

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031824\
 Data File : VD078695.D
 Acq On : 18 Mar 2024 14:29
 Operator : RP/MD
 Sample : P1746-13RE
 Misc : 5.00G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-04-4.0-6.0

Quant Time: Mar 19 01:26:59 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

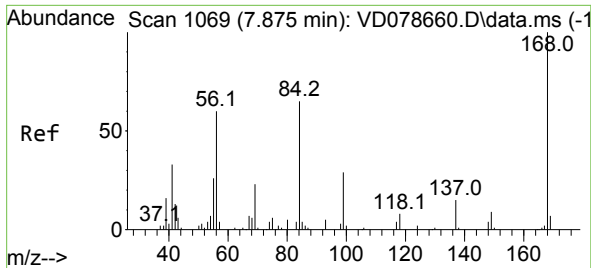
Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.881	168	90551	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	164815	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	151171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	52701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	51718	60.944	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	121.880%
35) Dibromofluoromethane	7.805	113	58676	55.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	110.580%
50) Toluene-d8	10.269	98	200976	51.498	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.575	95	47075	41.231	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	82.460%
Target Compounds						
					Qvalue	
16) Acetone	4.016	43	305	1.859	ug/l #	39
20) Methylene Chloride	4.816	84	5386	Below Cal	#	81
31) Cyclohexane	7.881	56	1949	1.366	ug/l #	5
36) 1,1-Dichloropropene	7.881	75	6969	4.526	ug/l #	46
38) Carbon Tetrachloride	7.875	117	9018	5.556	ug/l #	15
51) 4-Methyl-2-Pentanone	10.269	43	585	1.223	ug/l #	1
71) Bromoform	12.569	173	754	1.206	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	24604	60.597	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	24604	127.020	ug/l #	19

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

Quant Time: Mar 19 01:26:59 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:38:03 2024
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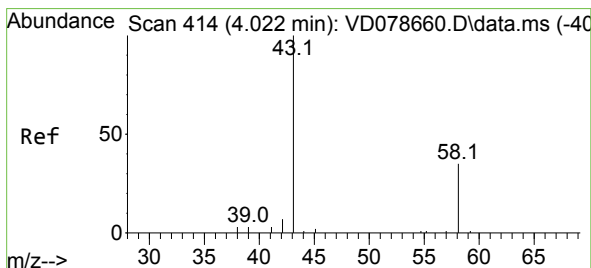
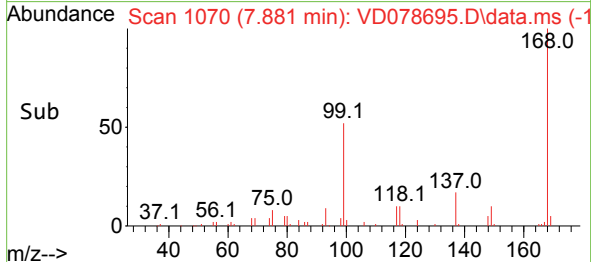
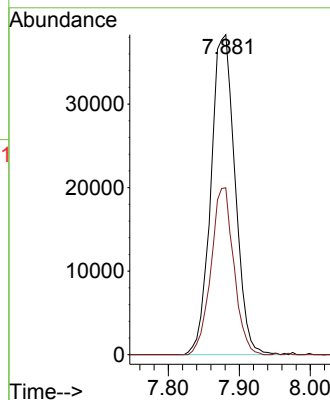
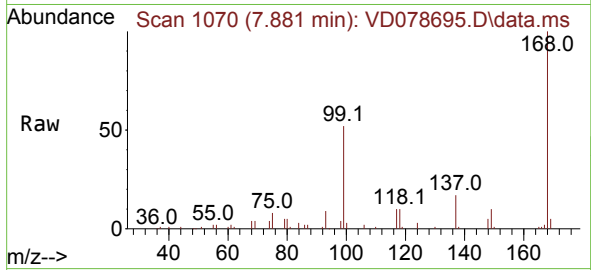




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

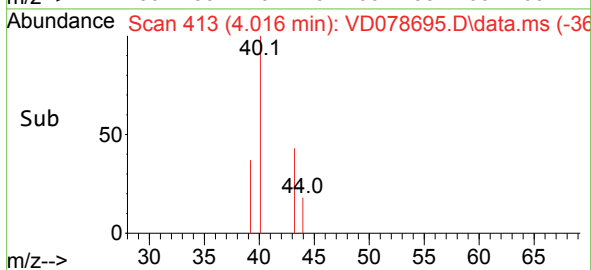
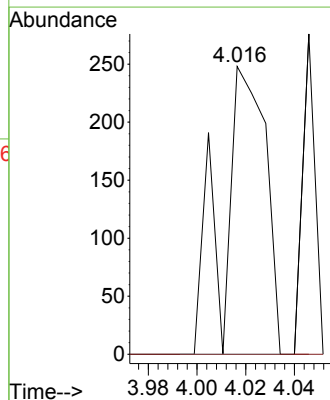
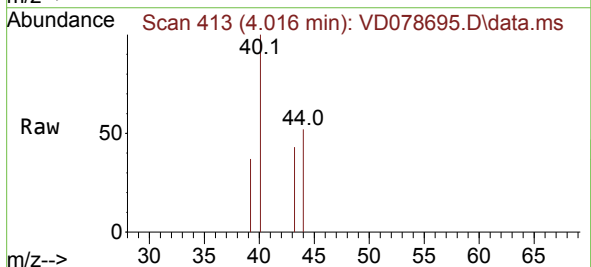
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-6.0

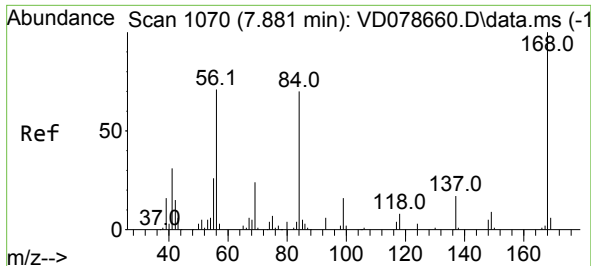
Tgt Ion:168 Resp: 90551
Ion Ratio Lower Upper
168 100
99 52.1 38.8 58.2



#16
Acetone
Concen: 1.859 ug/l
RT: 4.016 min Scan# 413
Delta R.T. -0.006 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

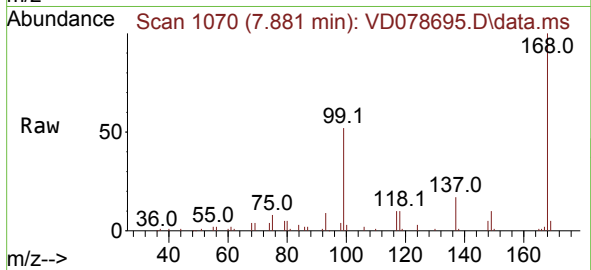
Tgt Ion: 43 Resp: 305
Ion Ratio Lower Upper
43 100
58 0.0 28.2 42.4#



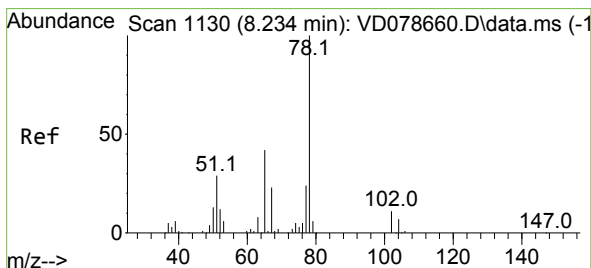
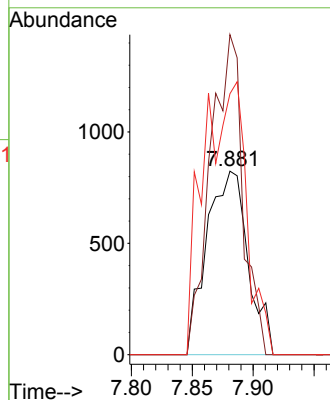
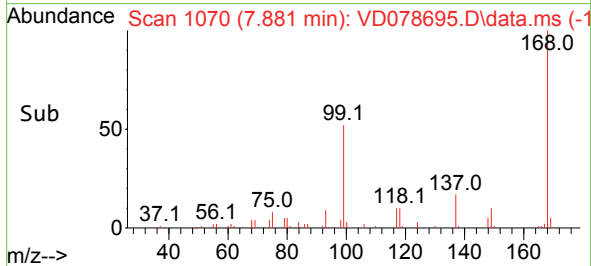


#31
Cyclohexane
Concen: 1.366 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-6.0

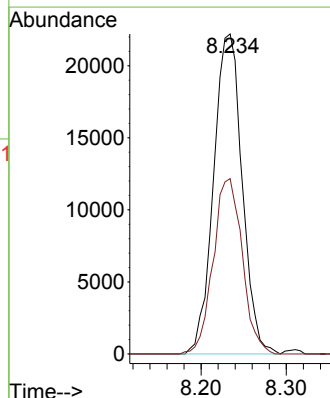
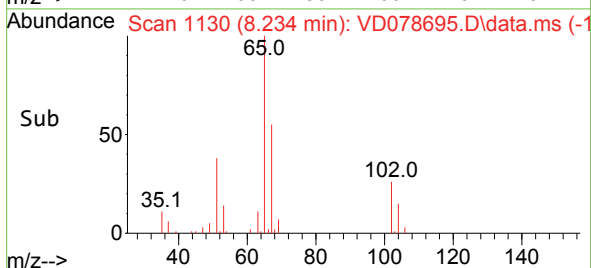
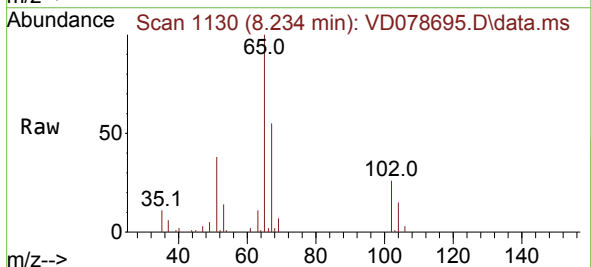


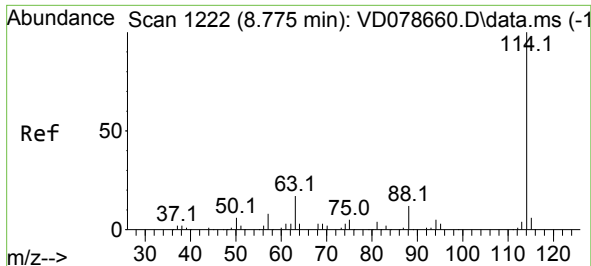
Tgt Ion: 56 Resp: 1949
Ion Ratio Lower Upper
56 100
69 174.4 26.6 40.0#
84 142.2 79.4 119.2#



#33
1,2-Dichloroethane-d4
Concen: 60.944 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

Tgt Ion: 65 Resp: 51718
Ion Ratio Lower Upper
65 100
67 55.7 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: VD078695.D

Acq: 18 Mar 2024 14:29

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-6.0

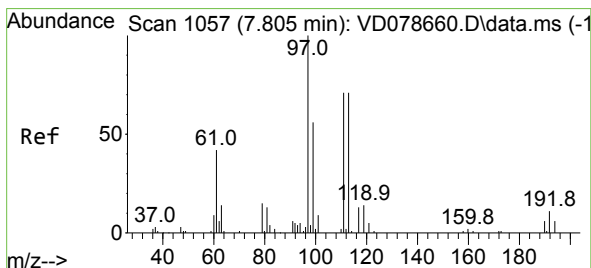
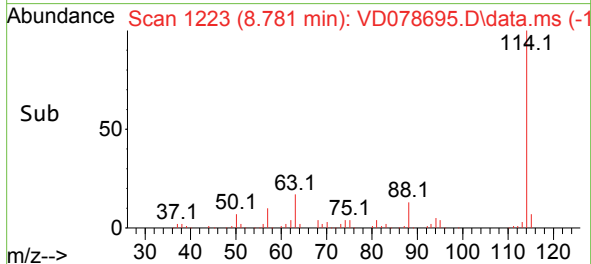
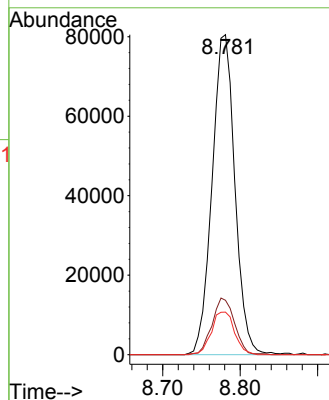
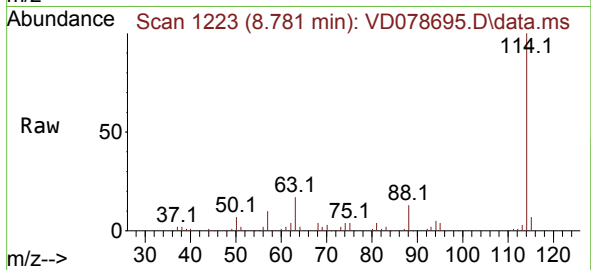
Tgt Ion:114 Resp: 164815

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.4

88 13.3 0.0 24.6



#35

Dibromofluoromethane

Concen: 55.294 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

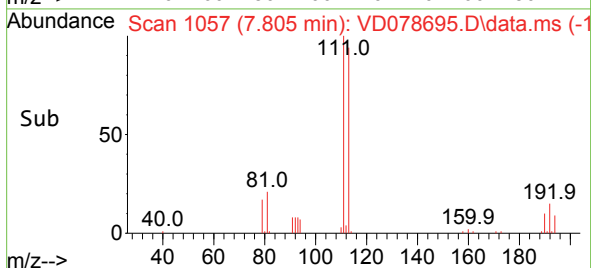
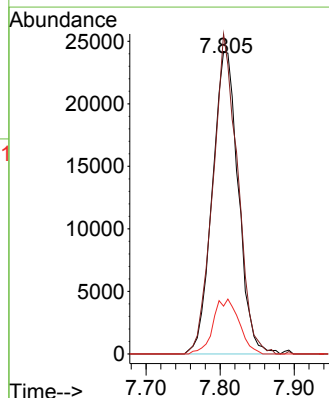
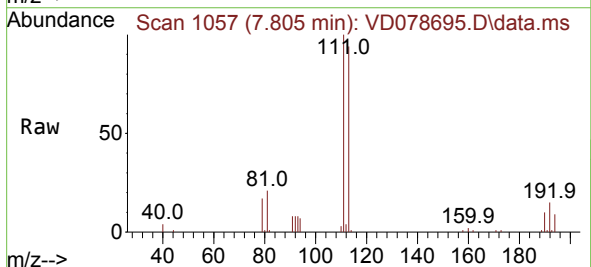
Tgt Ion:113 Resp: 58676

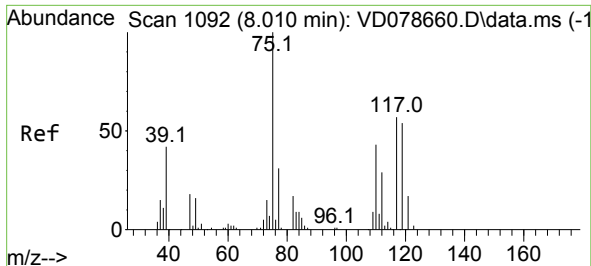
Ion Ratio Lower Upper

113 100

111 101.1 81.9 122.9

192 18.2 15.4 23.0





#36

1,1-Dichloropropene

Concen: 4.526 ug/l

RT: 7.881 min Scan# 1069

Delta R.T. -0.129 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-6.0

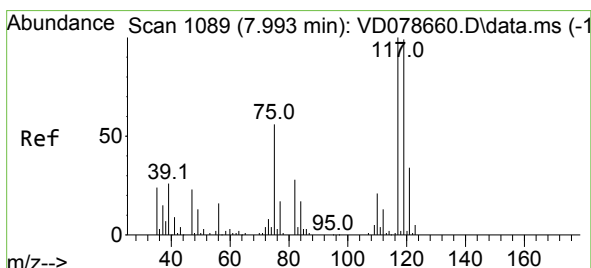
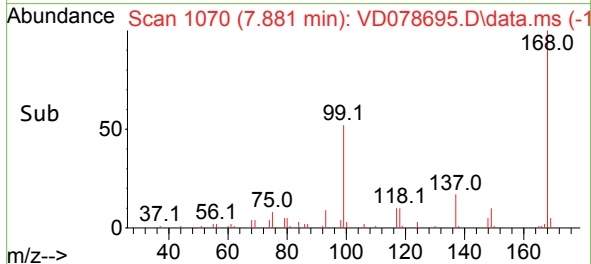
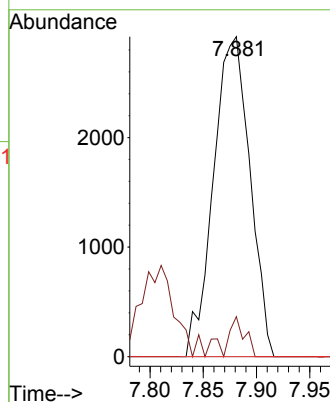
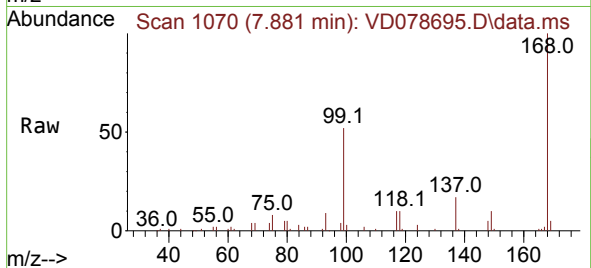
Tgt Ion: 75 Resp: 6969

Ion Ratio Lower Upper

75 100

110 6.7 19.1 57.1#

77 0.0 25.4 38.2#



#38

Carbon Tetrachloride

Concen: 5.556 ug/l

RT: 7.875 min Scan# 1069

Delta R.T. -0.118 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

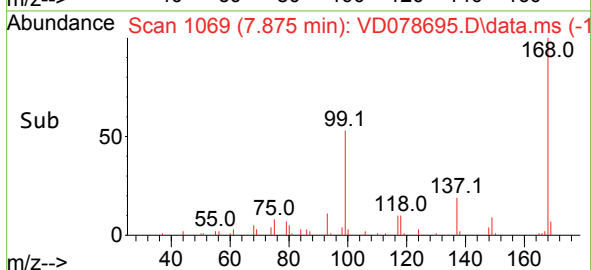
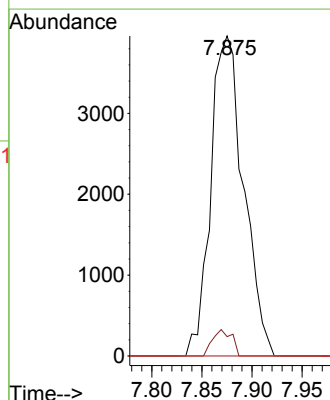
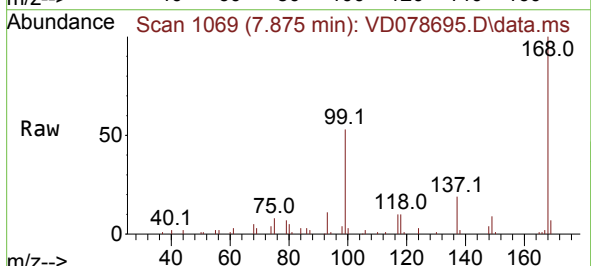
Tgt Ion: 117 Resp: 9018

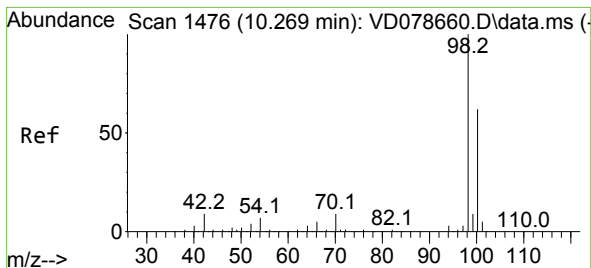
Ion Ratio Lower Upper

117 100

119 6.1 79.2 118.8#

121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 51.498 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

Instrument :

MSVOA_D

ClientSampleId :

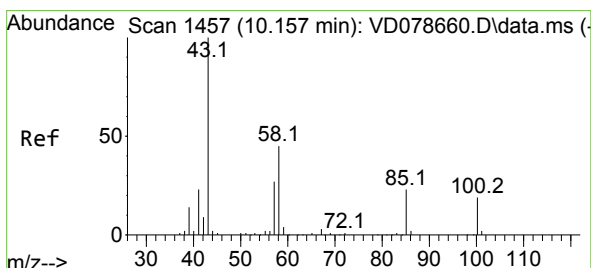
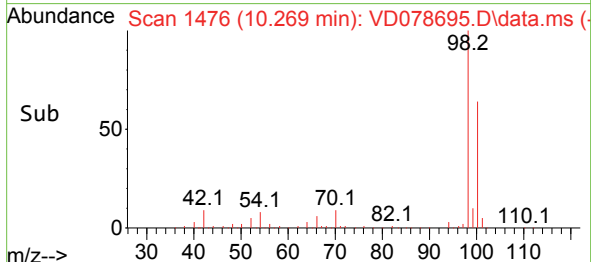
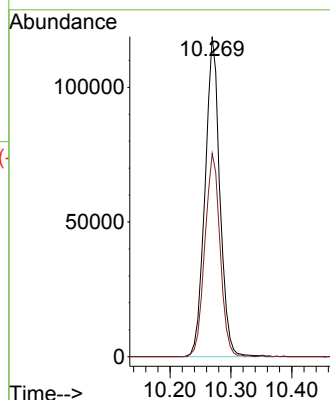
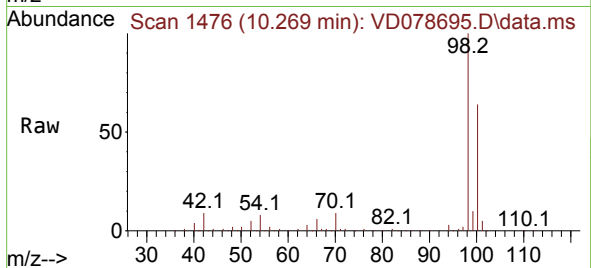
SB-04-4.0-6.0

Tgt Ion: 98 Resp: 200976

Ion Ratio Lower Upper

98 100

100 65.0 50.5 75.7



#51

4-Methyl-2-Pentanone

Concen: 1.223 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.112 min

Lab File: VD078695.D

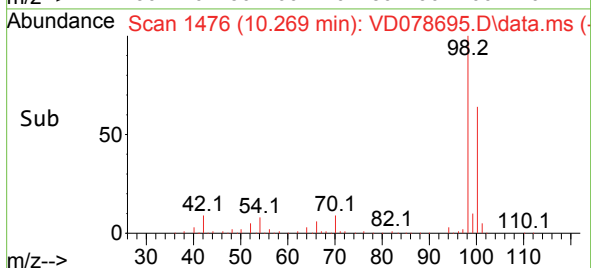
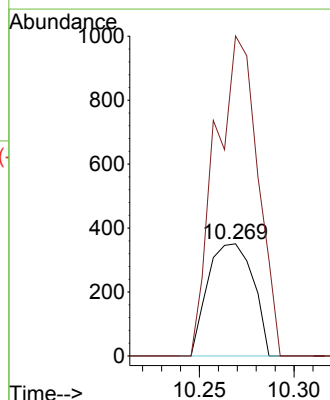
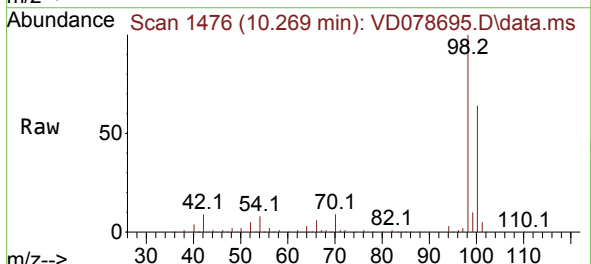
Acq: 18 Mar 2024 14:29

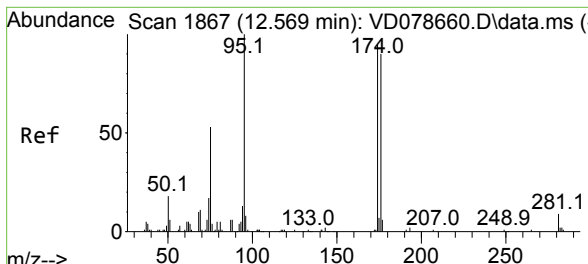
Tgt Ion: 43 Resp: 585

Ion Ratio Lower Upper

43 100

58 267.2 36.4 54.6#

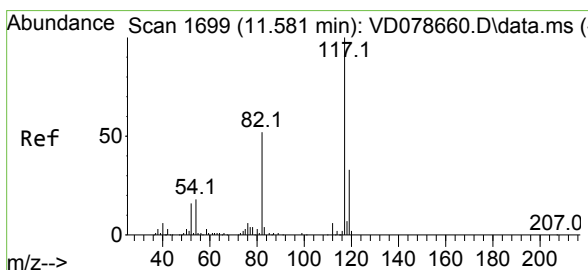
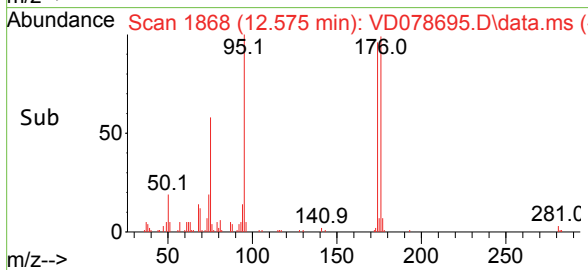
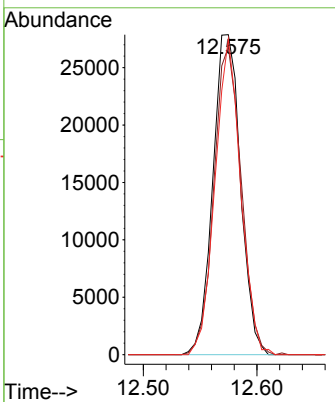
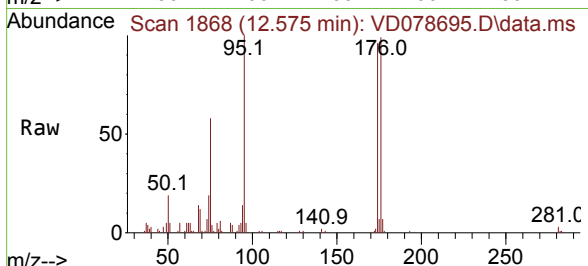




#62
4-Bromofluorobenzene
Concen: 41.231 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

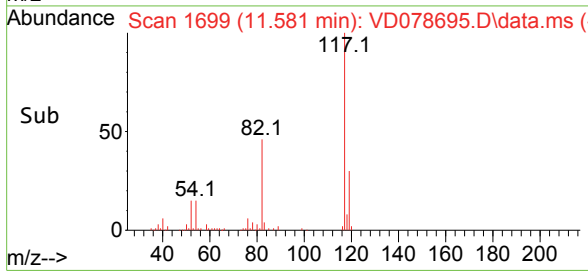
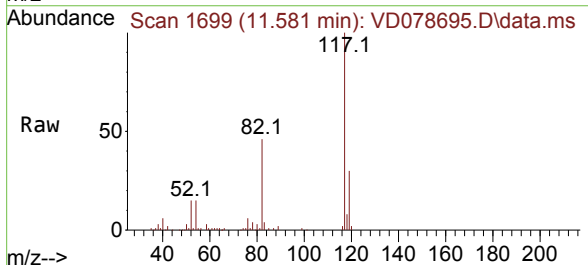
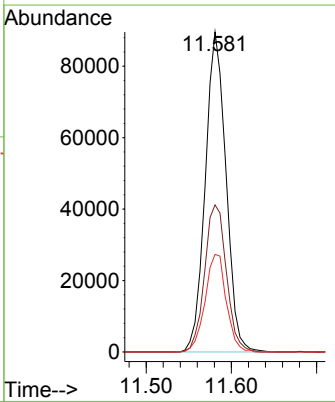
Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-6.0

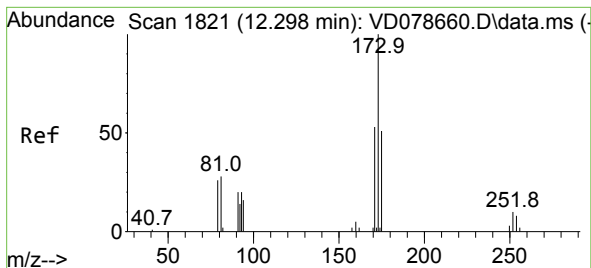
Tgt Ion:	95	Resp:	47075
Ion Ratio	Lower	Upper	
95	100		
174	95.1	0.0	195.2
176	91.5	0.0	188.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

Tgt Ion:	117	Resp:	151171
Ion Ratio	Lower	Upper	
117	100		
82	46.0	41.4	62.2
119	30.5	26.5	39.7





#71

Bromoform

Concen: 1.206 ug/l

RT: 12.569 min Scan# 1867

Delta R.T. 0.271 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

Instrument :

MSVOA_D

ClientSampleId :

SB-04-4.0-6.0

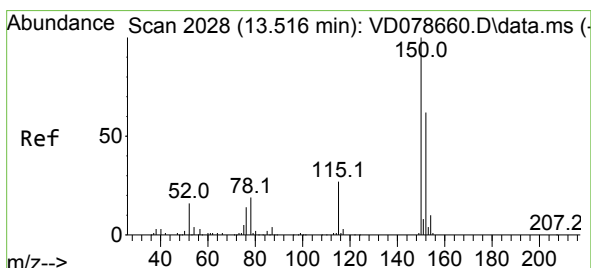
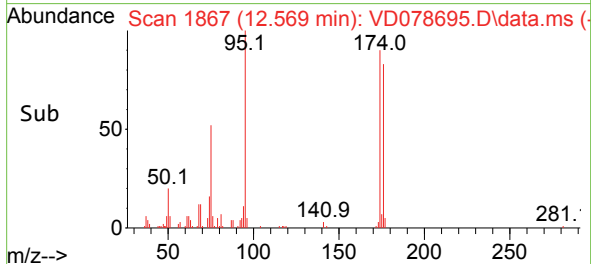
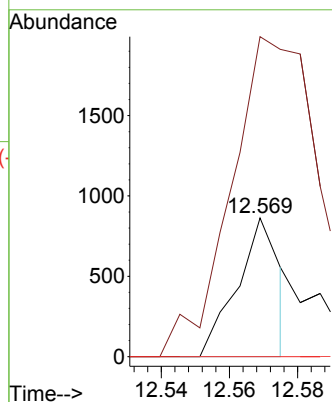
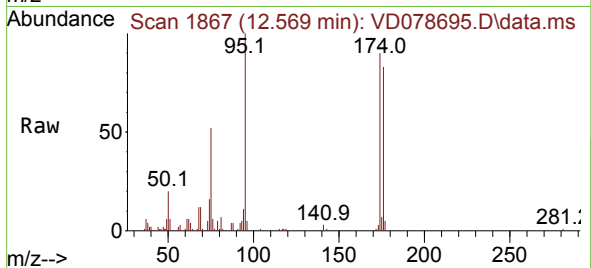
Tgt Ion:173 Resp: 754

Ion Ratio Lower Upper

173 100

175 0.0 25.8 77.4#

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.522 min Scan# 2029

Delta R.T. 0.006 min

Lab File: VD078695.D

Acq: 18 Mar 2024 14:29

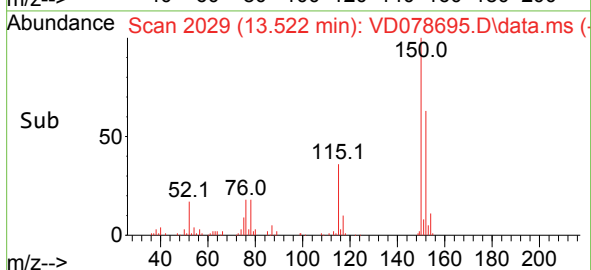
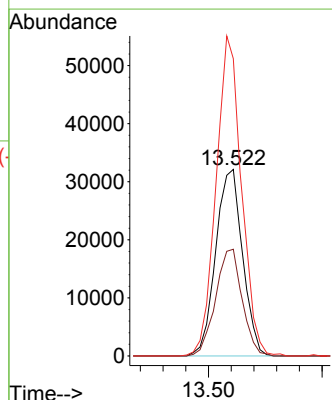
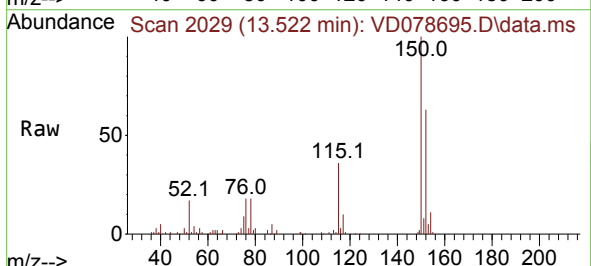
Tgt Ion:152 Resp: 52701

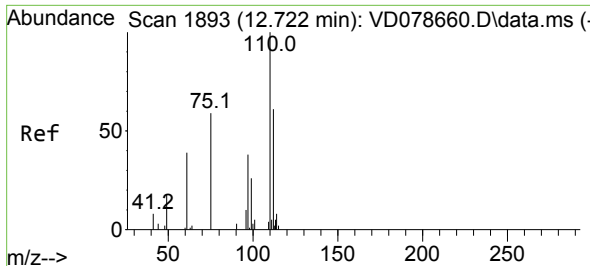
Ion Ratio Lower Upper

152 100

115 56.5 27.1 81.2

150 162.5 0.0 350.2

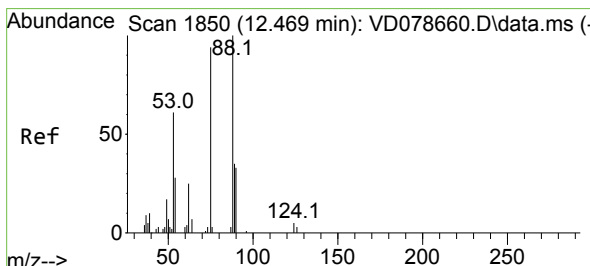
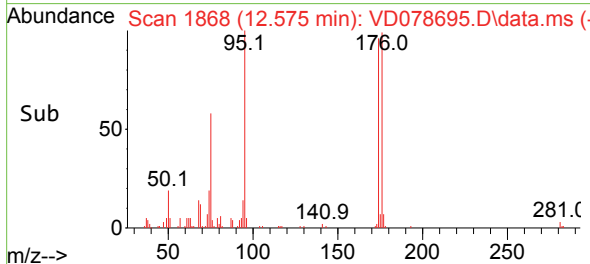
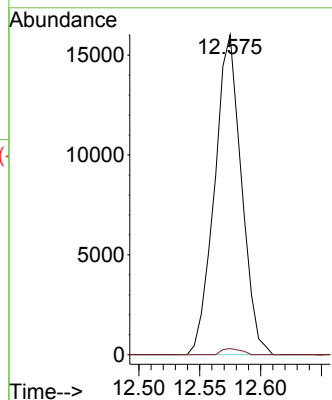
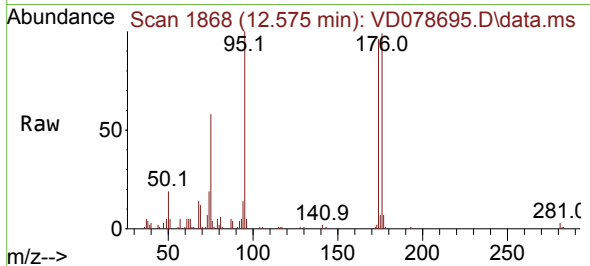




#76
1,2,3-Trichloropropane
Concen: 60.597 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.147 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

Instrument :
MSVOA_D
ClientSampleId :
SB-04-4.0-6.0

Tgt Ion: 75 Resp: 24604
Ion Ratio Lower Upper
75 100
77 1.4 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 127.020 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.106 min
Lab File: VD078695.D
Acq: 18 Mar 2024 14:29

Tgt Ion: 75 Resp: 24604
Ion Ratio Lower Upper
75 100
53 0.0 61.0 91.6#
89 0.0 35.4 53.0#

