

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078672.D
 Acq On : 14 Mar 2024 17:45
 Operator : RP/MD
 Sample : P1746-02
 Misc : 5.02G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-6.0

Quant Time: Mar 15 05:51:36 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	34040	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	64181	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	56689	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	16331	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	30936	96.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	193.940%#
35) Dibromofluoromethane	7.805	113	29653	71.759	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	143.520%
50) Toluene-d8	10.269	98	76457	50.310	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.620%
62) 4-Bromofluorobenzene	12.575	95	17356	39.037	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.080%

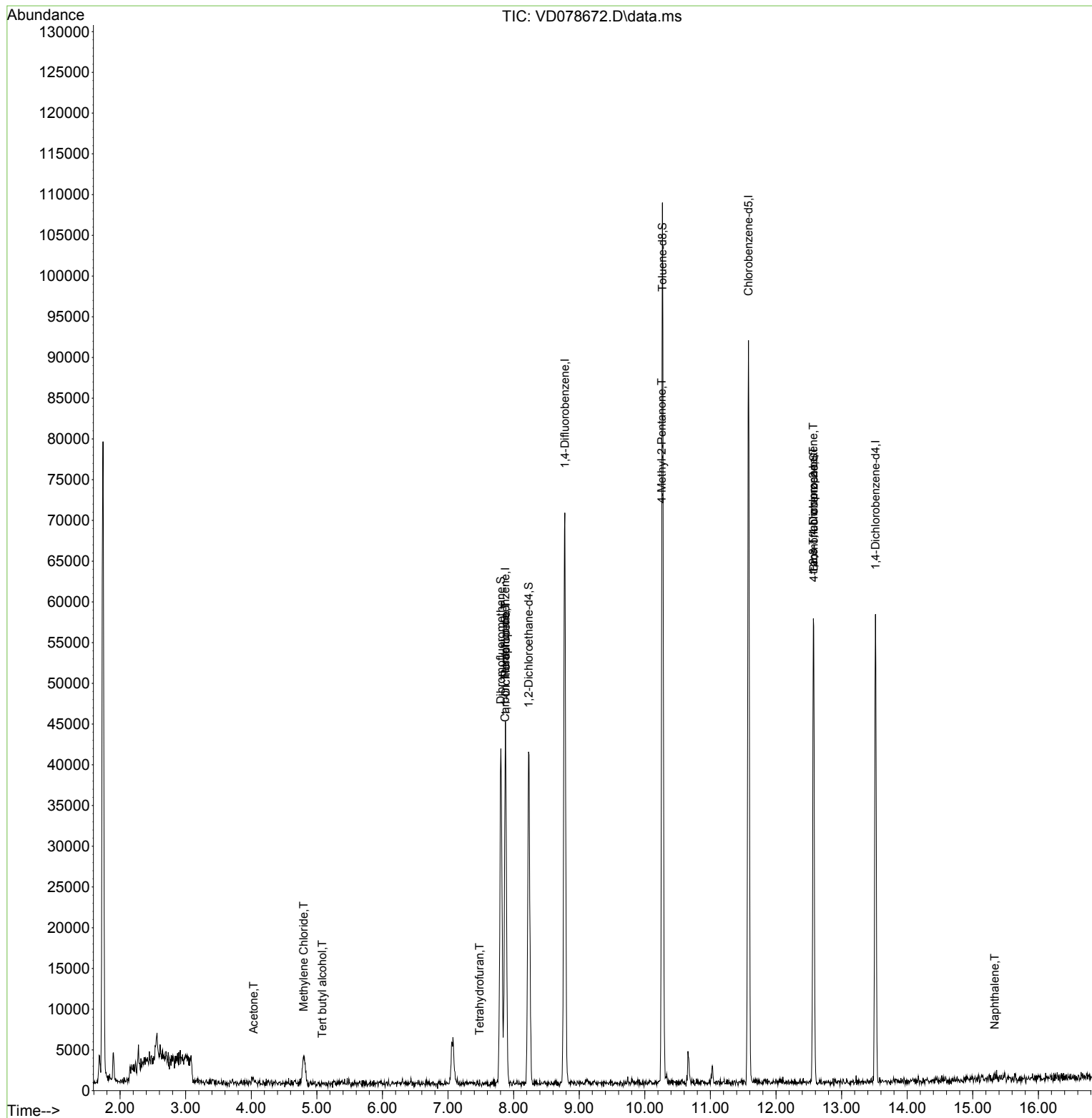
Target Compounds					Qvalue	
11) Tert butyl alcohol	5.081	59	58	4.063	ug/l #	75
16) Acetone	4.034	43	829	13.439	ug/l #	39
20) Methylene Chloride	4.799	84	2792	1.958	ug/l	86
29) Tetrahydrofuran	7.481	42	78	1.749	ug/l #	25
36) 1,1-Dichloropropene	7.881	75	2619	4.368	ug/l #	47
38) Carbon Tetrachloride	7.869	117	3255	5.150	ug/l #	11
51) 4-Methyl-2-Pentanone	10.257	43	311	1.670	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	8752	69.559	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	8752	145.808	ug/l #	19
95) Naphthalene	15.334	128	585	1.190	ug/l #	70

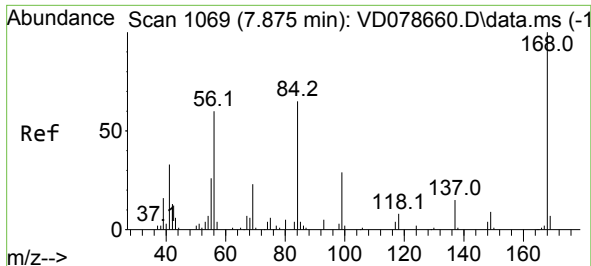
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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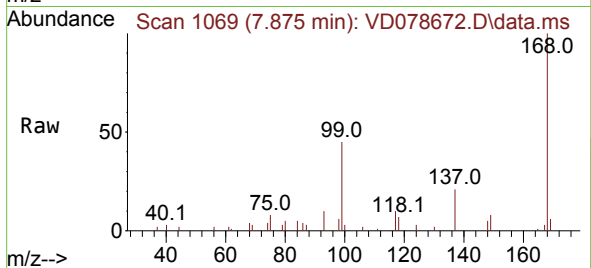
Quant Time: Mar 15 05:51:36 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



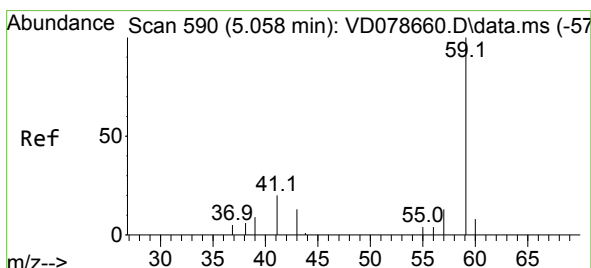
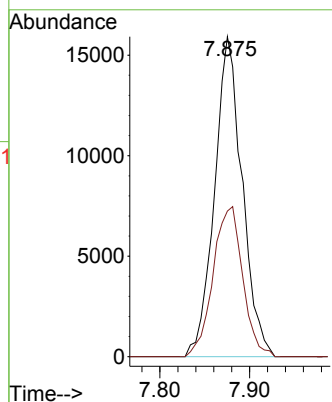
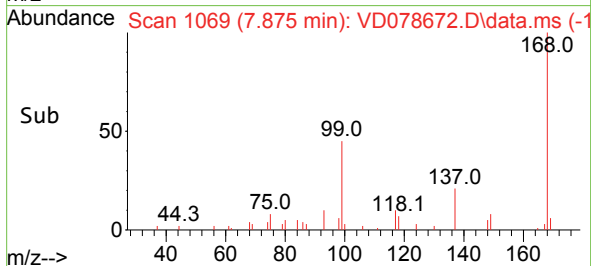


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

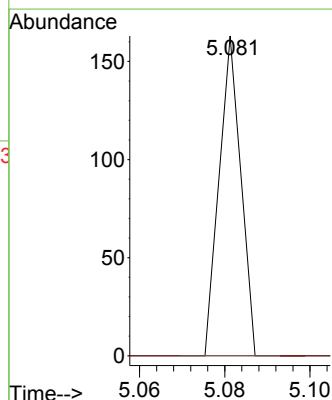
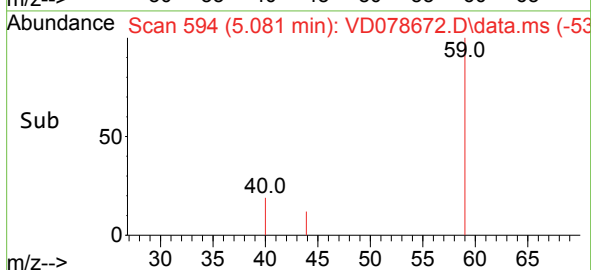
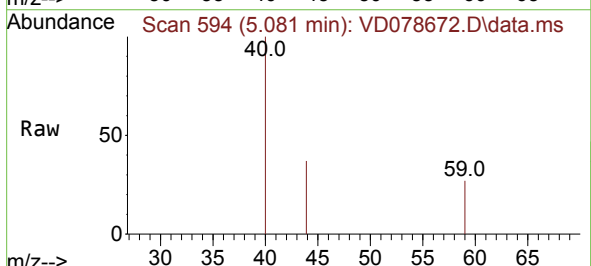


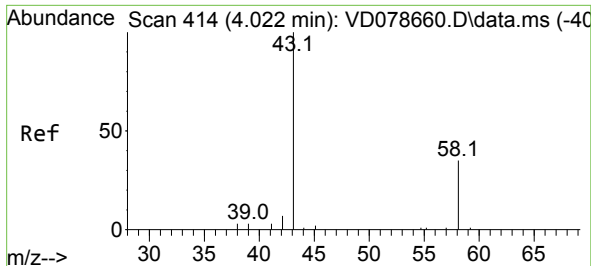
Tgt Ion:168 Resp: 34040
Ion Ratio Lower Upper
168 100
99 45.5 38.8 58.2



#11
Tert butyl alcohol
Concen: 4.063 ug/l
RT: 5.081 min Scan# 594
Delta R.T. 0.024 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 59 Resp: 58
Ion Ratio Lower Upper
59 100
57 0.0 7.4 11.0#

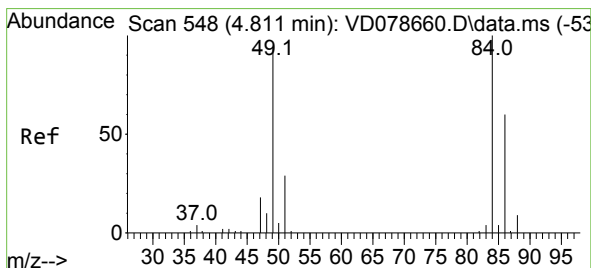
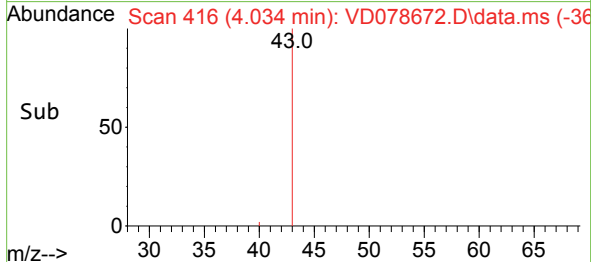
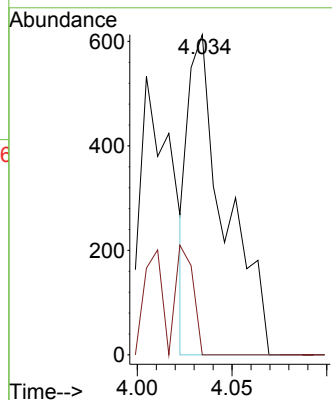
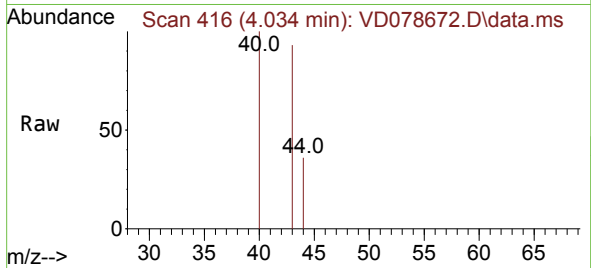




#16
Acetone
Concen: 13.439 ug/l
RT: 4.034 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

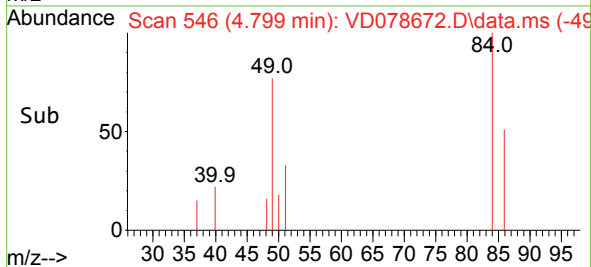
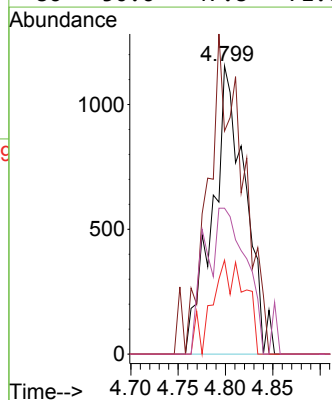
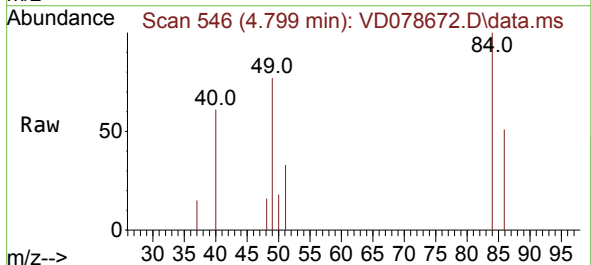
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

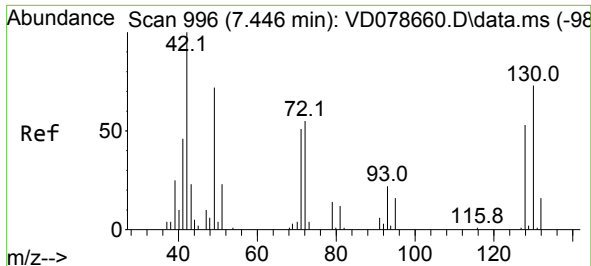
Tgt Ion: 43 Resp: 829
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



#20
Methylene Chloride
Concen: 1.958 ug/l
RT: 4.799 min Scan# 546
Delta R.T. -0.012 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 84 Resp: 2792
Ion Ratio Lower Upper
84 100
49 77.4 75.6 113.4
51 32.6 23.4 35.0
86 50.6 47.8 71.6





#29

Tetrahydrofuran

Concen: 1.749 ug/l

RT: 7.481 min Scan# 1102

Delta R.T. 0.035 min

Lab File: VD078672.D

Acq: 14 Mar 2024 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

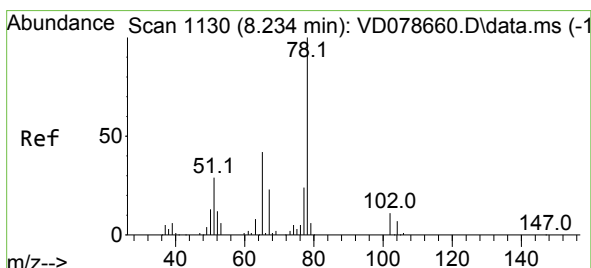
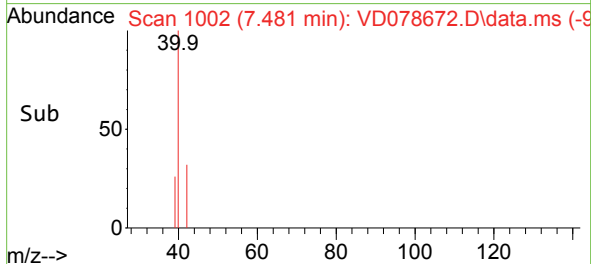
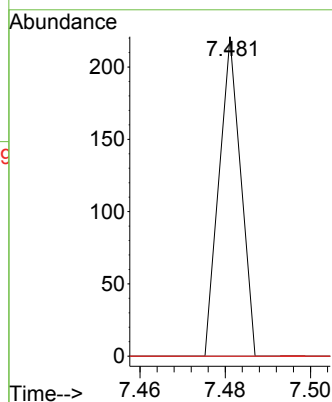
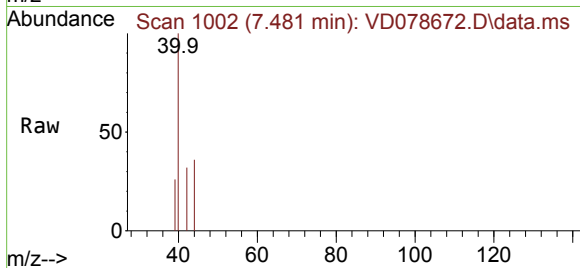
Tgt Ion: 42 Resp: 78

Ion Ratio Lower Upper

42 100

72 0.0 43.8 65.6#

71 0.0 42.0 63.0#



#33

1,2-Dichloroethane-d4

Concen: 96.975 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078672.D

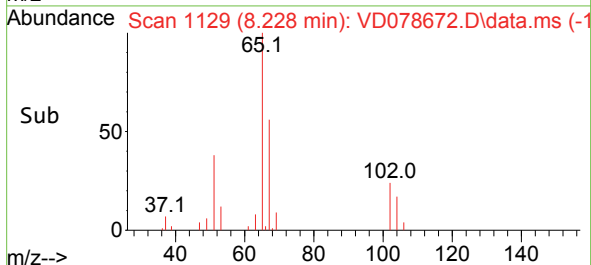
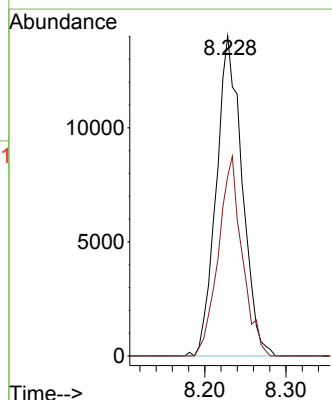
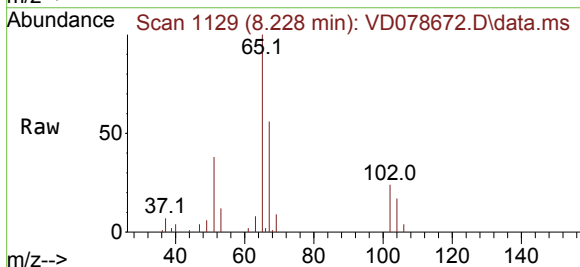
Acq: 14 Mar 2024 17:45

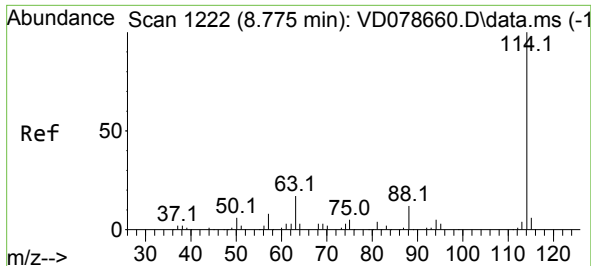
Tgt Ion: 65 Resp: 30936

Ion Ratio Lower Upper

65 100

67 57.7 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: VD078672.D

Acq: 14 Mar 2024 17:45

Instrument :

MSVOA_D

ClientSampleId :

SB-01-4.0-6.0

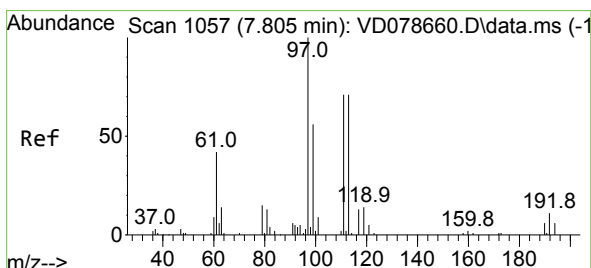
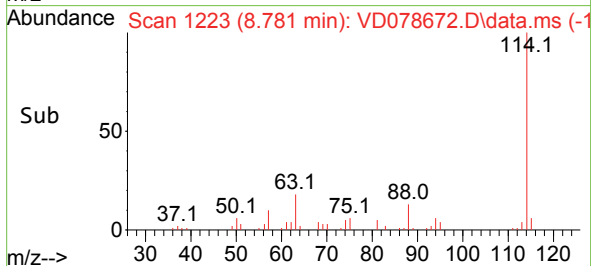
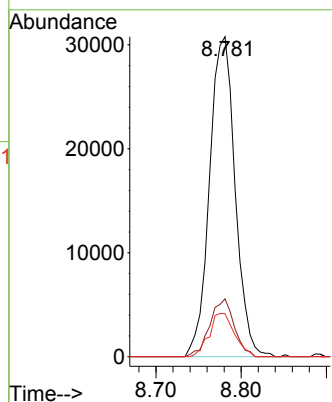
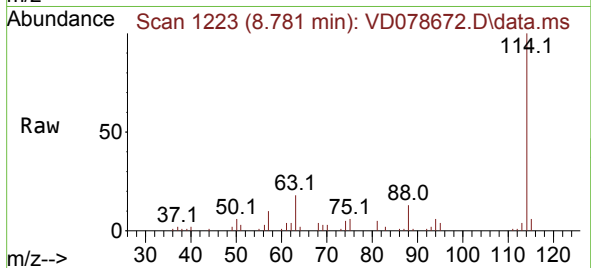
Tgt Ion:114 Resp: 64181

Ion Ratio Lower Upper

114 100

63 18.1 0.0 33.4

88 13.5 0.0 24.6



#35

Dibromofluoromethane

Concen: 71.759 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078672.D

Acq: 14 Mar 2024 17:45

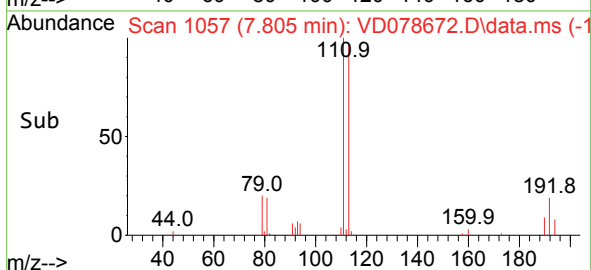
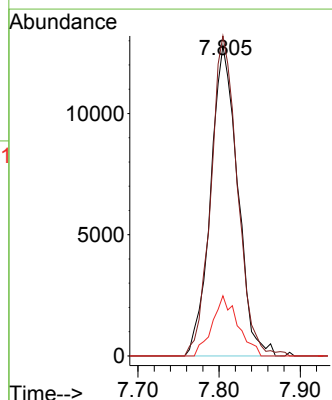
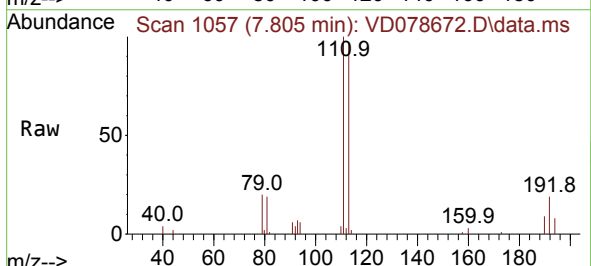
Tgt Ion:113 Resp: 29653

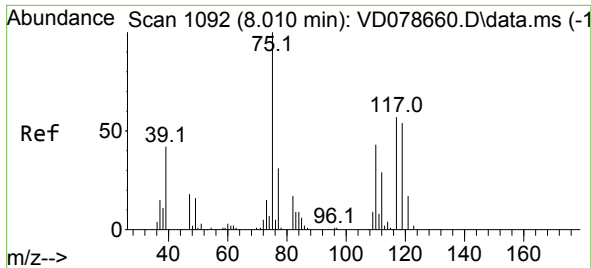
Ion Ratio Lower Upper

113 100

111 101.2 81.9 122.9

192 18.4 15.4 23.0

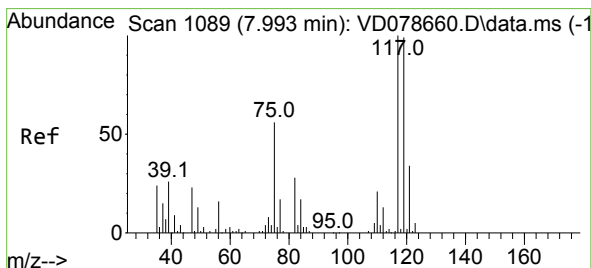
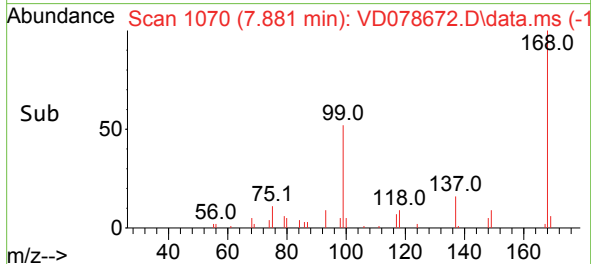
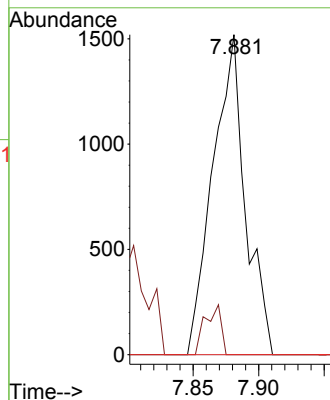
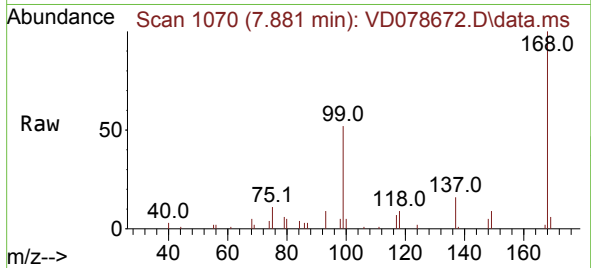




#36
1,1-Dichloropropene
Concen: 4.368 ug/l
RT: 7.881 min Scan# 1068
Delta R.T. -0.129 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

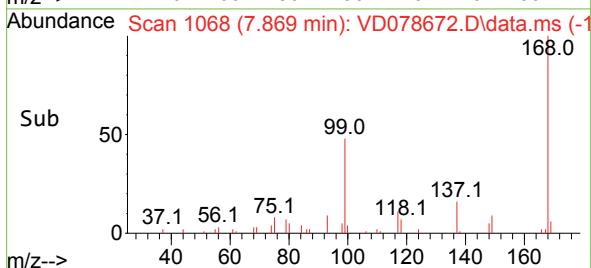
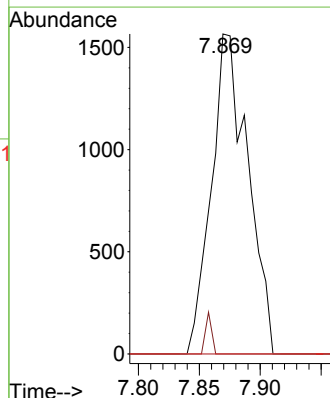
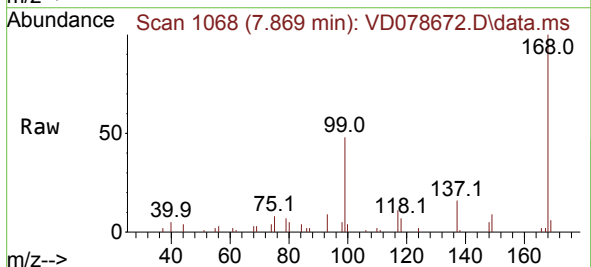
Instrument :
MSVOA_D
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SB-01-4.0-6.0

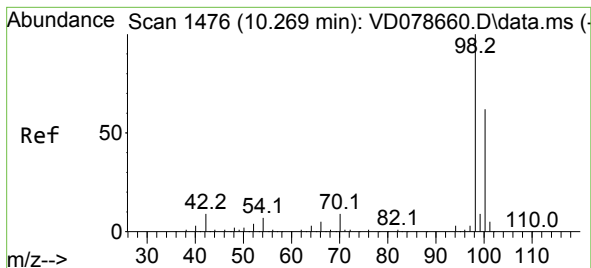
Tgt Ion: 75 Resp: 2619
Ion Ratio Lower Upper
75 100
110 7.8 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.150 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion:117 Resp: 3255
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 50.310 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078672.D

Acq: 14 Mar 2024 17:45

Instrument :

MSVOA_D

ClientSampleId :

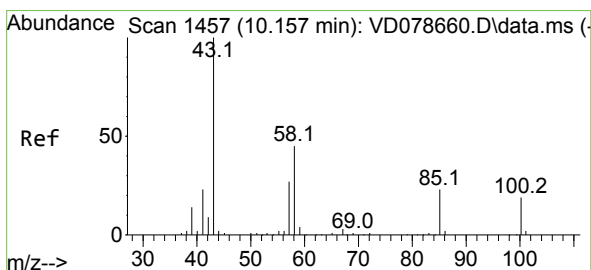
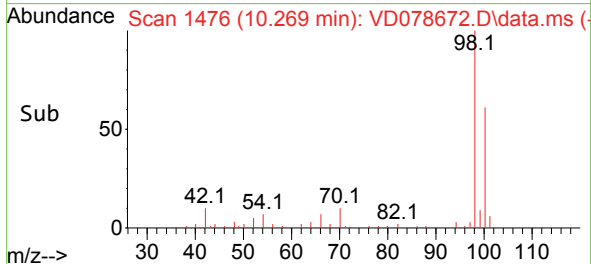
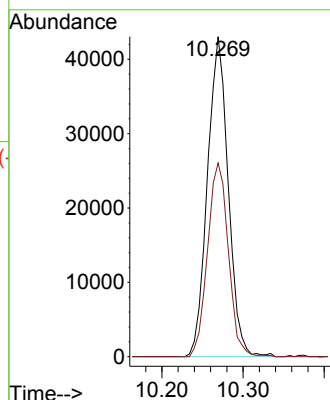
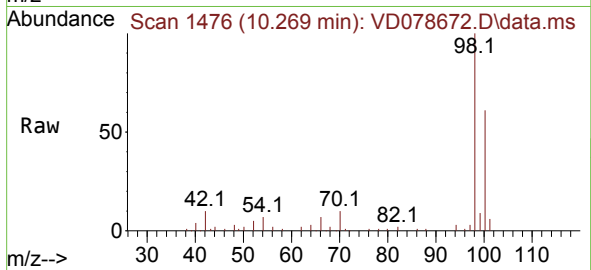
SB-01-4.0-6.0

Tgt Ion: 98 Resp: 76457

Ion Ratio Lower Upper

98 100

100 60.5 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 1.670 ug/l

RT: 10.257 min Scan# 1474

Delta R.T. 0.100 min

Lab File: VD078672.D

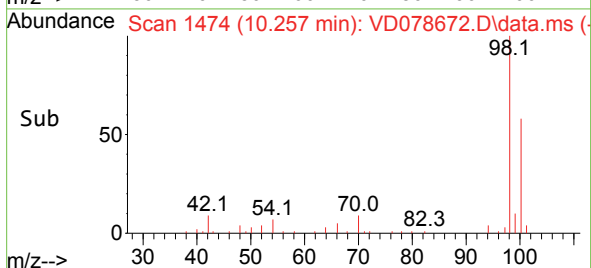
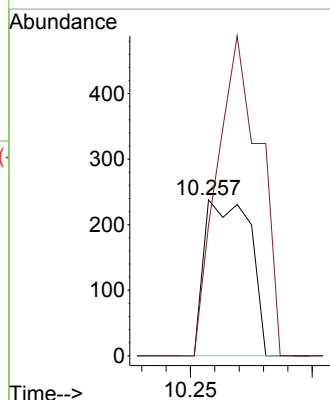
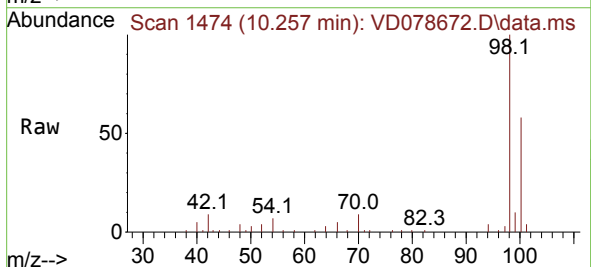
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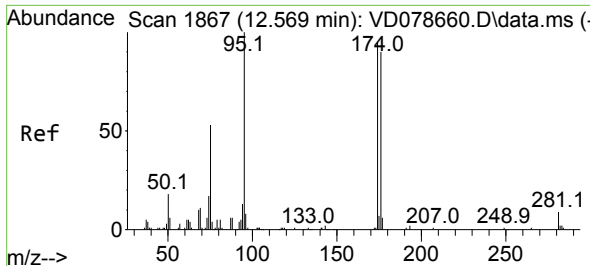
Tgt Ion: 43 Resp: 311

Ion Ratio Lower Upper

43 100

58 191.0 36.4 54.6#

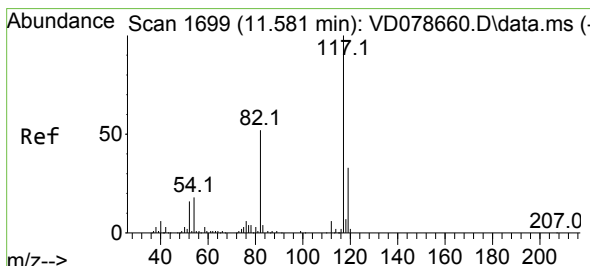
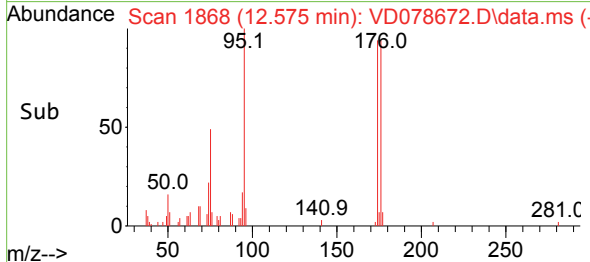
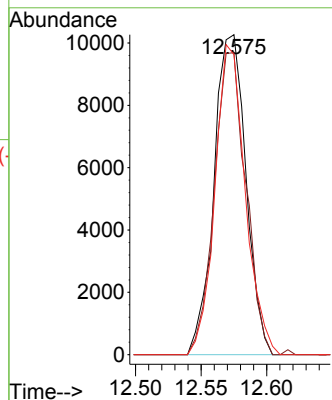
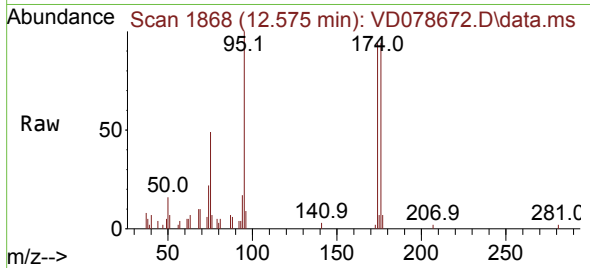




#62
4-Bromofluorobenzene
Concen: 39.037 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

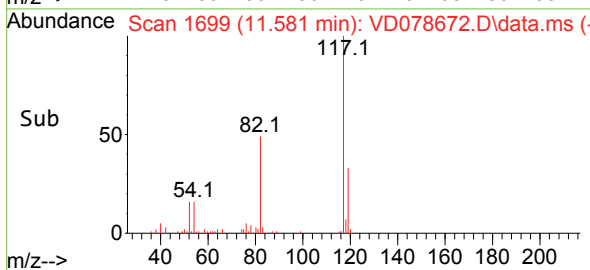
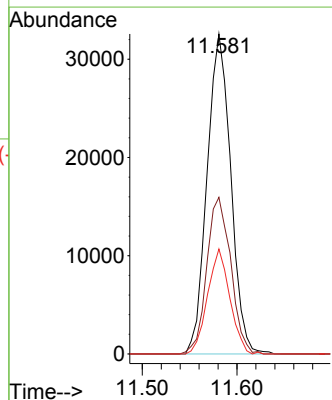
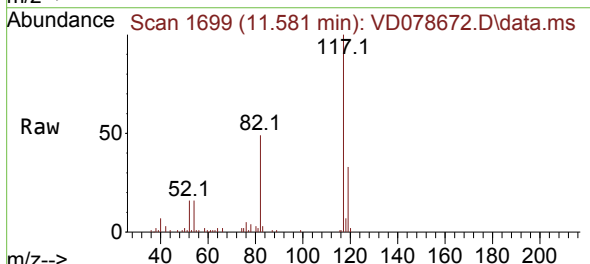
Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

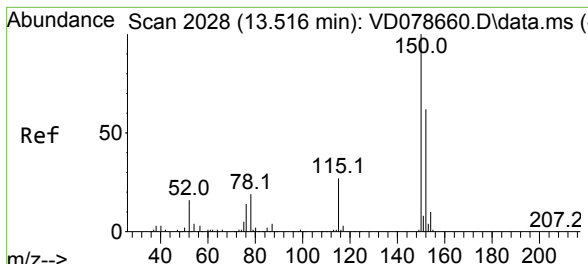
Tgt Ion: 95 Resp: 17356
Ion Ratio Lower Upper
95 100
174 93.2 0.0 195.2
176 91.9 0.0 188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 117 Resp: 56689
Ion Ratio Lower Upper
117 100
82 49.0 41.4 62.2
119 32.8 26.5 39.7

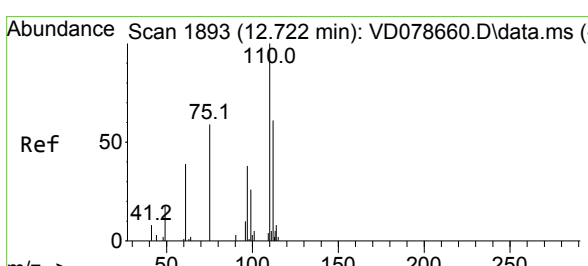
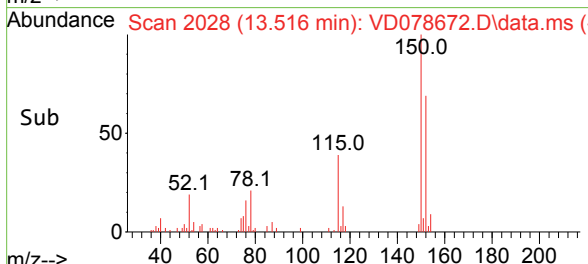
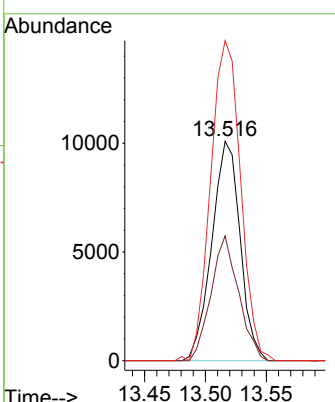
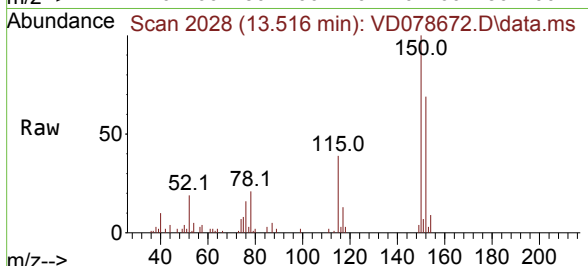




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078672.D
 Acq: 14 Mar 2024 17:45

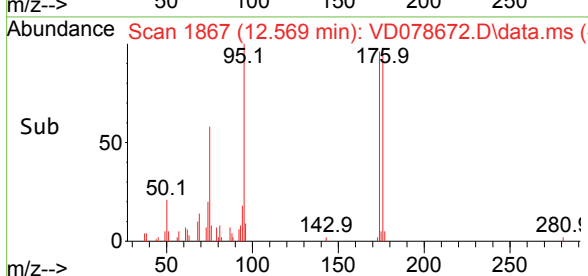
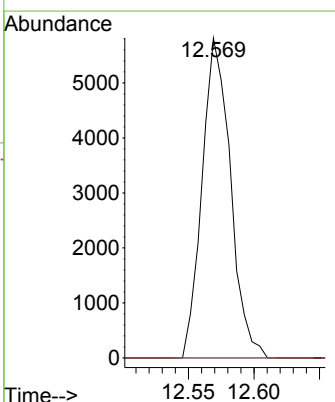
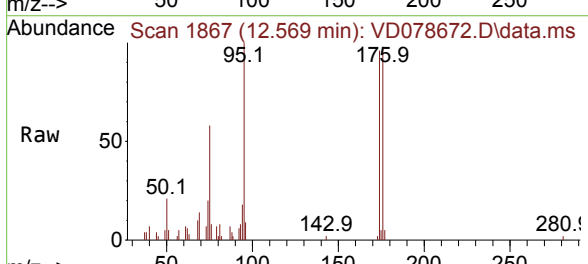
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-4.0-6.0

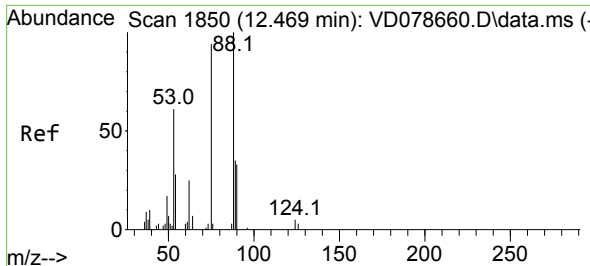
Tgt Ion:	152	Resp:	16331
Ion	Ratio	Lower	Upper
152	100		
115	55.4	27.1	81.2
150	154.3	0.0	350.2



#76
 1,2,3-Trichloropropane
 Concen: 69.559 ug/l
 RT: 12.569 min Scan# 1867
 Delta R.T. -0.153 min
 Lab File: VD078672.D
 Acq: 14 Mar 2024 17:45

Tgt Ion:	75	Resp:	8752
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

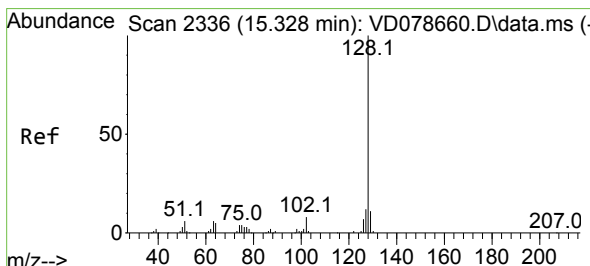
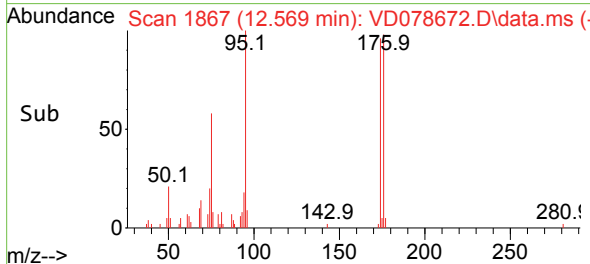
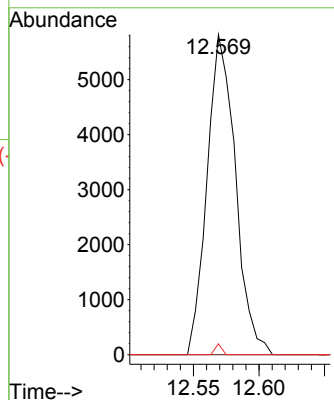
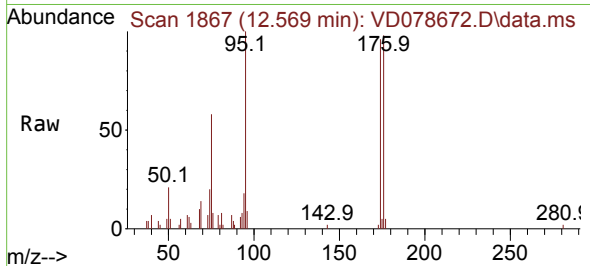




#81
trans-1,4-Dichloro-2-butene
Concen: 145.808 ug/l
RT: 12.569 min Scan# 1850
Delta R.T. 0.100 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Instrument :
MSVOA_D
ClientSampleId :
SB-01-4.0-6.0

Tgt Ion: 75 Resp: 8752
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.8 35.4 53.0#



#95
Naphthalene
Concen: 1.190 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. 0.006 min
Lab File: VD078672.D
Acq: 14 Mar 2024 17:45

Tgt Ion: 128 Resp: 585
Ion Ratio Lower Upper
128 100
127 0.0 9.3 13.9#
129 0.0 8.9 13.3#

