

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122923\
 Data File : VD078104.D
 Acq On : 29 Dec 2023 13:21
 Operator : RP/MD
 Sample : 06040-01
 Misc : 7.02G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EMS-38-WC-1

Quant Time: Dec 29 22:34:50 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122623S.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 27 03:40:16 2023
 Response via : Initial Calibration

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

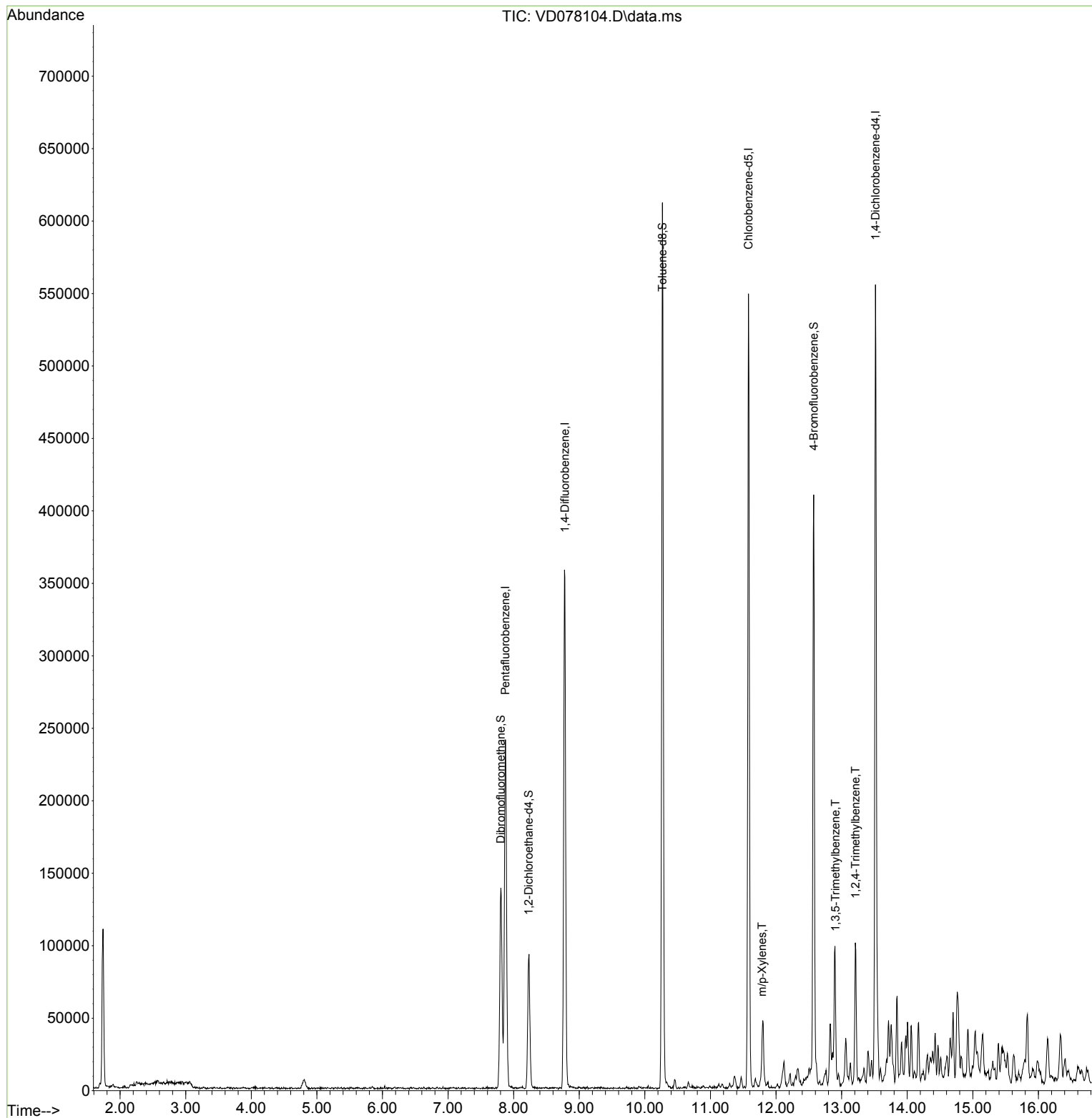
Internal Standards						
1) Pentafluorobenzene	7.875	168	196841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	335168	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	323661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	153532	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	71211	40.659	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	81.320%
35) Dibromofluoromethane	7.804	113	101462	47.048	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.100%
50) Toluene-d8	10.269	98	418105	55.098	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	110.200%
62) 4-Bromofluorobenzene	12.575	95	123291	50.496	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	101.000%
Target Compounds						
					Qvalue	
68) m/p-Xylenes	11.787	106	6598	1.414	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	13960	1.596	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	51944	5.831	ug/l	97

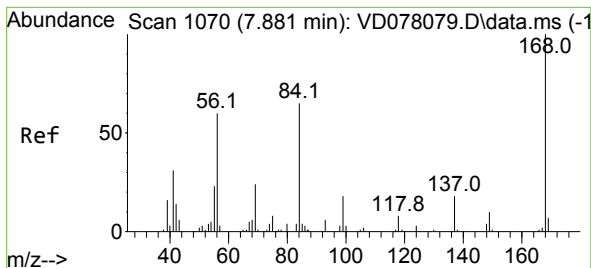
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.875 min Scan# 1109

Delta R.T. -0.006 min

Lab File: VD078104.D

Acq: 29 Dec 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

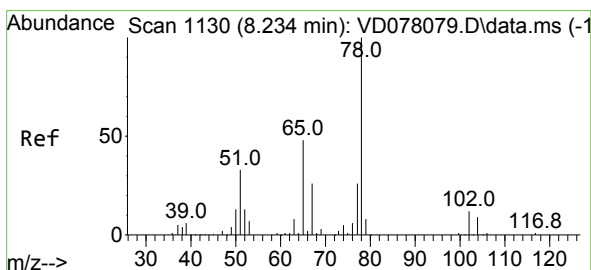
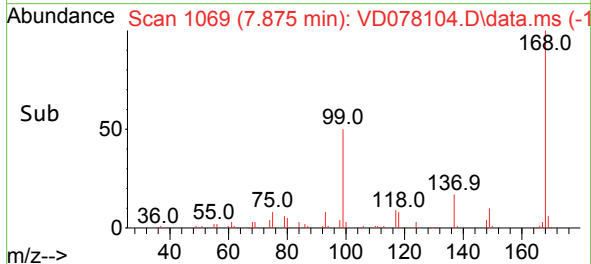
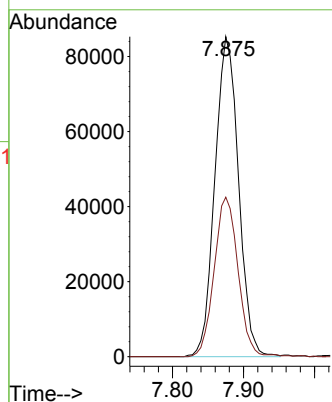
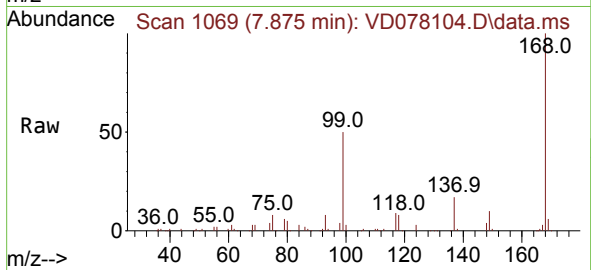
EMS-38-WC-1

Tgt Ion:168 Resp: 196841

Ion Ratio Lower Upper

168 100

99 49.9 36.7 55.1



#33

1,2-Dichloroethane-d4

Concen: 40.659 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078104.D

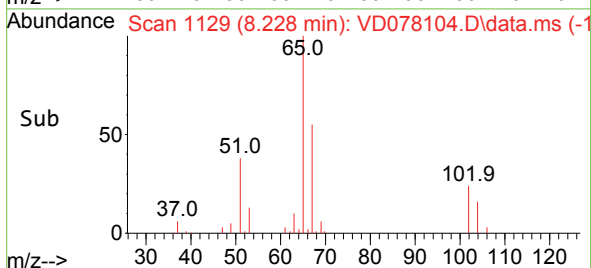
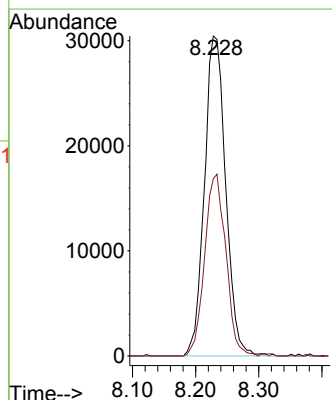
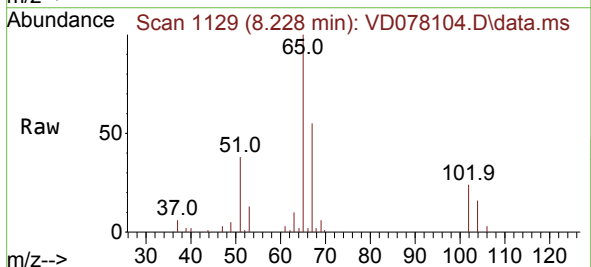
Acq: 29 Dec 2023 13:21

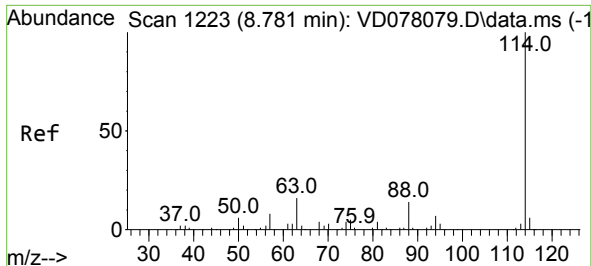
Tgt Ion: 65 Resp: 71211

Ion Ratio Lower Upper

65 100

67 56.7 0.0 115.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078104.D

Acq: 29 Dec 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

EMS-38-WC-1

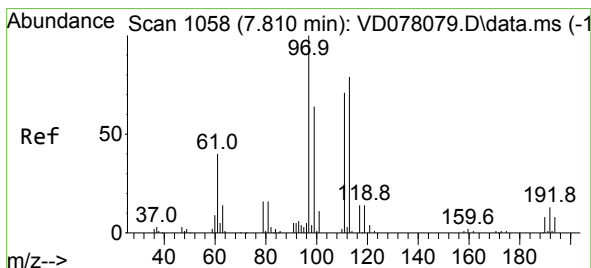
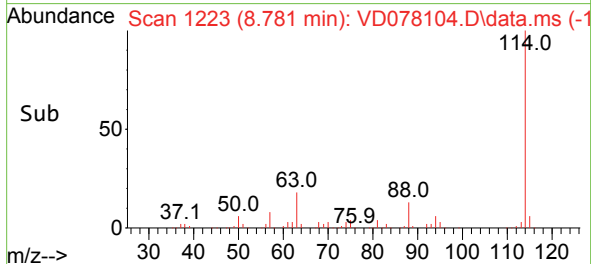
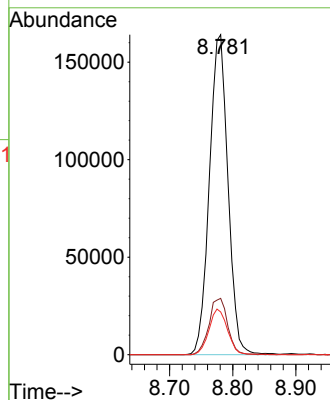
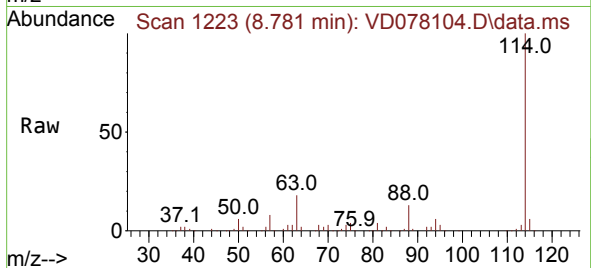
Tgt Ion:114 Resp: 335168

Ion Ratio Lower Upper

114 100

63 17.6 0.0 33.4

88 13.4 0.0 26.2



#35

Dibromofluoromethane

Concen: 47.048 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.006 min

Lab File: VD078104.D

Acq: 29 Dec 2023 13:21

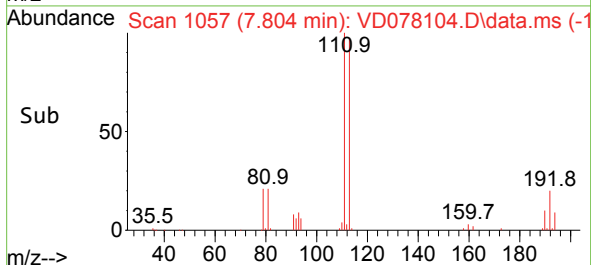
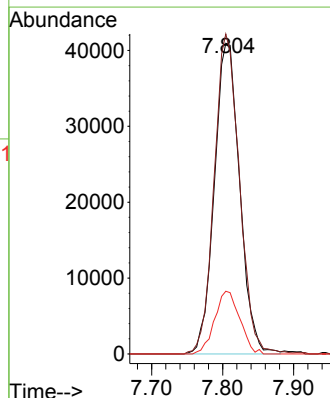
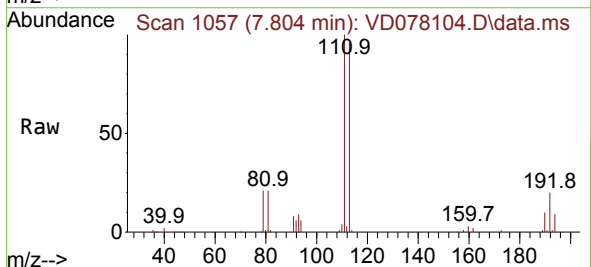
Tgt Ion:113 Resp: 101462

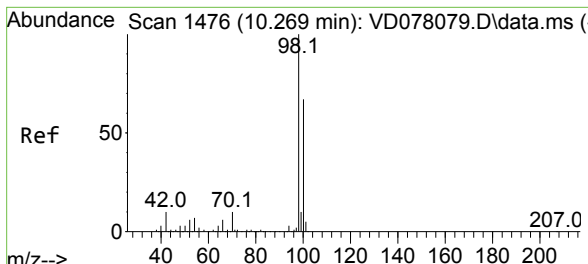
Ion Ratio Lower Upper

113 100

111 102.3 84.7 127.1

192 19.9 16.8 25.2

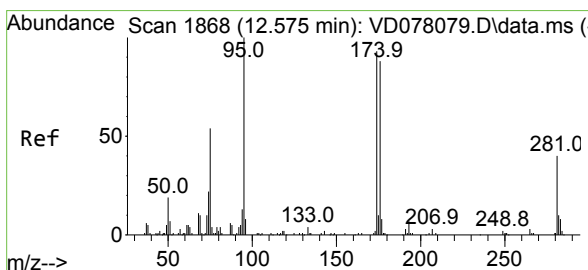
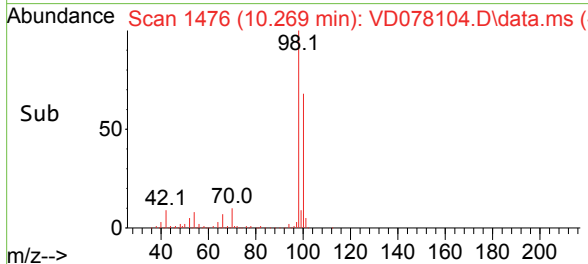
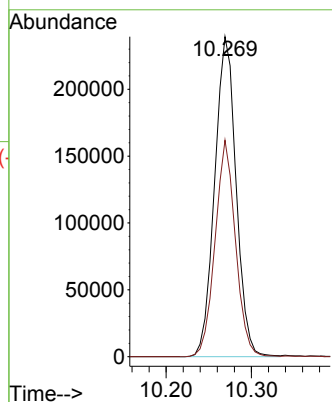
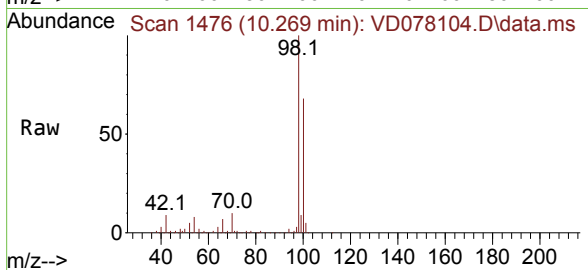




#50
Toluene-d8
Concen: 55.098 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD078104.D
Acq: 29 Dec 2023 13:21

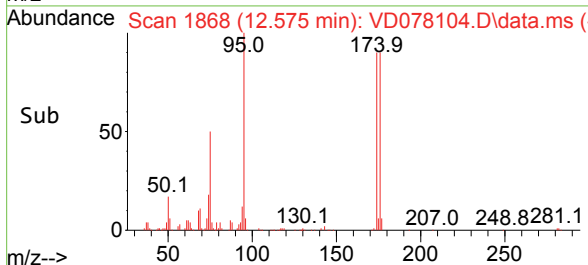
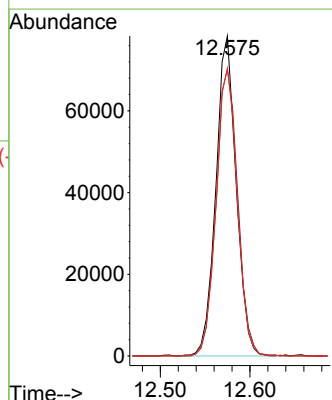
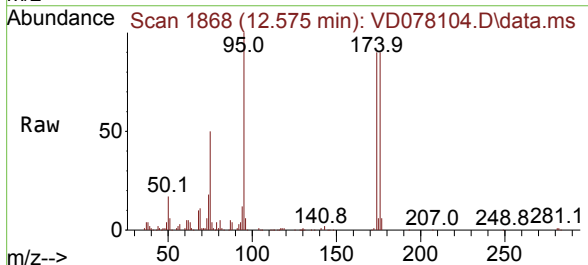
Instrument :
MSVOA_D
ClientSampleId :
EMS-38-WC-1

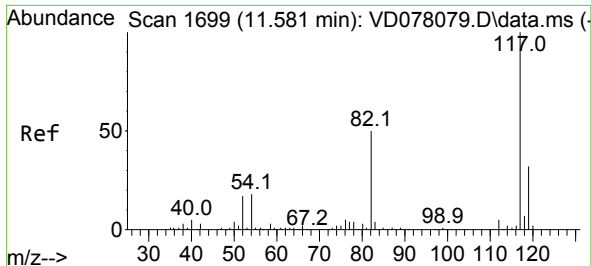
Tgt Ion:	98	Resp:	418105
Ion Ratio	Lower	Upper	
98	100		
100	64.4	50.3	75.5



#62
4-Bromofluorobenzene
Concen: 50.496 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078104.D
Acq: 29 Dec 2023 13:21

Tgt Ion:	95	Resp:	123291
Ion Ratio	Lower	Upper	
95	100		
174	95.1	0.0	201.8
176	93.2	0.0	191.8

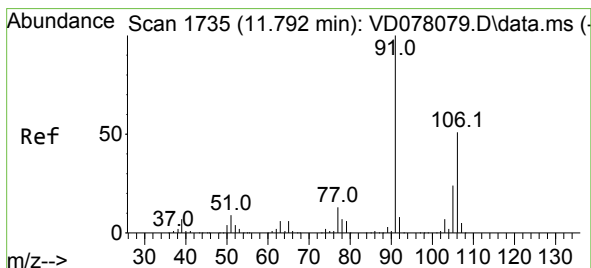
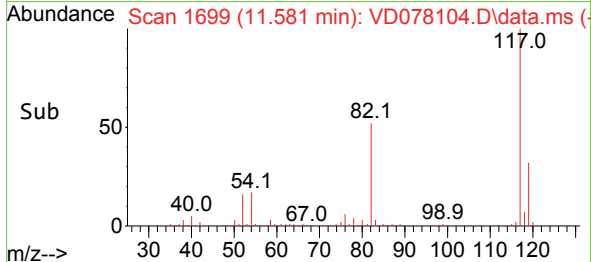
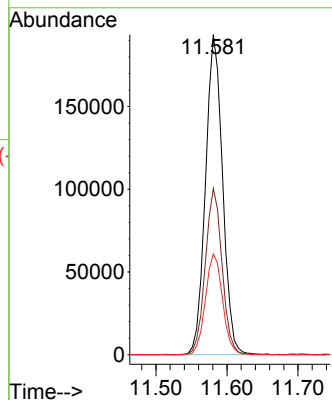
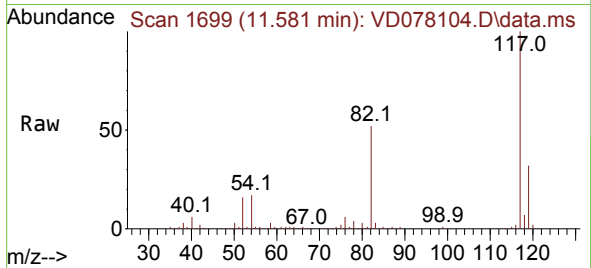




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD078104.D
Acq: 29 Dec 2023 13:21

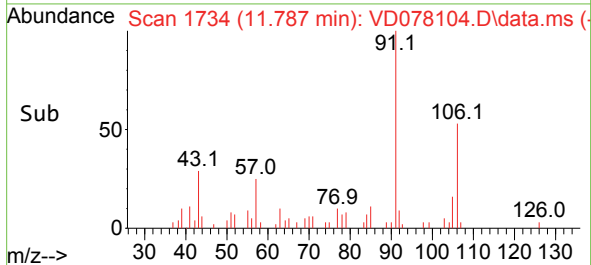
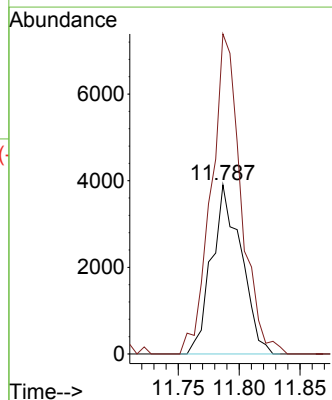
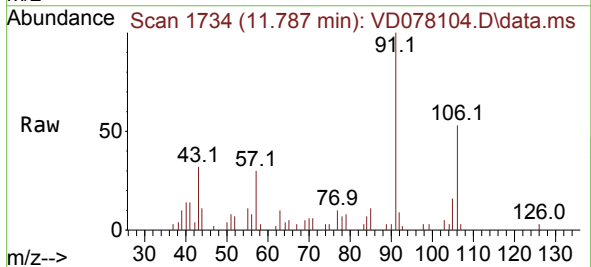
Instrument :
MSVOA_D
ClientSampleId :
EMS-38-WC-1

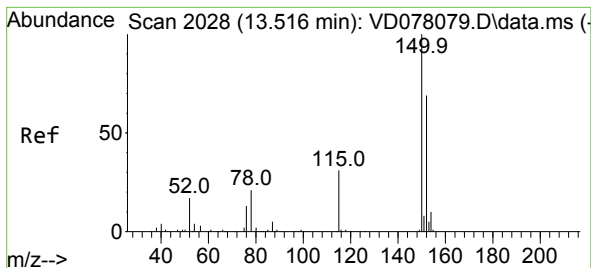
Tgt Ion:117 Resp: 323661
Ion Ratio Lower Upper
117 100
82 51.8 38.3 57.5
119 31.5 25.0 37.4



#68
m/p-Xylenes
Concen: 1.414 ug/l
RT: 11.787 min Scan# 1734
Delta R.T. -0.006 min
Lab File: VD078104.D
Acq: 29 Dec 2023 13:21

Tgt Ion:106 Resp: 6598
Ion Ratio Lower Upper
106 100
91 190.3 147.0 220.6

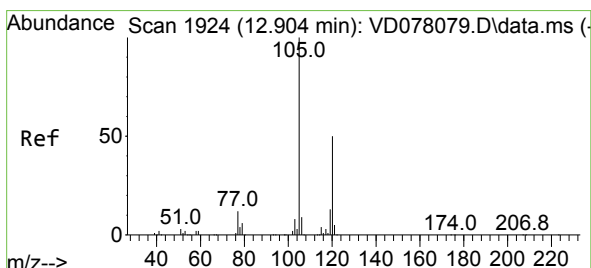
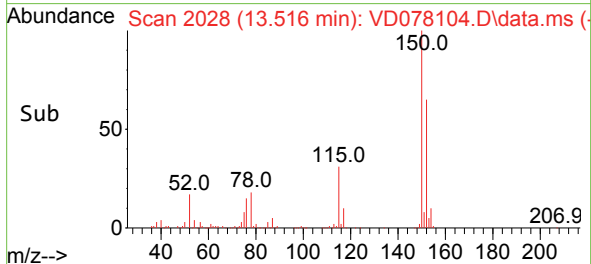
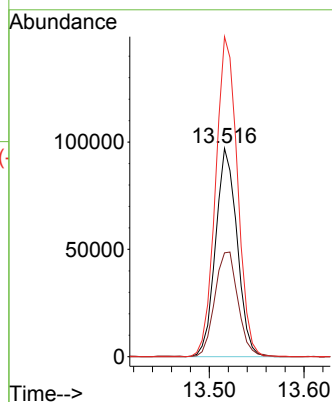
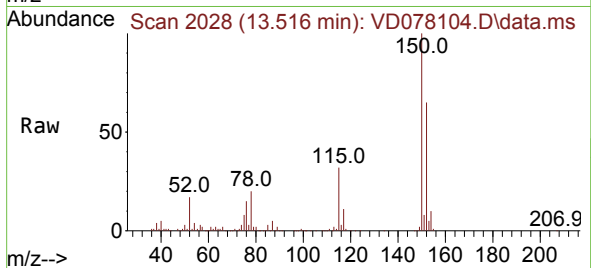




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 2028
 Delta R.T. 0.000 min
 Lab File: VD078104.D
 Acq: 29 Dec 2023 13:21

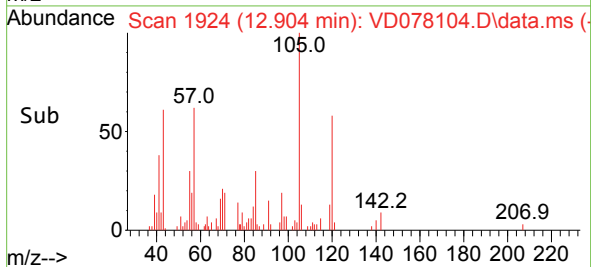
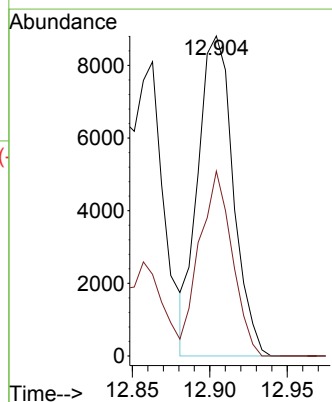
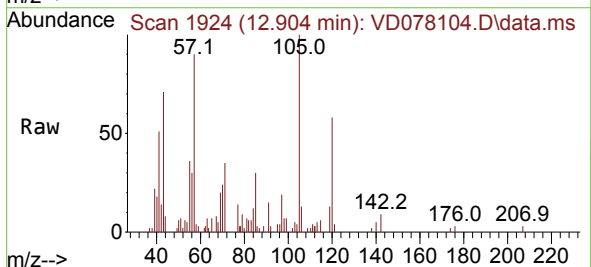
Instrument :
 MSVOA_D
 ClientSampleId :
 EMS-38-WC-1

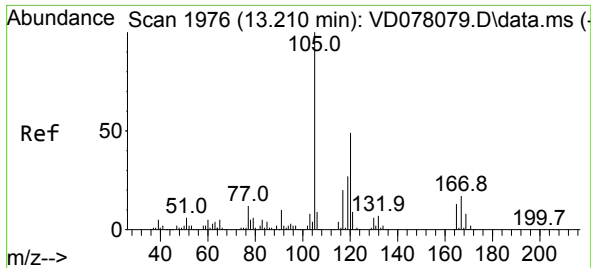
Tgt Ion:152 Resp: 153532
 Ion Ratio Lower Upper
 152 100
 115 54.3 27.1 81.3
 150 156.0 0.0 353.6



#80
 1,3,5-Trimethylbenzene
 Concen: 1.596 ug/l
 RT: 12.904 min Scan# 1924
 Delta R.T. 0.000 min
 Lab File: VD078104.D
 Acq: 29 Dec 2023 13:21

Tgt Ion:105 Resp: 13960
 Ion Ratio Lower Upper
 105 100
 120 53.5 26.4 79.2





#84

1,2,4-Trimethylbenzene

Concen: 5.831 ug/l

RT: 13.210 min Scan# 1976

Delta R.T. 0.000 min

Lab File: VD078104.D

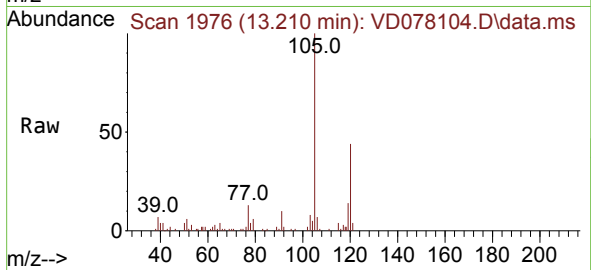
Acq: 29 Dec 2023 13:21

Instrument :

MSVOA_D

ClientSampleId :

EMS-38-WC-1



Tgt Ion:105 Resp: 51944

Ion Ratio Lower Upper

105 100

120 46.7 24.3 72.9

