

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
 Data File : VD074552.D
 Acq On : 17 Oct 2022 18:43
 Operator : VA/SY
 Sample : N5140-11
 Misc : 5.02G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-3.5-4.0

Quant Time: Oct 17 23:10:08 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 12 13:14:00 2022
 Response via : Initial Calibration

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

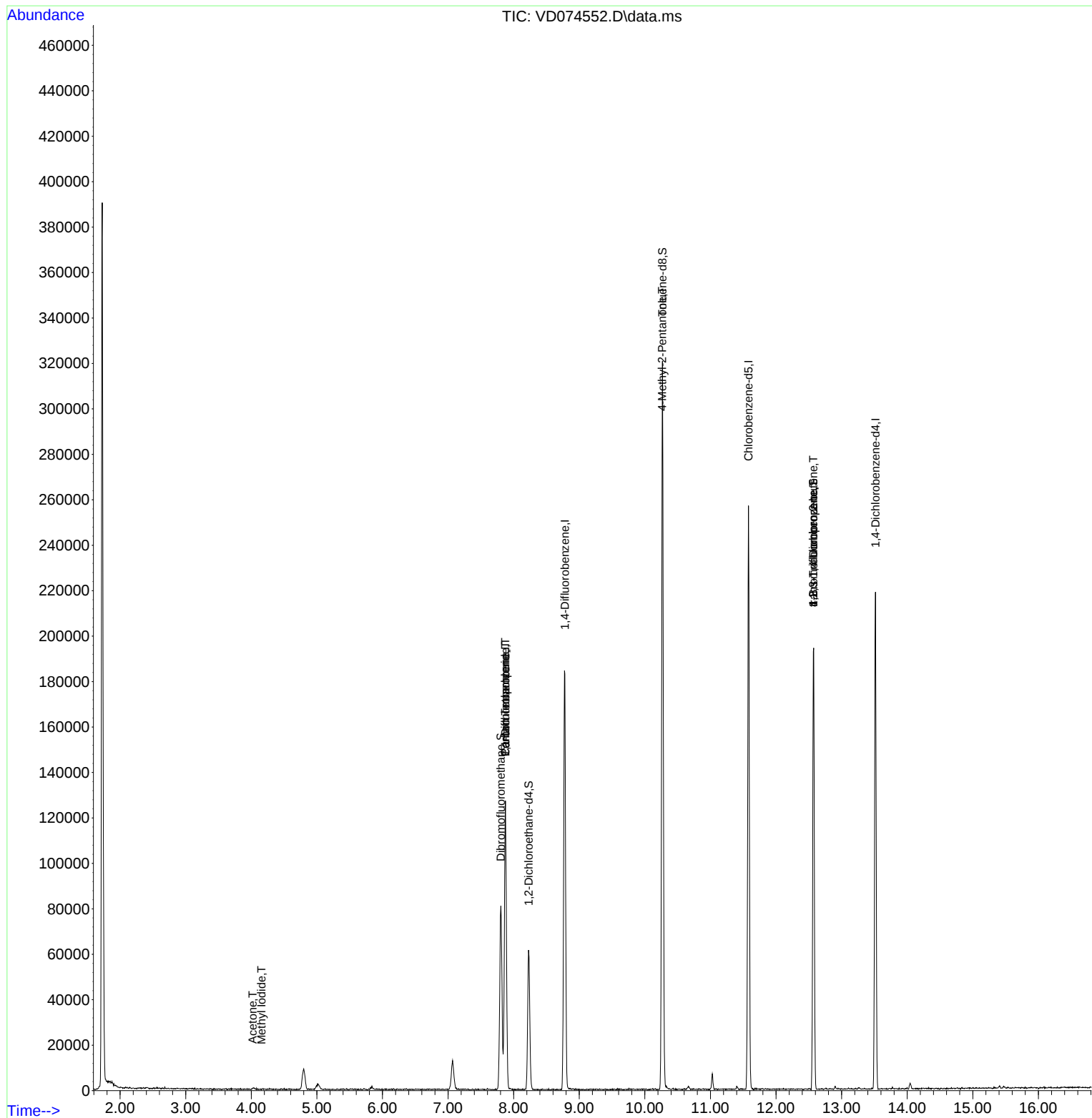
Internal Standards						
1) Pentafluorobenzene	7.875	168	100157	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	177905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	155587	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	61097	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48276	55.998	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 112.000%	
35) Dibromofluoromethane	7.804	113	58866	55.219	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 110.440%	
50) Toluene-d8	10.269	98	226594	55.443	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 110.880%	
62) 4-Bromofluorobenzene	12.569	95	58657	46.508	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.020%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.158	142	234	5.436	ug/l #	43
11) Tert butyl alcohol	5.005	59	1012	Below Cal	#	84
16) Acetone	4.022	43	912	4.904	ug/l #	37
20) Methylene Chloride	4.799	84	7929	Below Cal	#	85
36) 1,1-Dichloropropene	7.875	75	6842	4.007	ug/l #	43
38) Carbon Tetrachloride	7.875	117	9588	6.074	ug/l #	17
51) 4-Methyl-2-Pentanone	10.263	43	700	1.374	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	30229	57.894	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.569	75	30229	146.855	ug/l #	17

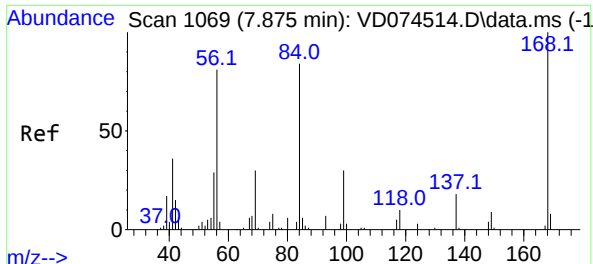
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD101722\
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Misc : 5.02G/5.00ml/MSVOA_D/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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SB-06-3.5-4.0

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D101122S.M
Quant Title : SW846 8260
QLast Update : Wed Oct 12 13:14:00 2022
Response via : Initial Calibration

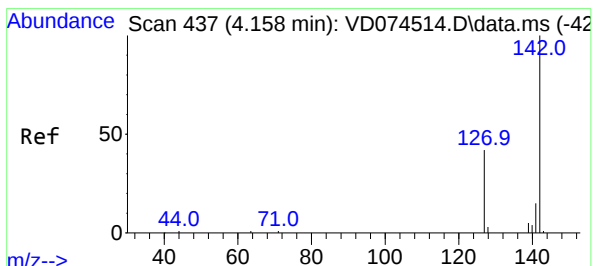
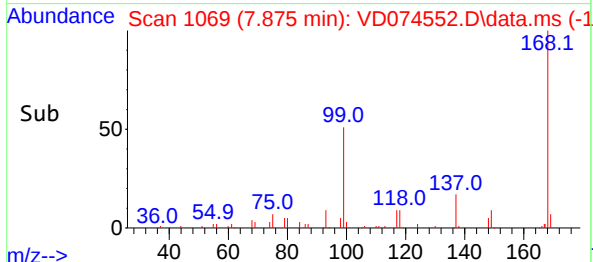
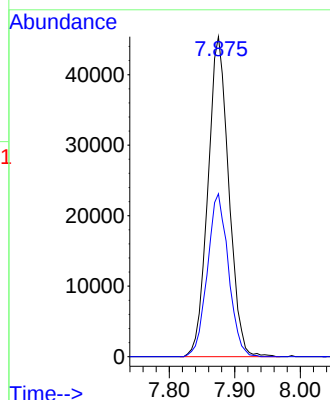
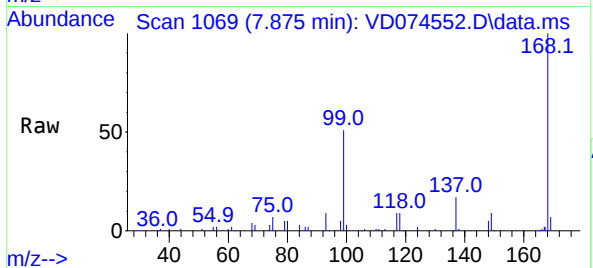




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

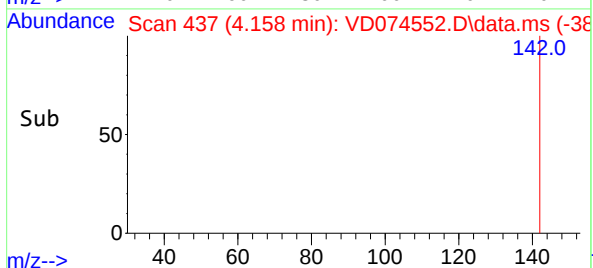
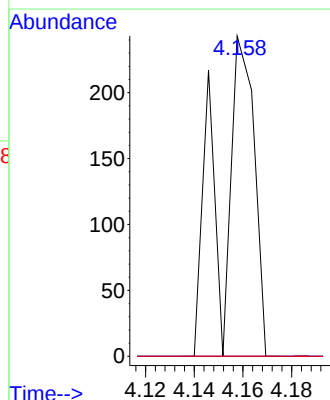
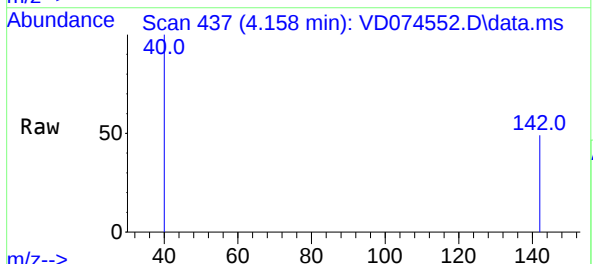
Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

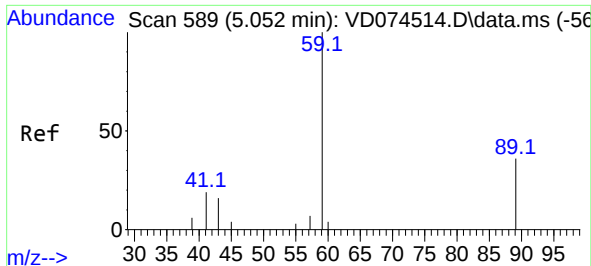
Tgt Ion:168 Resp: 100157
Ion Ratio Lower Upper
168 100
99 50.9 40.9 61.3



#10
Methyl Iodide
Concen: 5.436 ug/l
RT: 4.158 min Scan# 437
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion:142 Resp: 234
Ion Ratio Lower Upper
142 100
127 0.0 31.9 47.9#
141 0.0 11.4 17.2#

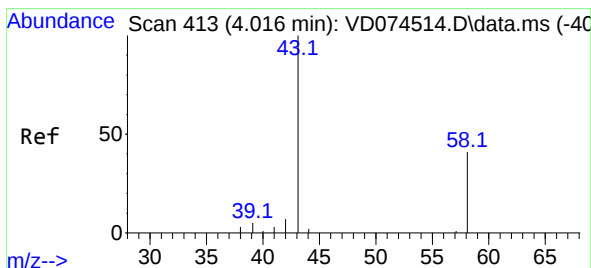
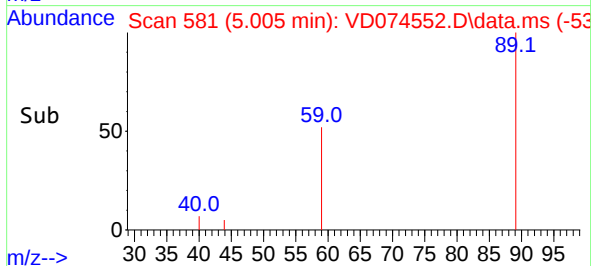
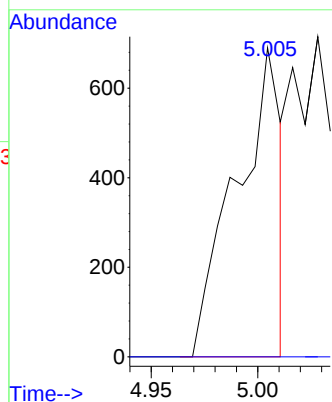
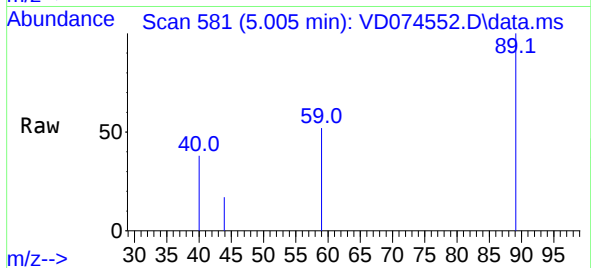




#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.005 min Scan# 51
Delta R.T. -0.047 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

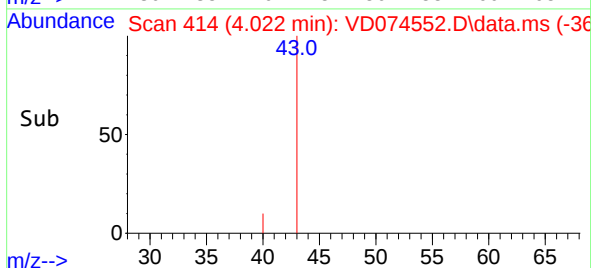
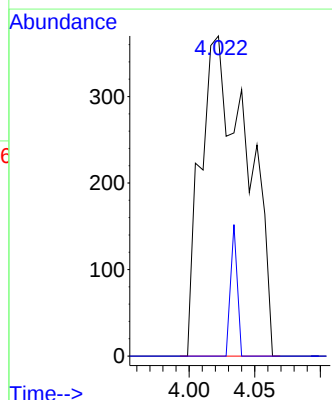
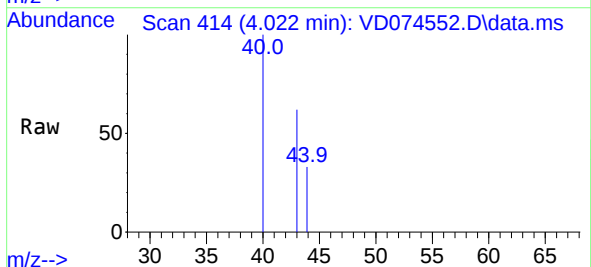
Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

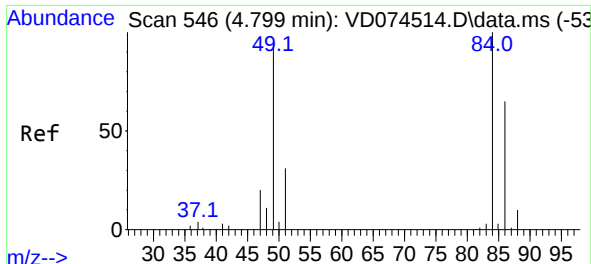
Tgt Ion: 59 Resp: 1012
Ion Ratio Lower Upper
59 100
57 0.0 4.4 6.6#



#16
Acetone
Concen: 4.904 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion: 43 Resp: 912
Ion Ratio Lower Upper
43 100
58 0.0 30.2 45.2#

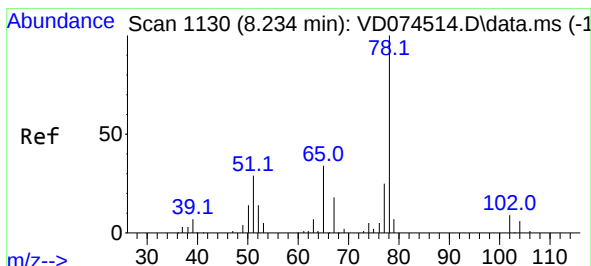
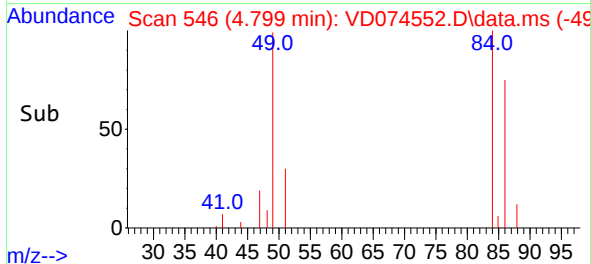
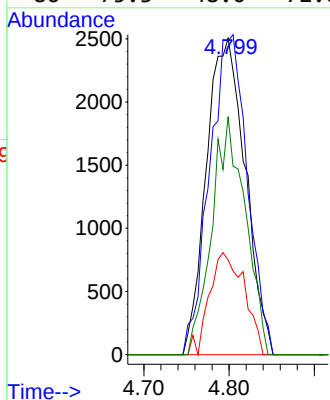
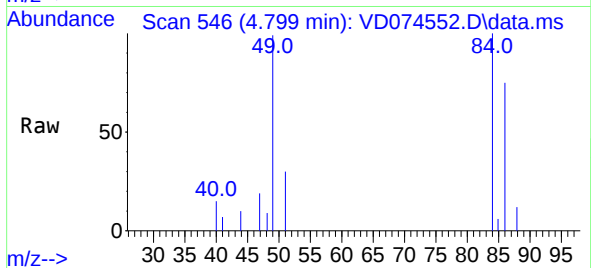




#20
Methylene Chloride
Concen: Below Cal
RT: 4.799 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

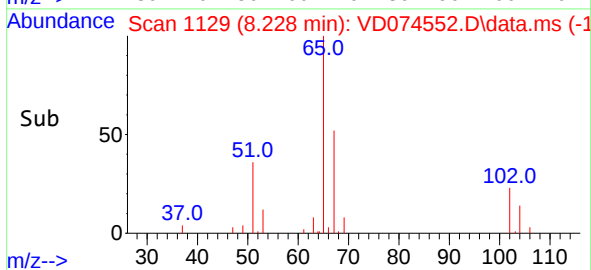
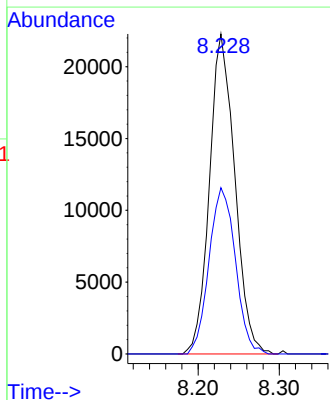
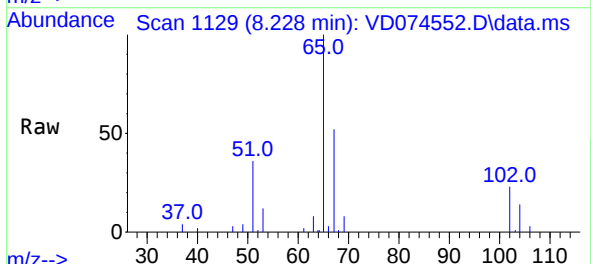
Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

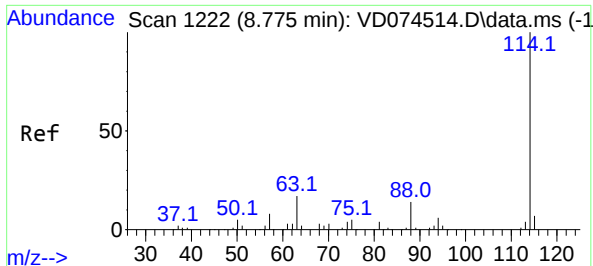
Tgt Ion:	84	Resp:	7929
Ion	Ratio	Lower	Upper
84	100		
49	99.2	68.0	102.0
51	30.0	23.2	34.8
86	75.3	48.0	72.0



#33
1,2-Dichloroethane-d4
Concen: 55.998 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion:	65	Resp:	48276
Ion	Ratio	Lower	Upper
65	100		
67	54.1	0.0	110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074552.D

Acq: 17 Oct 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

SB-06-3.5-4.0

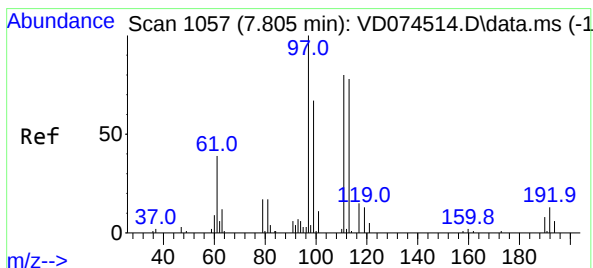
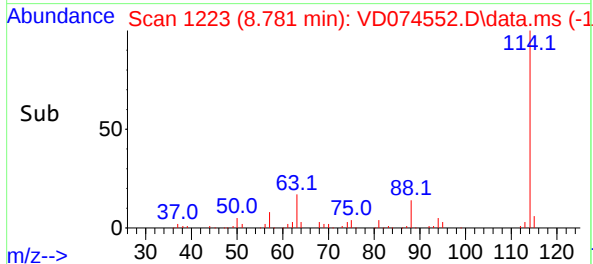
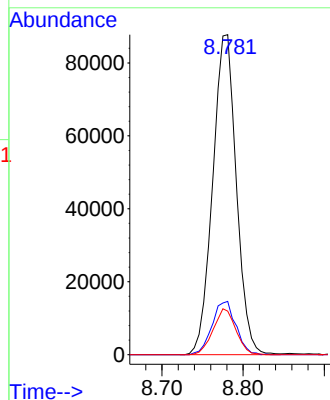
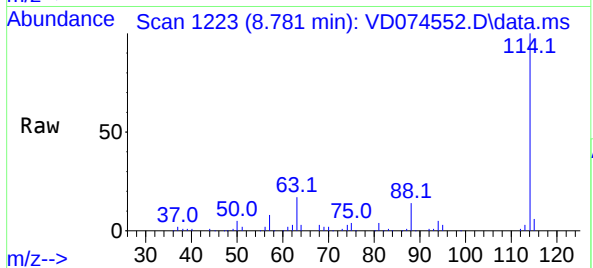
Tgt Ion:114 Resp: 177905

Ion Ratio Lower Upper

114 100

63 16.7 0.0 33.2

88 13.6 0.0 28.2



#35

Dibromofluoromethane

Concen: 55.219 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD074552.D

Acq: 17 Oct 2022 18:43

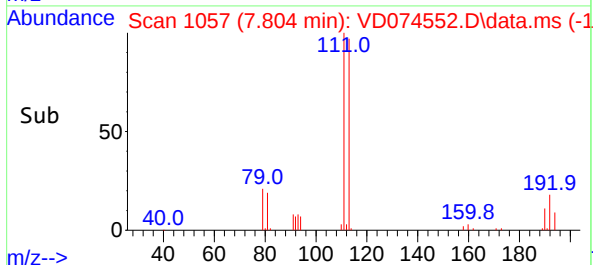
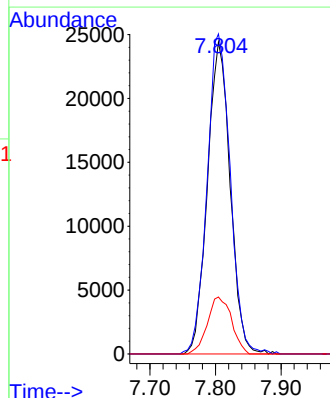
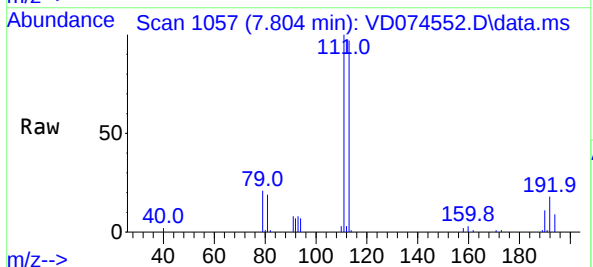
Tgt Ion:113 Resp: 58866

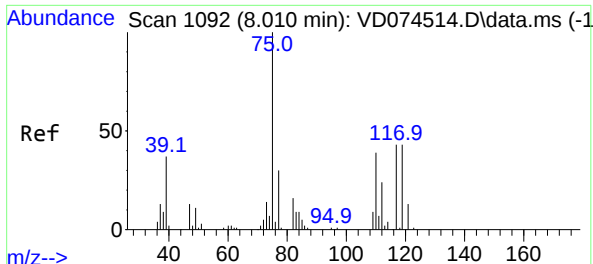
Ion Ratio Lower Upper

113 100

111 104.8 82.3 123.5

192 19.4 16.4 24.6





#36

1,1-Dichloropropene

Concen: 4.007 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD074552.D

Acq: 17 Oct 2022 18:43

Instrument :

MSVOA_D

ClientSampleId :

SB-06-3.5-4.0

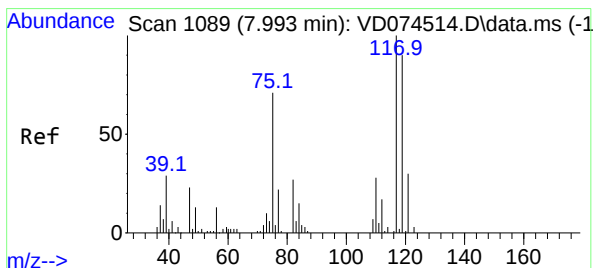
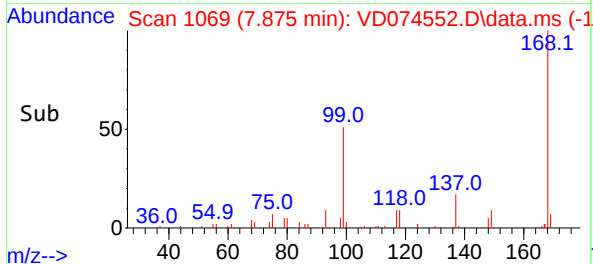
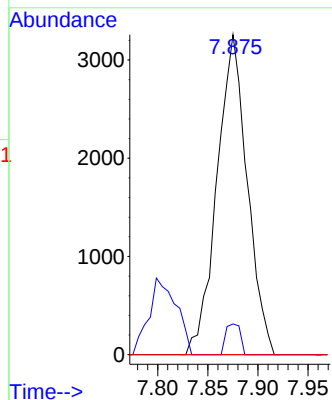
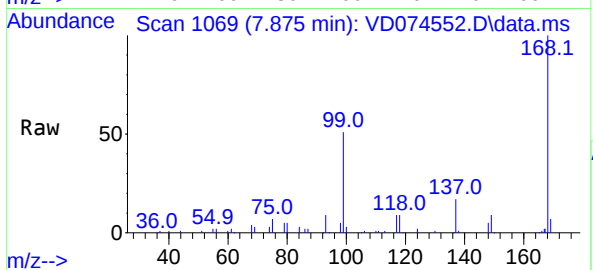
Tgt Ion: 75 Resp: 6842

Ion Ratio Lower Upper

75 100

110 4.6 19.7 59.0#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 6.074 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.112 min

Lab File: VD074552.D

Acq: 17 Oct 2022 18:43

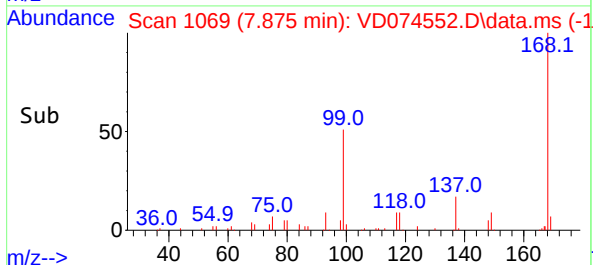
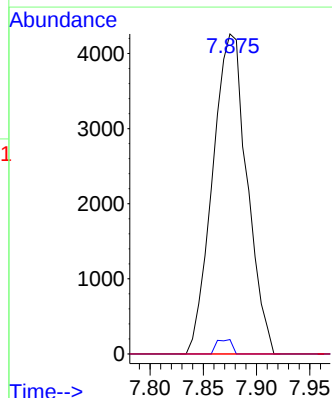
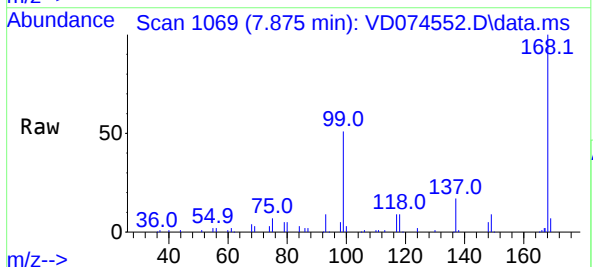
Tgt Ion: 117 Resp: 9588

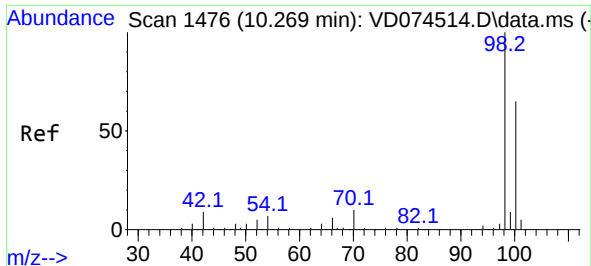
Ion Ratio Lower Upper

117 100

119 4.5 73.1 109.7#

121 0.0 25.0 37.6#

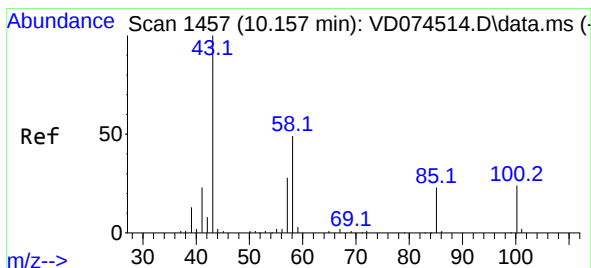
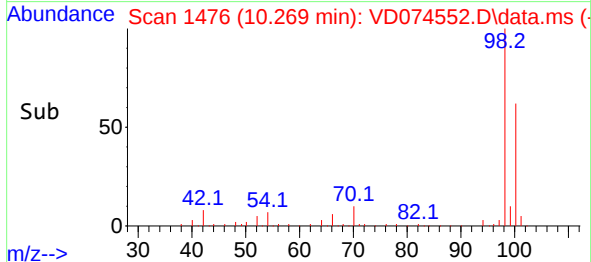
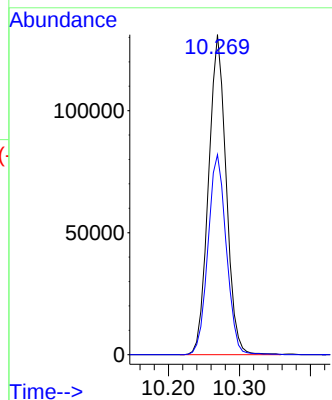
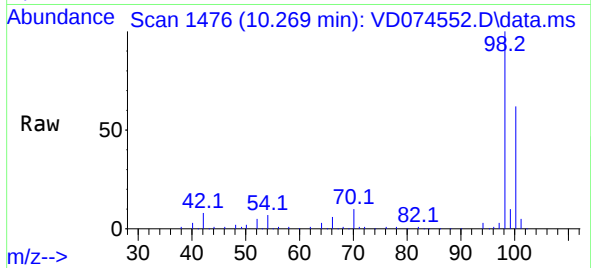




#50
Toluene-d8
Concen: 55.443 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

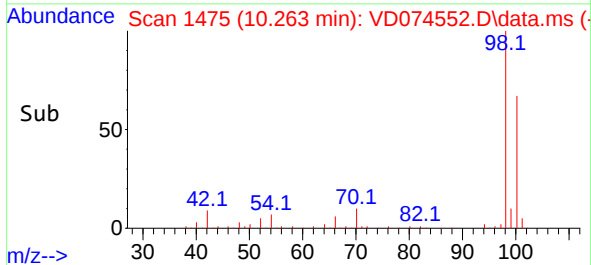
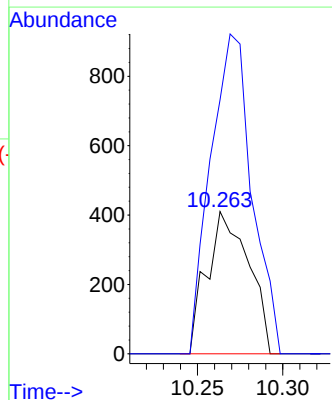
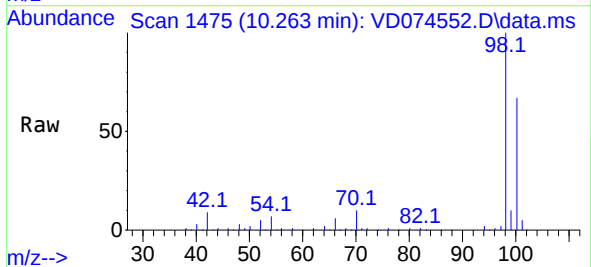
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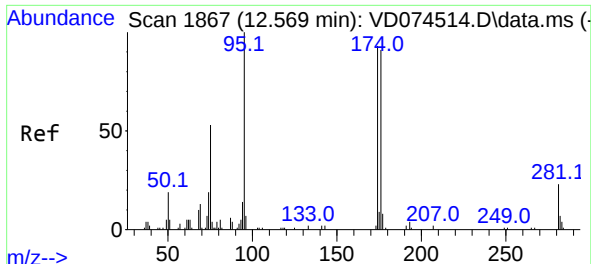
Tgt Ion: 98 Resp: 226594
Ion Ratio Lower Upper
98 100
100 64.8 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 1.374 ug/l
RT: 10.263 min Scan# 1475
Delta R.T. 0.106 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion: 43 Resp: 700
Ion Ratio Lower Upper
43 100
58 222.9 37.8 56.6#

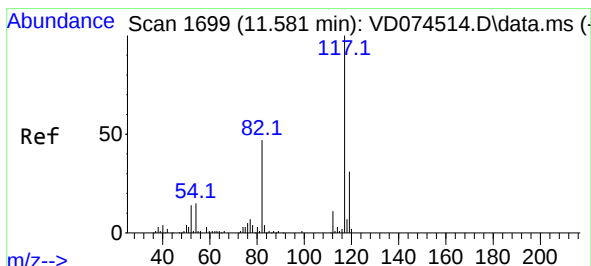
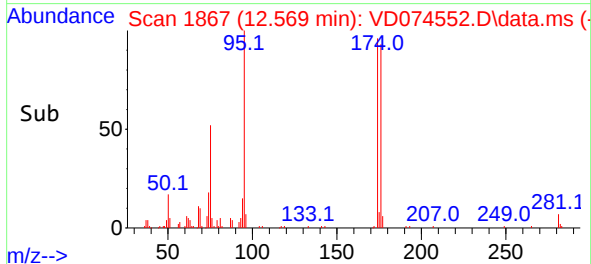
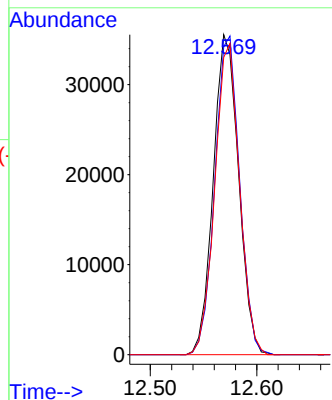
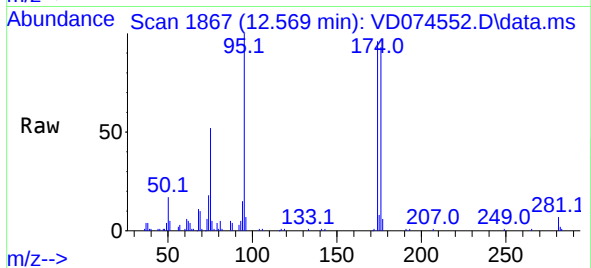




#62
4-Bromofluorobenzene
Concen: 46.508 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

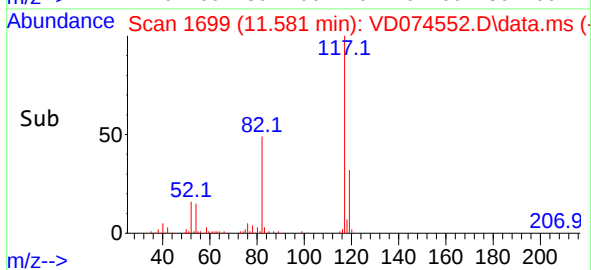
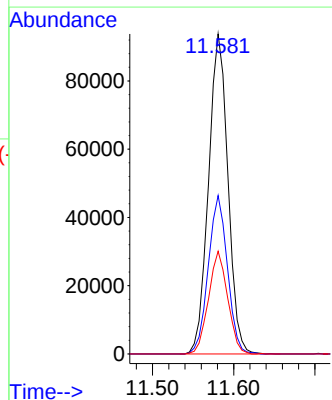
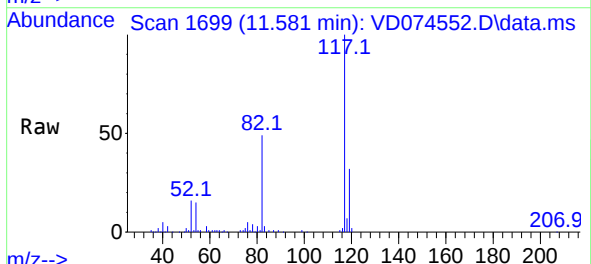
Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

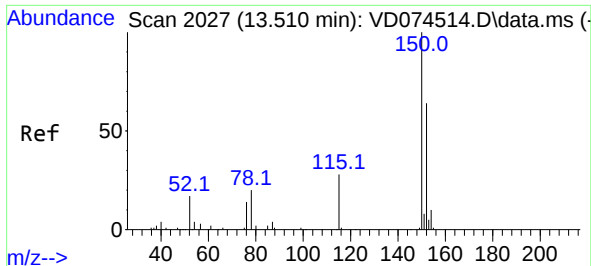
Tgt Ion:	95	Resp:	58657
Ion	Ratio	Lower	Upper
95	100		
174	97.2	0.0	197.0
176	94.9	0.0	182.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

Tgt Ion:	117	Resp:	155587
Ion	Ratio	Lower	Upper
117	100		
82	49.5	41.6	62.4
119	32.1	25.2	37.8

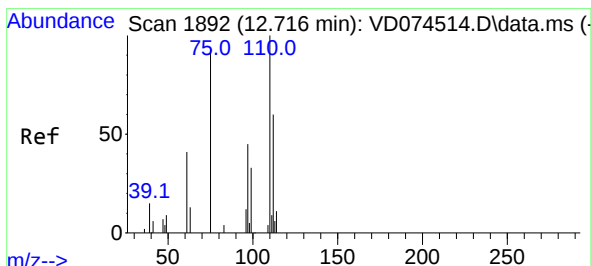
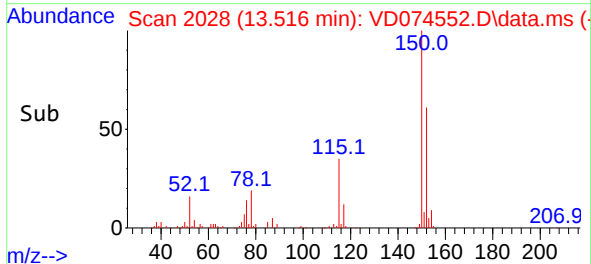
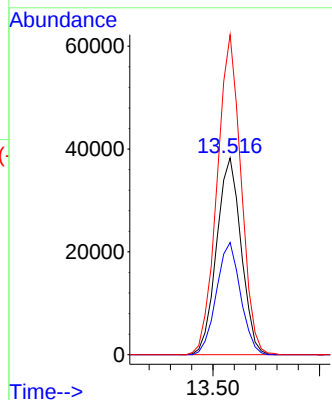
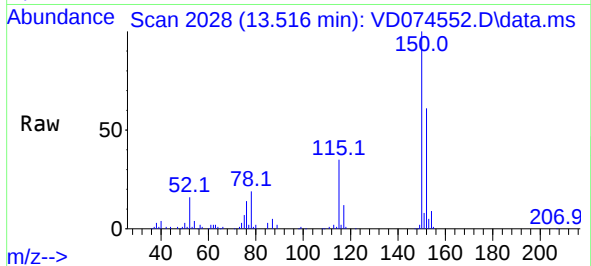




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 20
Delta R.T. 0.006 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

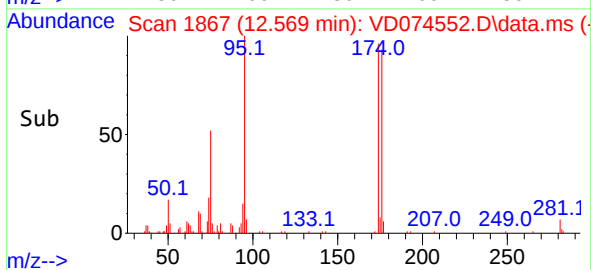
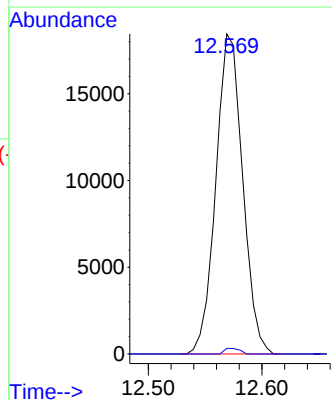
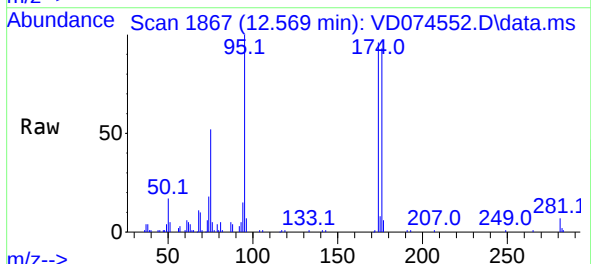
Instrument :
MSVOA_D
ClientSampleId :
SB-06-3.5-4.0

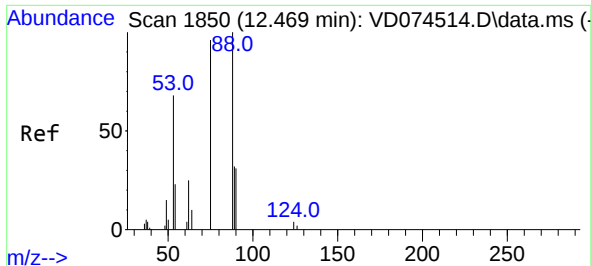
Tgt Ion:152 Resp: 61097
Ion Ratio Lower Upper
152 100
115 56.0 26.8 80.4
150 158.6 0.0 348.2



#76
1,2,3-Trichloropropane
Concen: 57.894 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.147 min
Lab File: VD074552.D
Acq: 17 Oct 2022 18:43

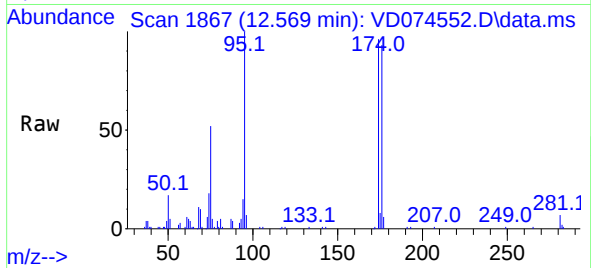
Tgt Ion: 75 Resp: 30229
Ion Ratio Lower Upper
75 100
77 1.0 185.8 557.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 146.855 ug/l
 RT: 12.569 min Scan# 11
 Delta R.T. 0.106 min
 Lab File: VD074552.D
 Acq: 17 Oct 2022 18:43

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-06-3.5-4.0



Tgt Ion: 75 Resp: 30229
 Ion Ratio Lower Upper
 75 100
 53 0.0 63.8 95.6#
 89 0.0 38.2 57.4#

