

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
 Data File : VD078753.D
 Acq On : 27 Mar 2024 15:08
 Operator : RP/MD
 Sample : VD0327SBL01
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

Quant Time: Mar 28 05:09:43 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)

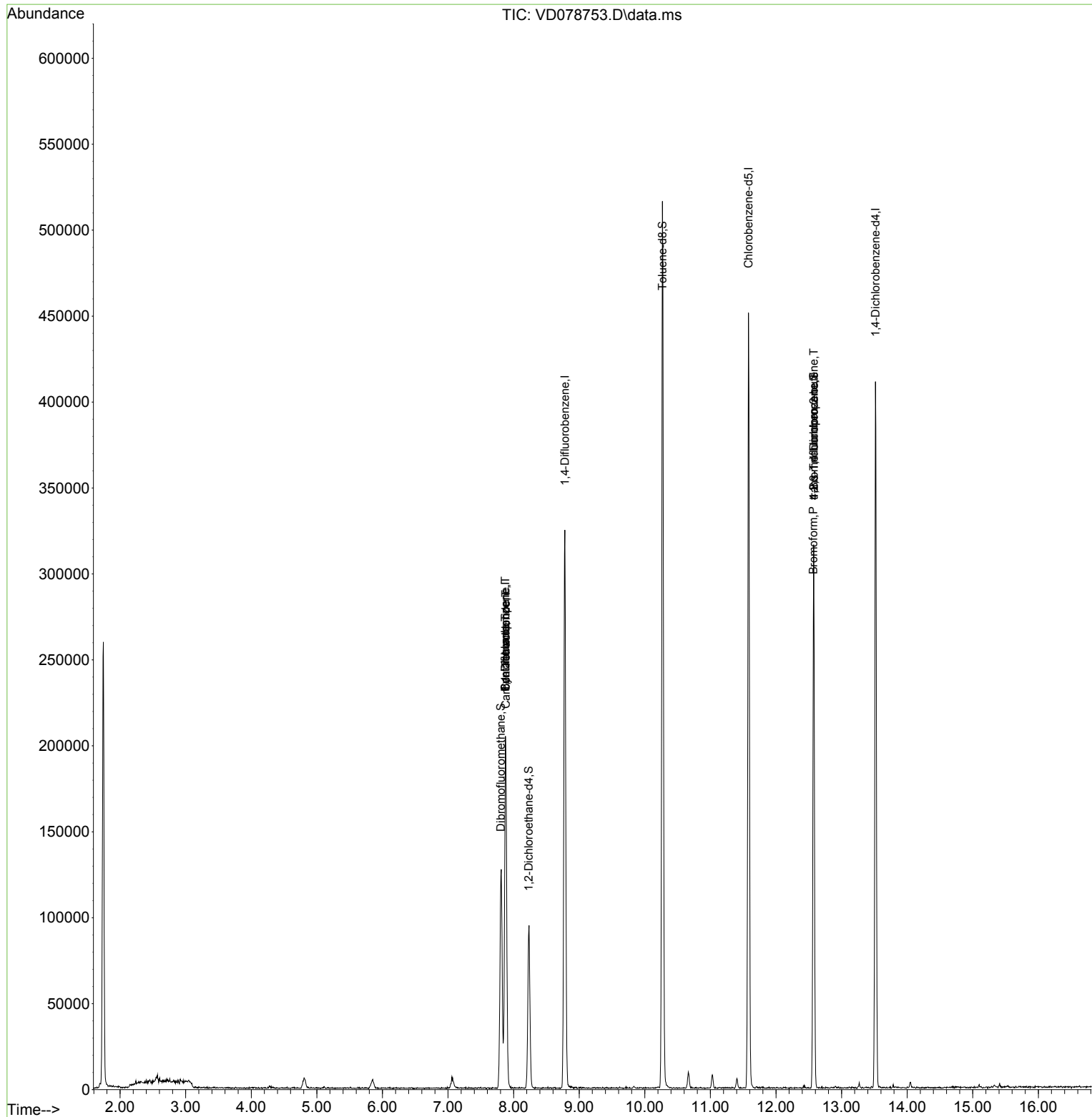
Internal Standards						
1) Pentafluorobenzene	7.875	168	161785	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	301288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	268576	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	113145	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70391	46.426	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.860%
35) Dibromofluoromethane	7.805	113	90632	46.721	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.440%
50) Toluene-d8	10.269	98	364968	51.158	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.320%
62) 4-Bromofluorobenzene	12.575	95	88188	42.253	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.500%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.817	84	4747	Below Cal		95
31) Cyclohexane	7.875	56	3473	1.363	ug/l #	68
36) 1,1-Dichloropropene	7.875	75	12864	4.571	ug/l #	46
38) Carbon Tetrachloride	7.881	117	15106	5.091	ug/l #	15
71) Bromoform	12.569	173	1124	1.012	ug/l #	26
76) 1,2,3-Trichloropropane	12.575	75	46117	52.904	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.575	75	46117	110.895	ug/l #	19

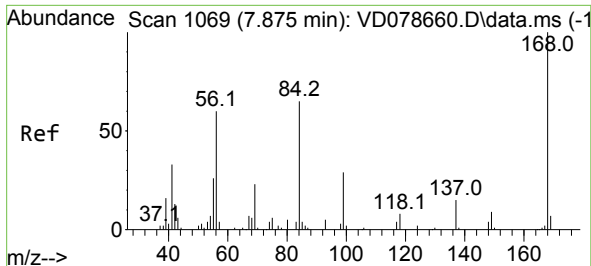
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032724\
Data File : VD078753.D
Acq On : 27 Mar 2024 15:08
Operator : RP/MD
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Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

Quant Time: Mar 28 05:09:43 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

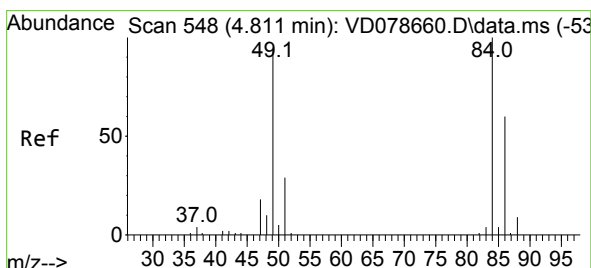
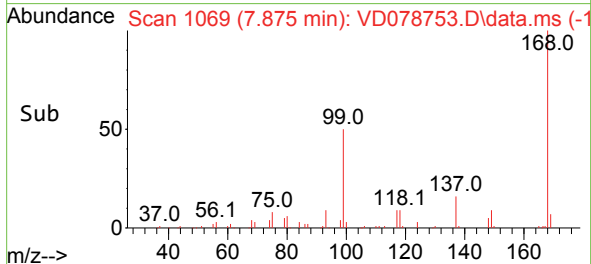
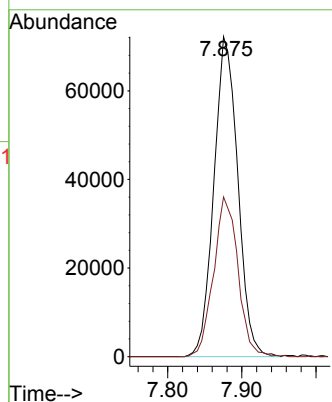
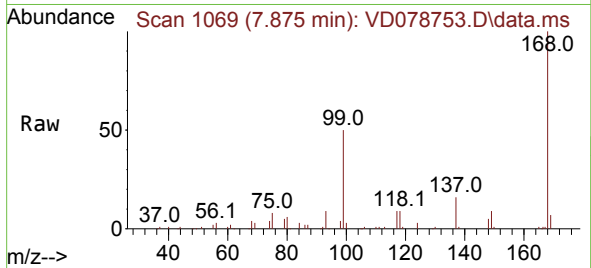




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

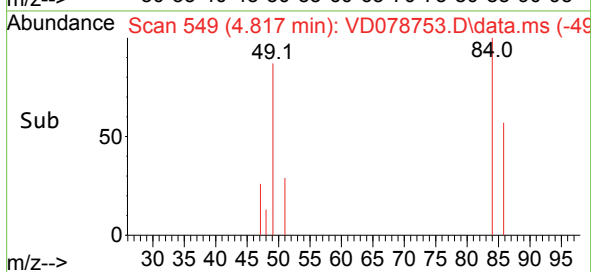
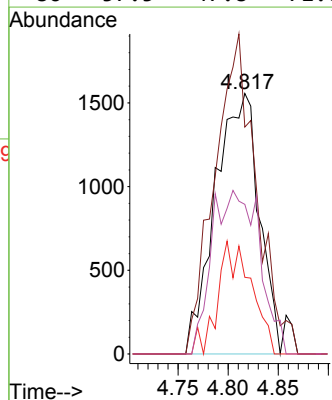
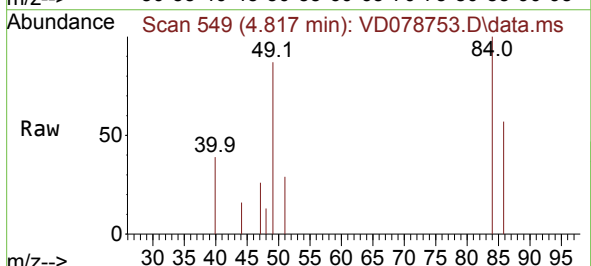
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

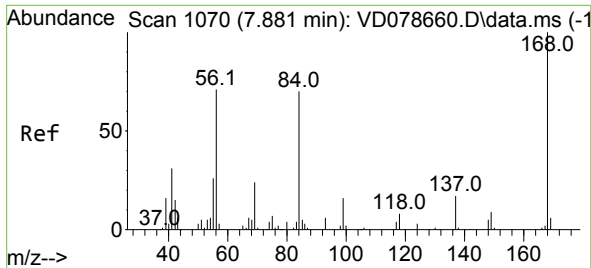
Tgt Ion:168 Resp: 161785
Ion Ratio Lower Upper
168 100
99 49.9 38.8 58.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.817 min Scan# 549
Delta R.T. 0.006 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion: 84 Resp: 4747
Ion Ratio Lower Upper
84 100
49 87.1 75.6 113.4
51 29.4 23.4 35.0
86 57.5 47.8 71.6

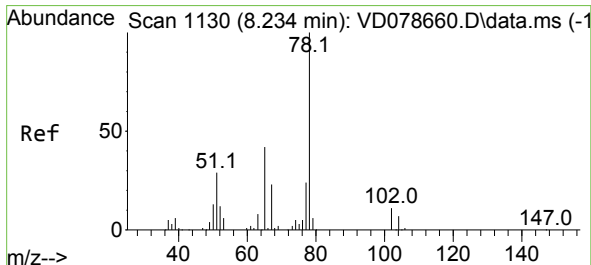
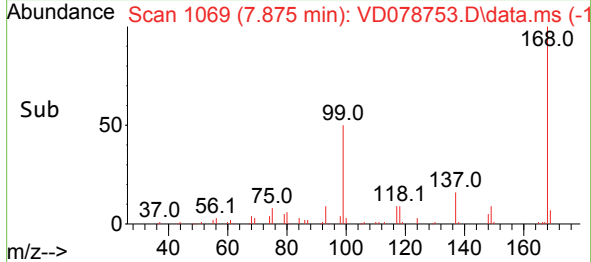
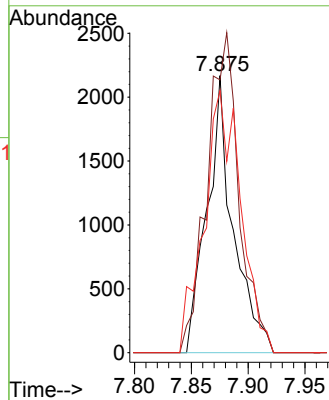
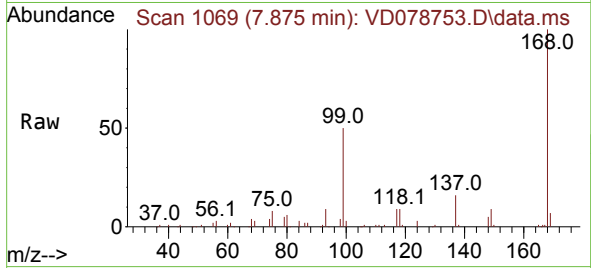




#31
Cyclohexane
Concen: 1.363 ug/l
RT: 7.875 min Scan# 1109
Delta R.T. -0.006 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

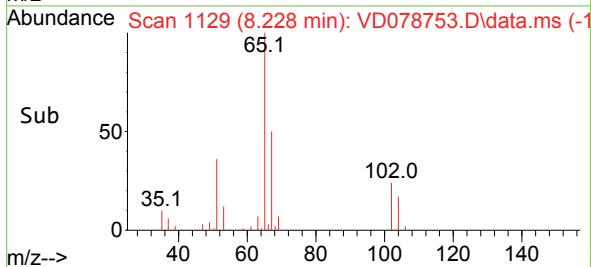
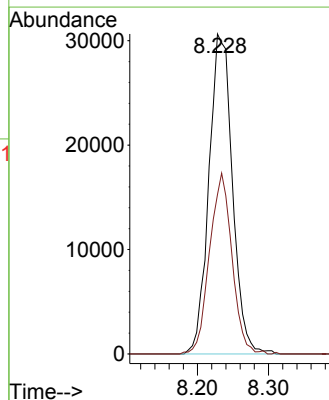
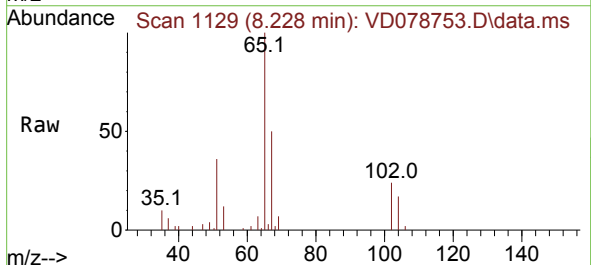
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

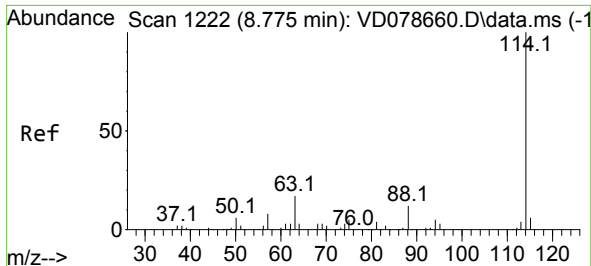
Tgt Ion: 56 Resp: 3473
Ion Ratio Lower Upper
56 100
69 98.4 26.6 40.0#
84 94.6 79.4 119.2



#33
1,2-Dichloroethane-d4
Concen: 46.426 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.006 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion: 65 Resp: 70391
Ion Ratio Lower Upper
65 100
67 53.9 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

Instrument :

MSVOA_D

ClientSampleId :

VD0327SBL01

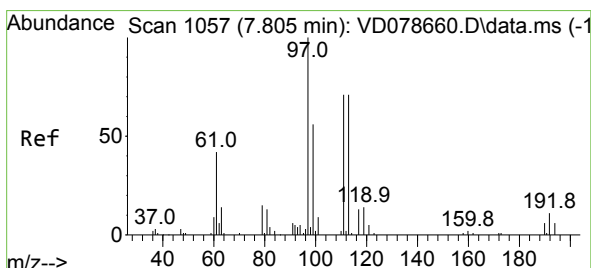
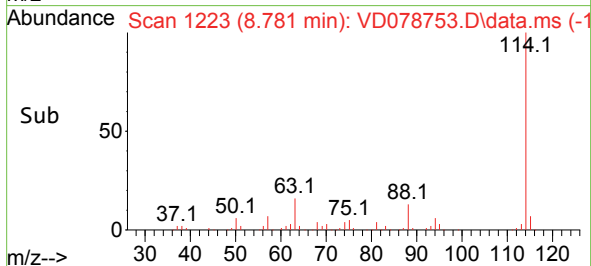
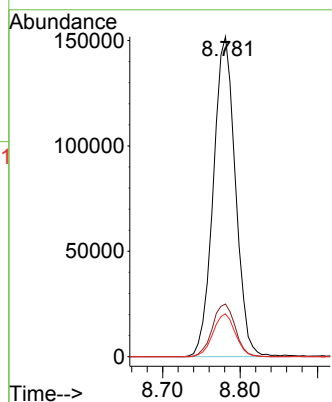
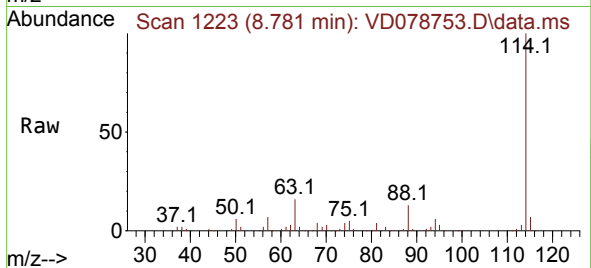
Tgt Ion:114 Resp: 301288

Ion Ratio Lower Upper

114 100

63 16.4 0.0 33.4

88 13.4 0.0 24.6



#35

Dibromofluoromethane

Concen: 46.721 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

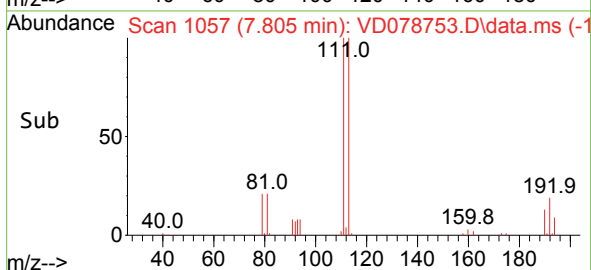
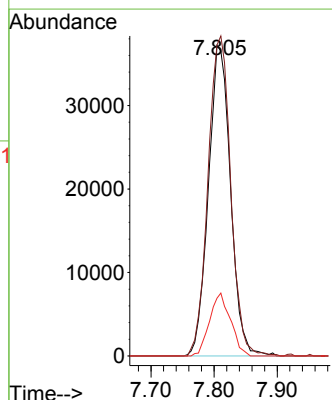
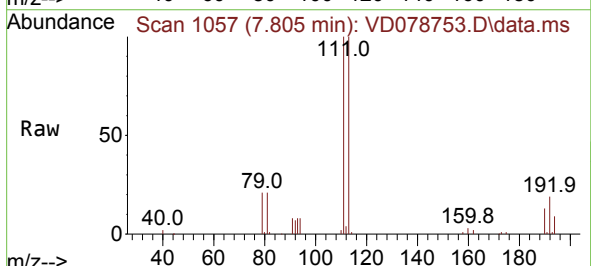
Tgt Ion:113 Resp: 90632

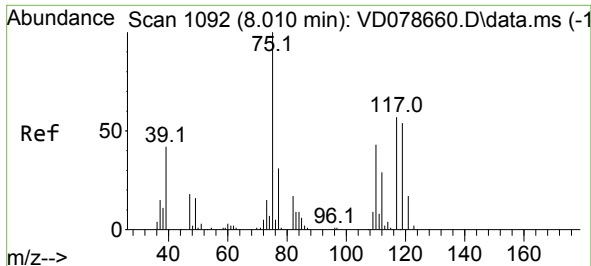
Ion Ratio Lower Upper

113 100

111 105.5 81.9 122.9

192 19.2 15.4 23.0

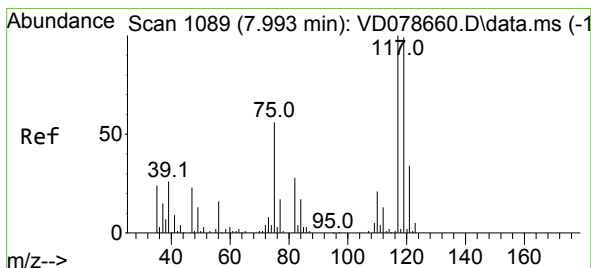
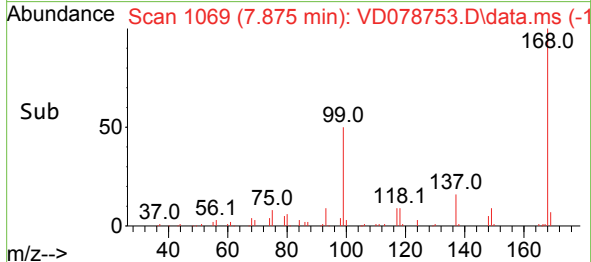
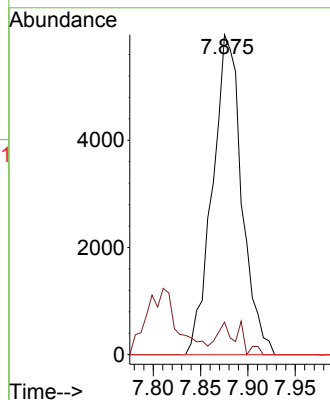
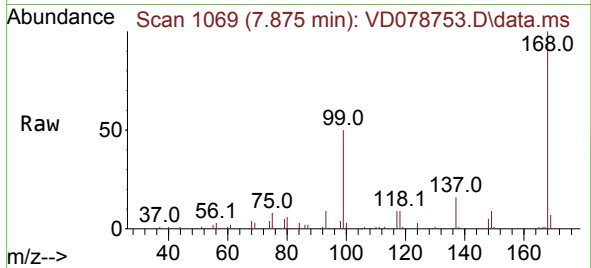




#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.135 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

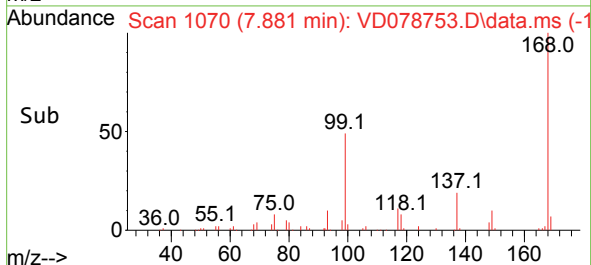
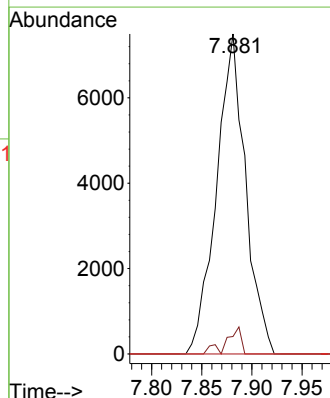
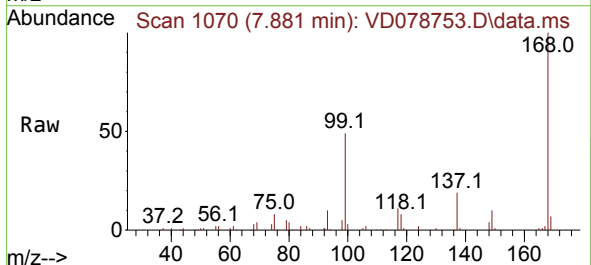
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01

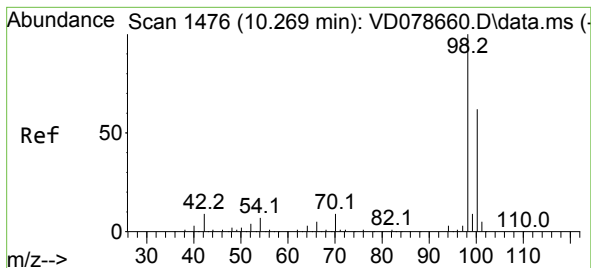
Tgt Ion: 75 Resp: 12864
Ion Ratio Lower Upper
75 100
110 7.6 19.1 57.1#
77 0.0 25.4 38.2#



#38
Carbon Tetrachloride
Concen: 5.091 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.112 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Tgt Ion: 117 Resp: 15106
Ion Ratio Lower Upper
117 100
119 5.5 79.2 118.8#
121 0.0 26.8 40.2#





#50

Toluene-d8

Concen: 51.158 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. 0.000 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

Instrument :

MSVOA_D

ClientSampleId :

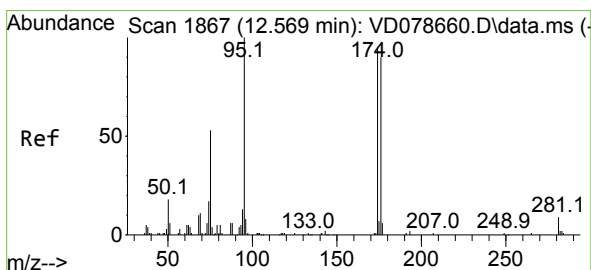
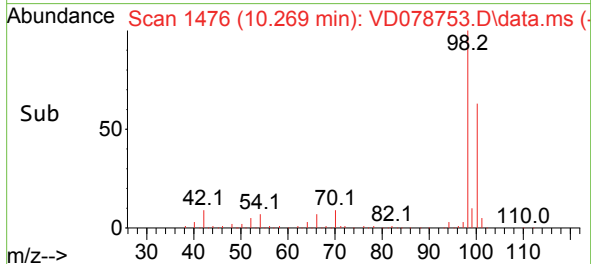
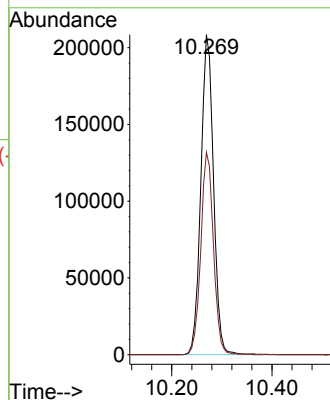
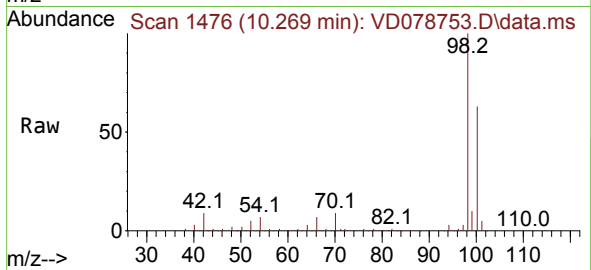
VD0327SBL01

Tgt Ion: 98 Resp: 364968

Ion Ratio Lower Upper

98 100

100 63.3 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 42.253 ug/l

RT: 12.575 min Scan# 1868

Delta R.T. 0.006 min

Lab File: VD078753.D

Acq: 27 Mar 2024 15:08

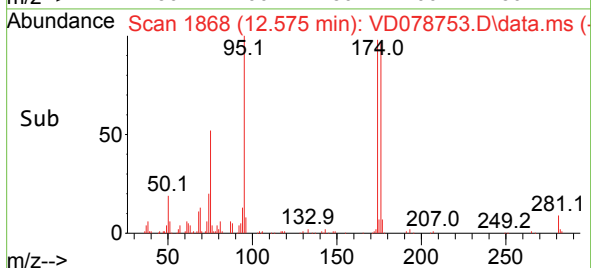
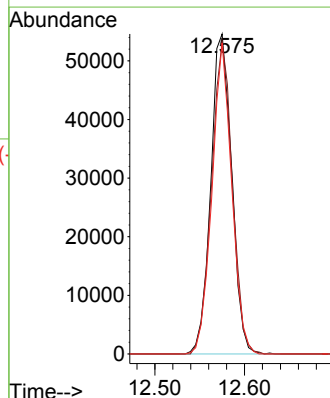
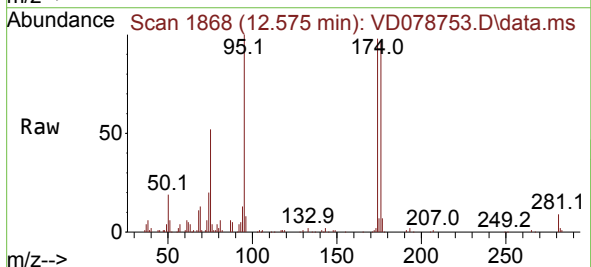
Tgt Ion: 95 Resp: 88188

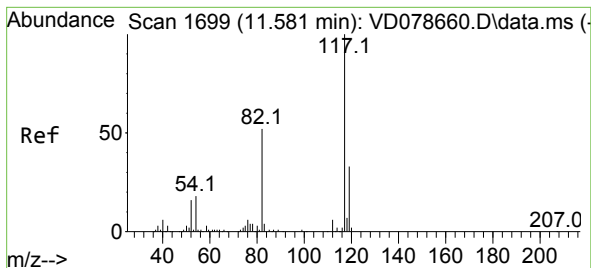
Ion Ratio Lower Upper

95 100

174 97.4 0.0 195.2

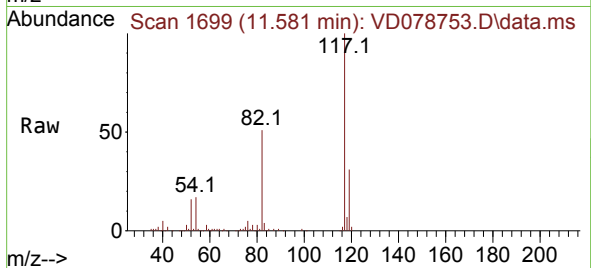
176 91.4 0.0 188.2



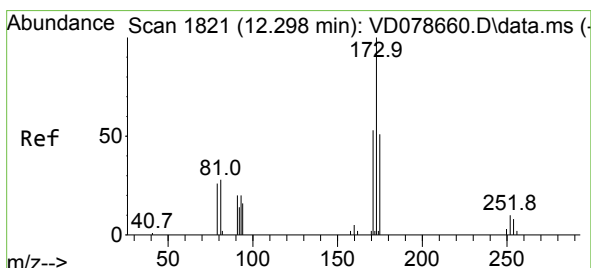
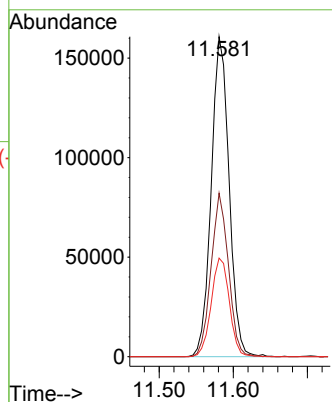
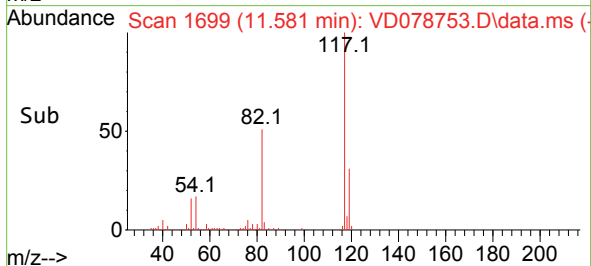


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

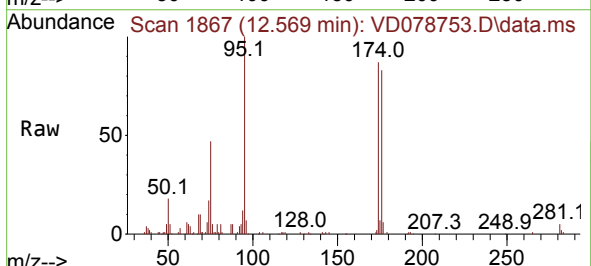
Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01



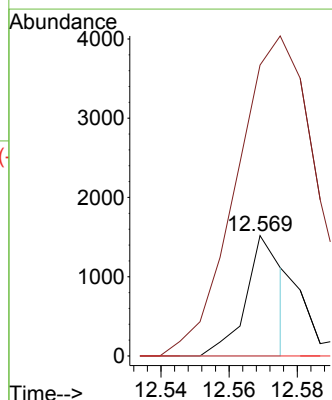
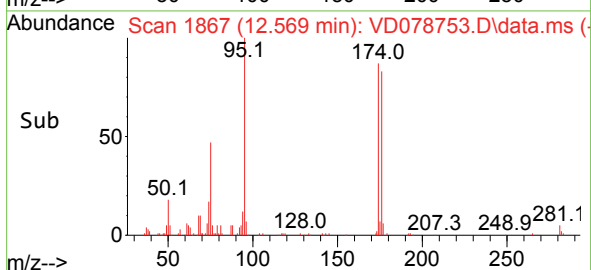
Tgt Ion:117 Resp: 268576
Ion Ratio Lower Upper
117 100
82 51.1 41.4 62.2
119 30.8 26.5 39.7

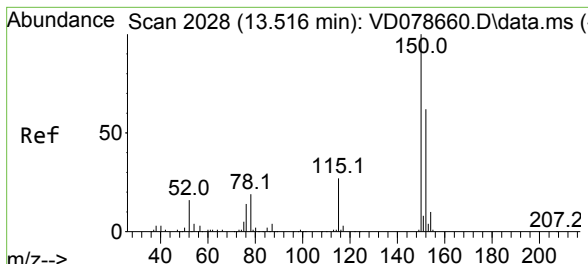


#71
Bromoform
Concen: 1.012 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.271 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08



Tgt Ion:173 Resp: 1124
Ion Ratio Lower Upper
173 100
175 0.0 25.8 77.4#
254 0.0 0.0 0.0

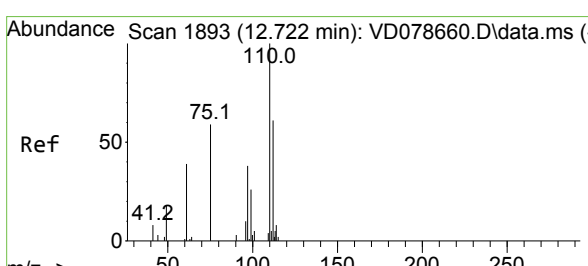
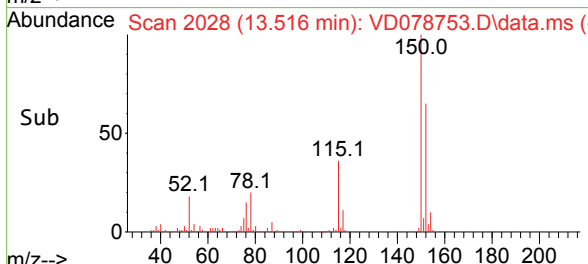
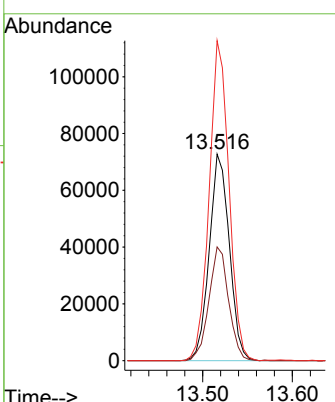
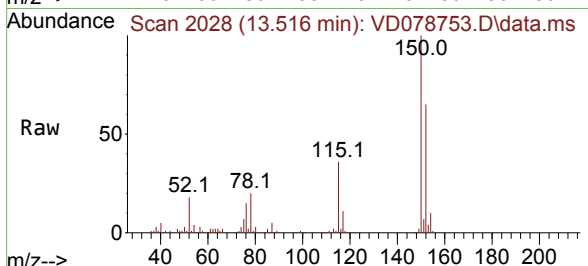




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VD078753.D
 Acq: 27 Mar 2024 15:08

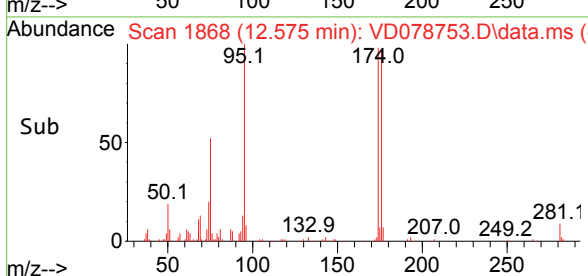
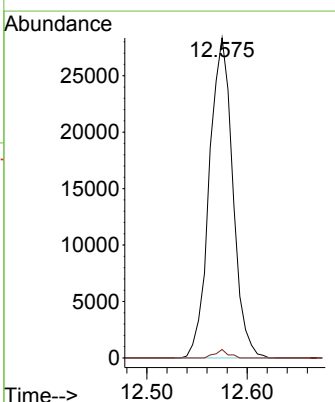
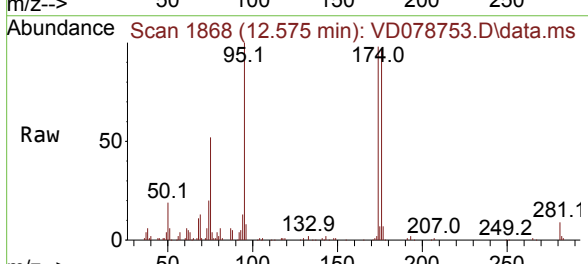
Instrument :
 MSVOA_D
 ClientSampleId :
 VD0327SBL01

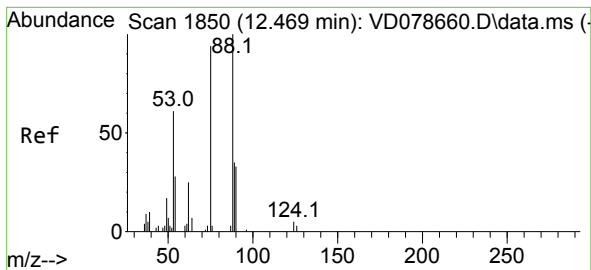
Tgt Ion:	152	Resp:	113145
Ion Ratio	Lower	Upper	
152	100		
115	54.0	27.1	81.2
150	152.3	0.0	350.2



#76
 1,2,3-Trichloropropane
 Concen: 52.904 ug/l
 RT: 12.575 min Scan# 1868
 Delta R.T. -0.147 min
 Lab File: VD078753.D
 Acq: 27 Mar 2024 15:08

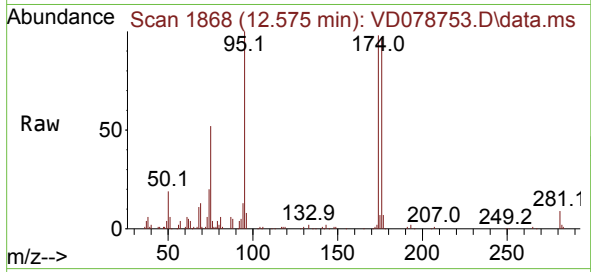
Tgt Ion:	75	Resp:	46117
Ion Ratio	Lower	Upper	
75	100		
77	1.5	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 110.895 ug/l
RT: 12.575 min Scan# 11
Delta R.T. 0.106 min
Lab File: VD078753.D
Acq: 27 Mar 2024 15:08

Instrument :
MSVOA_D
ClientSampleId :
VD0327SBL01



Tgt Ion:	75	Resp:	46117
Ion	Ratio	Lower	Upper
75	100		
53	0.0	61.0	91.6#
89	0.3	35.4	53.0#

