

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078671.D
 Acq On : 14 Mar 2024 17:17
 Operator : RP/MD
 Sample : P1746-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

Quant Time: Mar 15 05:51:17 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)

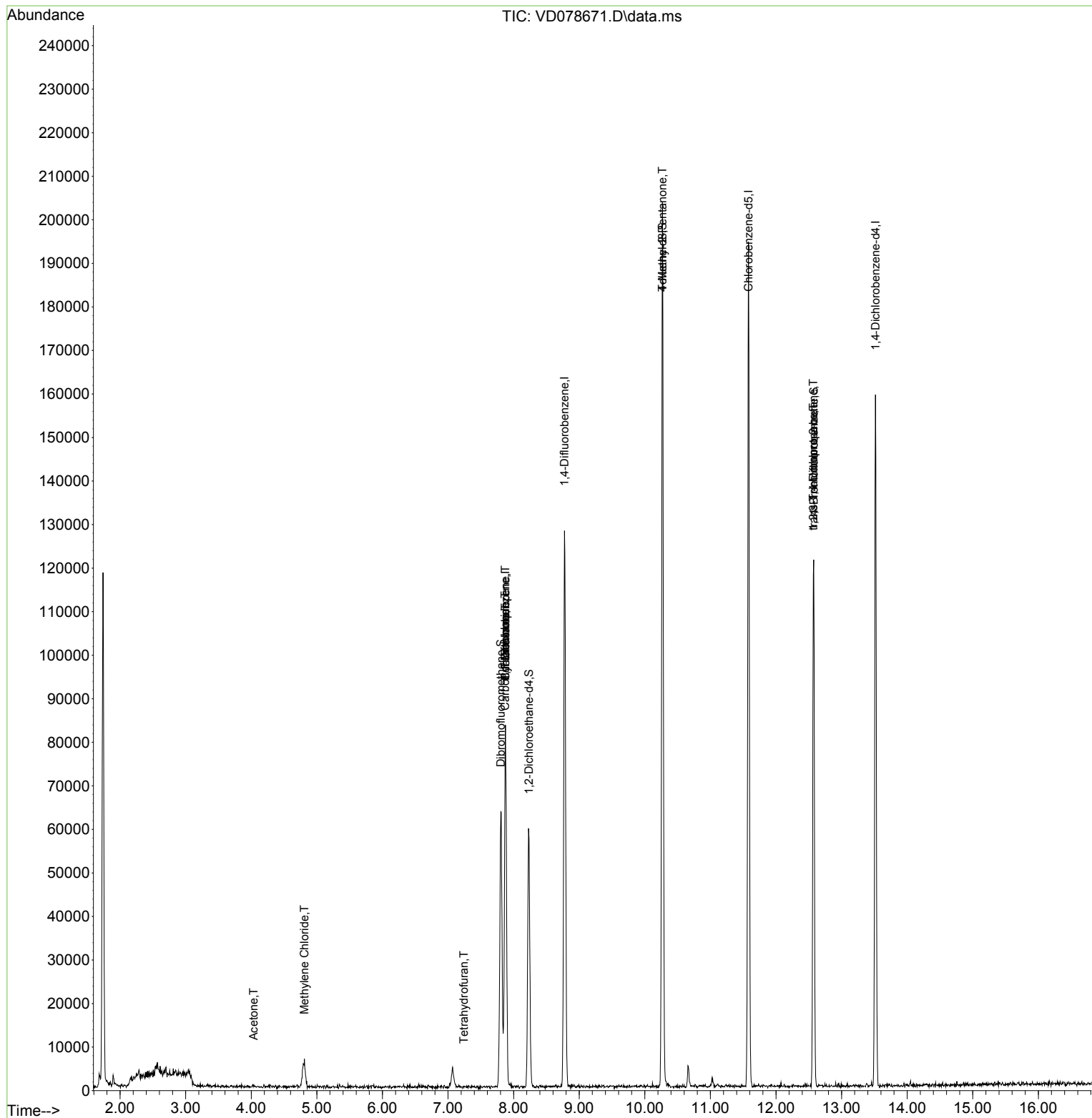
Internal Standards						
1) Pentafluorobenzene	7.875	168	63808	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	118421	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	114043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	44431	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	44782	74.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 149.780%	
35) Dibromofluoromethane	7.805	113	46532	61.029	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 122.060%	
50) Toluene-d8	10.269	98	142475	50.810	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.620%	
62) 4-Bromofluorobenzene	12.575	95	37270	45.432	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 90.860%	
Target Compounds						
					Qvalue	
16) Acetone	4.034	43	634	5.483	ug/l #	39
20) Methylene Chloride	4.811	84	4990	1.616	ug/l #	77
29) Tetrahydrofuran	7.240	42	86	1.028	ug/l #	25
31) Cyclohexane	7.875	56	1309	1.302	ug/l #	58
36) 1,1-Dichloropropene	7.875	75	4925	4.452	ug/l #	42
38) Carbon Tetrachloride	7.869	117	6791	5.823	ug/l #	11
51) 4-Methyl-2-Pentanone	10.269	43	360	1.048	ug/l #	1
76) 1,2,3-Trichloropropane	12.569	75	18764	54.815	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.569	75	18764	114.901	ug/l #	19

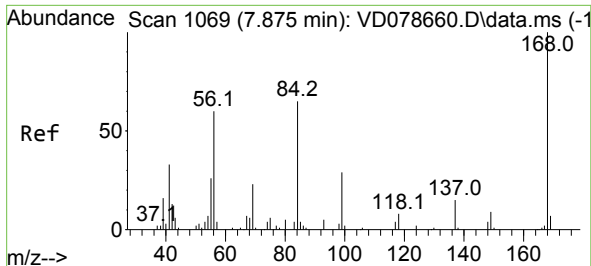
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
Data File : VD078671.D
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Operator : RP/MD
Sample : P1746-01
Misc : 5.01G/5ml/MSVOA_D/SOIL/A
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

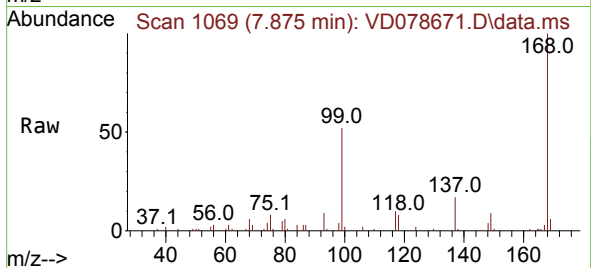
Quant Time: Mar 15 05:51:17 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
Response via : Initial Calibration



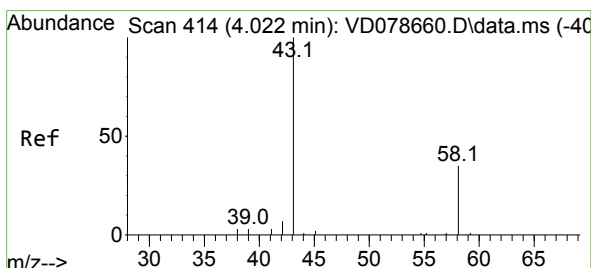
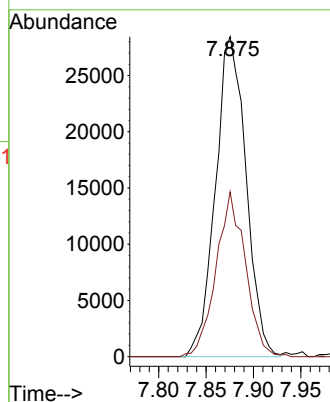
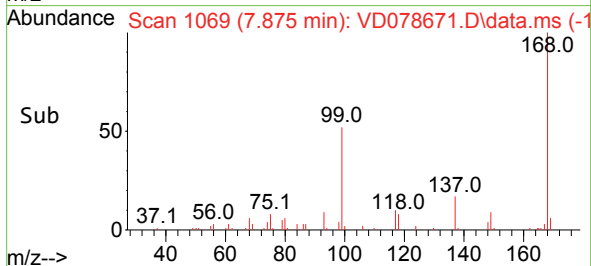


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

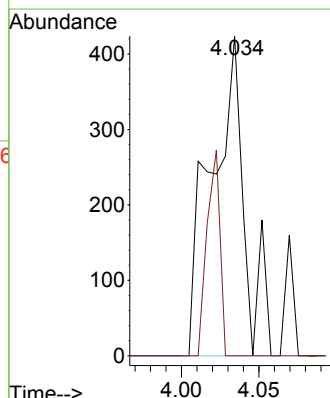
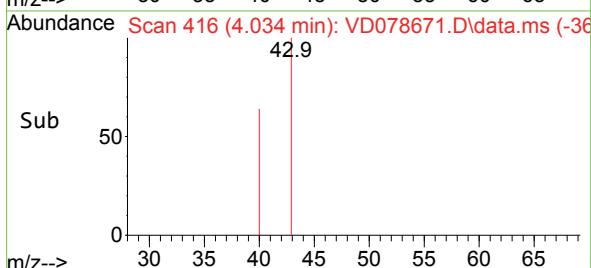
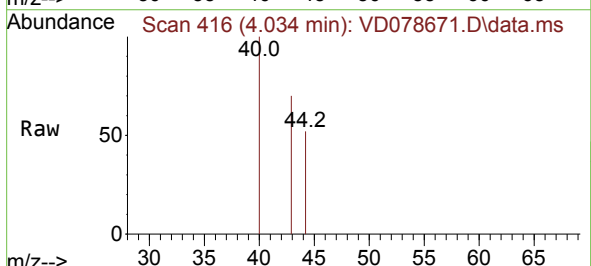


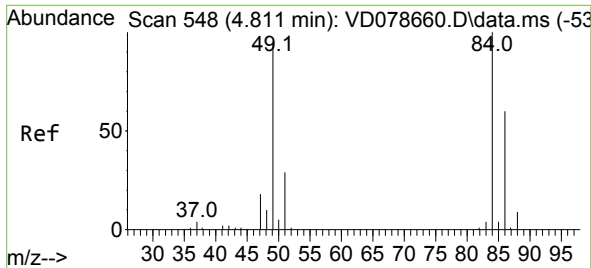
Tgt Ion:168 Resp: 63808
Ion Ratio Lower Upper
168 100
99 51.5 38.8 58.2



#16
Acetone
Concen: 5.483 ug/l
RT: 4.034 min Scan# 416
Delta R.T. 0.012 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 43 Resp: 634
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#

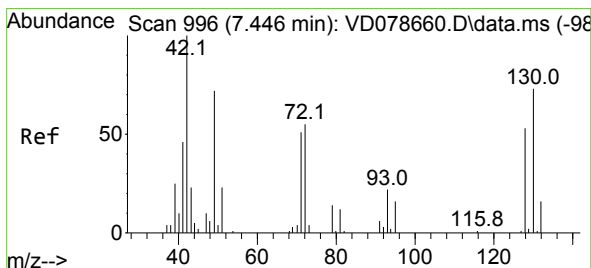
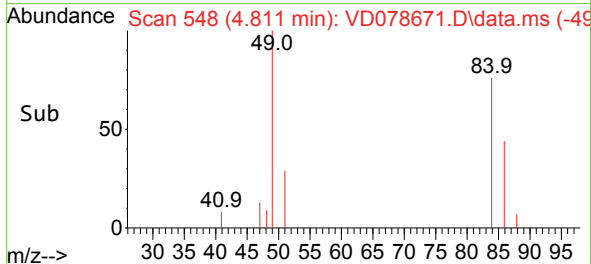
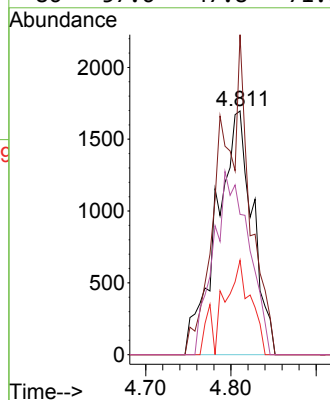
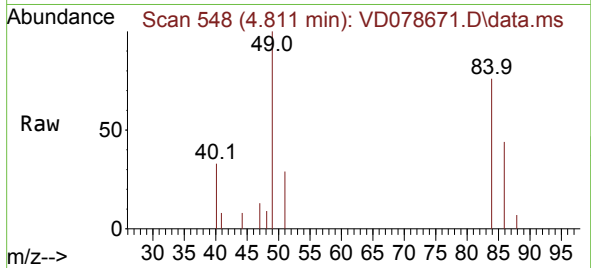




#20
Methylene Chloride
Concen: 1.616 ug/l
RT: 4.811 min Scan# 54
Delta R.T. -0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

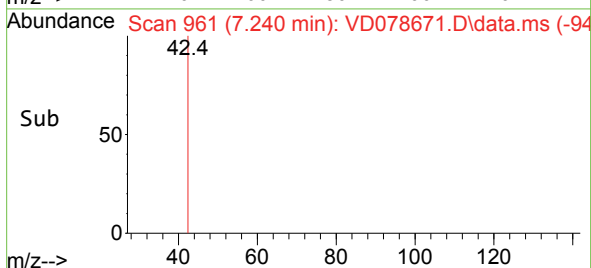
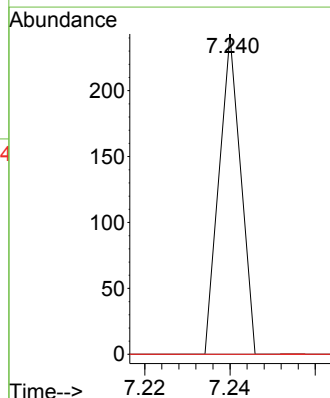
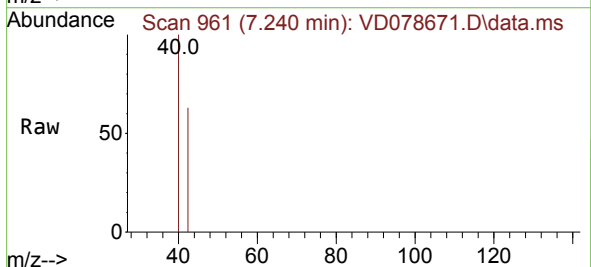
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

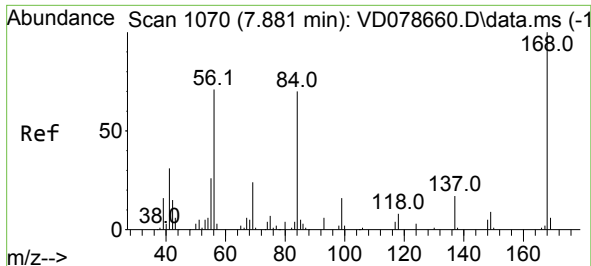
Tgt Ion:	84	Resp:	4990
Ion	Ratio	Lower	Upper
84	100		
49	131.3	75.6	113.4#
51	38.7	23.4	35.0#
86	57.6	47.8	71.6



#29
Tetrahydrofuran
Concen: 1.028 ug/l
RT: 7.240 min Scan# 961
Delta R.T. -0.206 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion:	42	Resp:	86
Ion	Ratio	Lower	Upper
42	100		
72	0.0	43.8	65.6#
71	0.0	42.0	63.0#

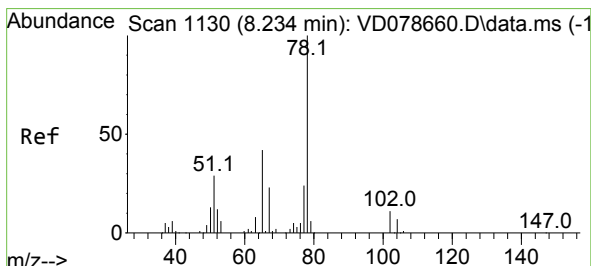
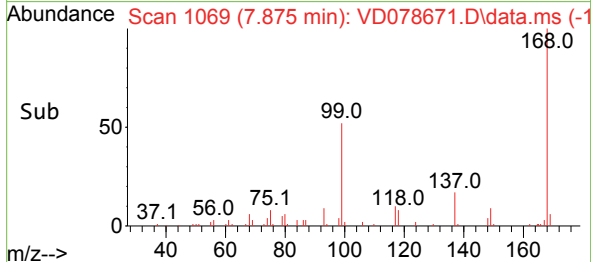
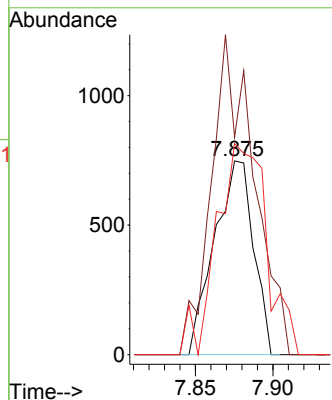
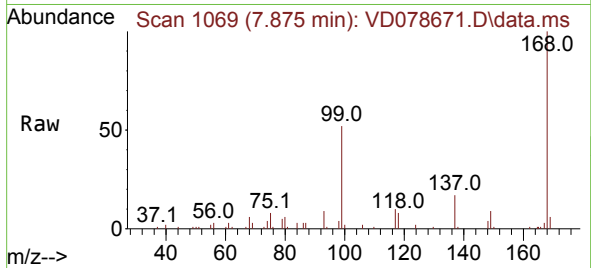




#31
Cyclohexane
Concen: 1.302 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

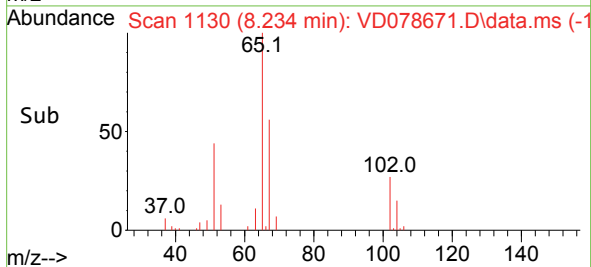
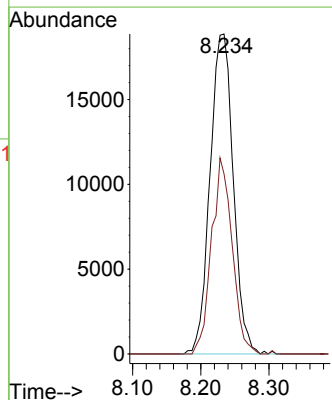
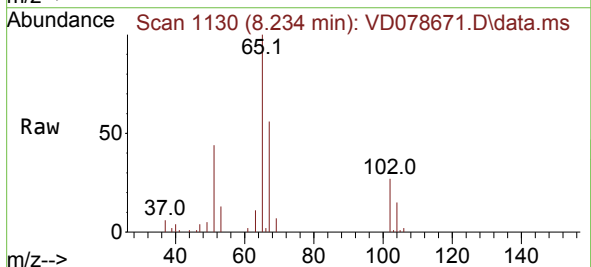
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

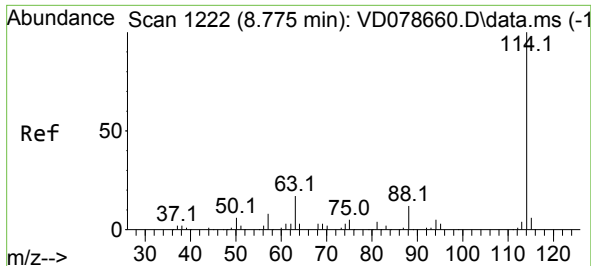
Tgt Ion: 56 Resp: 1309
Ion Ratio Lower Upper
56 100
69 112.2 26.6 40.0#
84 109.0 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 74.888 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 65 Resp: 44782
Ion Ratio Lower Upper
65 100
67 54.5 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. 0.000 min

Lab File: VD078671.D

Acq: 14 Mar 2024 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

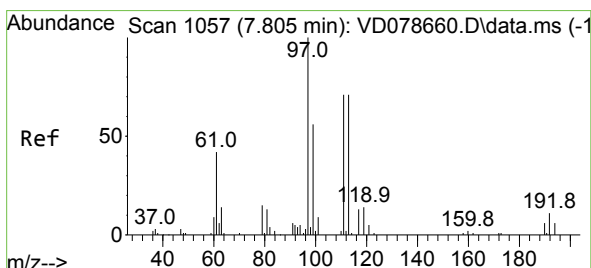
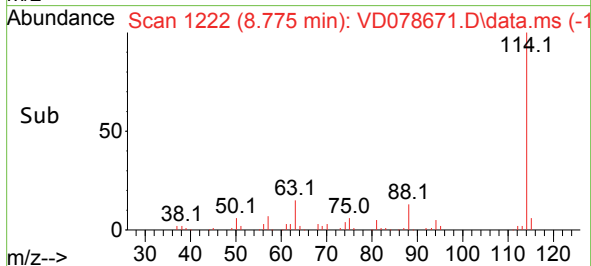
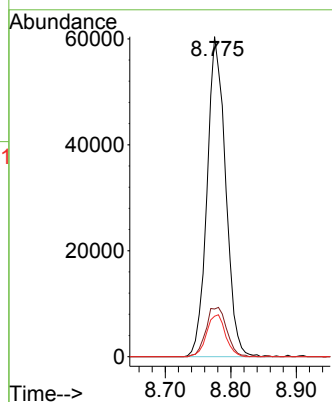
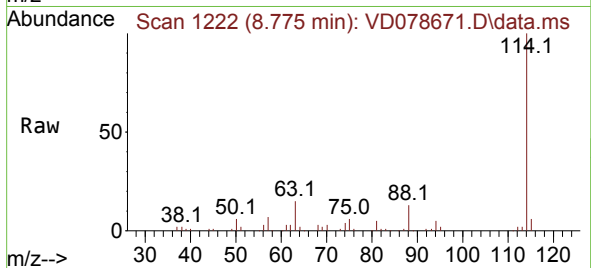
Tgt Ion:114 Resp: 118421

Ion Ratio Lower Upper

114 100

63 14.9 0.0 33.4

88 12.6 0.0 24.6



#35

Dibromofluoromethane

Concen: 61.029 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078671.D

Acq: 14 Mar 2024 17:17

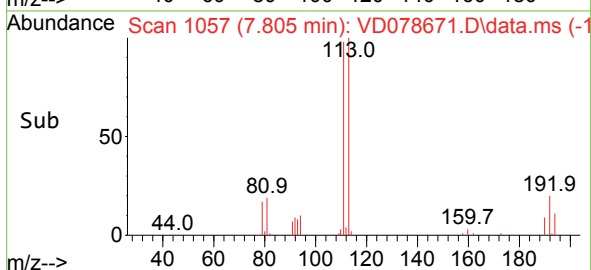
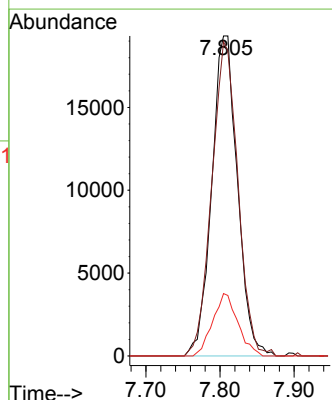
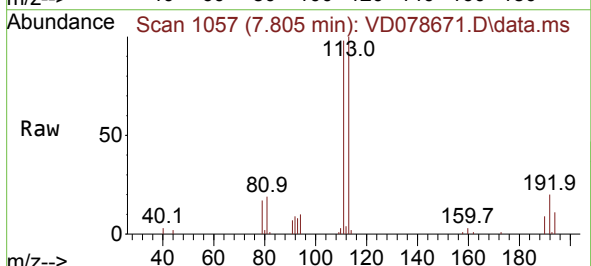
Tgt Ion:113 Resp: 46532

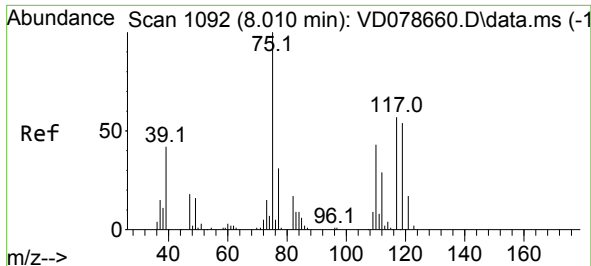
Ion Ratio Lower Upper

113 100

111 99.8 81.9 122.9

192 19.1 15.4 23.0

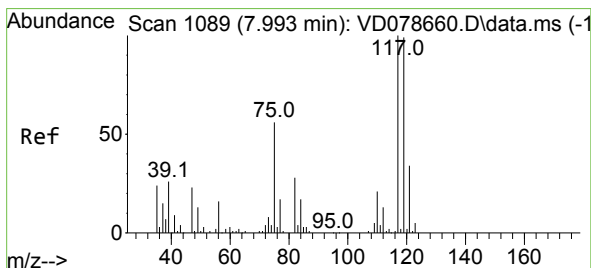
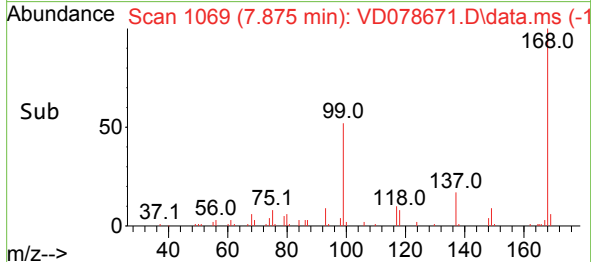
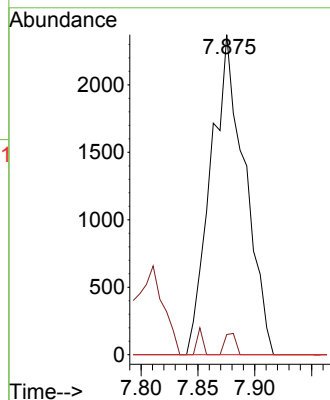
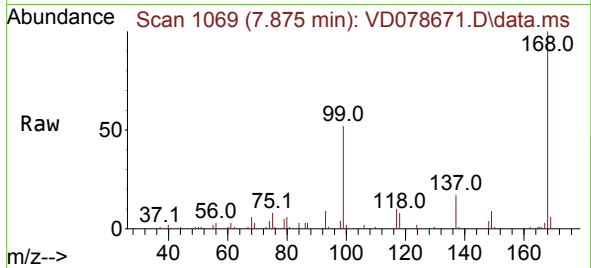




#36
1,1-Dichloropropene
Concen: 4.452 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.135 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

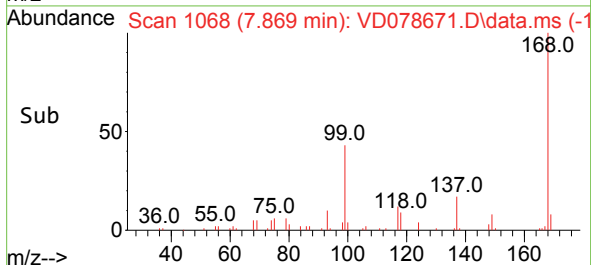
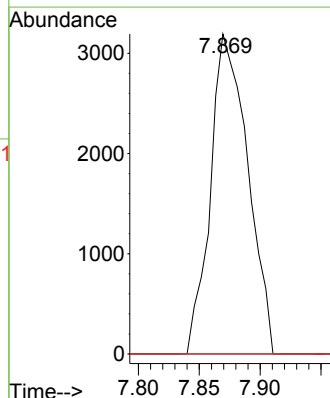
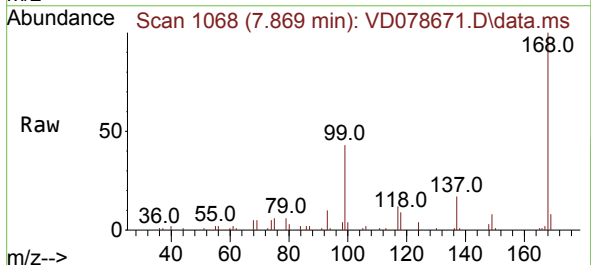
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

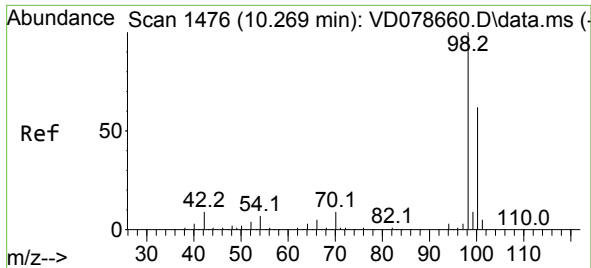
Tgt Ion: 75 Resp: 4925
Ion Ratio Lower Upper
75 100
110 2.2 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.823 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.123 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 117 Resp: 6791
Ion Ratio Lower Upper
117 100
119 0.0 79.2 118.8#
121 0.0 26.8 40.2#

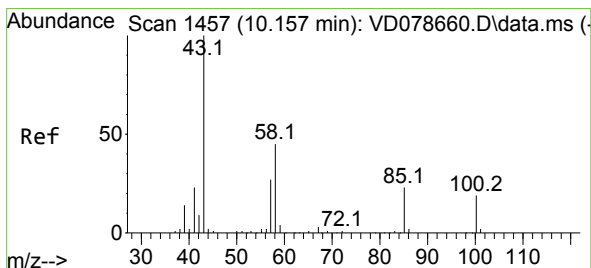
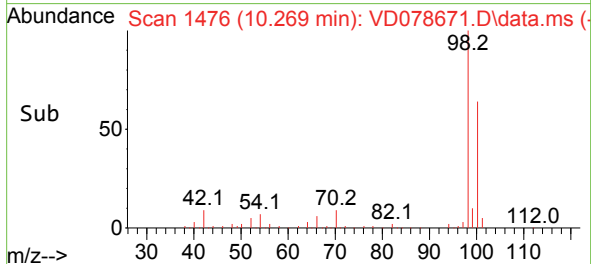
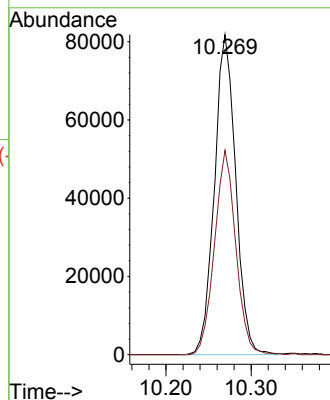
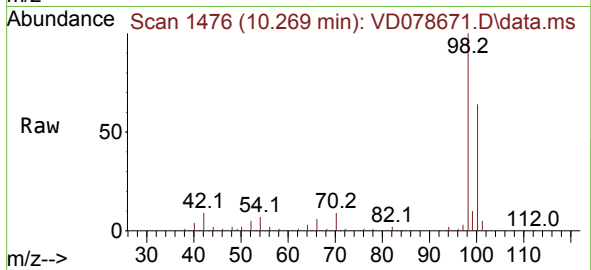




#50
Toluene-d8
Concen: 50.810 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

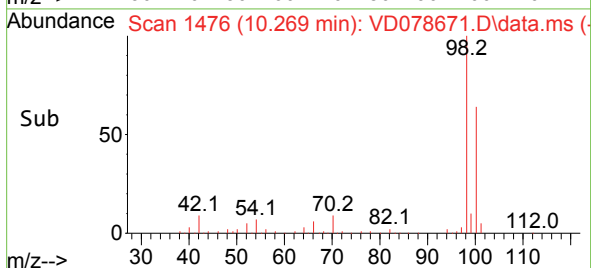
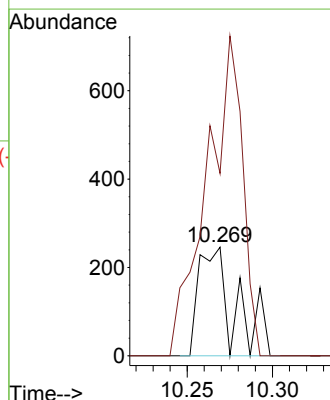
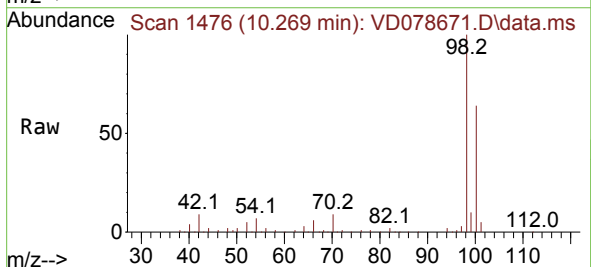
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

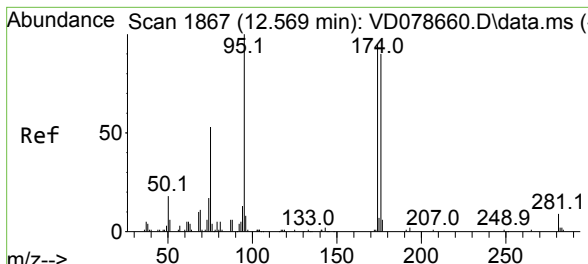
Tgt Ion: 98 Resp: 142475
Ion Ratio Lower Upper
98 100
100 63.9 50.5 75.7



#51
4-Methyl-2-Pentanone
Concen: 1.048 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.112 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Tgt Ion: 43 Resp: 360
Ion Ratio Lower Upper
43 100
58 292.8 36.4 54.6#

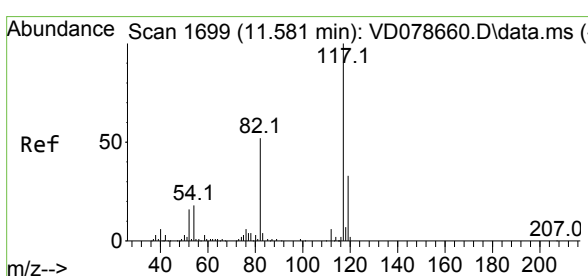
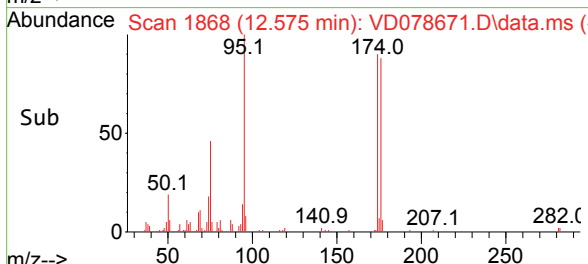
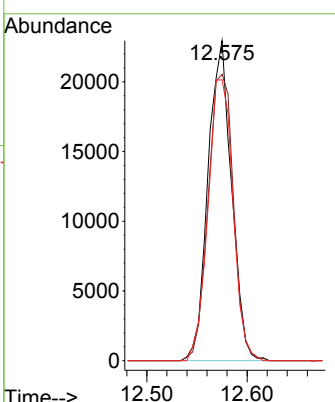
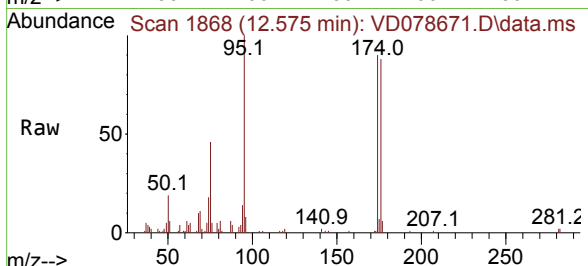




#62
 4-Bromofluorobenzene
 Concen: 45.432 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. 0.006 min
 Lab File: VD078671.D
 Acq: 14 Mar 2024 17:17

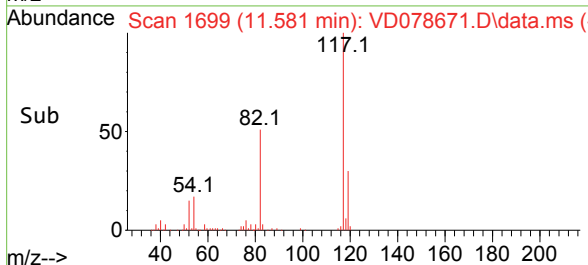
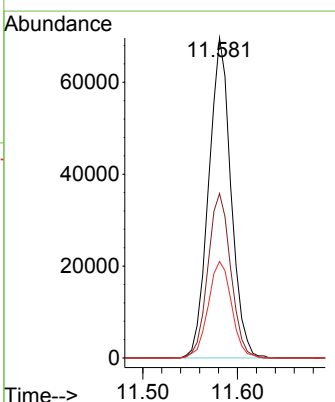
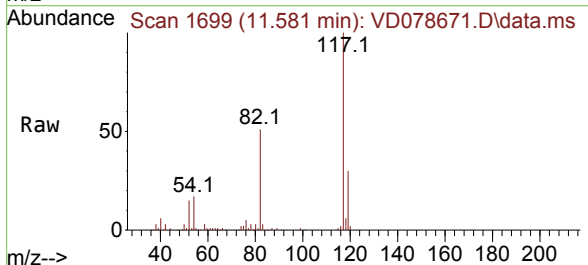
Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0

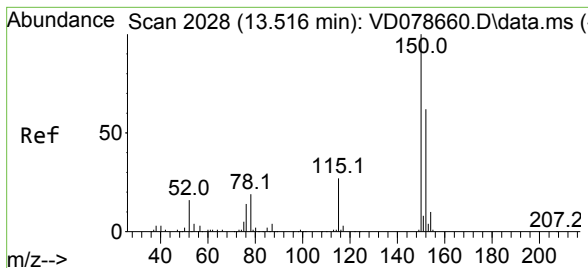
Tgt Ion:	95	Resp:	37270
Ion Ratio	Lower	Upper	
95	100		
174	96.7	0.0	195.2
176	93.3	0.0	188.2



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.581 min Scan# 1699
 Delta R.T. 0.000 min
 Lab File: VD078671.D
 Acq: 14 Mar 2024 17:17

Tgt Ion:	117	Resp:	114043
Ion Ratio	Lower	Upper	
117	100		
82	51.4	41.4	62.2
119	30.1	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: VD078671.D

Acq: 14 Mar 2024 17:17

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0

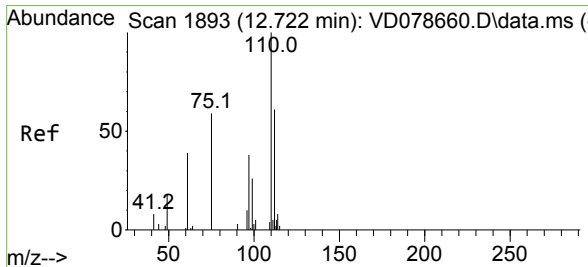
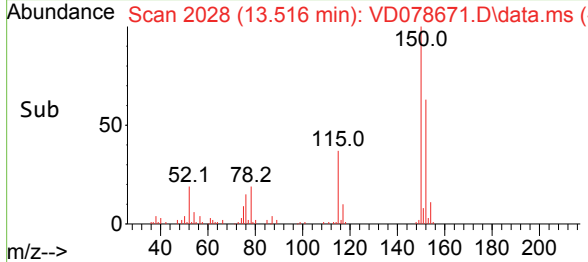
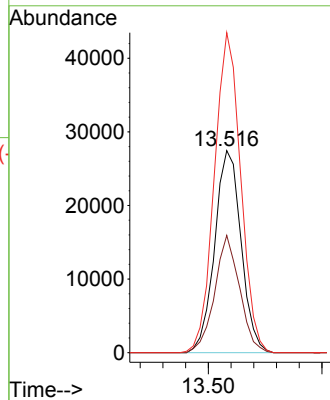
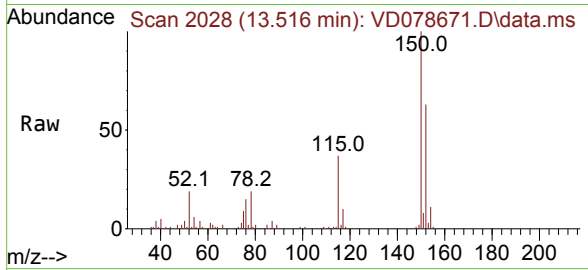
Tgt Ion:152 Resp: 44431

Ion Ratio Lower Upper

152 100

115 54.8 27.1 81.2

150 157.5 0.0 350.2



#76

1,2,3-Trichloropropane

Concen: 54.815 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. -0.153 min

Lab File: VD078671.D

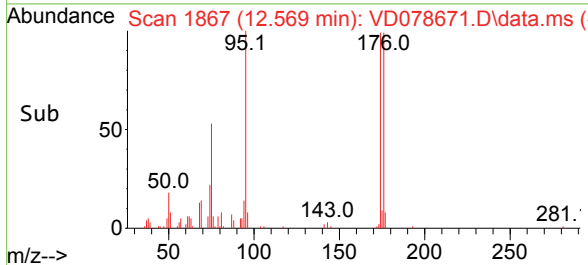
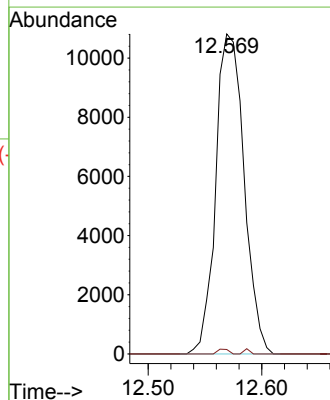
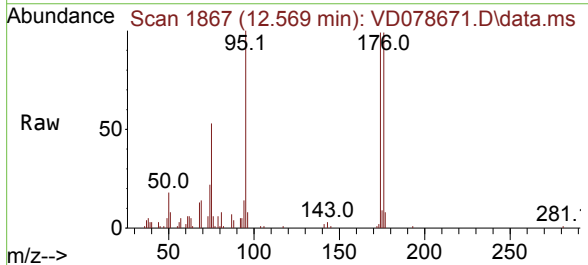
Acq: 14 Mar 2024 17:17

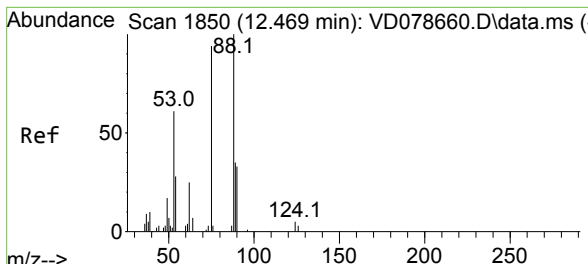
Tgt Ion: 75 Resp: 18764

Ion Ratio Lower Upper

75 100

77 0.6 0.0 0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 114.901 ug/l
RT: 12.569 min Scan# 11
Delta R.T. 0.100 min
Lab File: VD078671.D
Acq: 14 Mar 2024 17:17

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0

Tgt Ion:	75	Resp:	18764
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.0	35.4	53.0#

