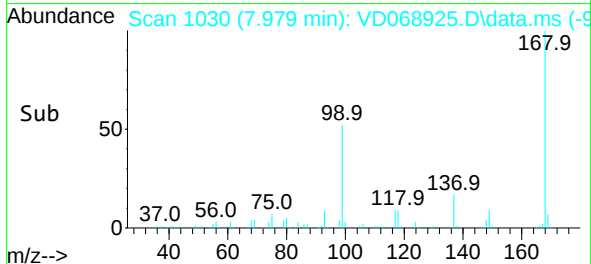
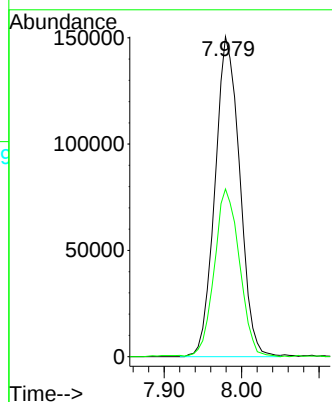
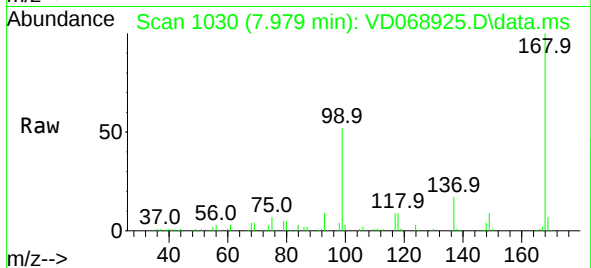




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

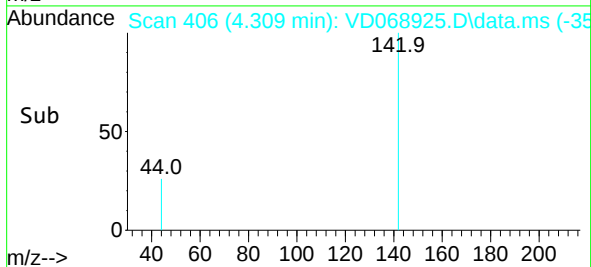
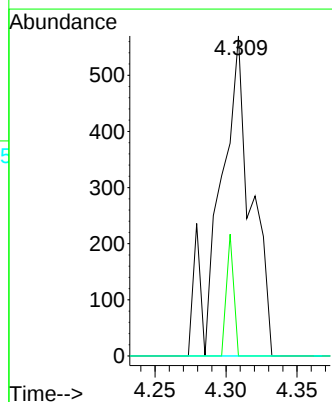
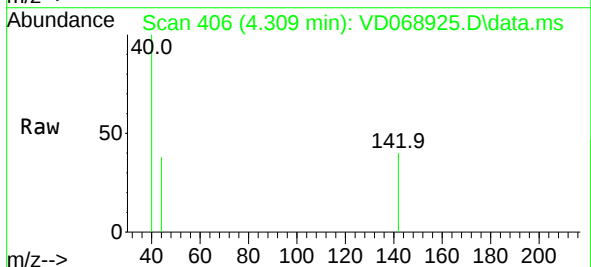
Instrument :
MSVOA_D
ClientSampleId :

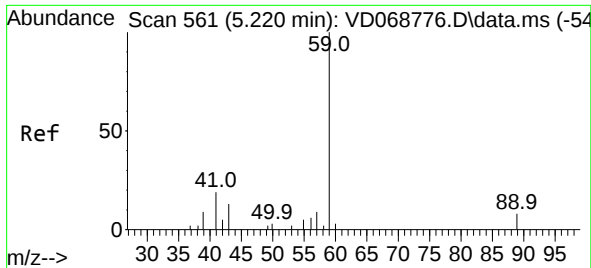
Tgt Ion:168 Resp: 334588
Ion Ratio Lower Upper
168 100
99 52.4 46.2 69.2



#10
Methyl Iodide
Concen: 2.45 ug/l
RT: 4.309 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion:142 Resp: 882
Ion Ratio Lower Upper
142 100
127 8.7 34.7 52.1#
141 0.0 11.0 16.4#

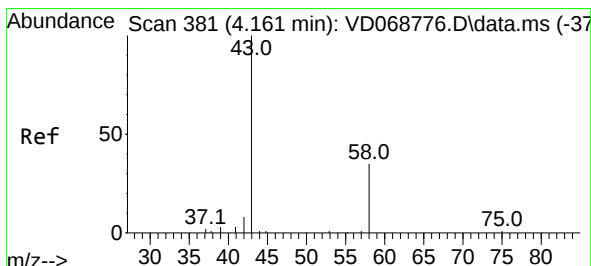
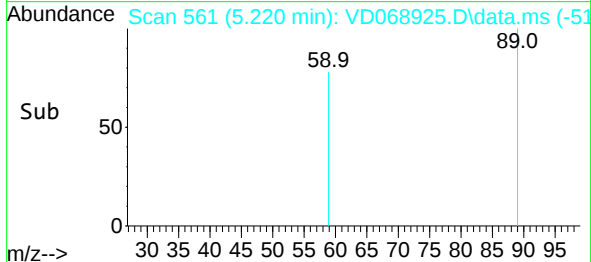
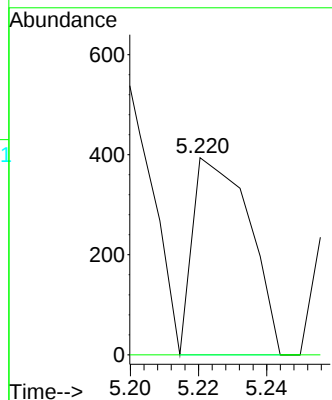
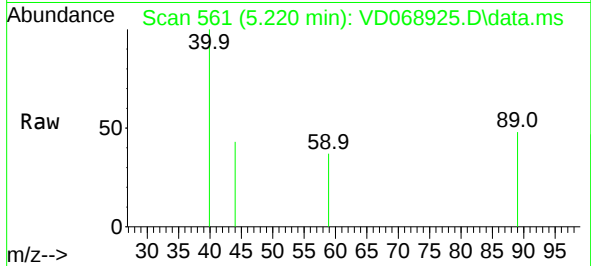




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.220 min Scan# 561
Delta R.T. 0.000 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

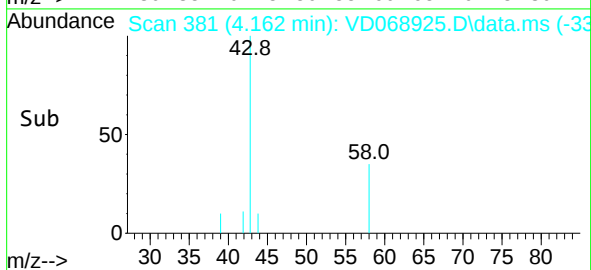
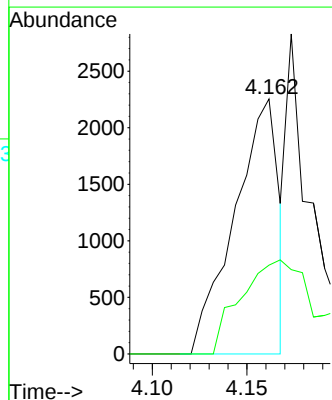
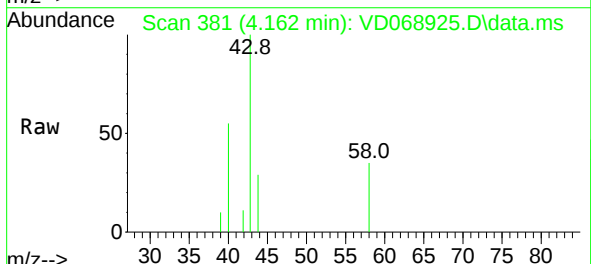
Instrument :
MSVOA_D
ClientSampled :

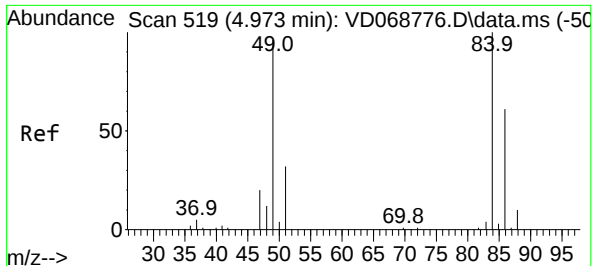
Tgt Ion: 59 Resp: 454
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 7.47 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.001 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 43 Resp: 3656
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0



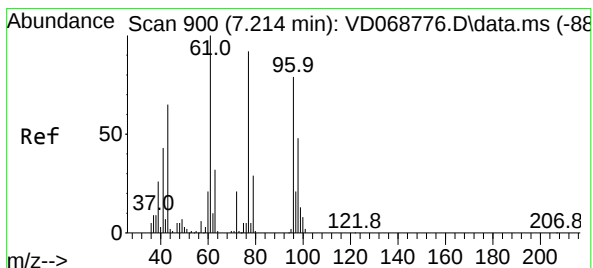
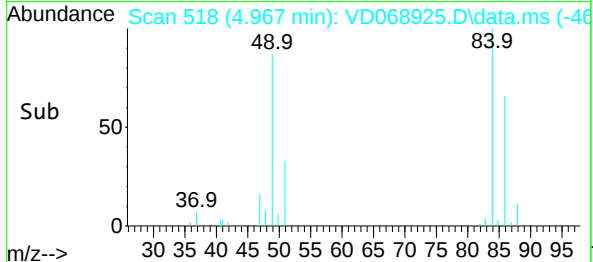
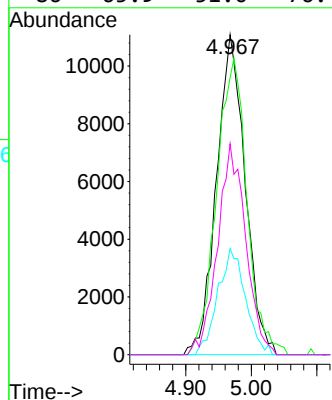
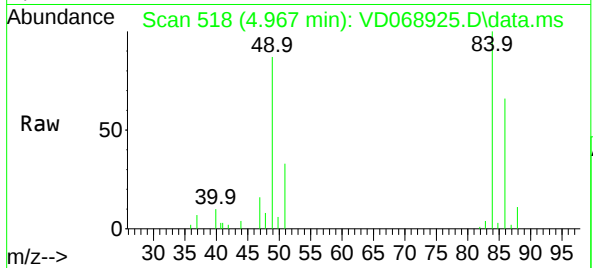


#20
Methylene Chloride
Concen: 4.04 ug/l
RT: 4.967 min Scan# 518
Delta R.T. -0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :

Tgt Ion: 84 Resp: 33582

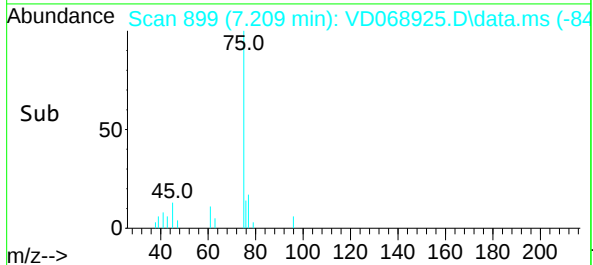
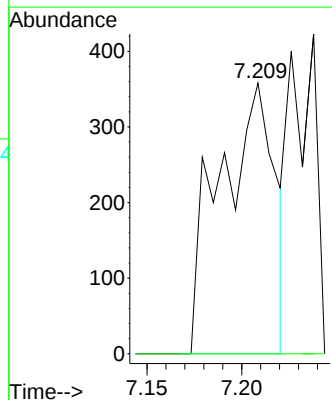
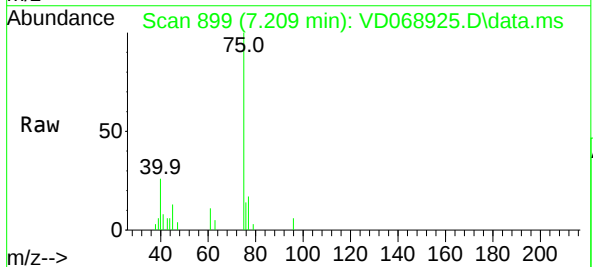
Ion	Ratio	Lower	Upper
84	100		
49	86.7	83.4	125.0
51	33.2	23.4	35.2
86	65.9	51.0	76.4

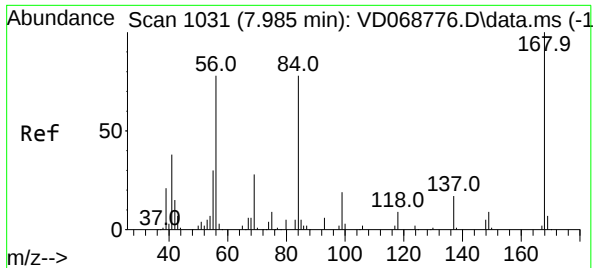


#25
2-Butanone
Concen: 1.05 ug/l
RT: 7.209 min Scan# 899
Delta R.T. -0.005 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 43 Resp: 725

Ion	Ratio	Lower	Upper
43	100		
72	0.0	28.6	43.0#

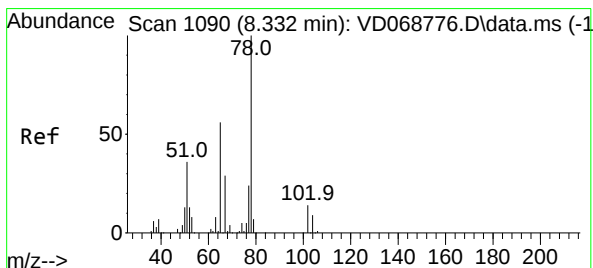
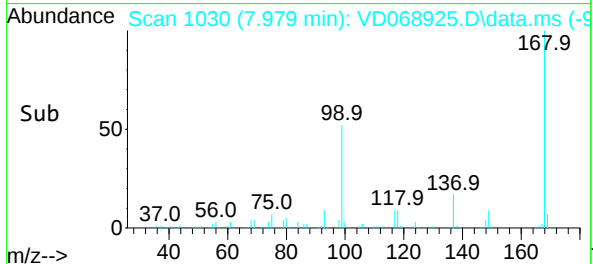
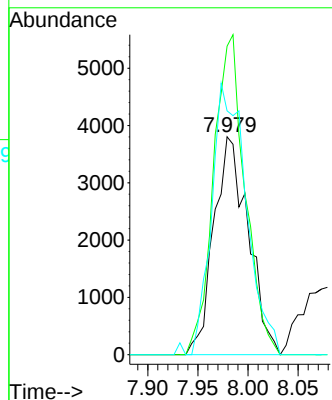
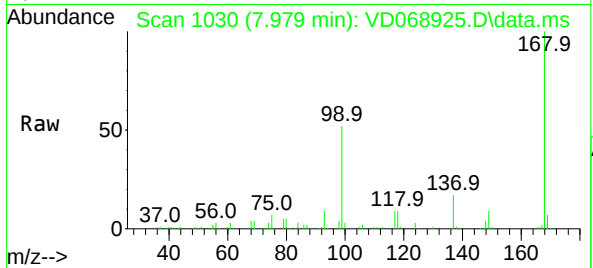




#31
Cyclohexane
Concen: 1.54 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

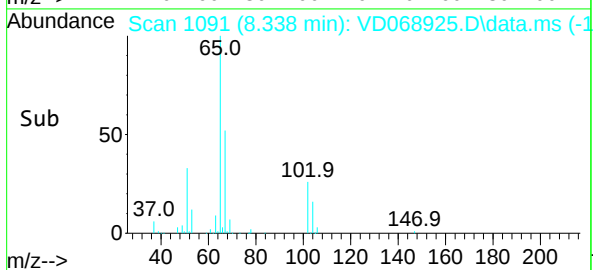
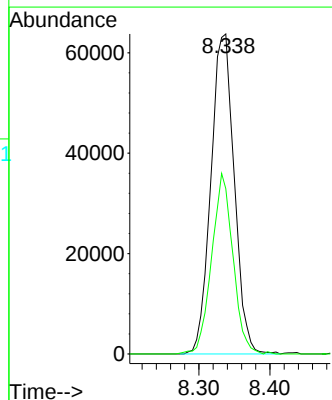
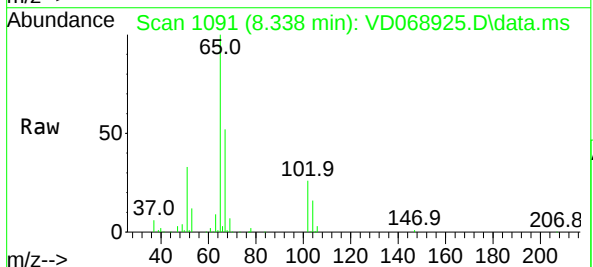
Instrument :
MSVOA_D
ClientSampleId :

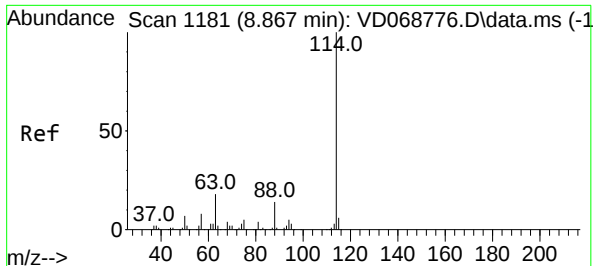
Tgt Ion: 56 Resp: 9075
Ion Ratio Lower Upper
56 100
69 141.6 30.0 45.0#
84 111.9 82.0 123.0



#33
1,2-Dichloroethane-d4
Concen: 41.13 ug/l
RT: 8.338 min Scan# 1091
Delta R.T. 0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 65 Resp: 145433
Ion Ratio Lower Upper
65 100
67 51.4 0.0 106.0



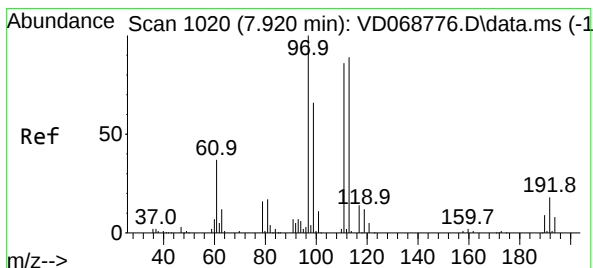
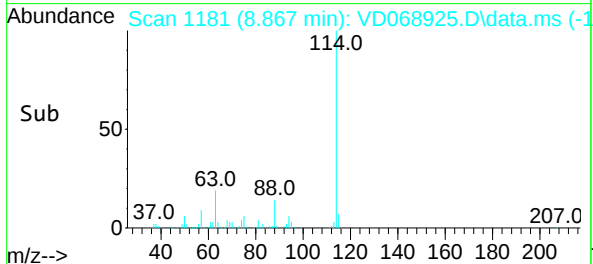
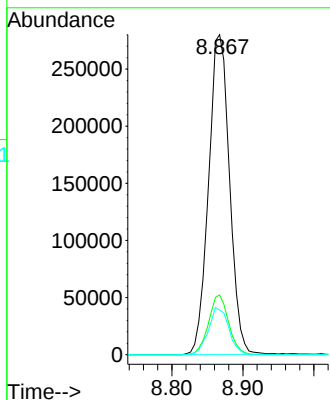
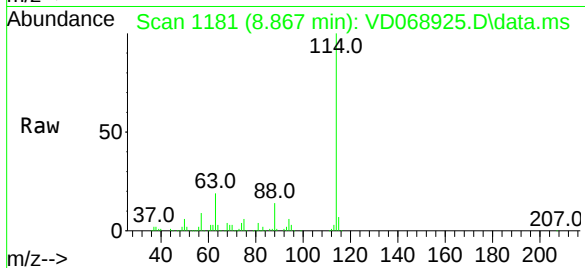


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Instrument :
MSVOA_D
ClientSampleId :

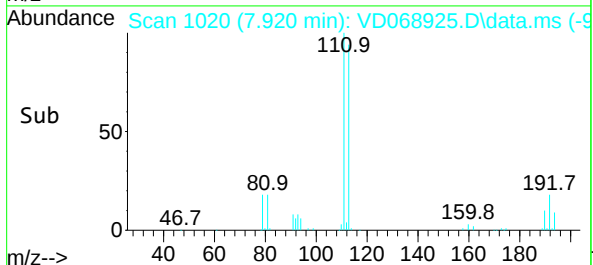
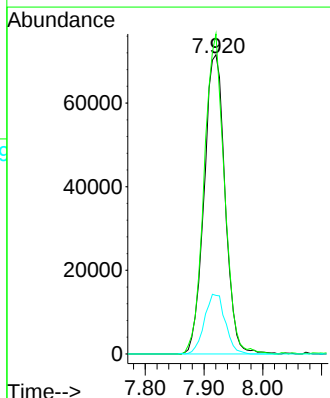
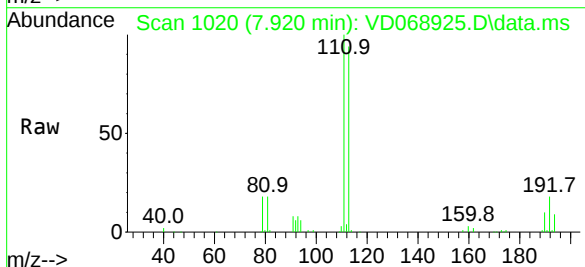
Tgt Ion:114 Resp: 575221
Ion Ratio Lower Upper
114 100
63 18.7 0.0 38.2
88 14.0 0.0 29.4

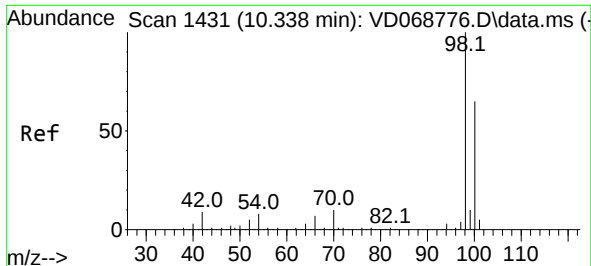


#35

Dibromofluoromethane
Concen: 47.36 ug/l
RT: 7.920 min Scan# 1020
Delta R.T. 0.000 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion:113 Resp: 177198
Ion Ratio Lower Upper
113 100
111 103.1 82.5 123.7
192 19.8 15.1 22.7

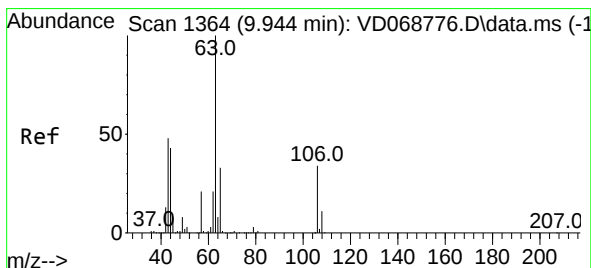
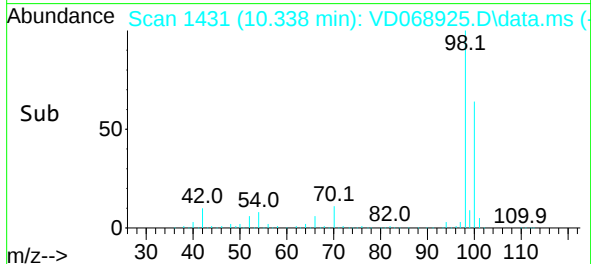
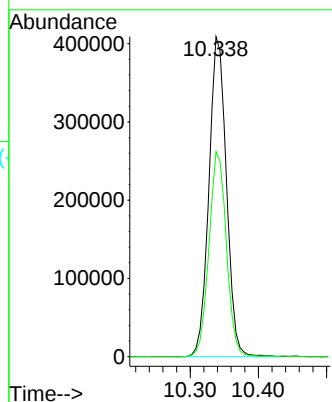
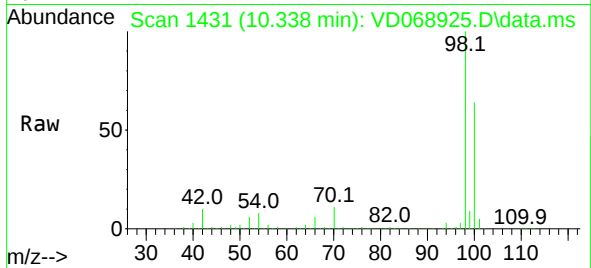




#50
Toluene-d8
Concen: 51.70 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

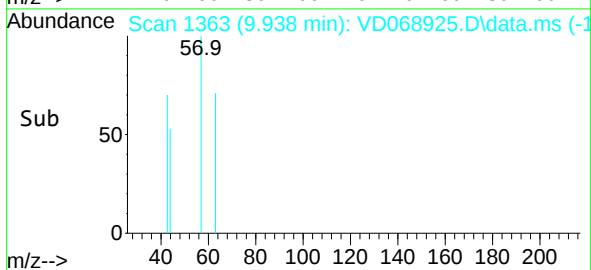
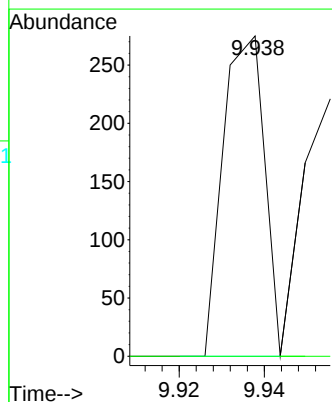
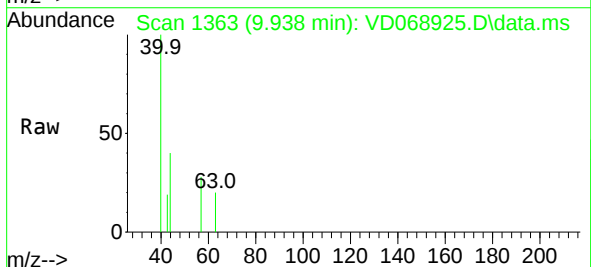
Instrument :
MSVOA_D
ClientSampleId :

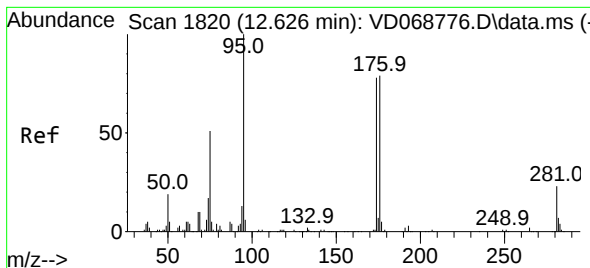
Tgt Ion: 98 Resp: 729653
Ion Ratio Lower Upper
98 100
100 64.2 51.8 77.6



#58
2-Chloroethyl Vinyl ether
Concen: 17.09 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. -0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

Tgt Ion: 63 Resp: 185
Ion Ratio Lower Upper
63 100
106 0.0 24.6 36.8#

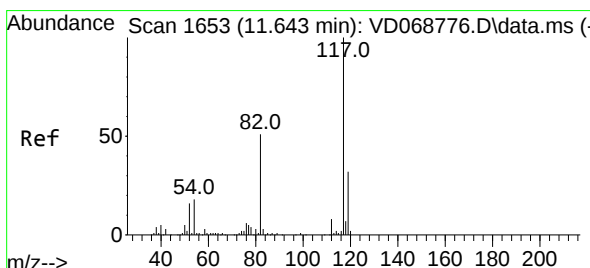
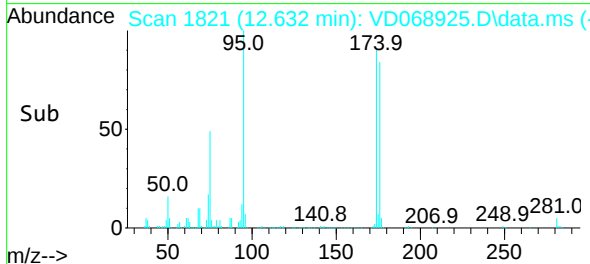
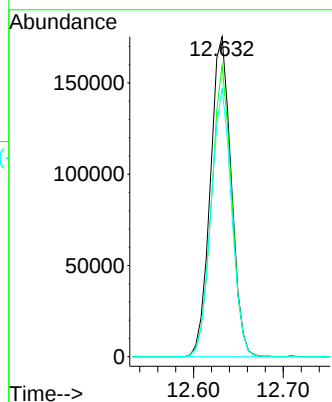
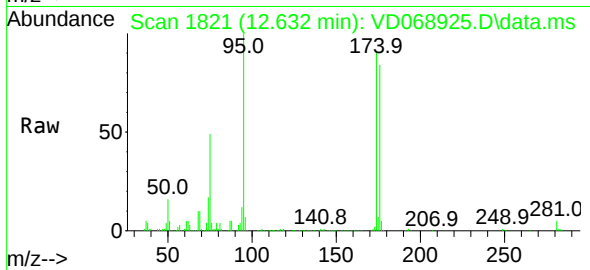




#62
4-Bromofluorobenzene
Concen: 60.43 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

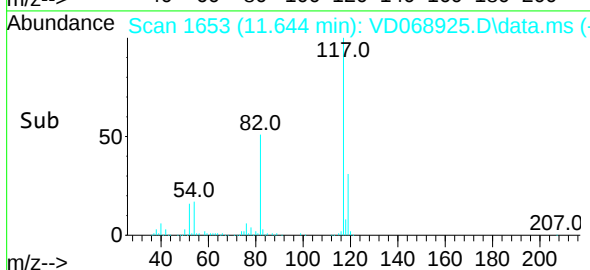
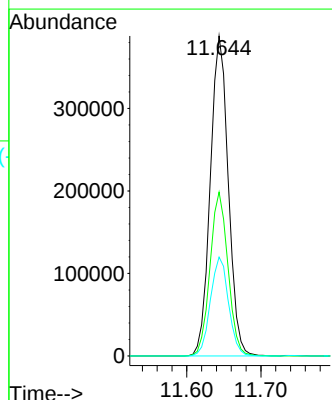
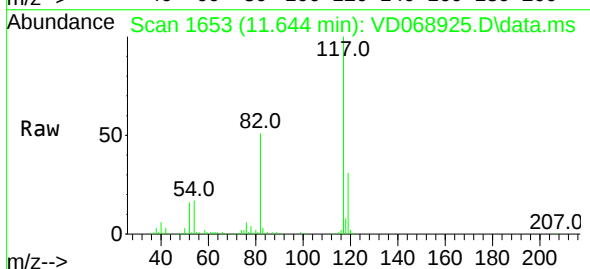
Instrument :
MSVOA_D
ClientSampleId :

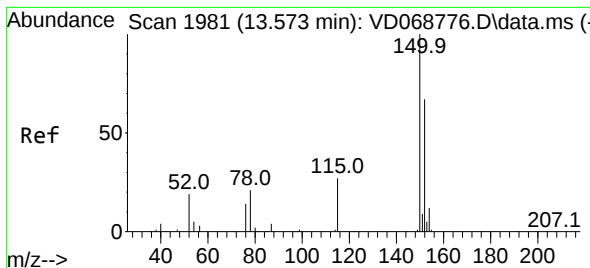
Tgt Ion: 95 Resp: 283285
Ion Ratio Lower Upper
95 100
174 87.8 0.0 168.0
176 83.0 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD068925.D
Acq: 21 Apr 2021 14:25

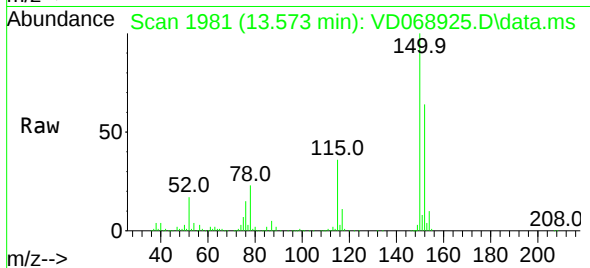
Tgt Ion:117 Resp: 654348
Ion Ratio Lower Upper
117 100
82 51.2 43.5 65.3
119 30.9 26.7 40.1



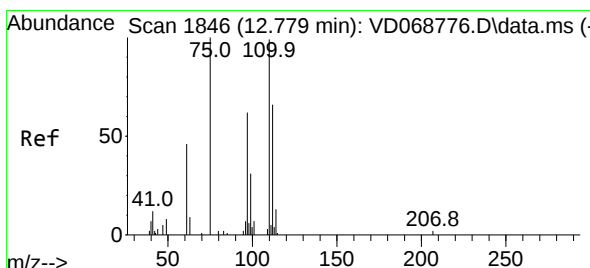
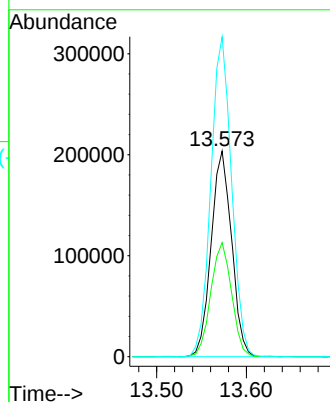
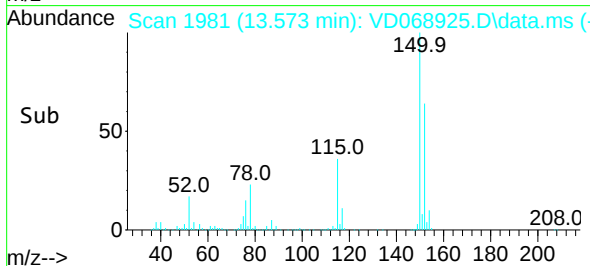


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.00 ug/l
 RT: 13.573 min Scan# 1981
 Delta R.T. -0.000 min
 Lab File: VD068925.D
 Acq: 21 Apr 2021 14:25

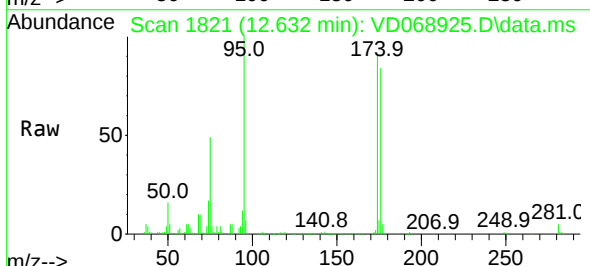
Instrument :
 MSVOA_D
 ClientSampled :



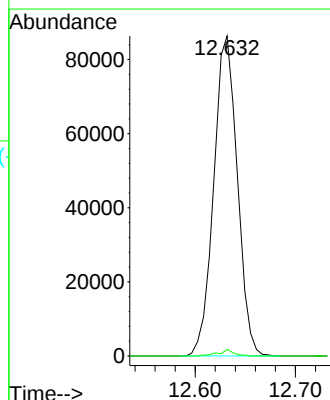
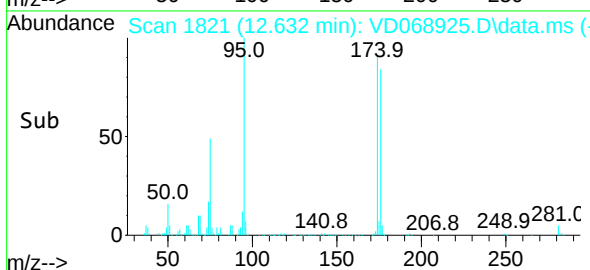
Tgt Ion:152 Resp: 322879
 Ion Ratio Lower Upper
 152 100
 115 56.2 29.3 87.8
 150 156.9 0.0 347.6

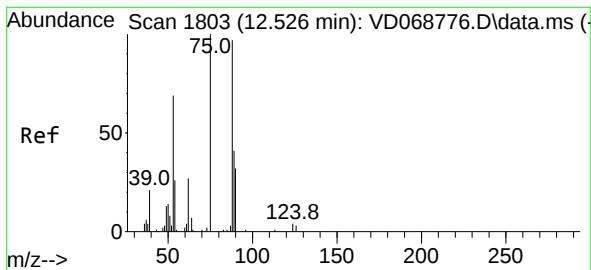


#76
 1,2,3-Trichloropropane
 Concen: 47.79 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. -0.147 min
 Lab File: VD068925.D
 Acq: 21 Apr 2021 14:25



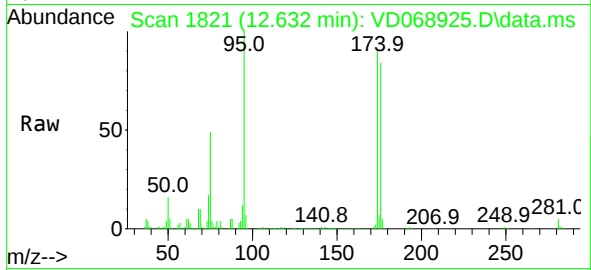
Tgt Ion: 75 Resp: 140952
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 110.90 ug/l
 RT: 12.632 min Scan# 1821
 Delta R.T. 0.106 min
 Lab File: VD068925.D
 Acq: 21 Apr 2021 14:25

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 140952
 Ion Ratio Lower Upper
 75 100
 53 0.2 66.8 100.2#
 89 0.0 36.6 54.8#

