

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062223\
 Data File : VD076548.D
 Acq On : 22 Jun 2023 19:42
 Operator : KP/SY
 Sample : 03365-33
 Misc : 5.05G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP3

Quant Time: Jun 23 06:37:47 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)

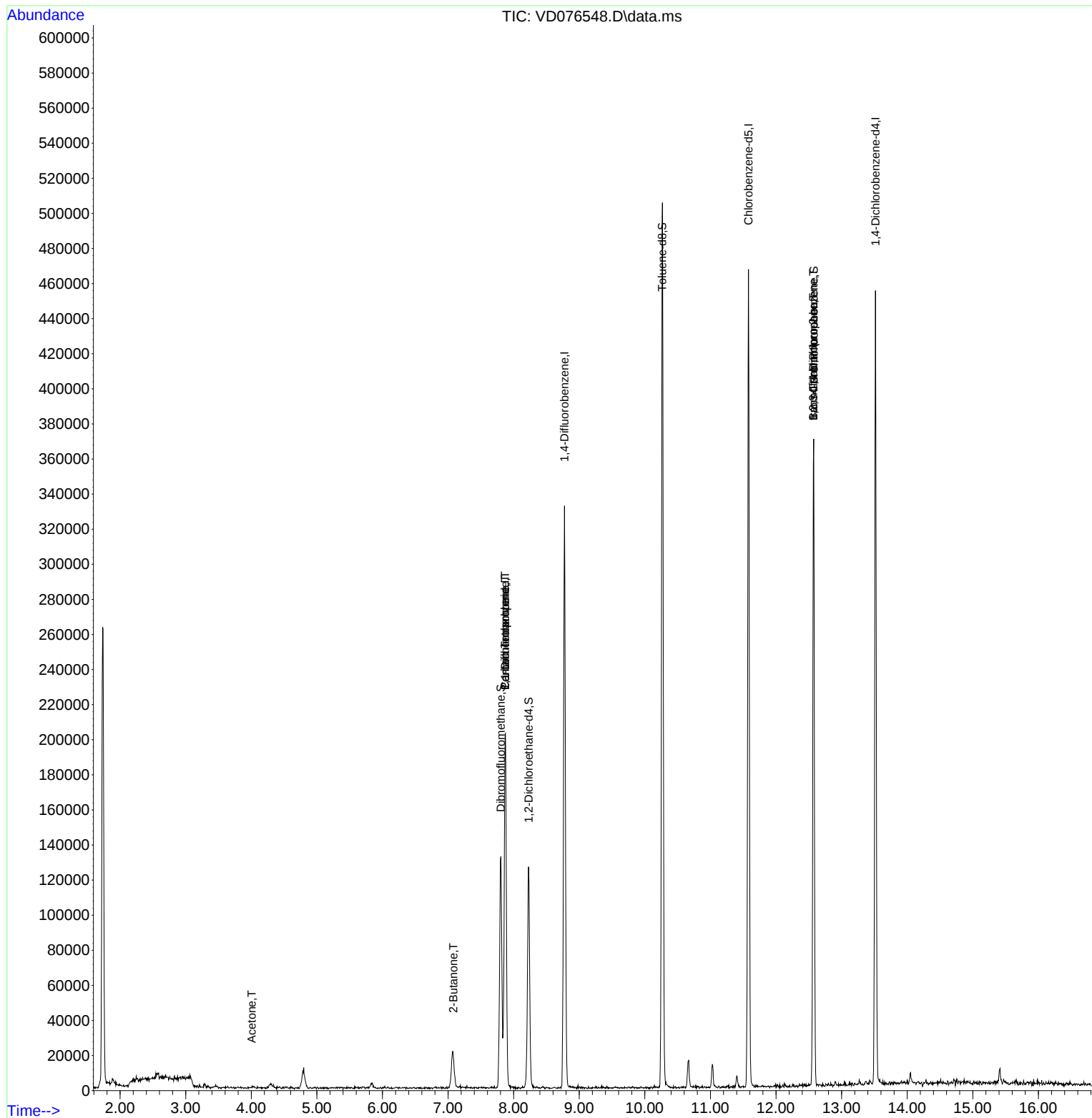
Internal Standards						
1) Pentafluorobenzene	7.869	168	157801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	274711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	255731	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	114918	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	93913	59.400	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.800%
35) Dibromofluoromethane	7.804	113	93242	57.135	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.260%
50) Toluene-d8	10.263	98	346872	56.045	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	112.080%
62) 4-Bromofluorobenzene	12.575	95	104946	52.247	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	104.500%
Target Compounds						
						Qvalue
16) Acetone	4.005	43	1028	2.732	ug/l #	32
20) Methylene Chloride	4.793	84	7113	Below Cal	#	78
25) 2-Butanone	7.081	43	1709	2.937	ug/l #	37
28) Bromochloromethane	7.310	49	76	Below Cal	#	1
36) 1,1-Dichloropropene	7.869	75	12963	5.672	ug/l #	47
38) Carbon Tetrachloride	7.869	117	14619	7.157	ug/l #	14
71) Bromoform	12.569	173	1175	1.126	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	55211	48.408	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	55211	106.073	ug/l #	17

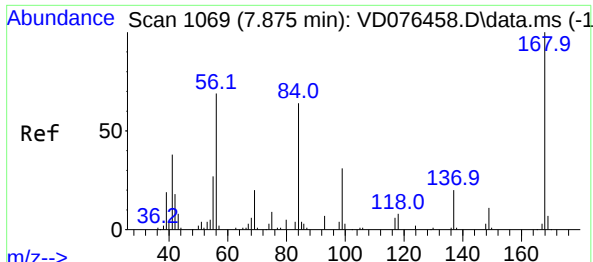
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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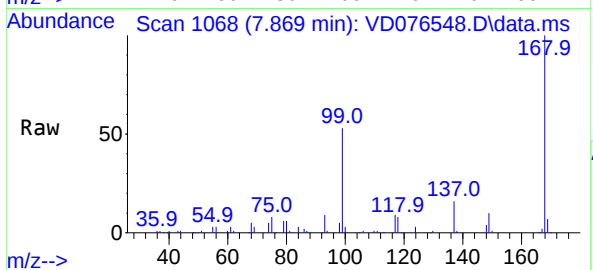
Quant Time: Jun 23 06:37:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D061623S.M
Quant Title : SW846 8260
QLast Update : Mon Jun 19 04:51:45 2023
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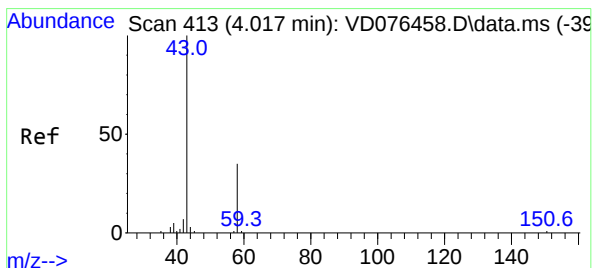
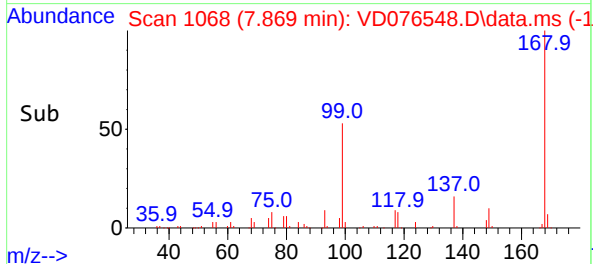
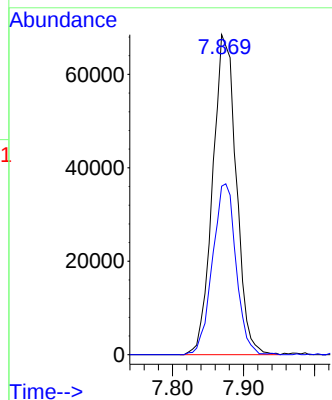


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP3

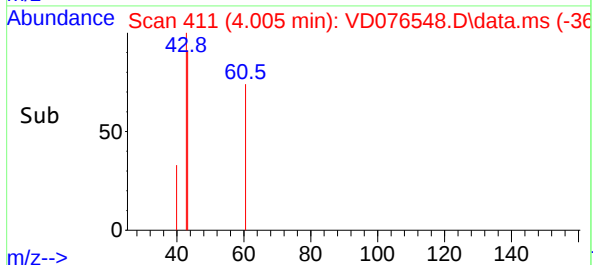
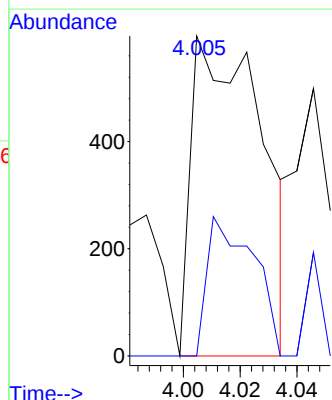
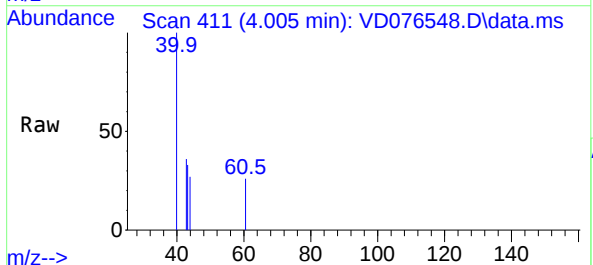


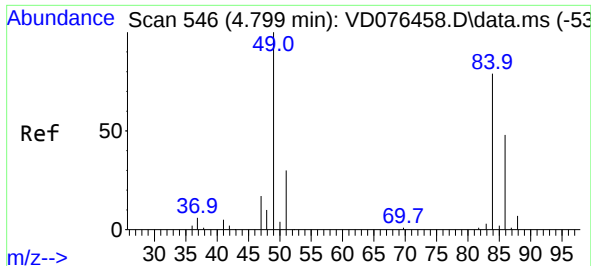
Tgt Ion:168 Resp: 157801
Ion Ratio Lower Upper
168 100
99 52.6 36.7 55.1



#16
Acetone
Concen: 2.732 ug/l
RT: 4.005 min Scan# 411
Delta R.T. -0.012 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 43 Resp: 1028
Ion Ratio Lower Upper
43 100
58 0.0 34.7 52.1#



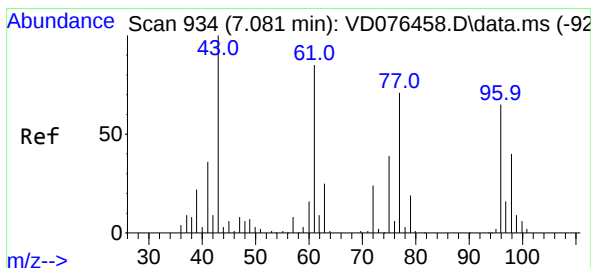
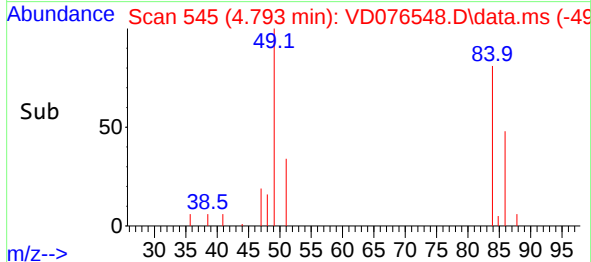
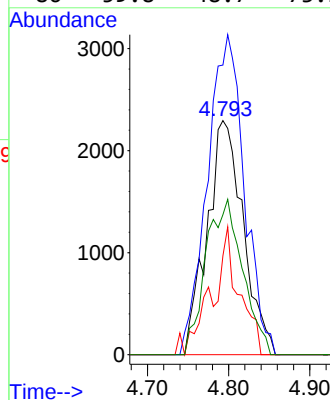
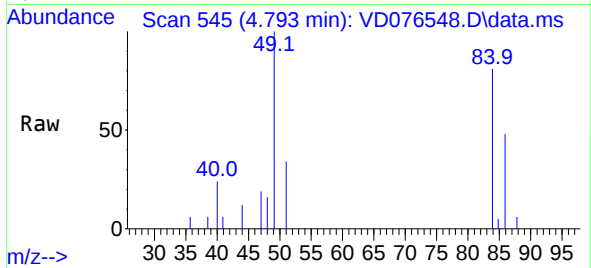


#20
Methylene Chloride
Concen: Below Cal
RT: 4.793 min Scan# 54
Delta R.T. -0.006 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion: 84 Resp: 7113

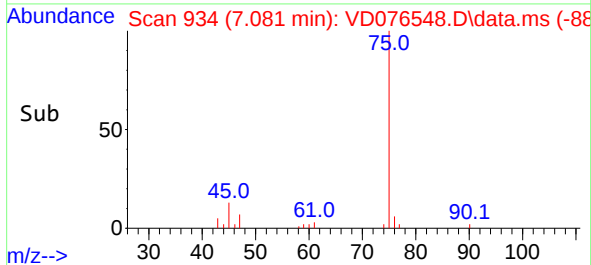
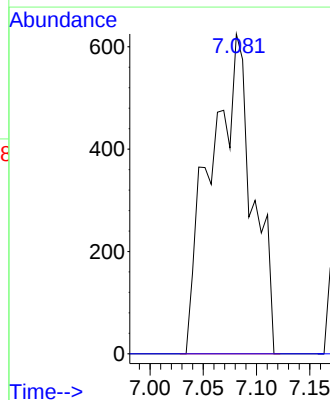
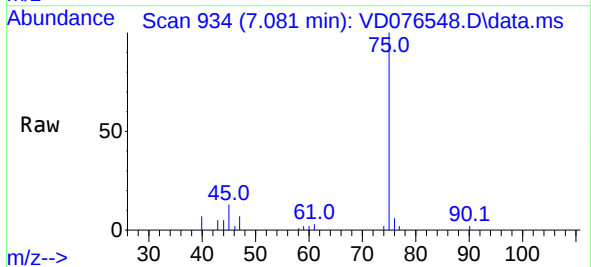
Ion	Ratio	Lower	Upper
84	100		
49	123.7	71.4	107.2#
51	42.3	24.5	36.7#
86	59.8	48.7	73.1

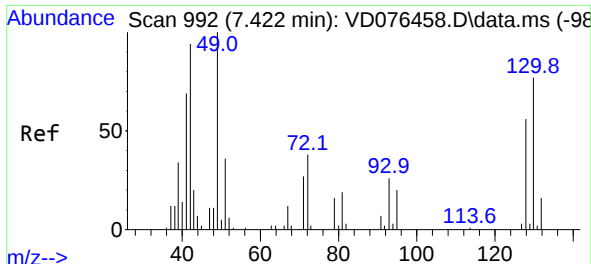


#25
2-Butanone
Concen: 2.937 ug/l
RT: 7.081 min Scan# 934
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 43 Resp: 1709

Ion	Ratio	Lower	Upper
43	100		
72	0.0	30.7	46.1#

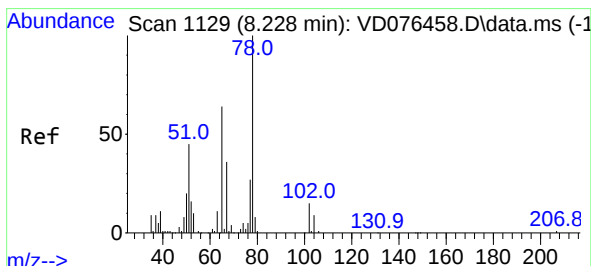
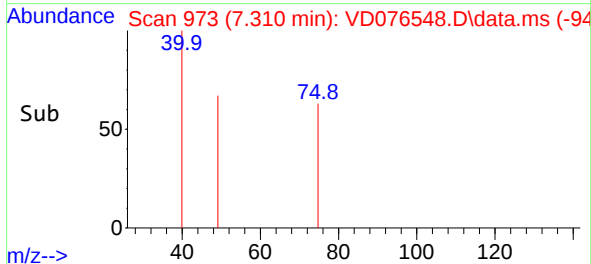
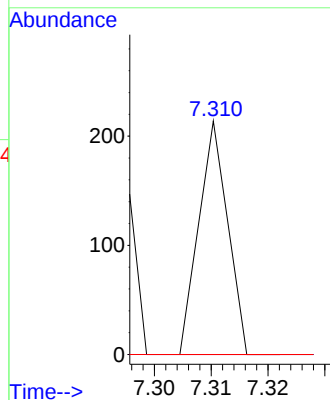
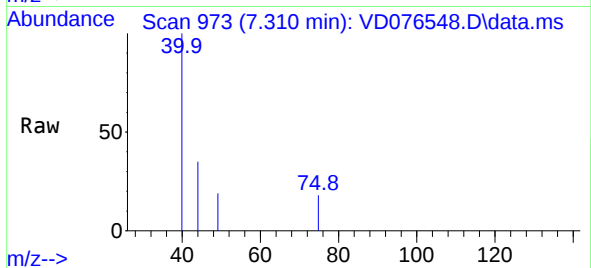




#28
Bromochloromethane
Concen: Below Cal
RT: 7.310 min Scan# 91
Delta R.T. -0.112 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

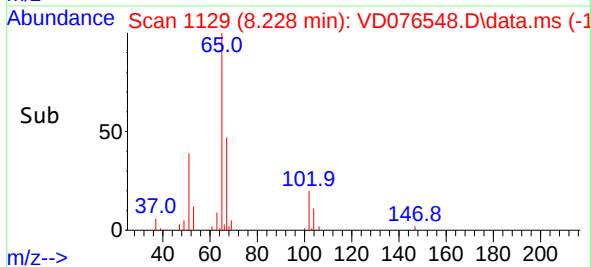
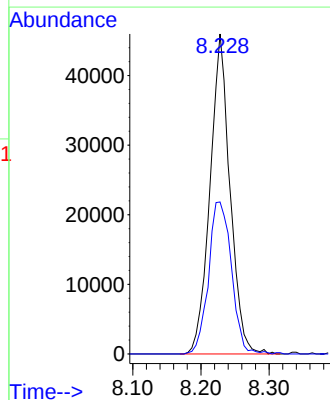
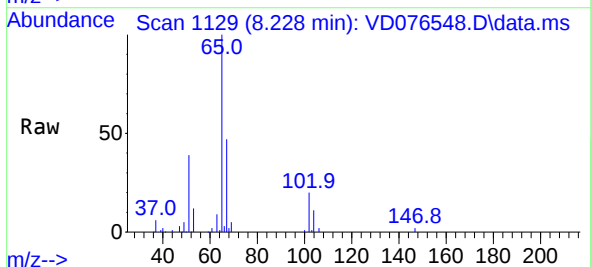
Instrument :
MSVOA_D
ClientSampleId :
TP3

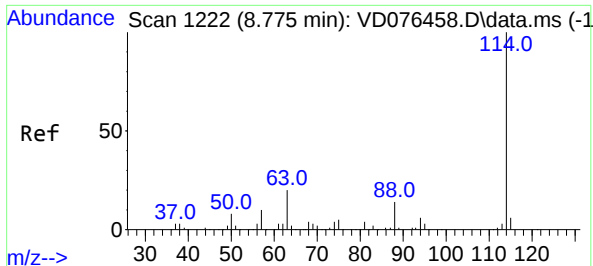
Tgt Ion: 49 Resp: 76
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 0.0 83.2 124.8#



#33
1,2-Dichloroethane-d4
Concen: 59.400 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 65 Resp: 93913
Ion Ratio Lower Upper
65 100
67 54.4 0.0 115.0

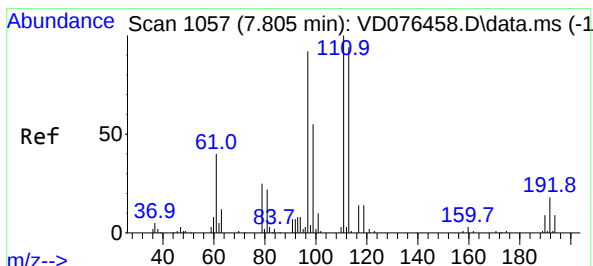
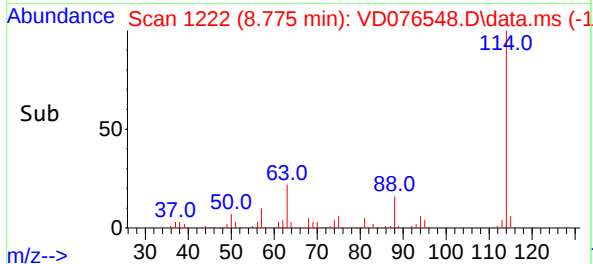
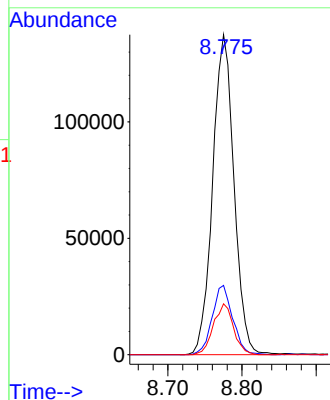
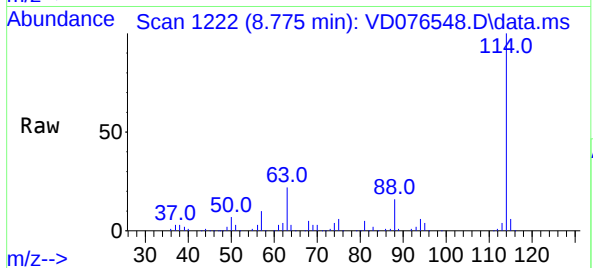




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

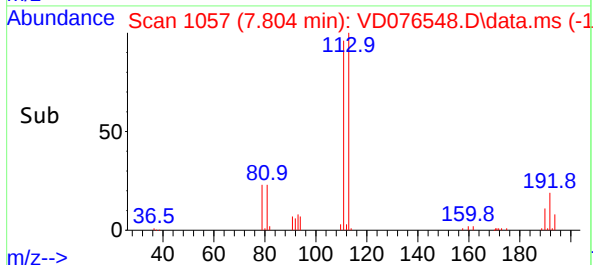
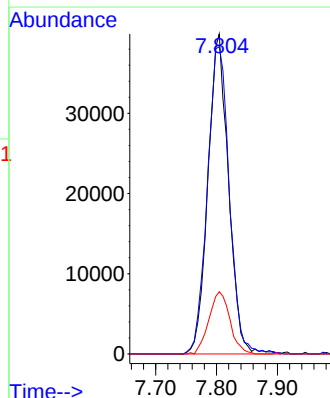
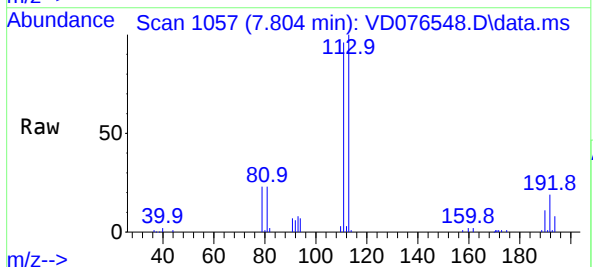
Instrument :
MSVOA_D
ClientSampleId :
TP3

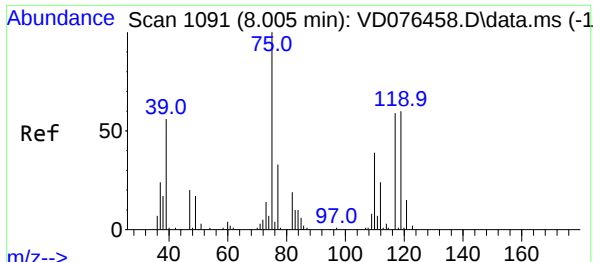
Tgt Ion:114 Resp: 274711
Ion Ratio Lower Upper
114 100
63 21.6 0.0 33.4
88 15.9 0.0 26.2



#35
Dibromofluoromethane
Concen: 57.135 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion:113 Resp: 93242
Ion Ratio Lower Upper
113 100
111 103.0 84.7 127.1
192 20.0 16.8 25.2





#36

1,1-Dichloropropene

Concen: 5.672 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.135 min

Lab File: VD076548.D

Acq: 22 Jun 2023 19:42

Instrument :

MSVOA_D

ClientSampleId :

TP3

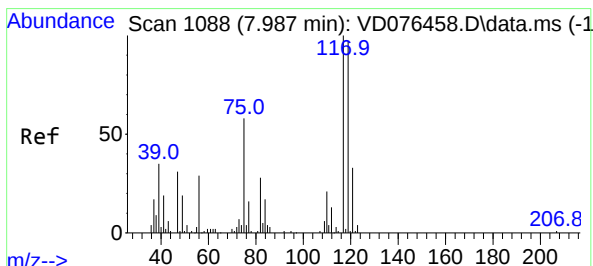
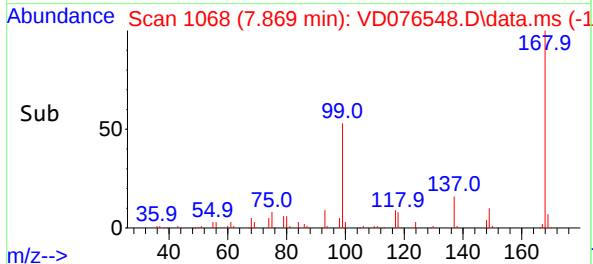
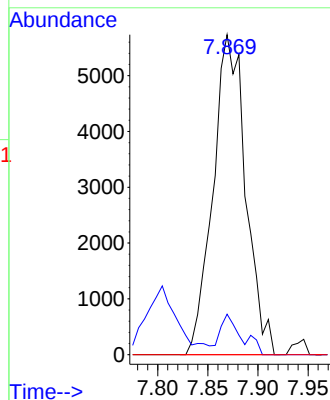
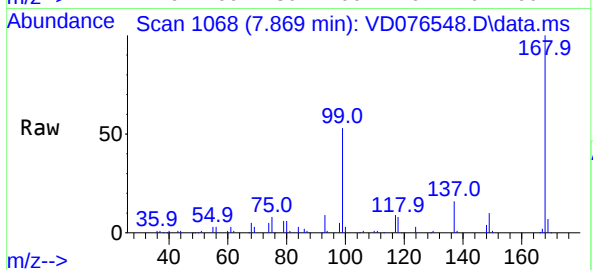
Tgt Ion: 75 Resp: 12963

Ion Ratio Lower Upper

75 100

110 8.4 19.9 59.6#

77 0.0 24.7 37.1#



#38

Carbon Tetrachloride

Concen: 7.157 ug/l

RT: 7.869 min Scan# 1068

Delta R.T. -0.118 min

Lab File: VD076548.D

Acq: 22 Jun 2023 19:42

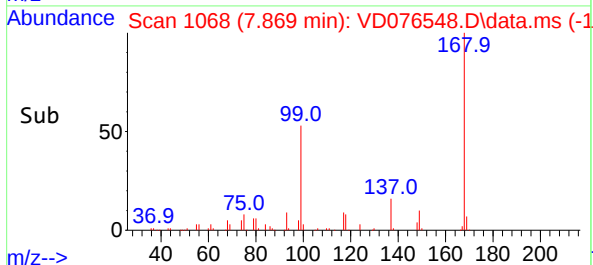
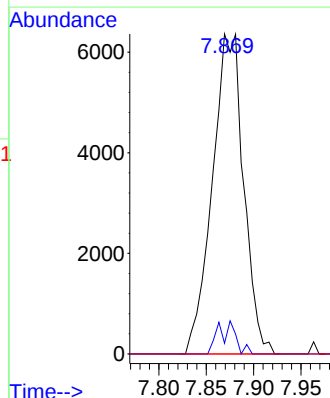
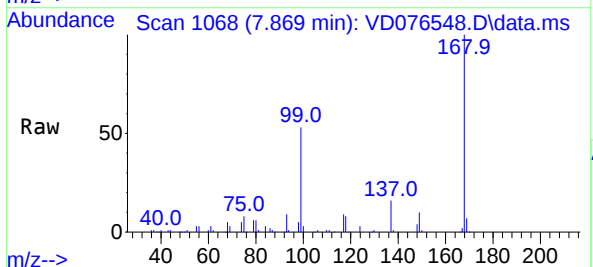
Tgt Ion: 117 Resp: 14619

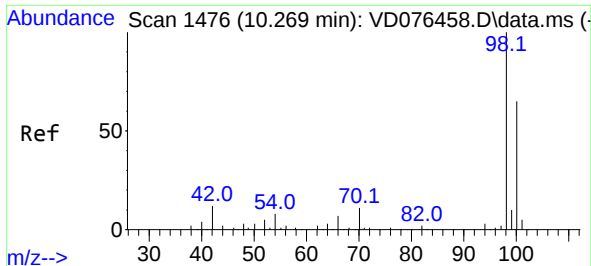
Ion Ratio Lower Upper

117 100

119 3.3 78.0 117.0#

121 0.0 24.2 36.2#

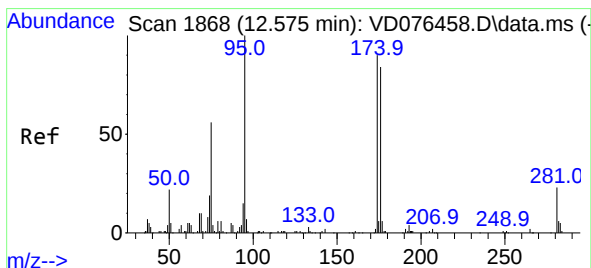
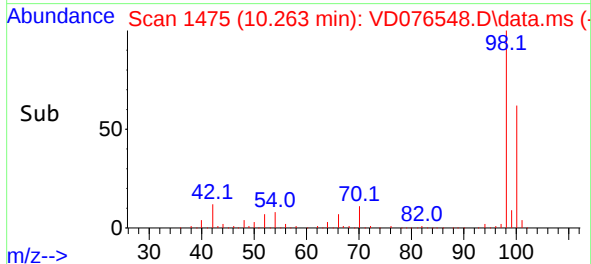
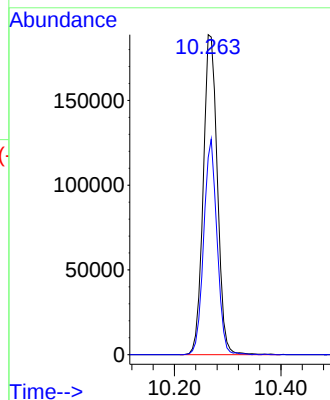
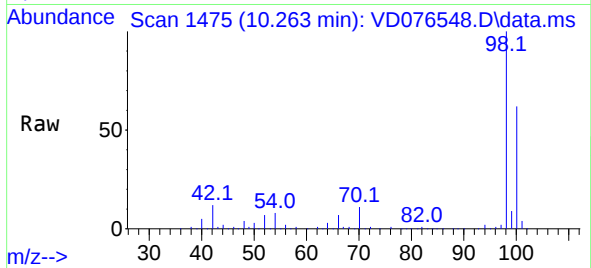




#50
Toluene-d8
Concen: 56.045 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

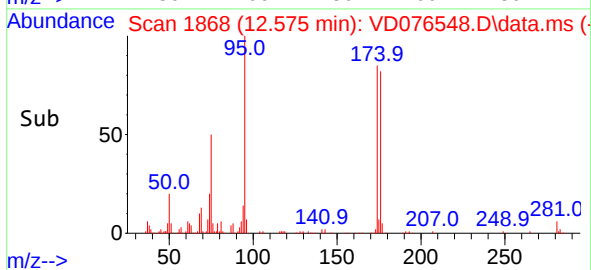
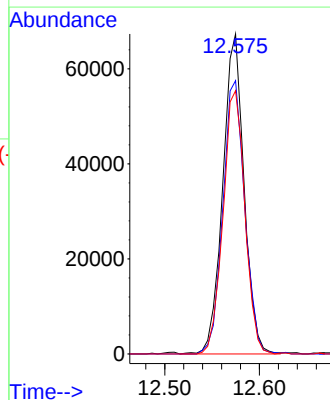
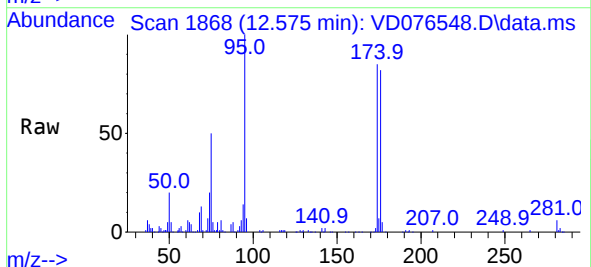
Instrument :
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TP3

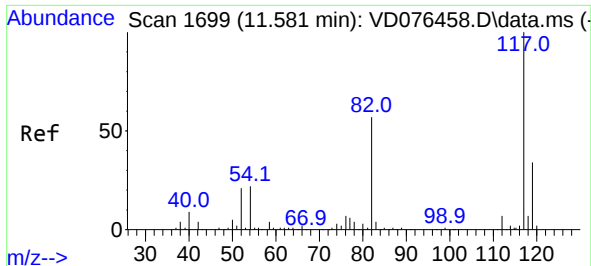
Tgt Ion: 98 Resp: 346872
Ion Ratio Lower Upper
98 100
100 63.5 50.3 75.5



#62
4-Bromofluorobenzene
Concen: 52.247 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 95 Resp: 104946
Ion Ratio Lower Upper
95 100
174 88.2 0.0 201.8
176 84.5 0.0 191.8

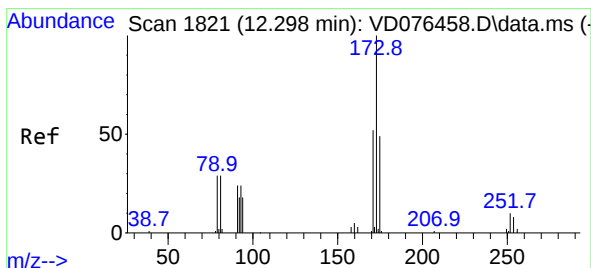
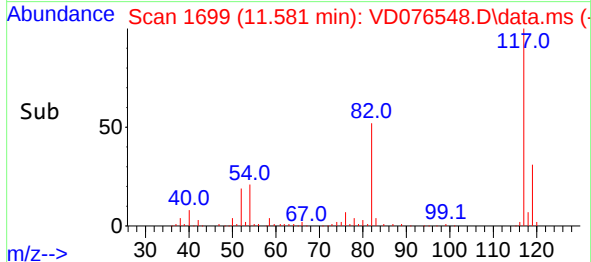
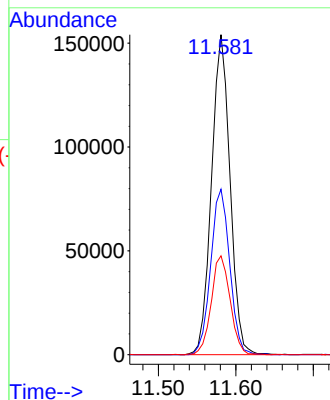
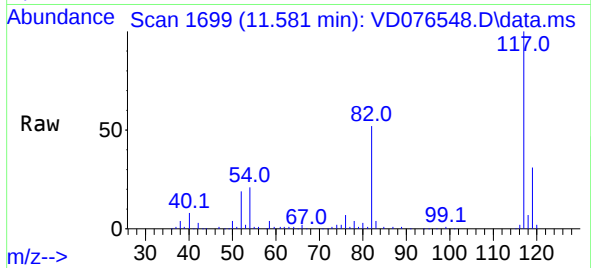




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

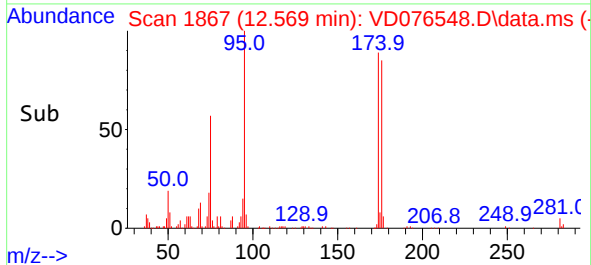
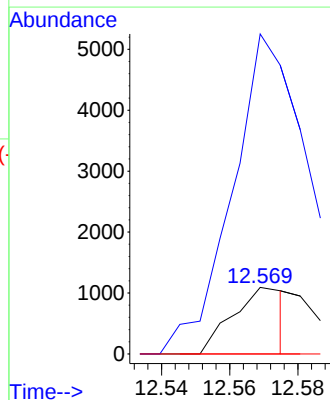
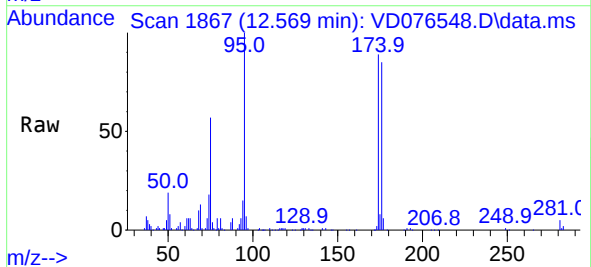
Instrument :
MSVOA_D
ClientSampleId :
TP3

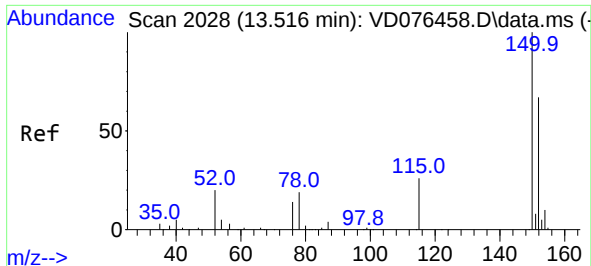
Tgt Ion:117 Resp: 255731
Ion Ratio Lower Upper
117 100
82 51.7 38.3 57.5
119 30.9 25.0 37.4



#71
Bromoform
Concen: 1.126 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.270 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion:173 Resp: 1175
Ion Ratio Lower Upper
173 100
175 481.8 24.6 73.8#
254 0.0 0.0 0.0

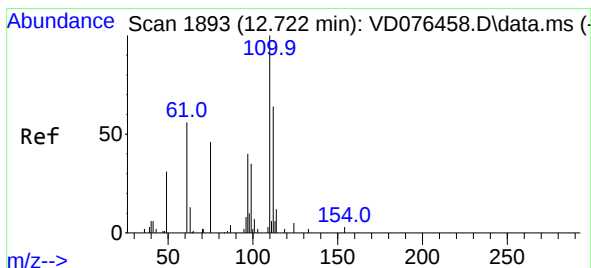
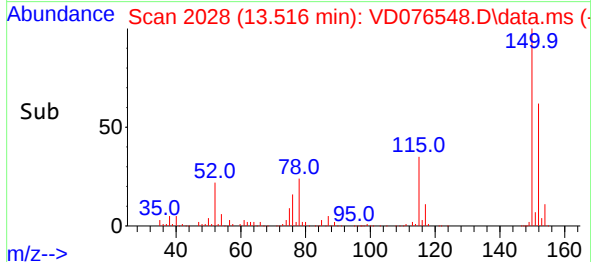
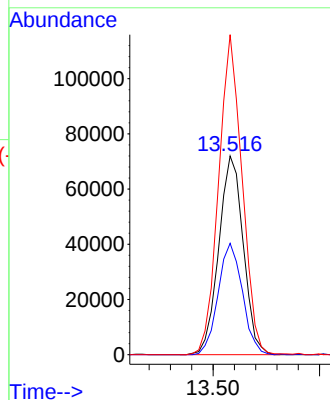
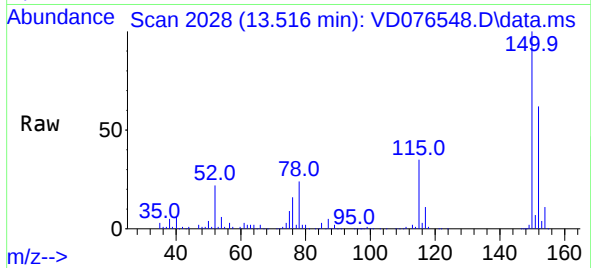




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

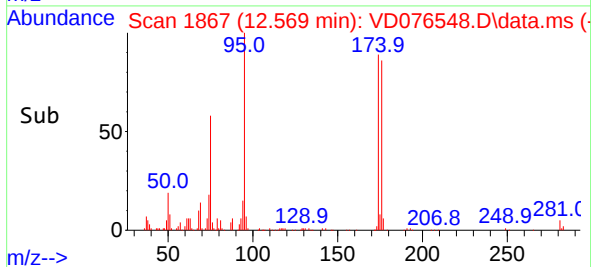
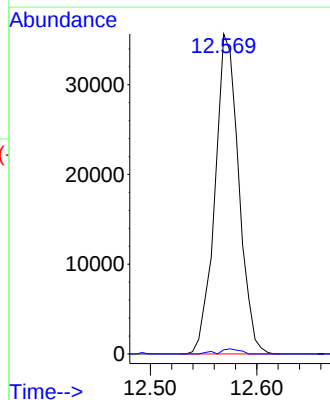
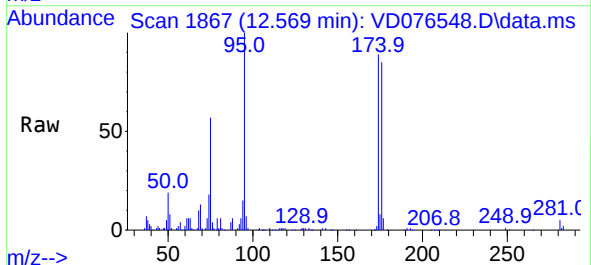
Instrument :
MSVOA_D
ClientSampleId :
TP3

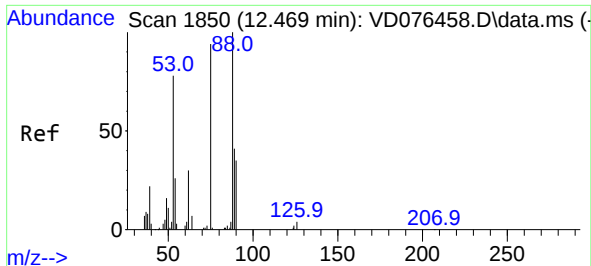
Tgt Ion:152 Resp: 114918
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 154.2 0.0 353.6



#76
1,2,3-Trichloropropane
Concen: 48.408 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.153 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 106.073 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD076548.D
Acq: 22 Jun 2023 19:42

Instrument :
MSVOA_D
ClientSampleId :
TP3

Tgt Ion: 75 Resp: 55211
Ion Ratio Lower Upper
75 100
53 0.0 63.0 94.4#
89 0.2 37.9 56.9#

