

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062323\
 Data File : VD076560.D
 Acq On : 23 Jun 2023 16:03
 Operator : KP/SY
 Sample : 03365-13RE
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP4RE

Quant Time: Jun 23 16:34:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 19 04:51:45 2023
 Response via : Initial Calibration

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

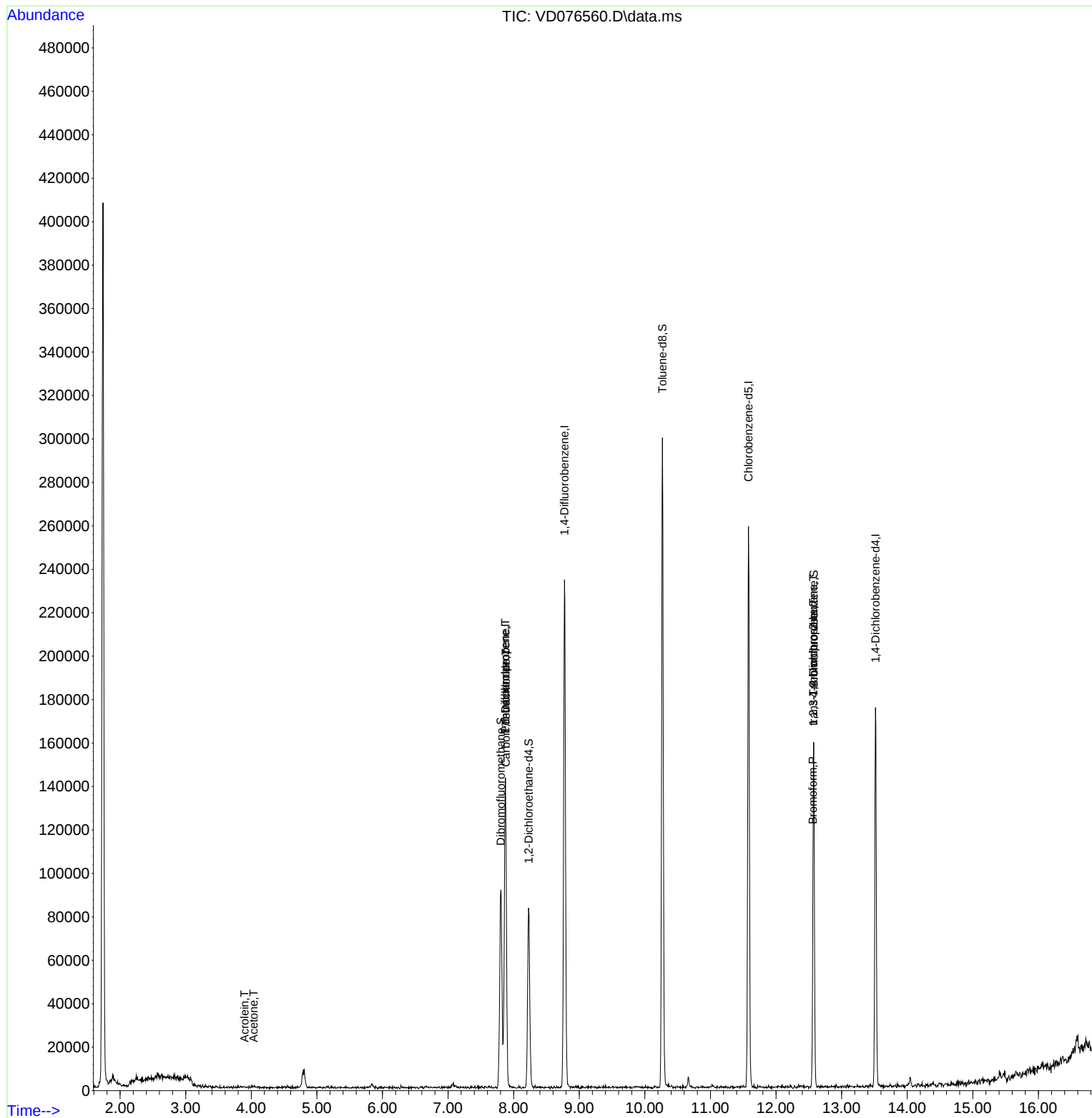
Internal Standards						
1) Pentafluorobenzene	7.875	168	109655	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.775	114	202208	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	143351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44089	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	62834	57.192	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 114.380%	
35) Dibromofluoromethane	7.804	113	64324	53.547	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.100%	
50) Toluene-d8	10.269	98	200435	43.996	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 88.000%	
62) 4-Bromofluorobenzene	12.575	95	47371	32.039	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 64.080%	
Target Compounds						Qvalue
13) Acrolein	3.899	56	104	1.018	ug/l	# 15
16) Acetone	4.034	43	1252	4.789	ug/l	# 32
20) Methylene Chloride	4.793	84	5896	Below Cal	#	92
28) Bromochloromethane	7.222	49	71	Below Cal	#	1
36) 1,1-Dichloropropene	7.875	75	8153	4.847	ug/l	# 48
38) Carbon Tetrachloride	7.881	117	10733	7.138	ug/l	# 14
71) Bromoform	12.563	173	603	1.031	ug/l	# 28
76) 1,2,3-Trichloropropane	12.569	75	24776	56.622	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.569	75	24776	124.071	ug/l	# 17

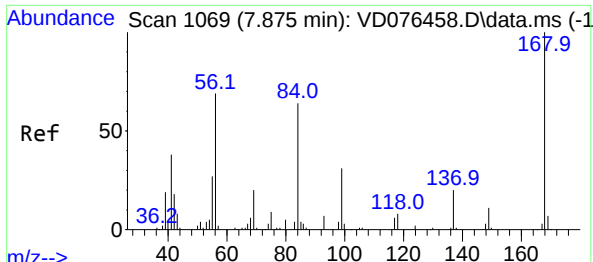
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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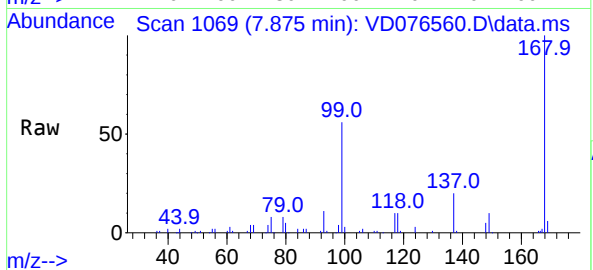
Quant Time: Jun 23 16:34:04 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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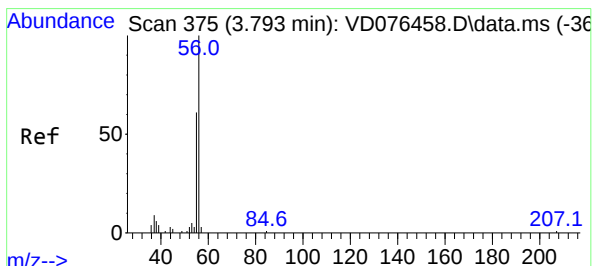
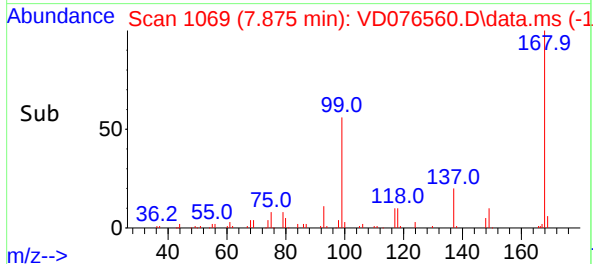
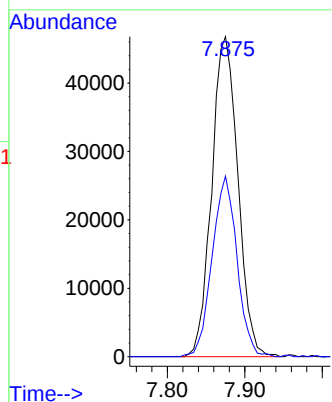


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
TP4RE

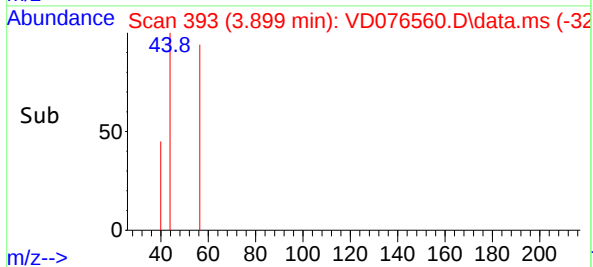
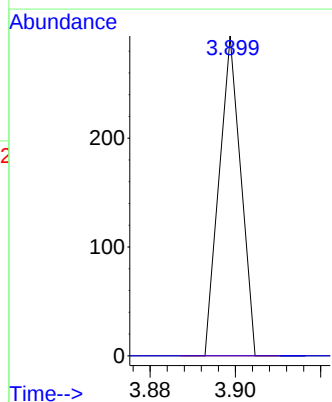
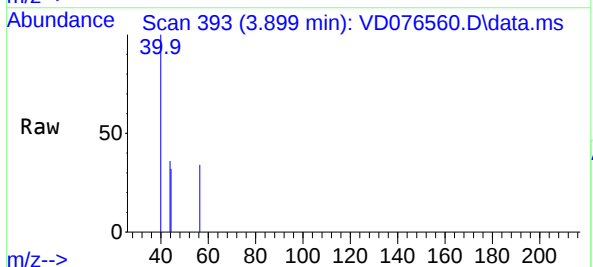


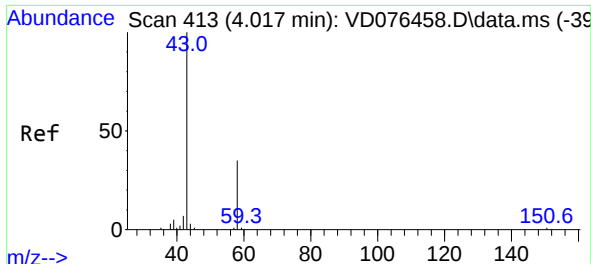
Tgt Ion:168 Resp: 109655
Ion Ratio Lower Upper
168 100
99 56.4 36.7 55.1#



#13
Acrolein
Concen: 1.018 ug/l
RT: 3.899 min Scan# 393
Delta R.T. 0.106 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion: 56 Resp: 104
Ion Ratio Lower Upper
56 100
55 0.0 55.1 82.7#

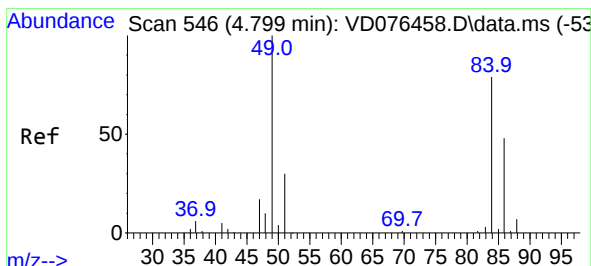
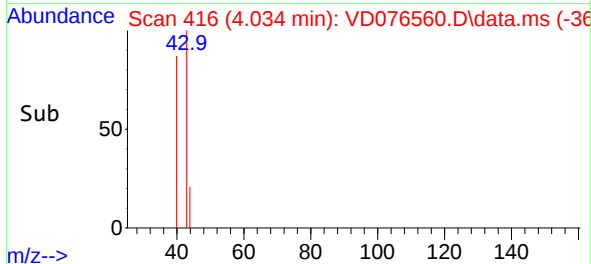
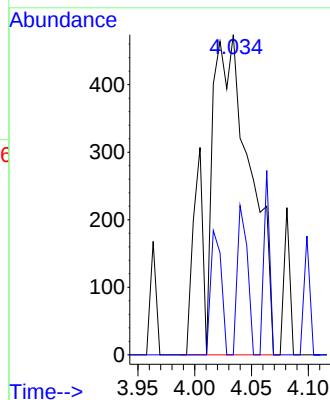
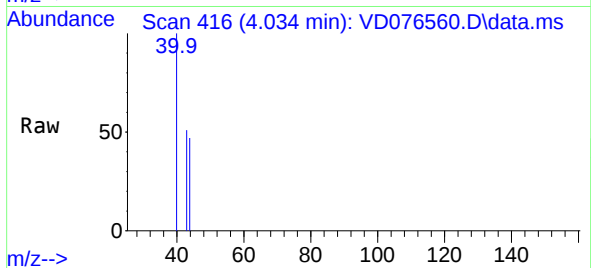




#16
Acetone
Concen: 4.789 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.018 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

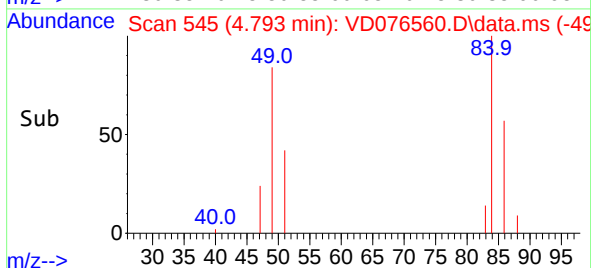
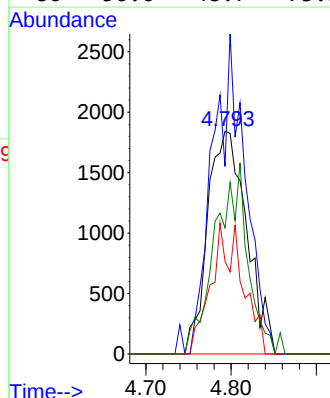
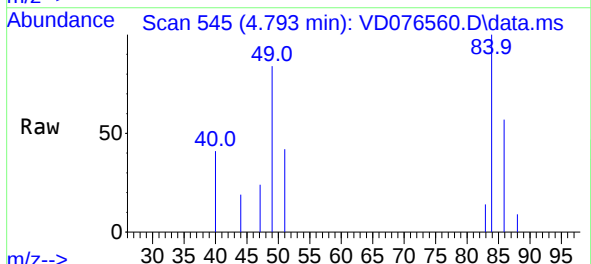
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

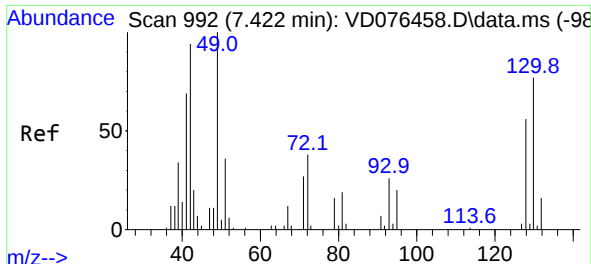
Tgt Ion: 43 Resp: 1252
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion: 84 Resp: 5896
Ion Ratio Lower Upper
84 100
49 84.2 71.4 107.2
51 41.6 24.5 36.7#
86 56.6 48.7 73.1

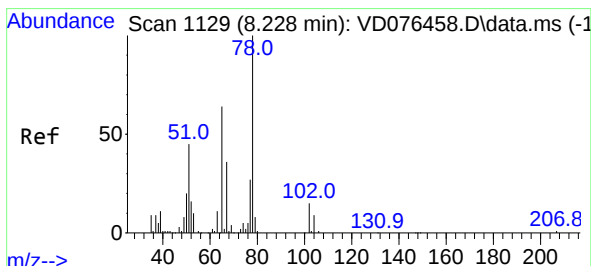
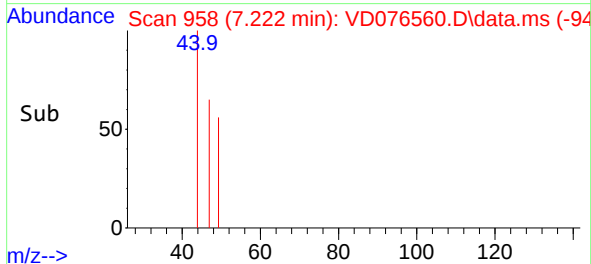
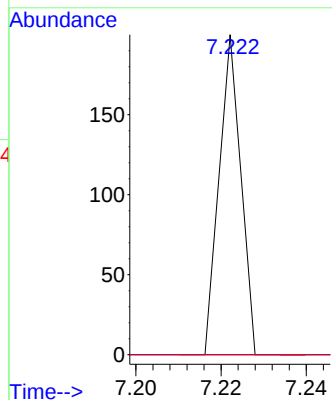
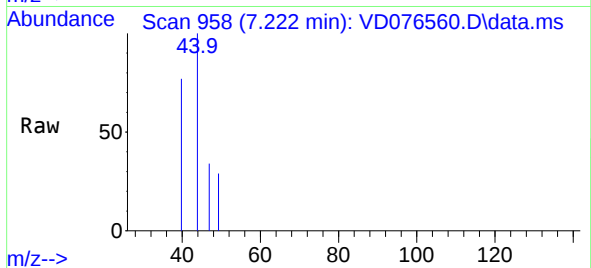




#28
Bromochloromethane
Concen: Below Cal
RT: 7.222 min Scan# 91
Delta R.T. -0.200 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

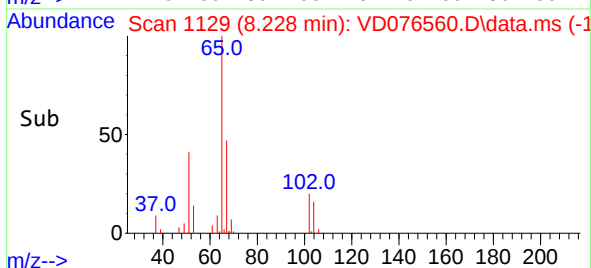
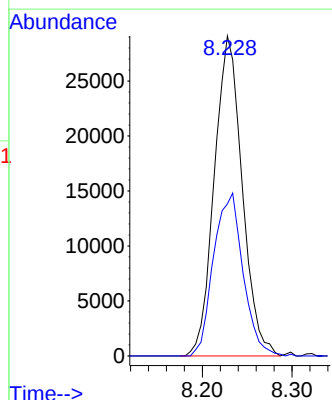
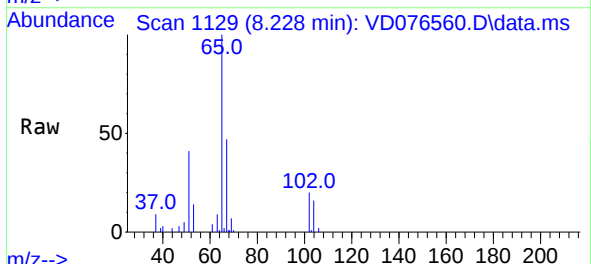
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

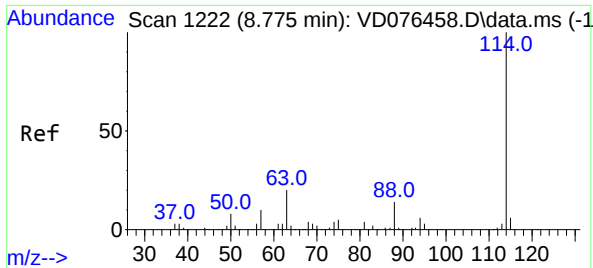
Tgt Ion: 49 Resp: 71
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 57.192 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion: 65 Resp: 62834
Ion Ratio Lower Upper
65 100
67 53.7 0.0 115.0

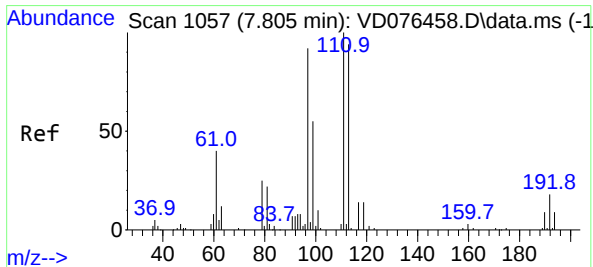
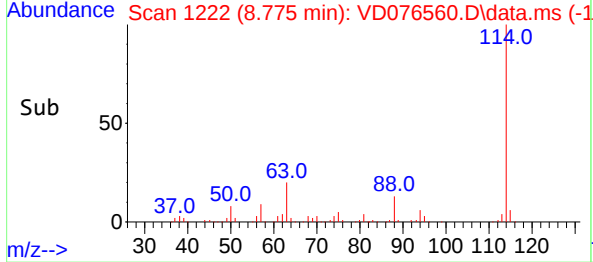
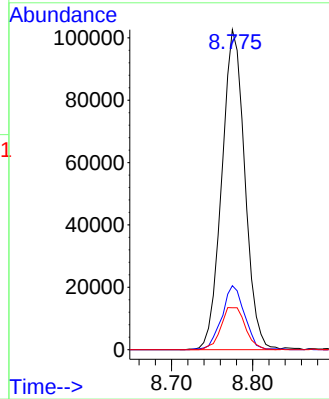
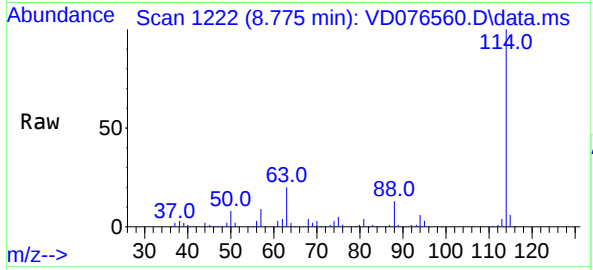




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

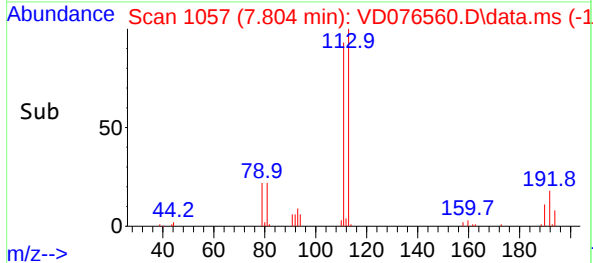
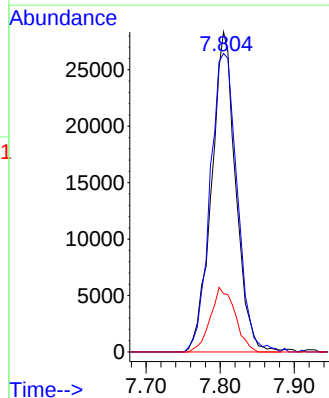
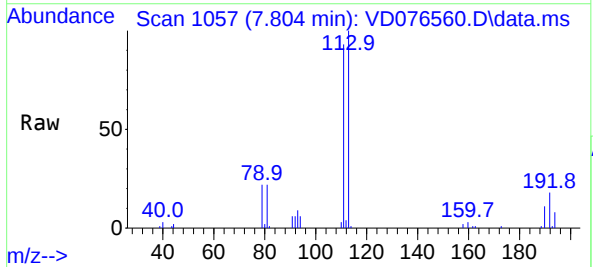
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

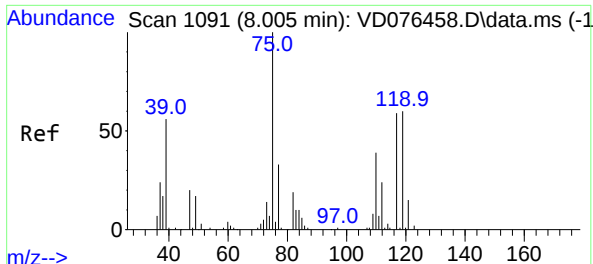
Tgt Ion:114 Resp: 202208
Ion Ratio Lower Upper
114 100
63 20.0 0.0 33.4
88 13.1 0.0 26.2



#35
Dibromofluoromethane
Concen: 53.547 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion:113 Resp: 64324
Ion Ratio Lower Upper
113 100
111 104.1 84.7 127.1
192 20.5 16.8 25.2





#36

1,1-Dichloropropene

Concen: 4.847 ug/l

RT: 7.875 min Scan# 10

Delta R.T. -0.130 min

Lab File: VD076560.D

Acq: 23 Jun 2023 16:03

Instrument :

MSVOA_D

ClientSampleId :

TP4RE

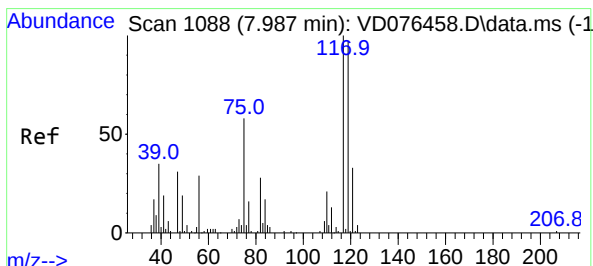
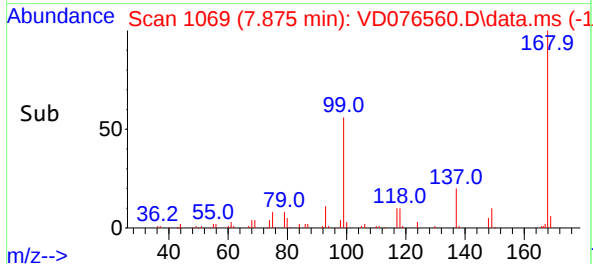
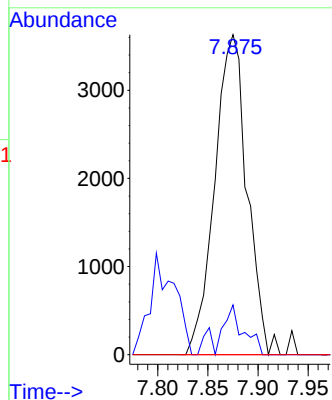
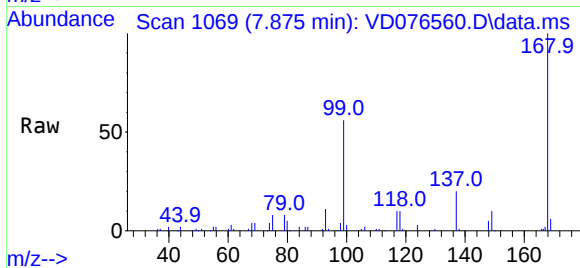
Tgt Ion: 75 Resp: 8153

Ion Ratio Lower Upper

75 100

110 9.3 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.138 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. -0.106 min

Lab File: VD076560.D

Acq: 23 Jun 2023 16:03

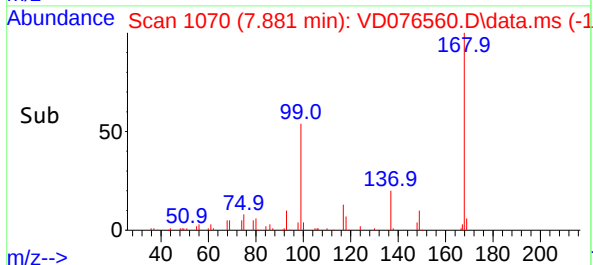
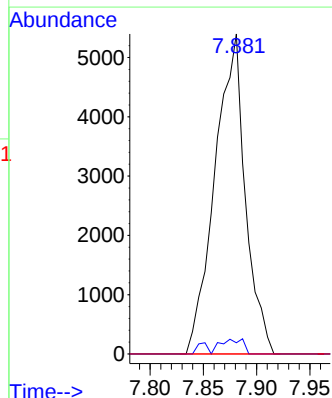
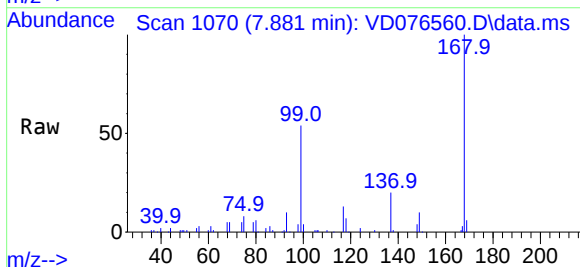
Tgt Ion: 117 Resp: 10733

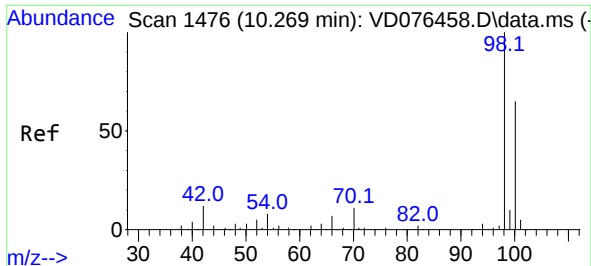
Ion Ratio Lower Upper

117 100

119 3.5 78.0 117.0#

121 0.0 24.2 36.2#

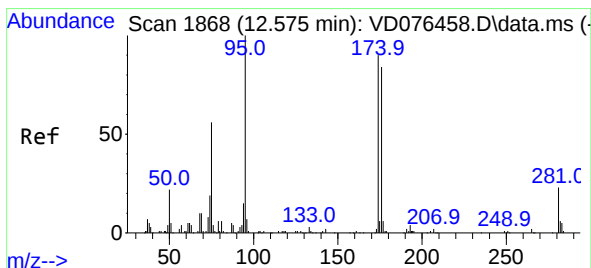
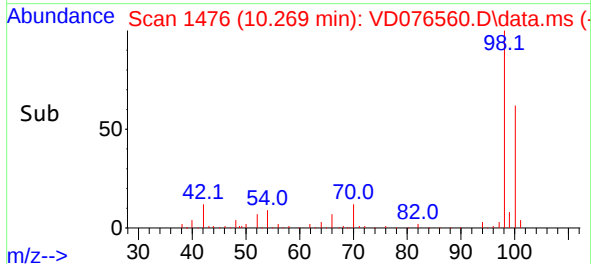
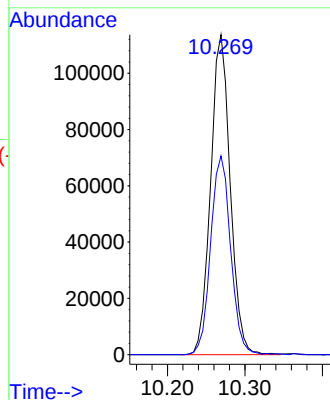
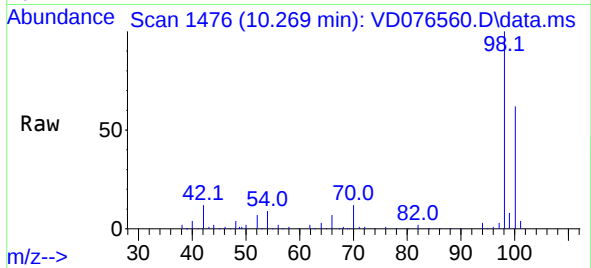




#50
Toluene-d8
Concen: 43.996 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

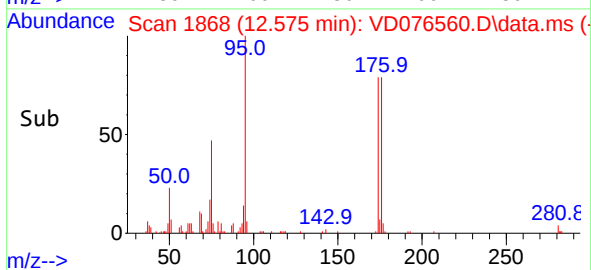
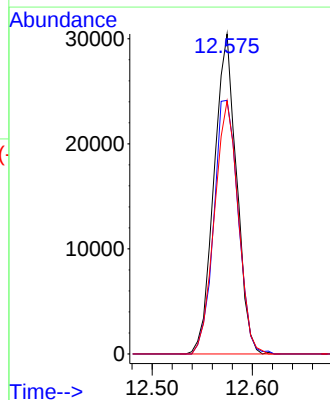
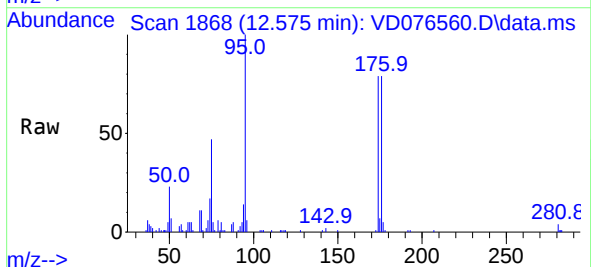
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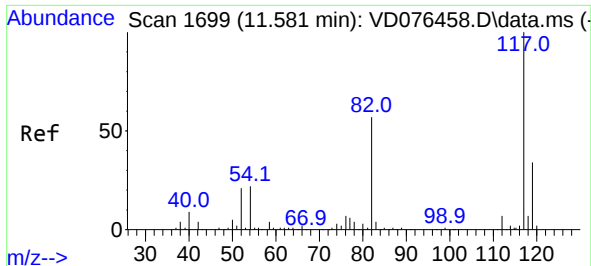
Tgt Ion: 98 Resp: 200435
Ion Ratio Lower Upper
98 100
100 63.3 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 32.039 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion: 95 Resp: 47371
Ion Ratio Lower Upper
95 100
174 85.6 0.0 201.8
176 83.2 0.0 191.8

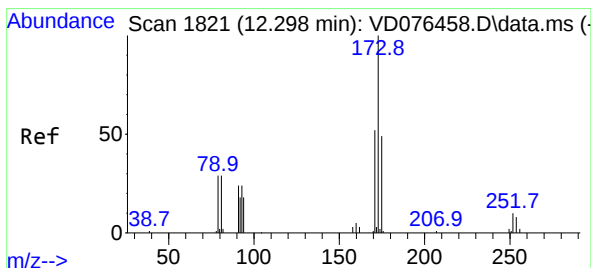
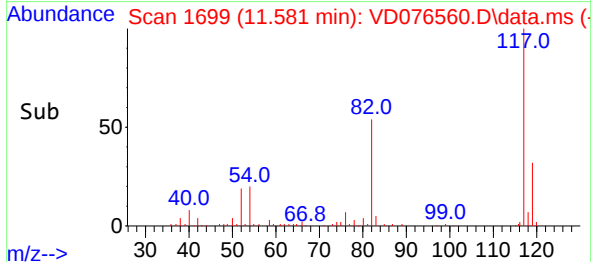
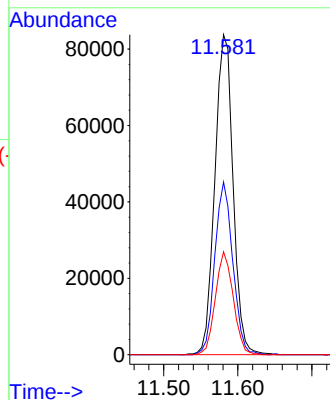
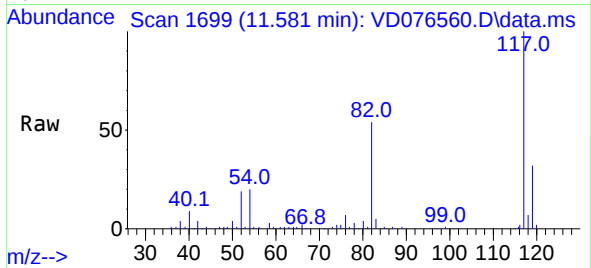




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

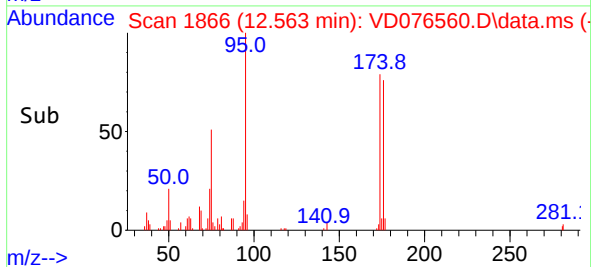
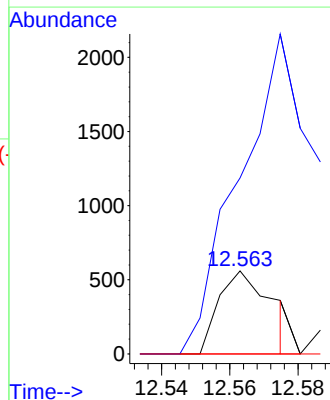
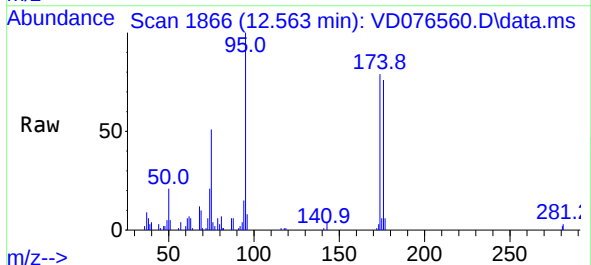
Instrument :
MSVOA_D
ClientSampleId :
TP4RE

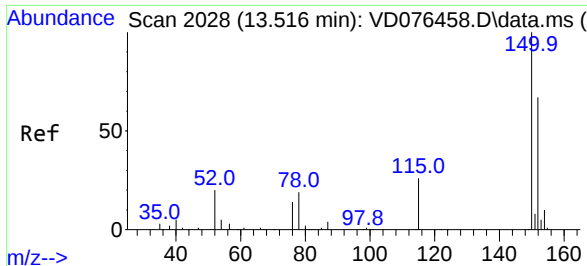
Tgt Ion:117 Resp: 143351
Ion Ratio Lower Upper
117 100
82 54.0 38.3 57.5
119 32.1 25.0 37.4



#71
Bromoform
Concen: 1.031 ug/l
RT: 12.563 min Scan# 1866
Delta R.T. 0.265 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Tgt Ion:173 Resp: 603
Ion Ratio Lower Upper
173 100
175 0.0 24.6 73.8#
254 0.0 0.0 0.0

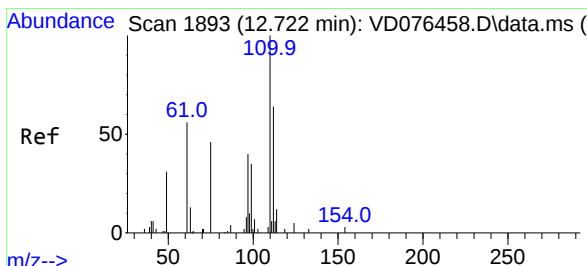
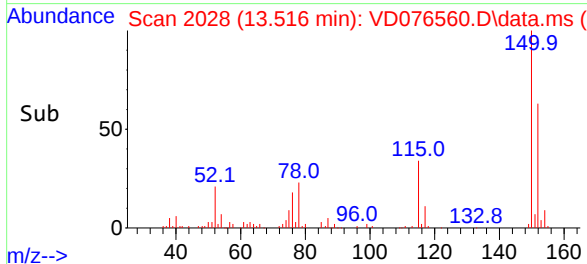
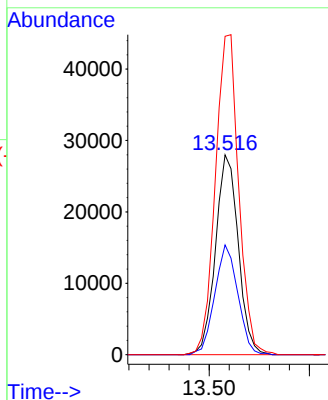
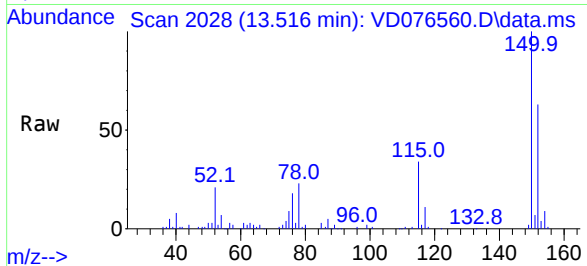




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD076560.D
 Acq: 23 Jun 2023 16:03

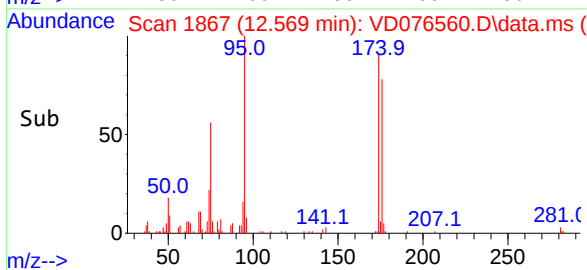
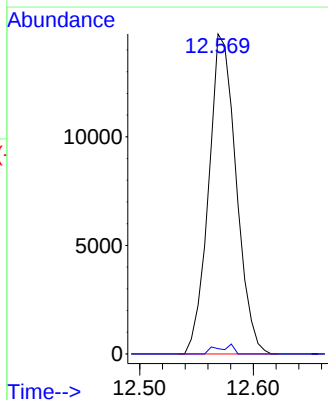
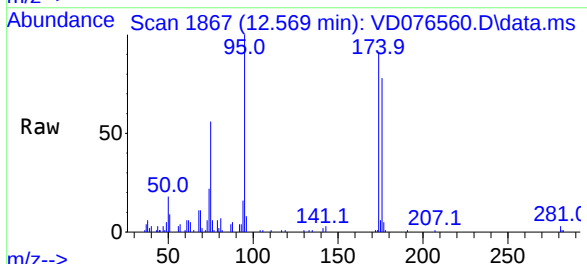
Instrument :
 MSVOA_D
 ClientSampleId :
 TP4RE

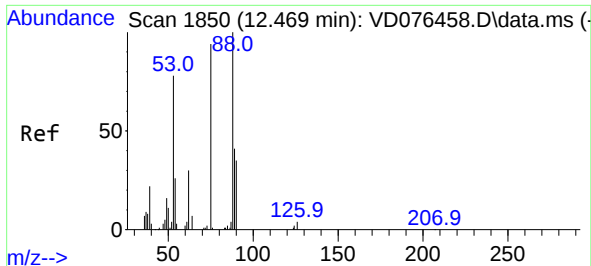
Tgt Ion:152 Resp: 44089
 Ion Ratio Lower Upper
 152 100
 115 55.7 27.1 81.3
 150 164.0 0.0 353.6



#76
 1,2,3-Trichloropropane
 Concen: 56.622 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD076560.D
 Acq: 23 Jun 2023 16:03

Tgt Ion: 75 Resp: 24776
 Ion Ratio Lower Upper
 75 100
 77 1.7 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 124.071 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076560.D
Acq: 23 Jun 2023 16:03

Instrument :
MSVOA_D
ClientSampleId :
TP4RE

Tgt Ion: 75 Resp: 24776
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.0 37.9 56.9#

