

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
 Data File : VD076937.D
 Acq On : 07 Aug 2023 18:01
 Operator : KP/SY
 Sample : 03917-04
 Misc : 5.02G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05B

Quant Time: Aug 08 04:41:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jul 17 08:07:52 2023
 Response via : Initial Calibration

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

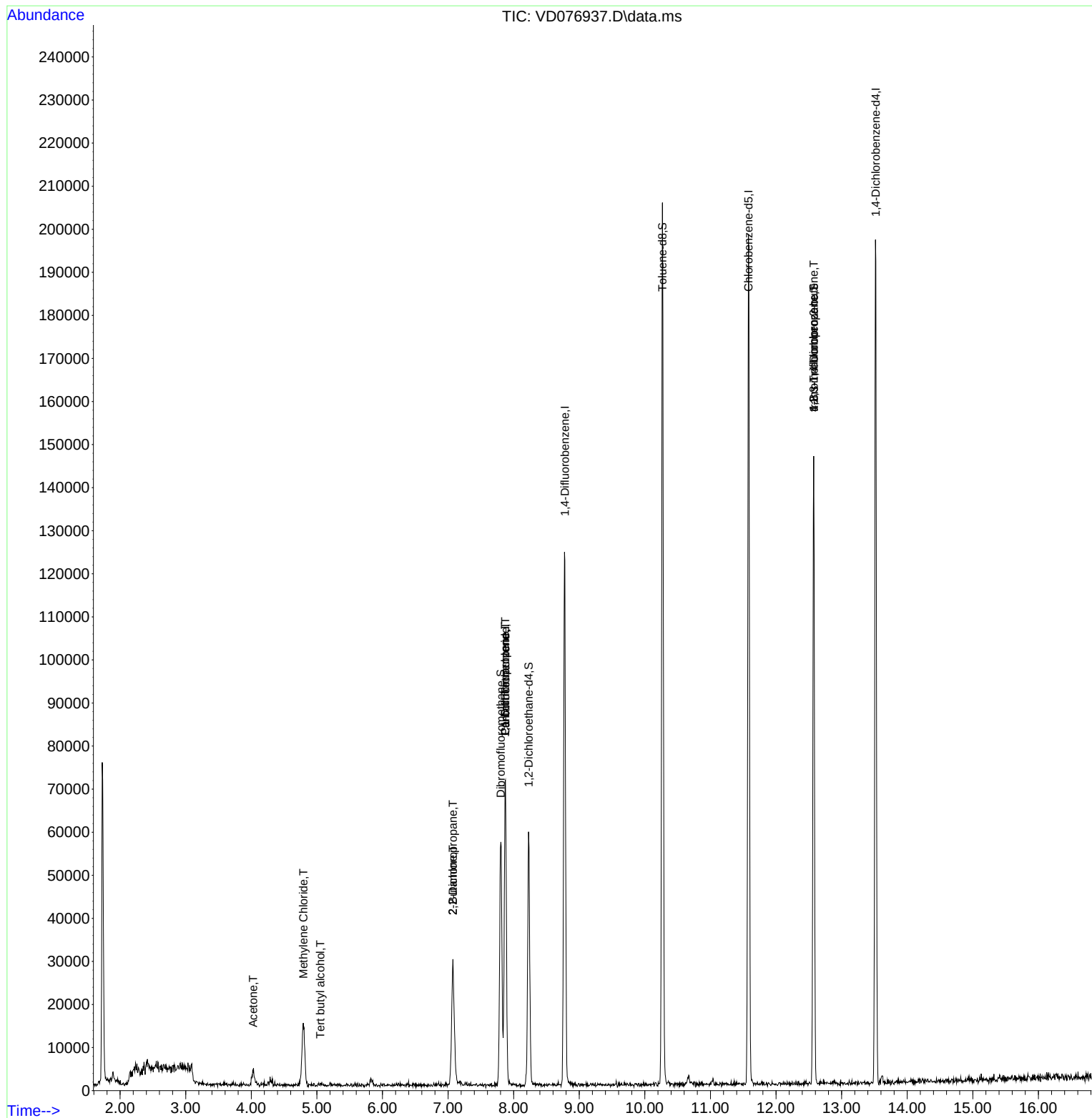
Internal Standards						
1) Pentafluorobenzene	7.875	168	54817	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	113264	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	118334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	53754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	42855	78.490	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 156.980%	
35) Dibromofluoromethane	7.804	113	43327	60.873	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 121.740%	
50) Toluene-d8	10.269	98	143356	56.301	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.600%	
62) 4-Bromofluorobenzene	12.575	95	44790	54.376	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 108.760%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.052	59	62	1.522	ug/l	# 73
16) Acetone	4.028	43	5699	43.706	ug/l	# 81
20) Methylene Chloride	4.793	84	11704	6.013	ug/l	# 89
25) 2-Butanone	7.075	43	1843	10.561	ug/l	# 84
26) 2,2-Dichloropropane	7.075	77	2060	2.103	ug/l	# 49
36) 1,1-Dichloropropene	7.869	75	4665	5.016	ug/l	# 43
38) Carbon Tetrachloride	7.875	117	5868	6.589	ug/l	# 11
76) 1,2,3-Trichloropropane	12.575	75	23622	46.209	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.575	75	23622	98.346	ug/l	# 17

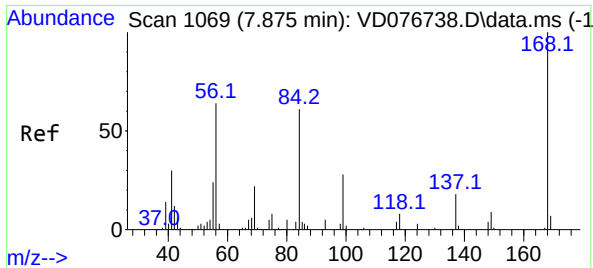
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080723\
Data File : VD076937.D
Acq On : 07 Aug 2023 18:01
Operator : KP/SY
Sample : 03917-04
Misc : 5.02G/5.0ml/MSVOA_D/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

Quant Time: Aug 08 04:41:01 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071423S.M
Quant Title : SW846 8260
QLast Update : Mon Jul 17 08:07:52 2023
Response via : Initial Calibration

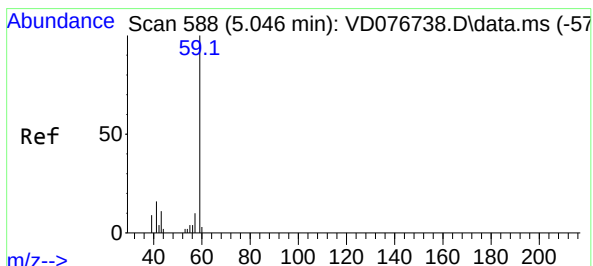
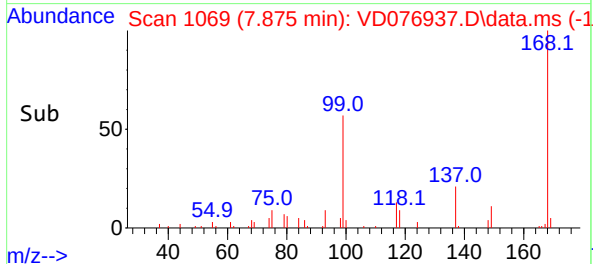
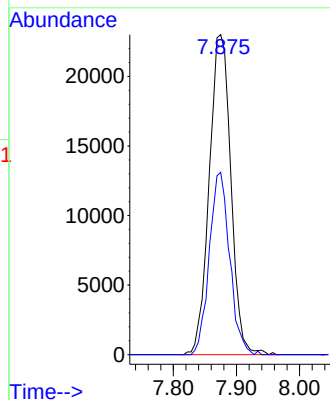
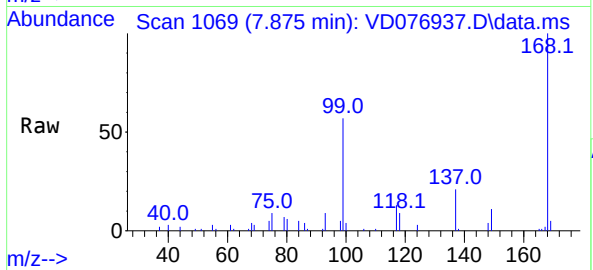




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

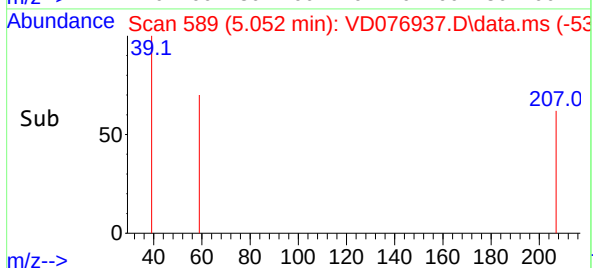
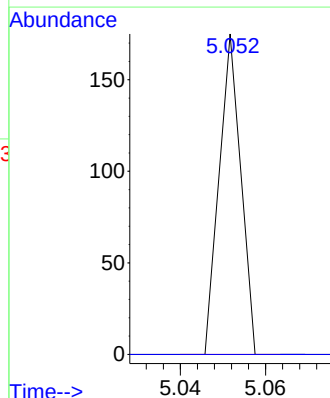
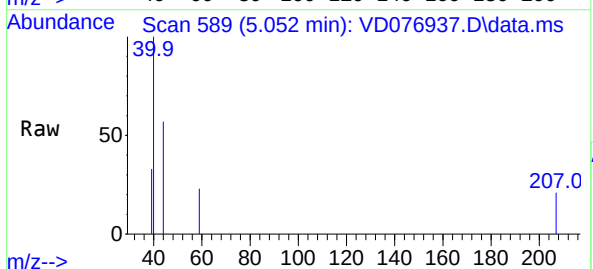
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

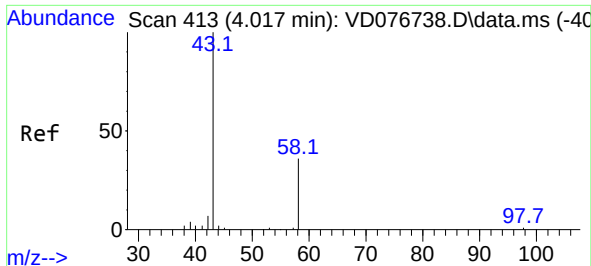
Tgt Ion:168 Resp: 54817
Ion Ratio Lower Upper
168 100
99 57.0 36.7 55.1#



#11
Tert butyl alcohol
Concen: 1.522 ug/l
RT: 5.052 min Scan# 589
Delta R.T. 0.006 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 59 Resp: 62
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.8#

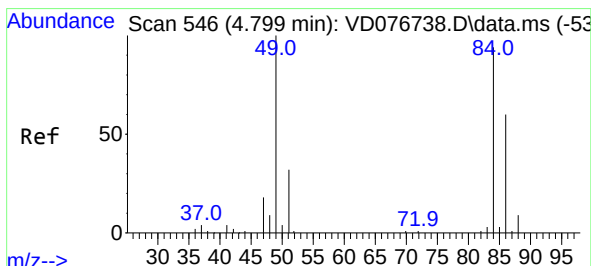
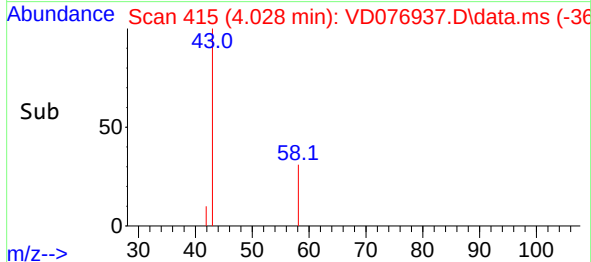
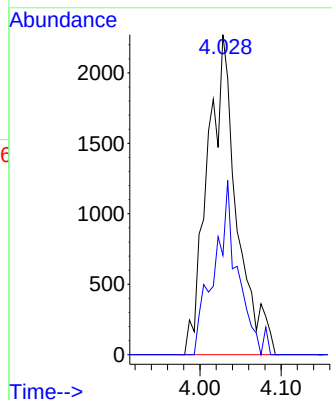
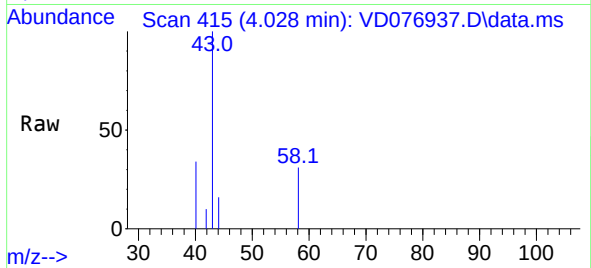




#16
Acetone
Concen: 43.706 ug/l
RT: 4.028 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

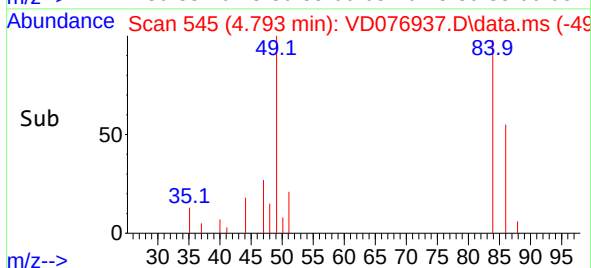
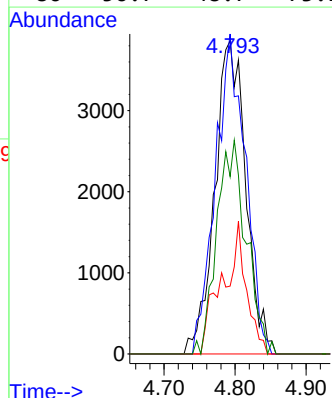
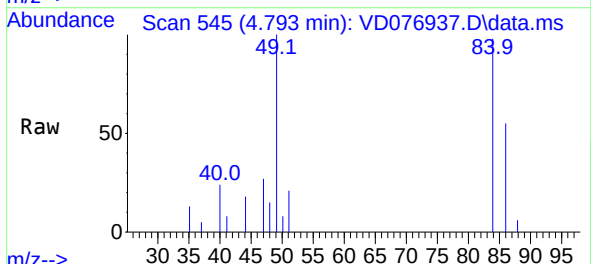
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

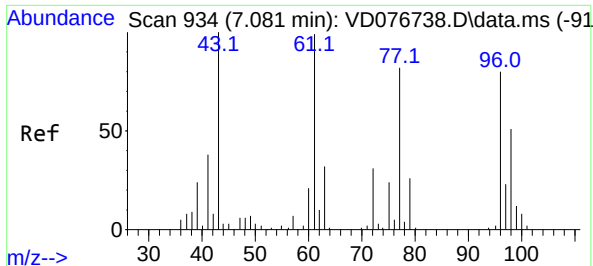
Tgt Ion: 43 Resp: 5699
Ion Ratio Lower Upper
43 100
58 31.0 34.7 52.1#



#20
Methylene Chloride
Concen: 6.013 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 84 Resp: 11704
Ion Ratio Lower Upper
84 100
49 102.2 71.4 107.2
51 21.7 24.5 36.7#
86 56.7 48.7 73.1

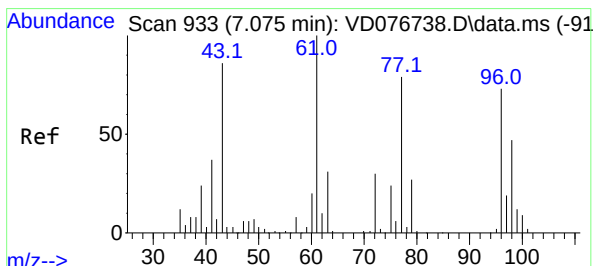
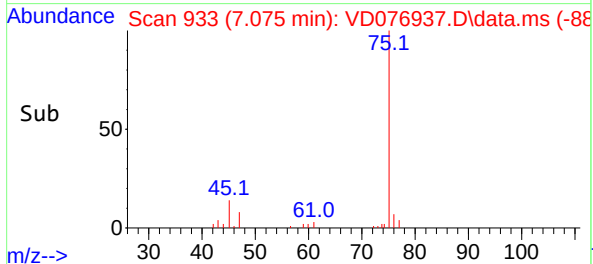
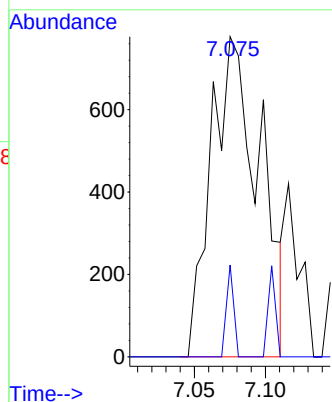
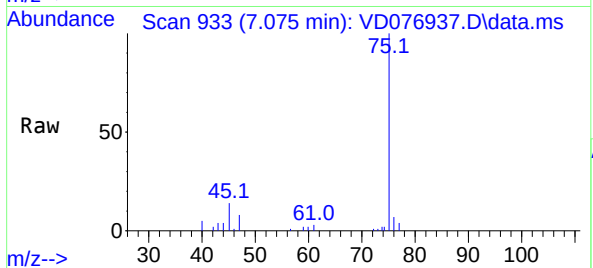




#25
2-Butanone
Concen: 10.561 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

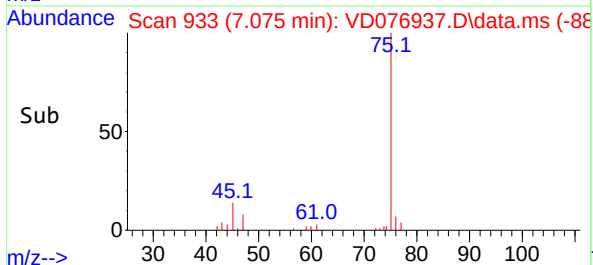
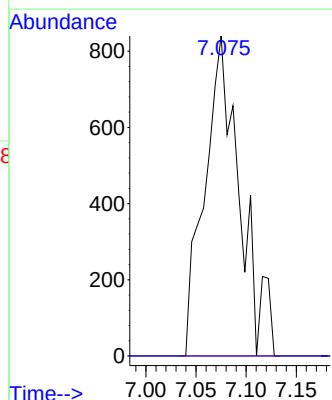
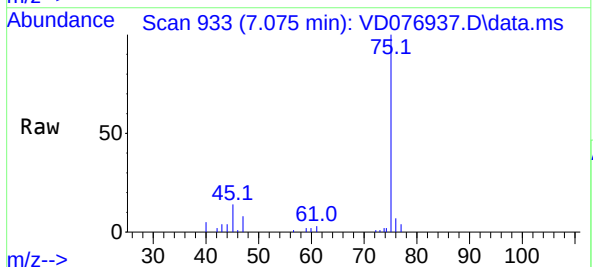
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

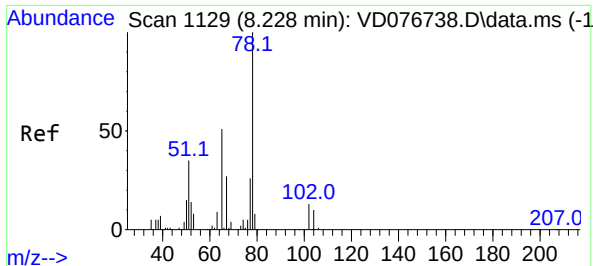
Tgt Ion: 43 Resp: 1843
Ion Ratio Lower Upper
43 100
72 28.7 30.7 46.1#



#26
2,2-Dichloropropane
Concen: 2.103 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 77 Resp: 2060
Ion Ratio Lower Upper
77 100
97 0.0 13.2 39.6#





#33

1,2-Dichloroethane-d4

Concen: 78.490 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD076937.D

Acq: 07 Aug 2023 18:01

Instrument :

MSVOA_D

ClientSampleId :

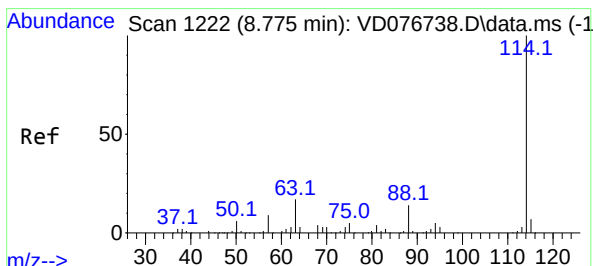
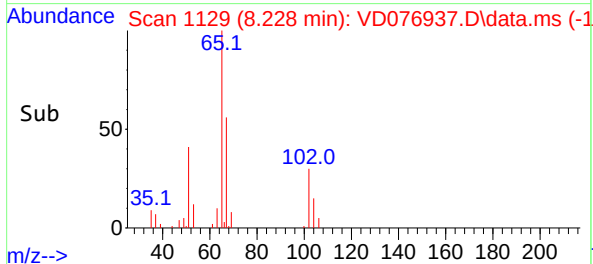
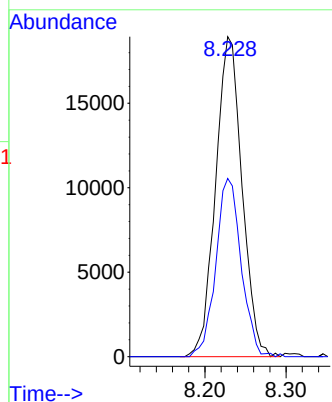
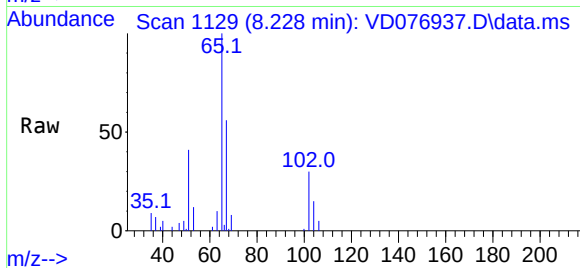
B-PP05B

Tgt Ion: 65 Resp: 42855

Ion Ratio Lower Upper

65 100

67 53.5 0.0 115.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.006 min

Lab File: VD076937.D

Acq: 07 Aug 2023 18:01

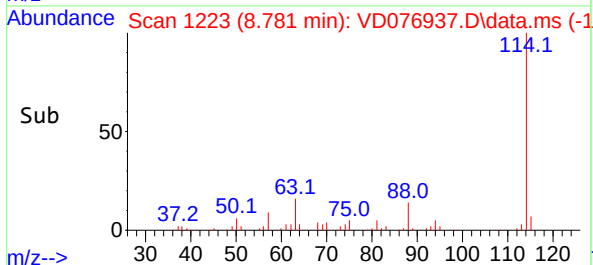
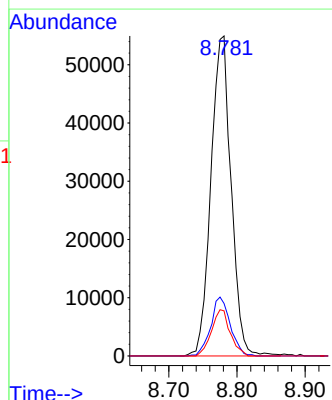
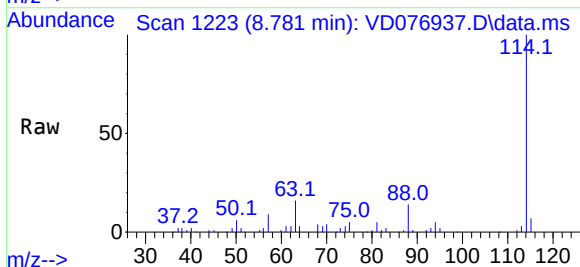
Tgt Ion: 114 Resp: 113264

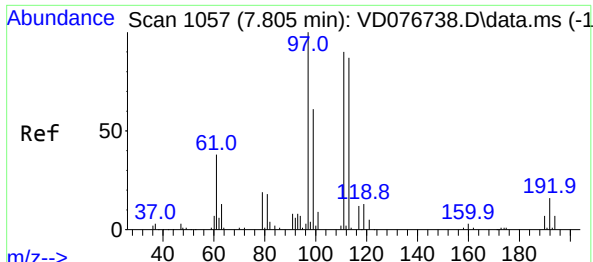
Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 14.1 0.0 26.2

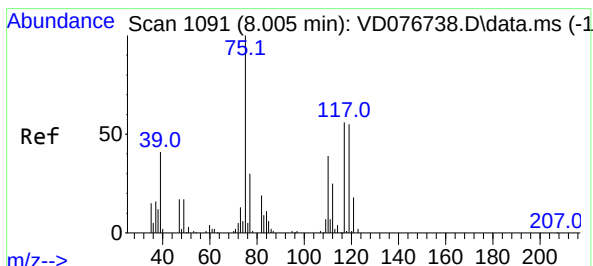
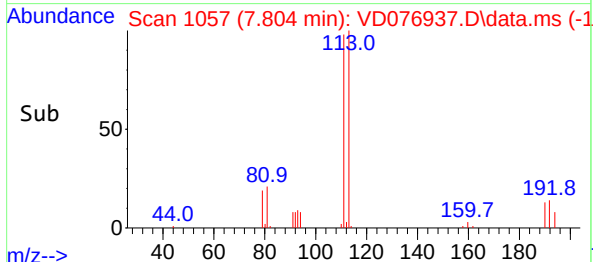
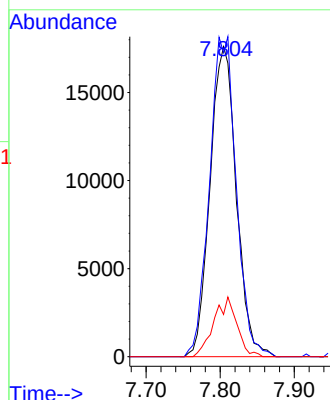
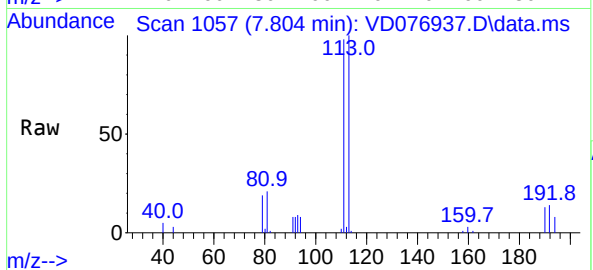




#35
Dibromofluoromethane
Concen: 60.873 ug/l
RT: 7.804 min Scan# 1067
Delta R.T. -0.001 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

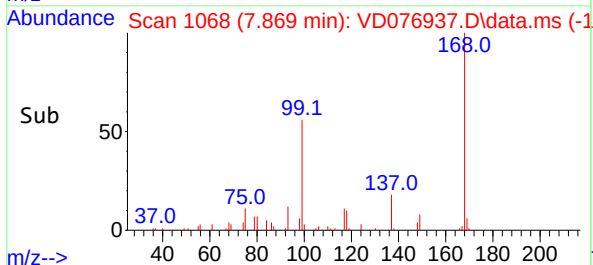
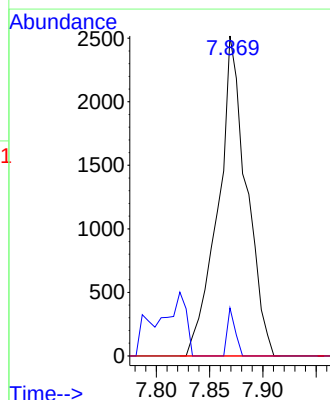
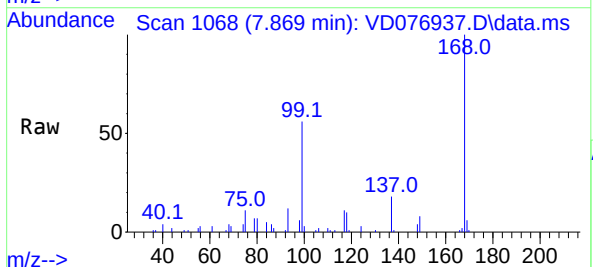
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

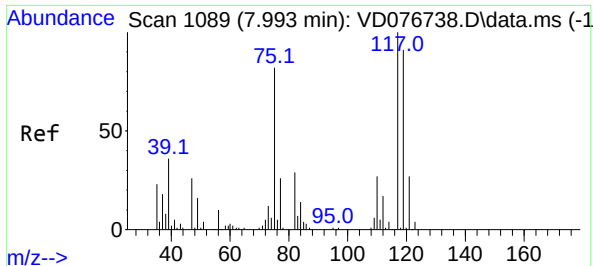
Tgt Ion:	113	Resp:	43327
Ion	Ratio	Lower	Upper
113	100		
111	105.2	84.7	127.1
192	16.9	16.8	25.2



#36
1,1-Dichloropropene
Concen: 5.016 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.136 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

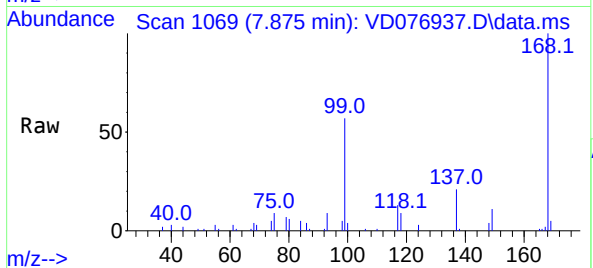
Tgt Ion:	75	Resp:	4665
Ion	Ratio	Lower	Upper
75	100		
110	4.1	19.9	59.6#
77	0.0	24.7	37.1#



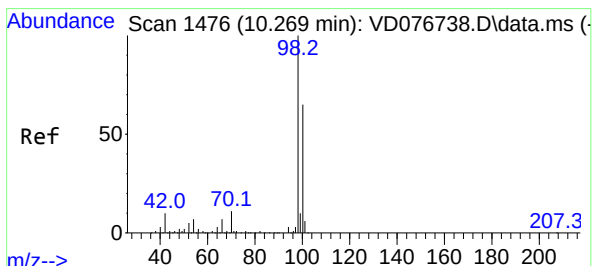
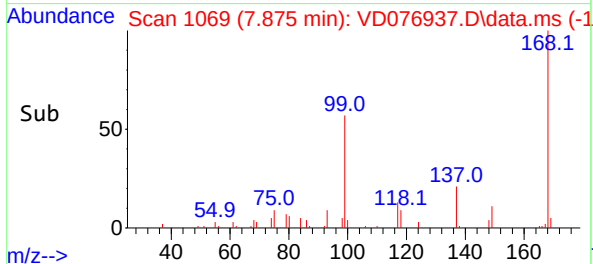
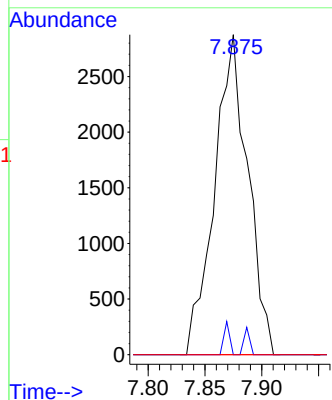


#38
Carbon Tetrachloride
Concen: 6.589 ug/l
RT: 7.875 min Scan# 1089
Delta R.T. -0.118 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

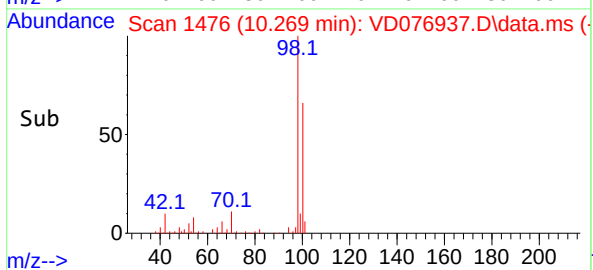
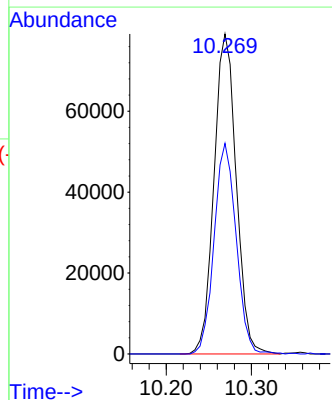
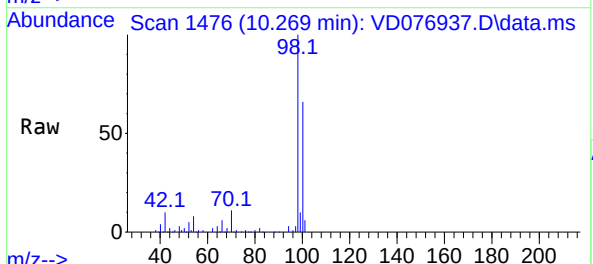


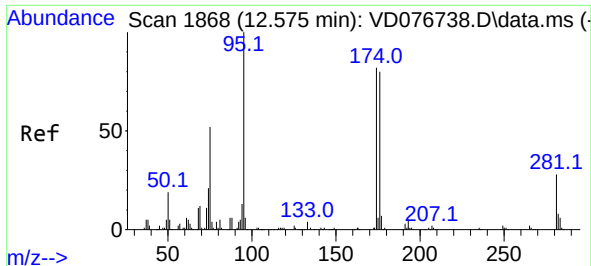
Tgt Ion:117 Resp: 5868
Ion Ratio Lower Upper
117 100
119 0.0 78.0 117.0#
121 0.0 24.2 36.2#



#50
Toluene-d8
Concen: 56.301 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 98 Resp: 143356
Ion Ratio Lower Upper
98 100
100 65.2 50.3 75.5

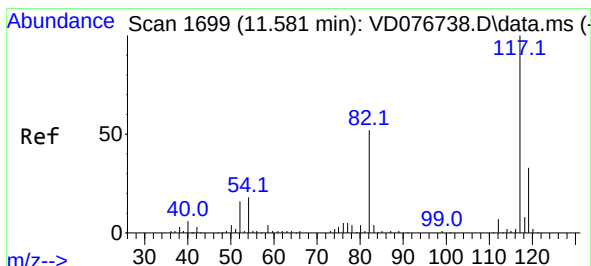
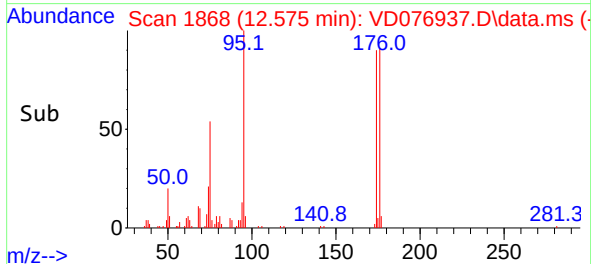
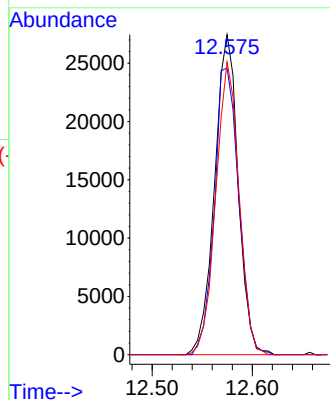
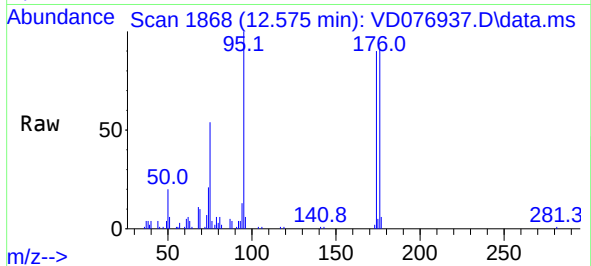




#62
4-Bromofluorobenzene
Concen: 54.376 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

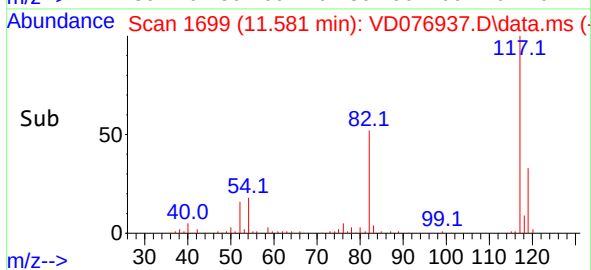
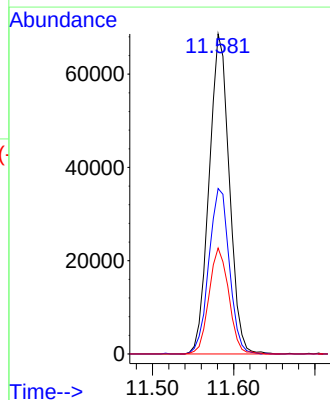
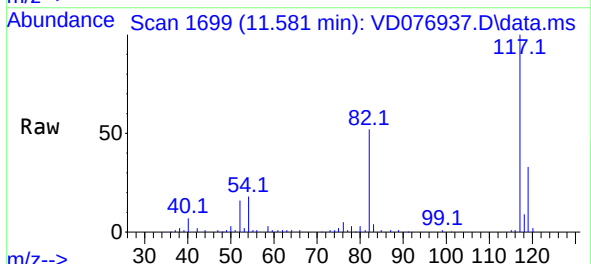
Instrument :
MSVOA_D
ClientSampleId :
B-PP05B

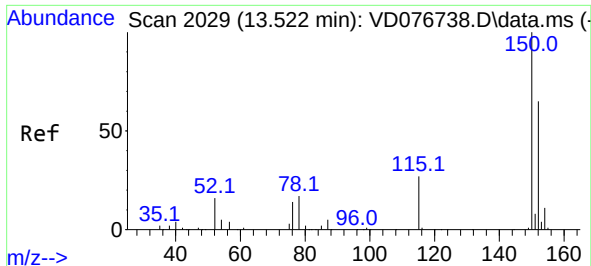
Tgt Ion: 95 Resp: 44790
Ion Ratio Lower Upper
95 100
174 92.4 0.0 201.8
176 89.9 0.0 191.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD076937.D
Acq: 07 Aug 2023 18:01

Tgt Ion: 117 Resp: 118334
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 33.1 25.0 37.4

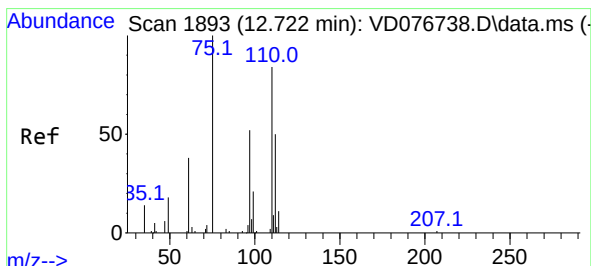
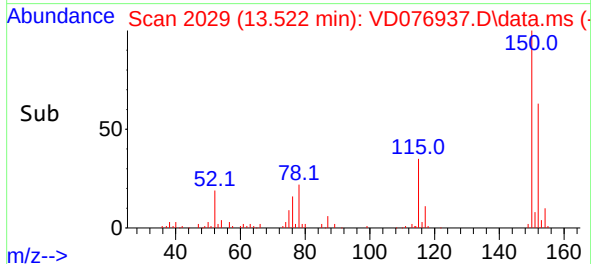
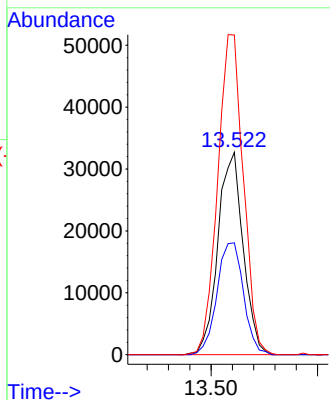
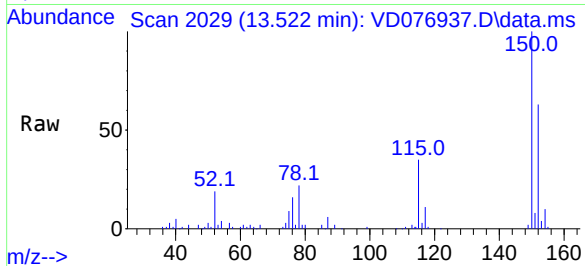




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.522 min Scan# 2029
 Delta R.T. -0.000 min
 Lab File: VD076937.D
 Acq: 07 Aug 2023 18:01

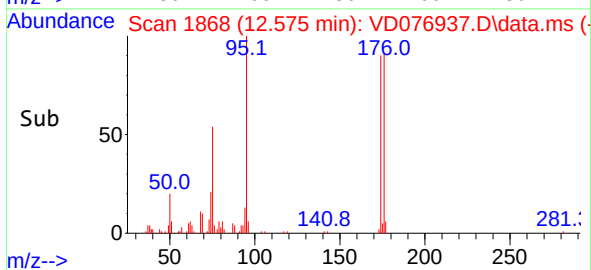
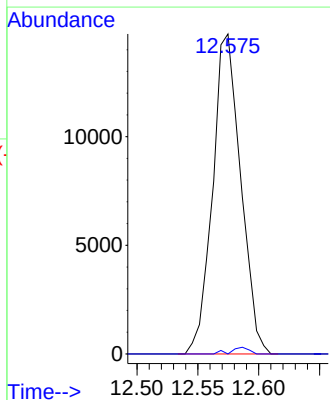
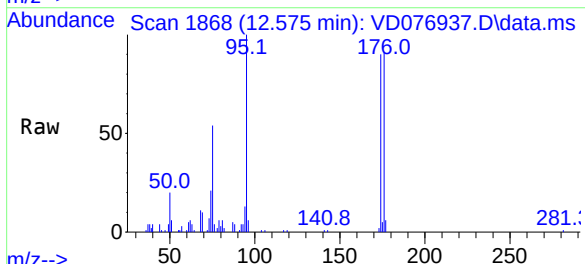
Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05B

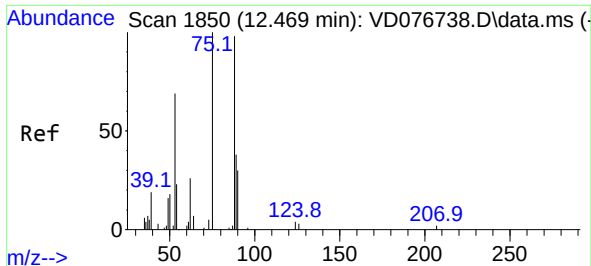
Tgt Ion:152 Resp: 53754
 Ion Ratio Lower Upper
 152 100
 115 58.1 27.1 81.3
 150 160.9 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 46.209 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD076937.D
 Acq: 07 Aug 2023 18:01

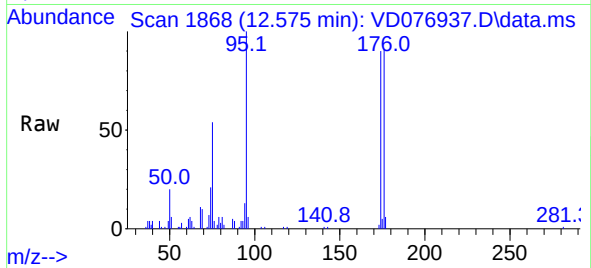
Tgt Ion: 75 Resp: 23622
 Ion Ratio Lower Upper
 75 100
 77 1.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 98.346 ug/l
 RT: 12.575 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD076937.D
 Acq: 07 Aug 2023 18:01

Instrument :
 MSVOA_D
 ClientSampleId :
 B-PP05B



Tgt Ion: 75 Resp: 23622

Ion	Ratio	Lower	Upper
75	100		
53	0.0	63.0	94.4#
89	0.0	37.9	56.9#

