

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD042921\
 Data File : VD069023.D
 Acq On : 29 Apr 2021 17:31
 Operator : VA/SY
 Sample : M2217-08
 Misc : 4.86G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :

Quant Time: Apr 30 02:57:23 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	287565	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	494446	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	597696	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	302335	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	118613	39.03	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	78.06%
35) Dibromofluoromethane	7.914	113	155226	48.27	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.54%
50) Toluene-d8	10.338	98	632464	52.13	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.26%
62) 4-Bromofluorobenzene	12.632	95	265515	65.89	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	131.78%

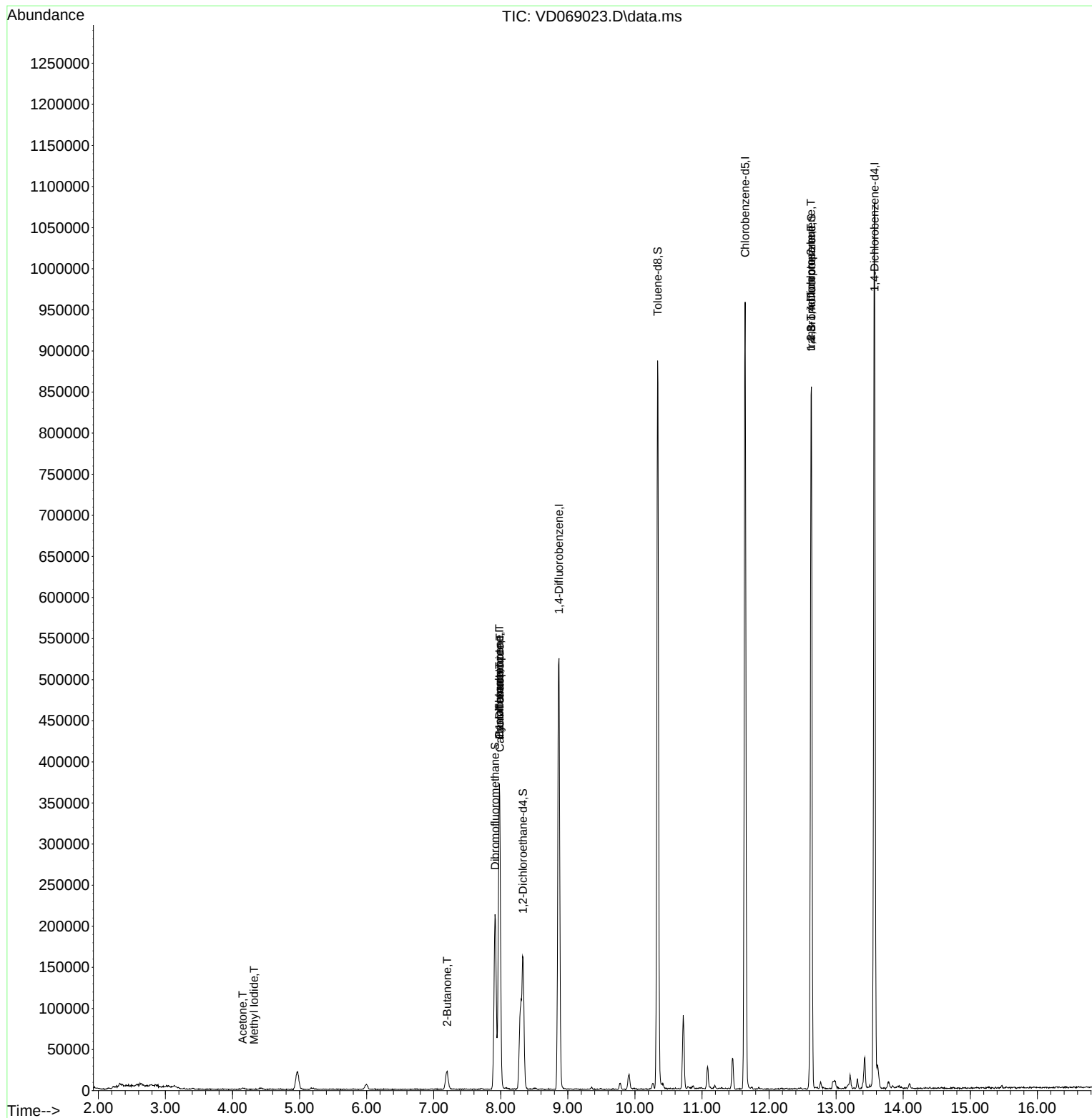
Target Compounds					Qvalue
10) Methyl Iodide	4.320	142	92	2.27 ug/l	# 41
11) Tert butyl alcohol	5.209	59	494	Below Cal	# 73
16) Acetone	4.150	43	2169	5.15 ug/l	100
25) 2-Butanone	7.203	43	1110	1.86 ug/l	# 39
31) Cyclohexane	7.979	56	6117	1.21 ug/l	# 54
36) 1,1-Dichloropropene	7.979	75	21458	4.29 ug/l	# 50
38) Carbon Tetrachloride	7.985	117	28132	5.68 ug/l	# 16
76) 1,2,3-Trichloropropane	12.626	75	130073	47.09 ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.626	75	130073	109.29 ug/l	# 16

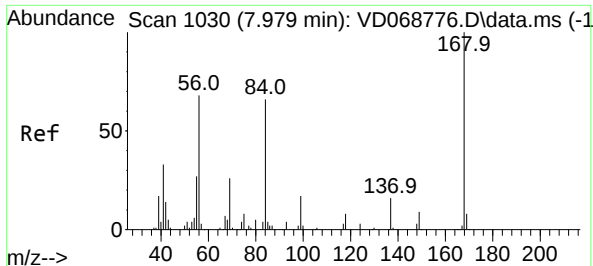
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 30 02:57:23 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

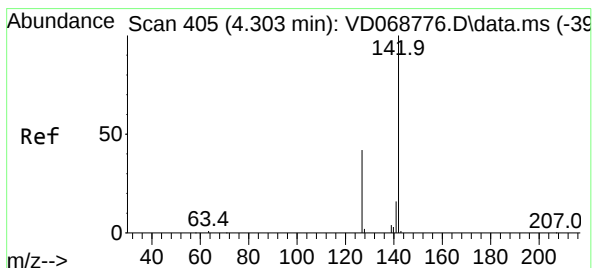
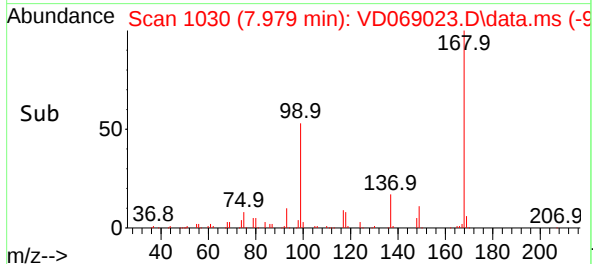
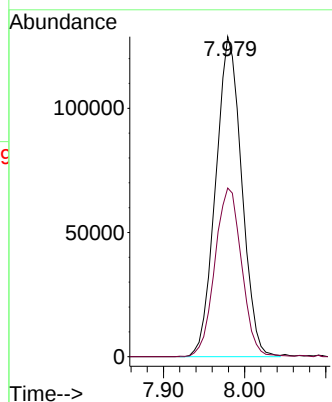
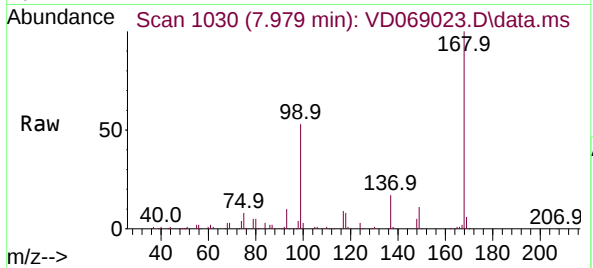




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

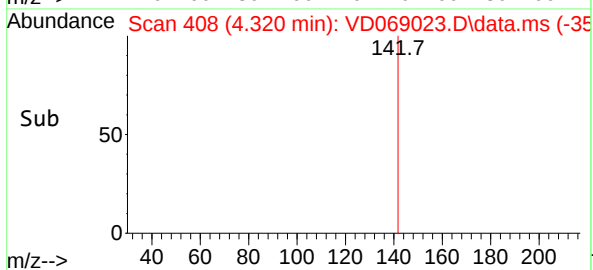
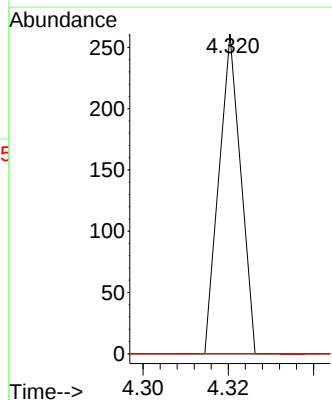
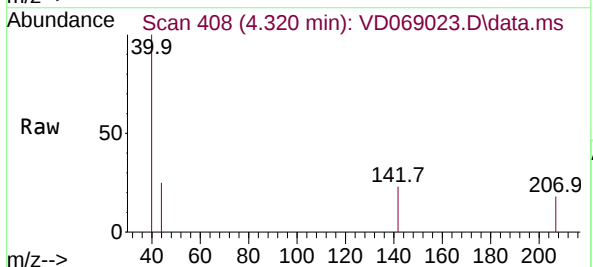
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ClientSampleId :

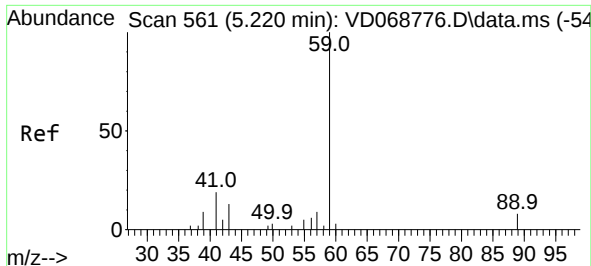
Tgt Ion:168 Resp: 287565
Ion Ratio Lower Upper
168 100
99 52.6 46.2 69.2



#10
Methyl Iodide
Concen: 2.27 ug/l
RT: 4.320 min Scan# 408
Delta R.T. 0.017 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion:142 Resp: 92
Ion Ratio Lower Upper
142 100
127 0.0 34.7 52.1#
141 0.0 11.0 16.4#

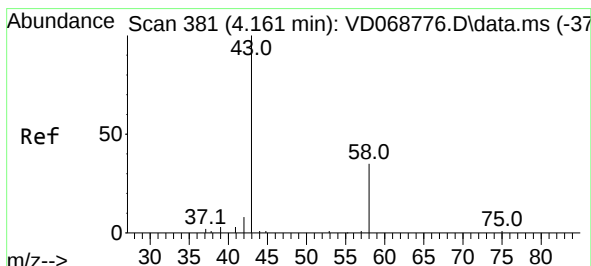
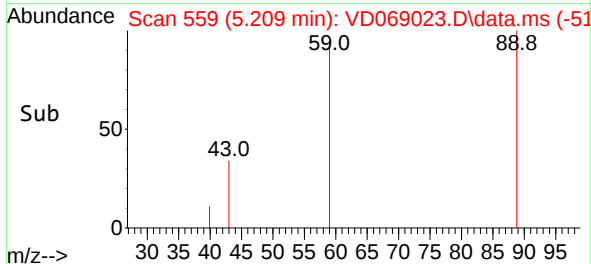
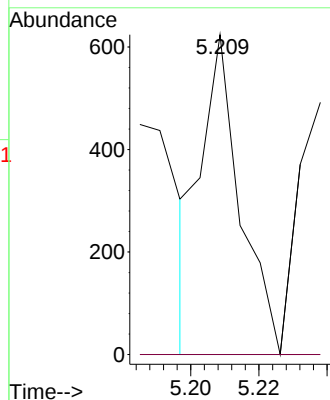
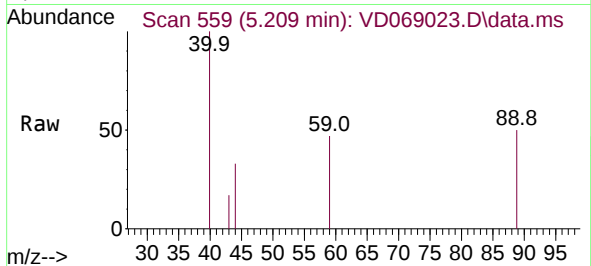




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.209 min Scan# 559
Delta R.T. -0.011 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

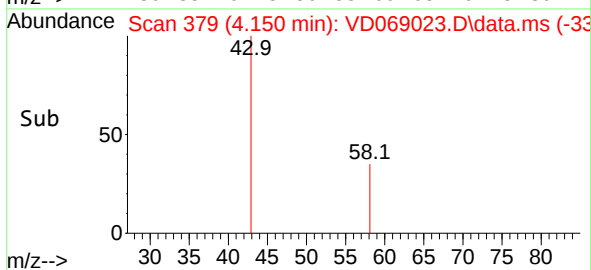
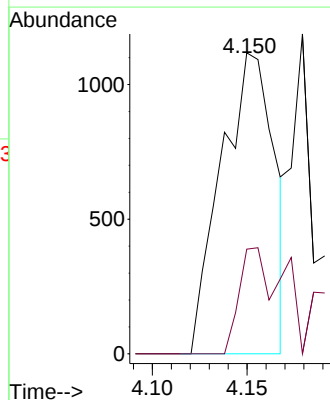
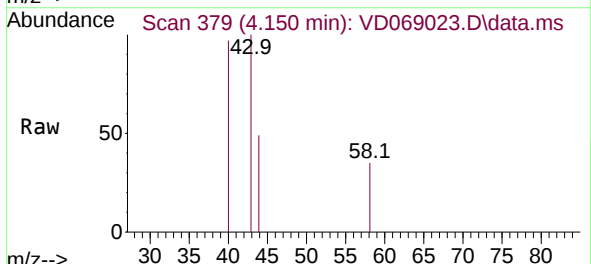
Instrument :
MSVOA_D
ClientSampled :

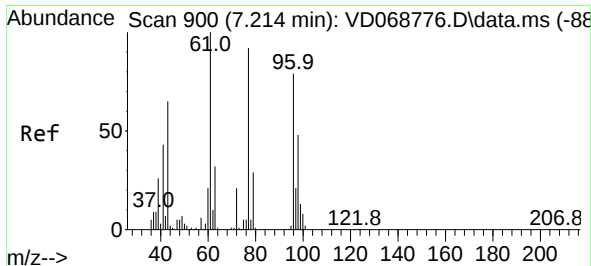
Tgt Ion: 59 Resp: 494
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#



#16
Acetone
Concen: 5.15 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.011 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 43 Resp: 2169
Ion Ratio Lower Upper
43 100
58 34.8 28.0 42.0

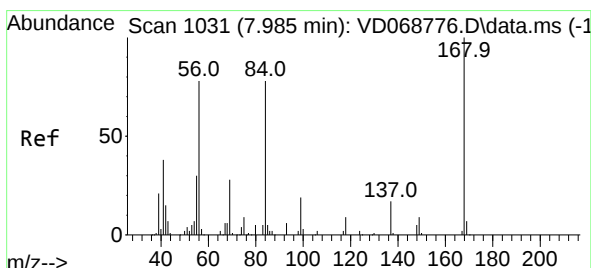
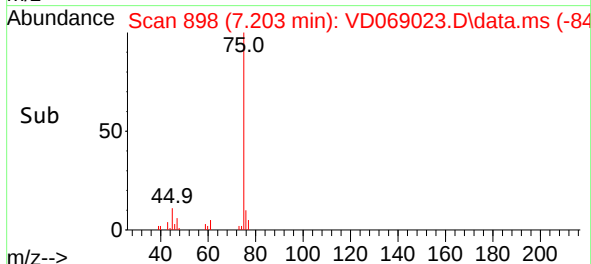
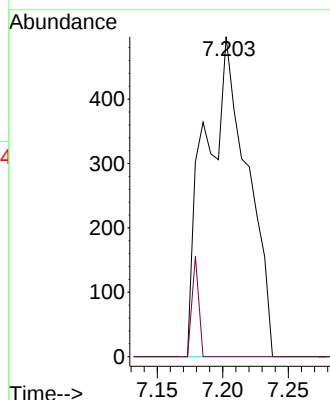
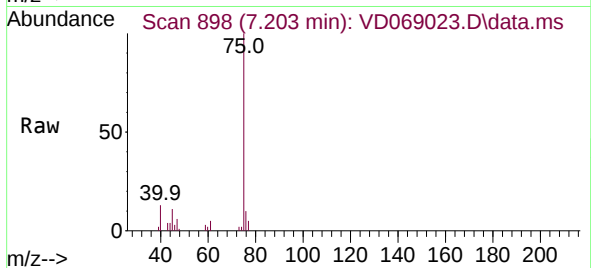




#25
2-Butanone
Concen: 1.86 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.011 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

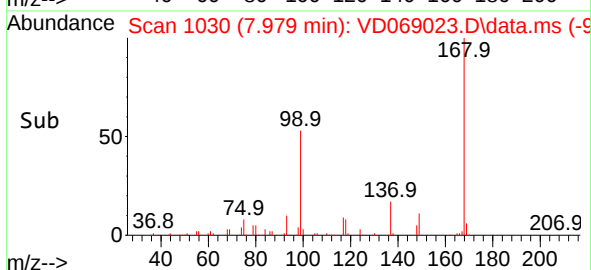
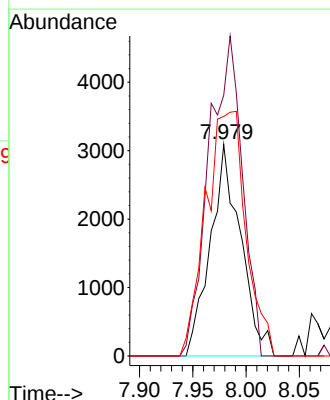
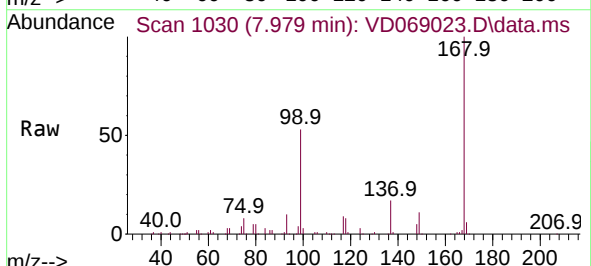
Instrument :
MSVOA_D
ClientSampled :

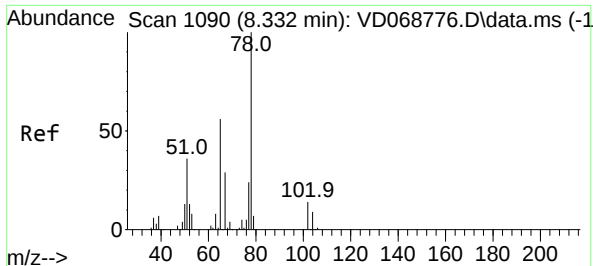
Tgt Ion: 43 Resp: 1110
Ion Ratio Lower Upper
43 100
72 0.0 28.6 43.0#



#31
Cyclohexane
Concen: 1.21 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 56 Resp: 6117
Ion Ratio Lower Upper
56 100
69 123.2 30.0 45.0#
84 113.2 82.0 123.0



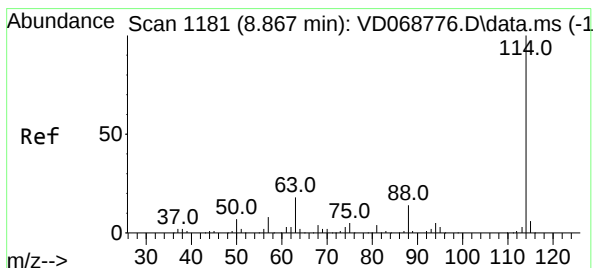
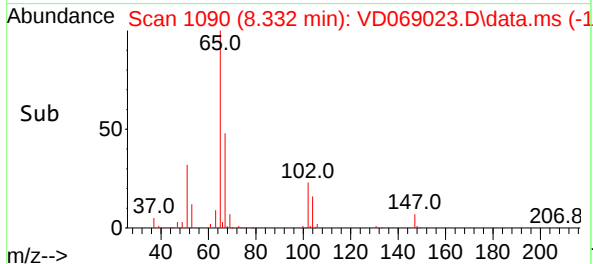
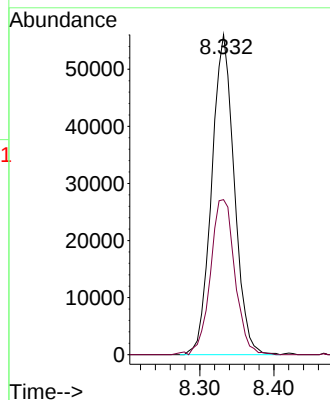
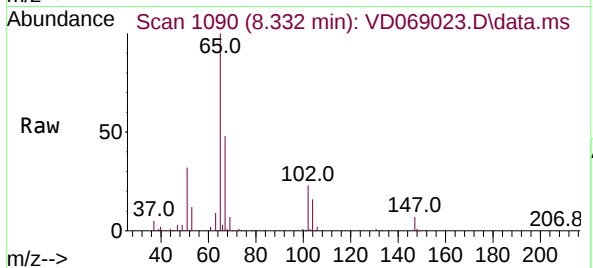


#33

1,2-Dichloroethane-d4
Concen: 39.03 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Instrument :
MSVOA_D
ClientSampled :

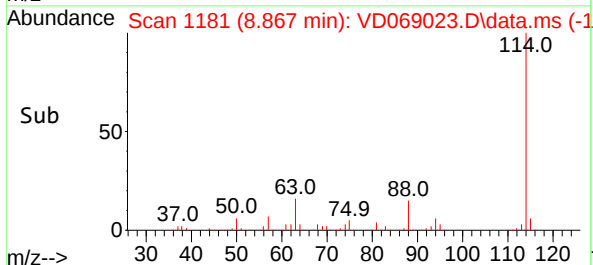
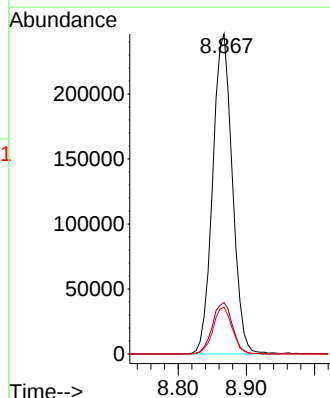
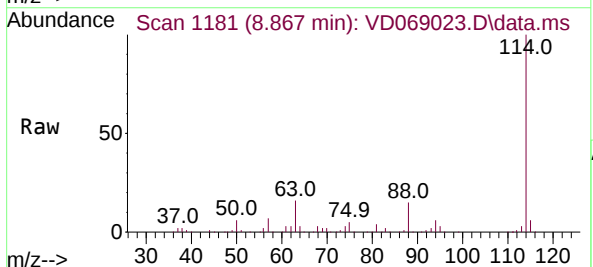
Tgt Ion: 65 Resp: 118613
Ion Ratio Lower Upper
65 100
67 52.6 0.0 106.0

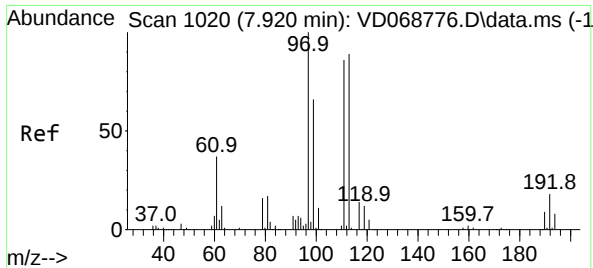


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 114 Resp: 494446
Ion Ratio Lower Upper
114 100
63 16.0 0.0 38.2
88 14.6 0.0 29.4

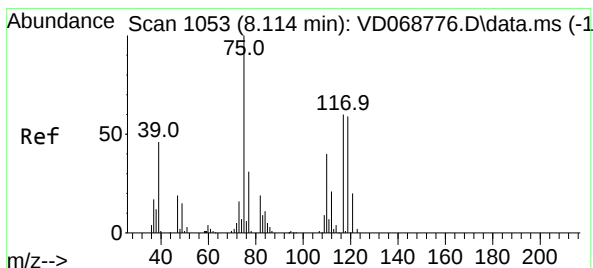
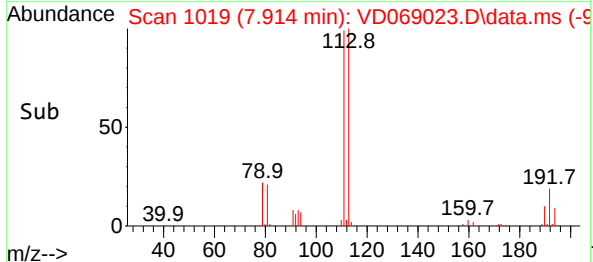
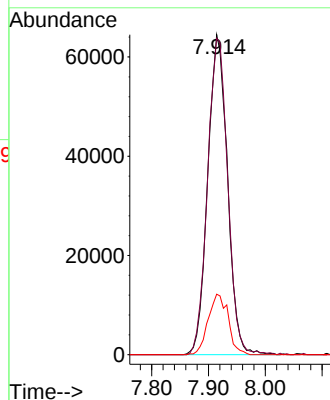
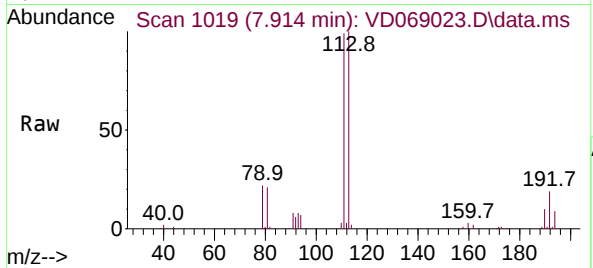




#35
Dibromofluoromethane
Concen: 48.27 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

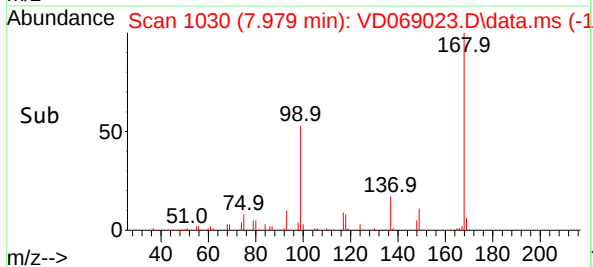
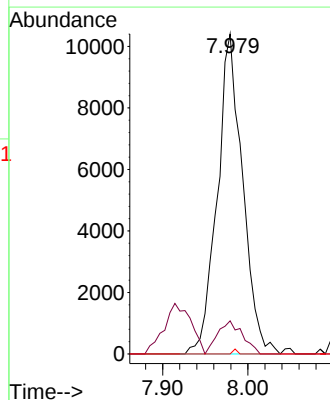
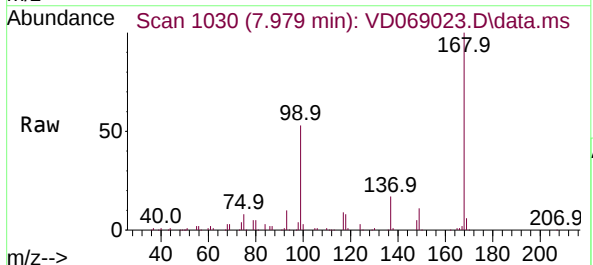
Instrument :
MSVOA_D
ClientSampleId :

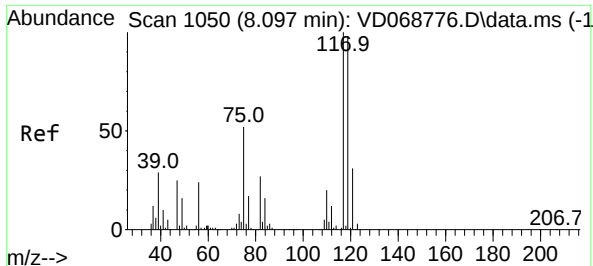
Tgt Ion:113 Resp: 155226
Ion Ratio Lower Upper
113 100
111 101.1 82.5 123.7
192 19.3 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.29 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.135 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 75 Resp: 21458
Ion Ratio Lower Upper
75 100
110 10.2 18.1 54.4#
77 0.3 24.7 37.1#

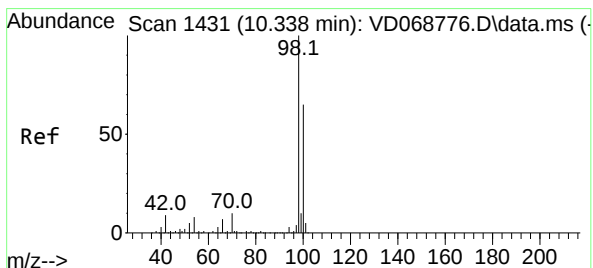
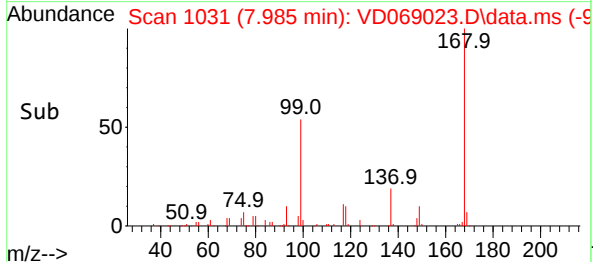
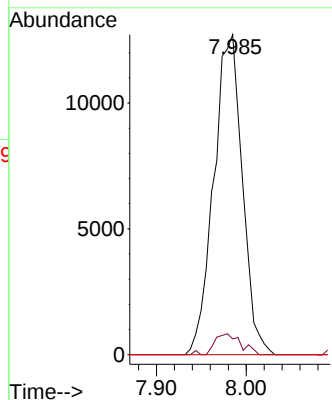
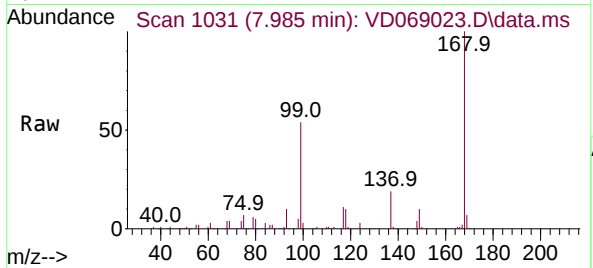




#38
Carbon Tetrachloride
Concen: 5.68 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. -0.112 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

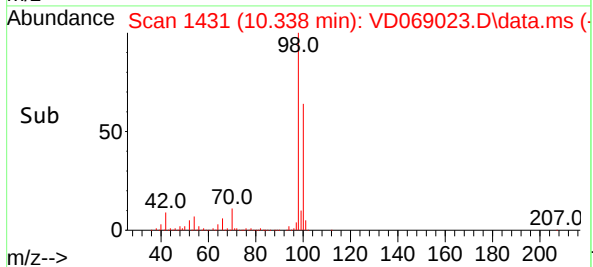
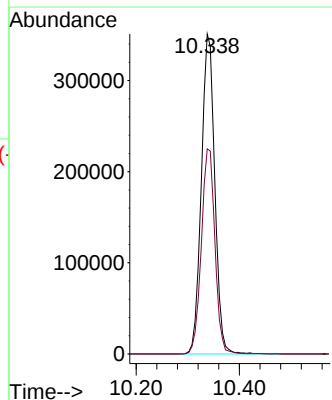
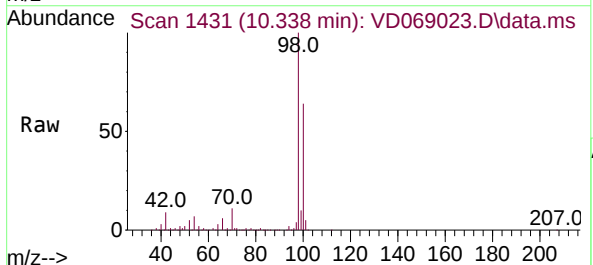
Instrument :
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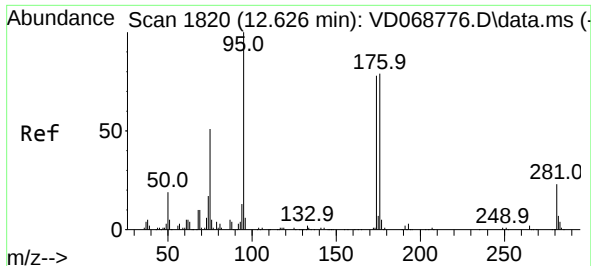
Tgt Ion:117 Resp: 28132
Ion Ratio Lower Upper
117 100
119 4.9 76.6 115.0#
121 0.0 26.1 39.1#



#50
Toluene-d8
Concen: 52.13 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 98 Resp: 632464
Ion Ratio Lower Upper
98 100
100 64.9 51.8 77.6

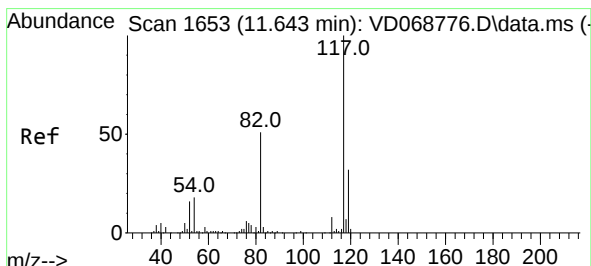
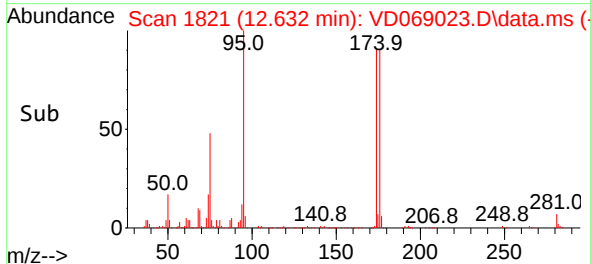
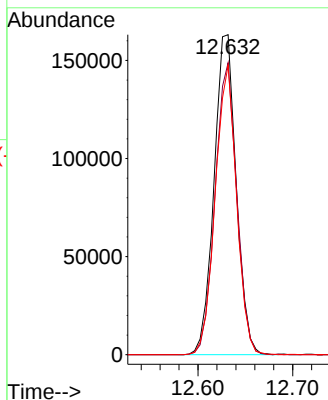
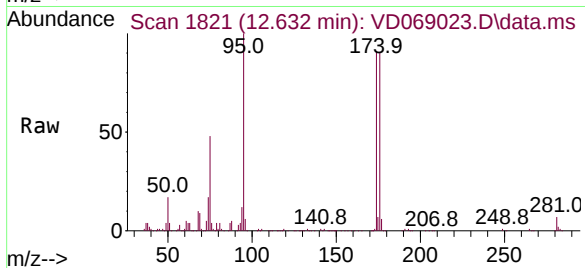




#62
4-Bromofluorobenzene
Concen: 65.89 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.006 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

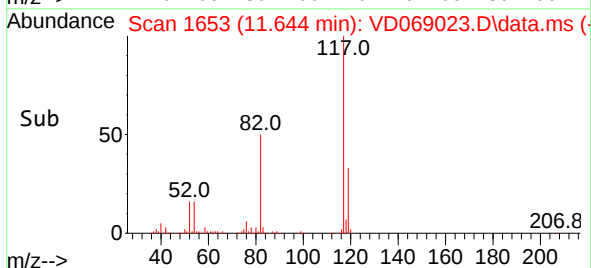
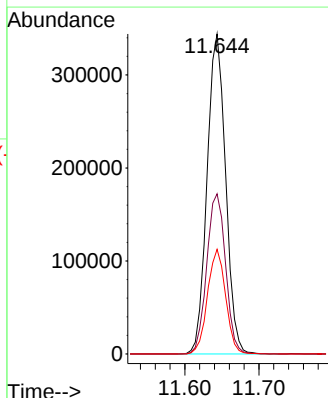
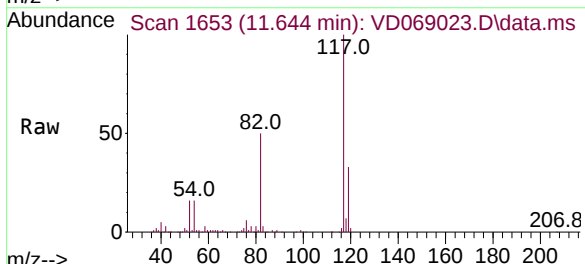
Instrument :
MSVOA_D
ClientSampled :

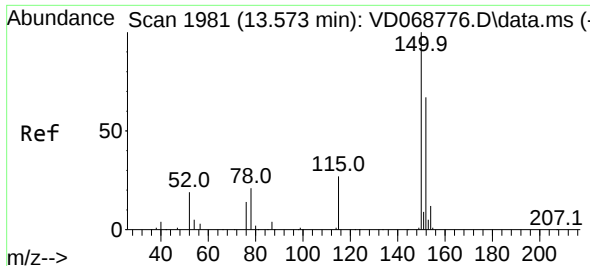
Tgt Ion: 95 Resp: 265515
Ion Ratio Lower Upper
95 100
174 89.0 0.0 168.0
176 86.9 0.0 160.2



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.001 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

Tgt Ion: 117 Resp: 597696
Ion Ratio Lower Upper
117 100
82 50.1 43.5 65.3
119 32.7 26.7 40.1

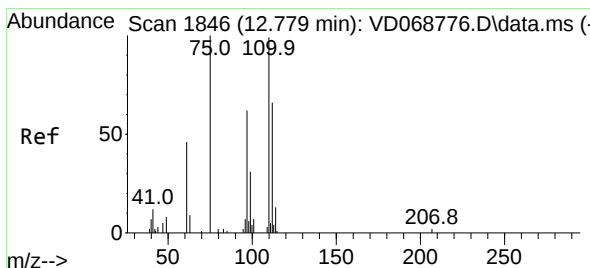
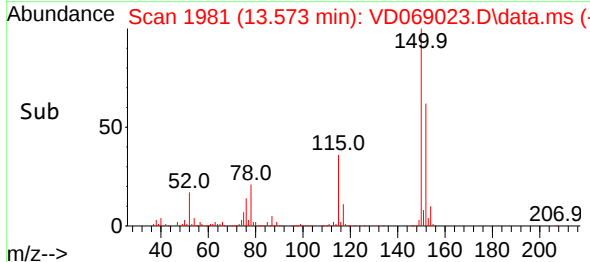
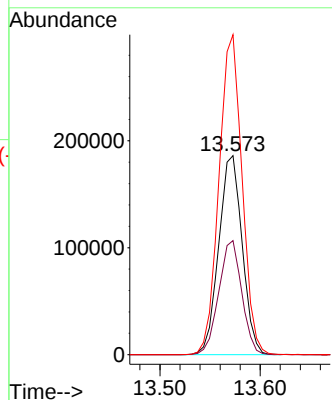
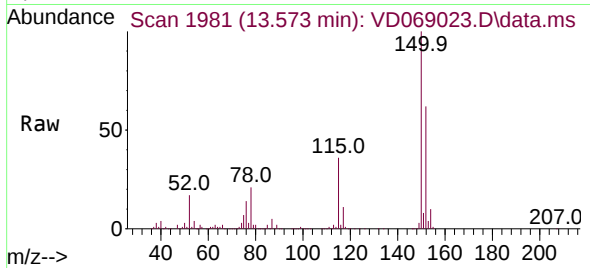




#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. -0.000 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

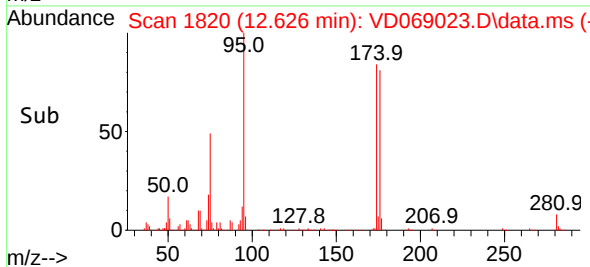
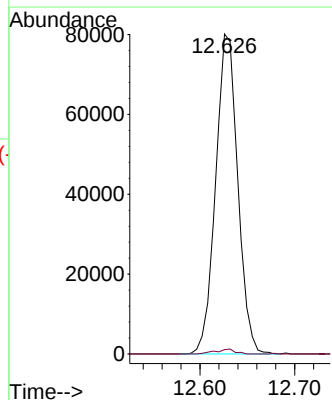
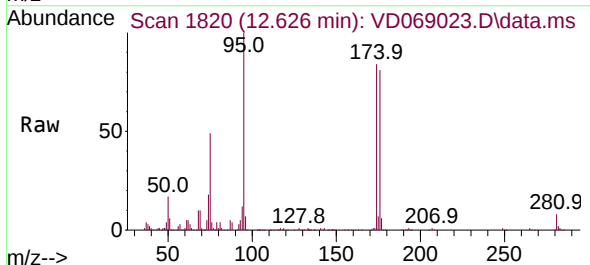
Instrument :
MSVOA_D
ClientSampleId :

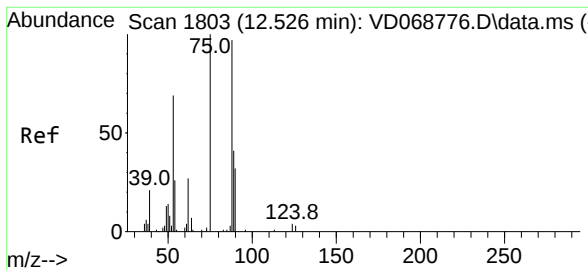
Tgt Ion:152 Resp: 302335
Ion Ratio Lower Upper
152 100
115 56.2 29.3 87.8
150 158.0 0.0 347.6



#76
1,2,3-Trichloropropane
Concen: 47.09 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.153 min
Lab File: VD069023.D
Acq: 29 Apr 2021 17:31

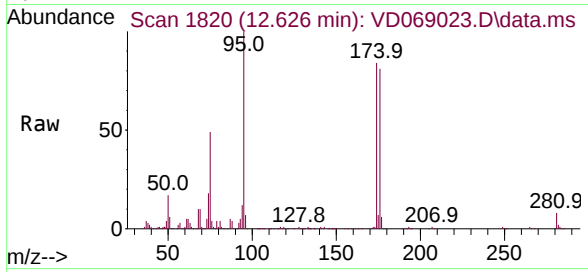
Tgt Ion: 75 Resp: 130073
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 109.29 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.100 min
 Lab File: VD069023.D
 Acq: 29 Apr 2021 17:31

Instrument :
 MSVOA_D
 ClientSampleId :



Tgt Ion: 75 Resp: 130073
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.8 100.2#
 89 0.0 36.6 54.8#

