

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079412.D
 Acq On : 26 Jul 2024 17:15
 Operator : RP/MD
 Sample : P3343-03
 Misc : 6.92G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-A-GRAB

Quant Time: Jul 27 03:35:24 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

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

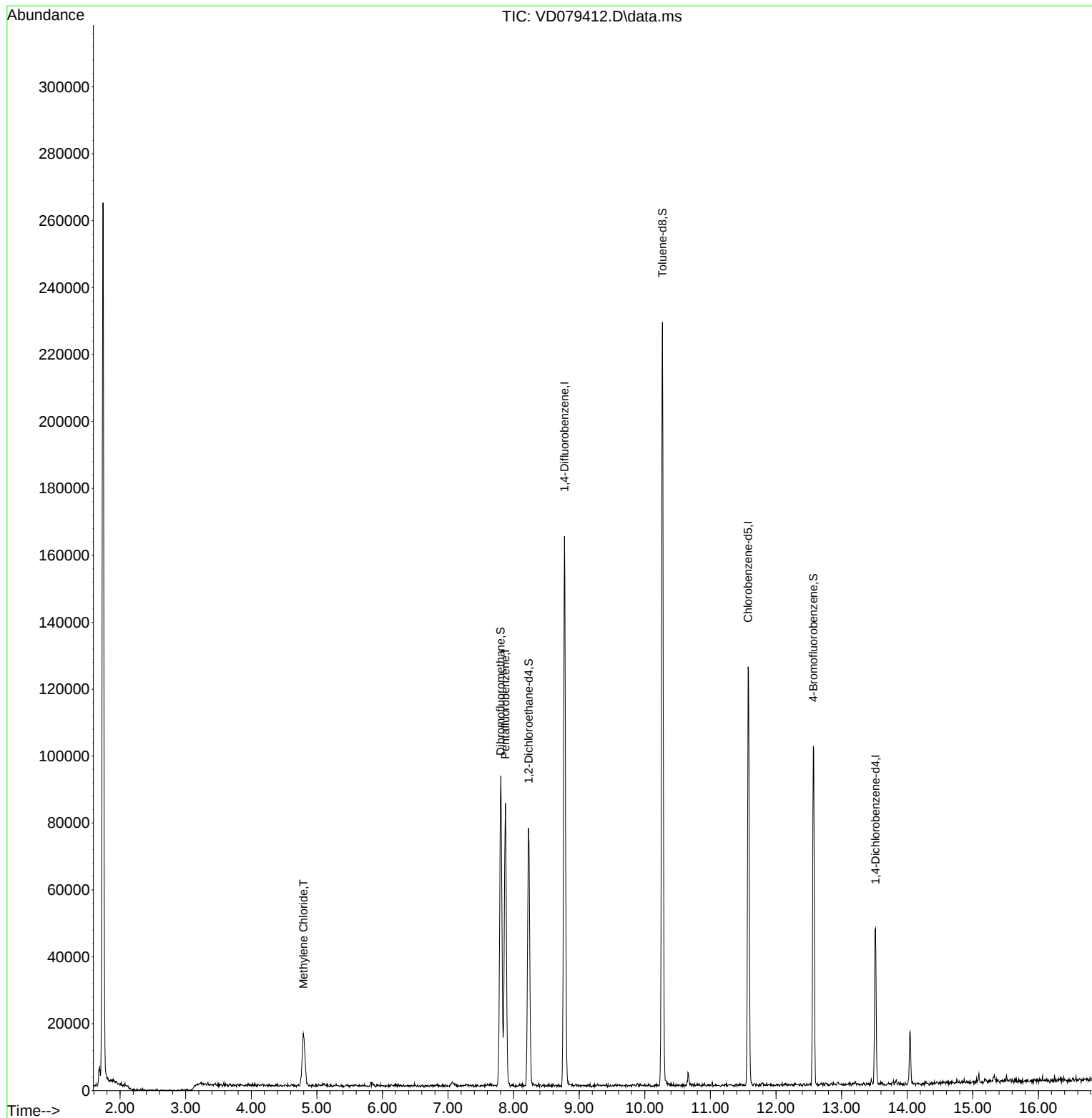
Internal Standards						
1) Pentafluorobenzene	7.875	168	60639	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	144628	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.575	117	76883	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	12900	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	63057	111.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	222.080%#
35) Dibromofluoromethane	7.799	113	68193	78.199	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	156.400%#
50) Toluene-d8	10.269	98	166952	48.431	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	96.860%
62) 4-Bromofluorobenzene	12.569	95	29317	27.457	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	54.920%
Target Compounds						
						Qvalue
20) Methylene Chloride	4.793	84	13305	6.065	ug/l	94

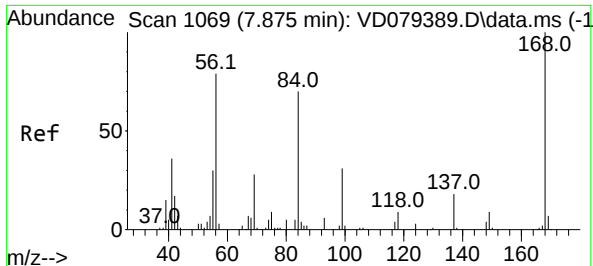
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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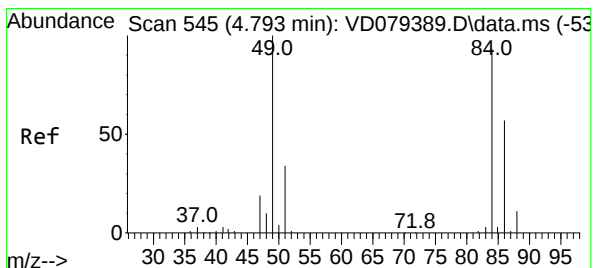
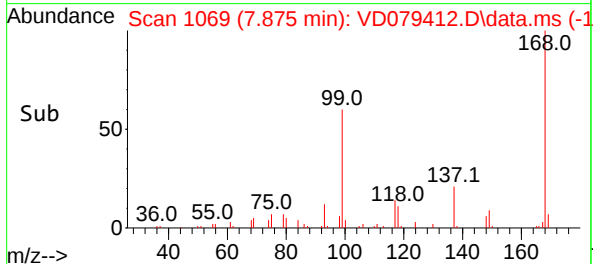
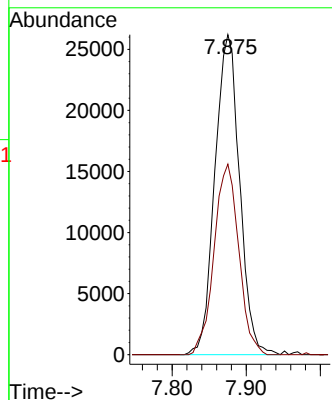
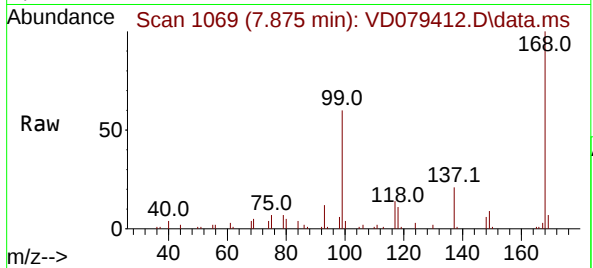




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079412.D
Acq: 26 Jul 2024 17:15

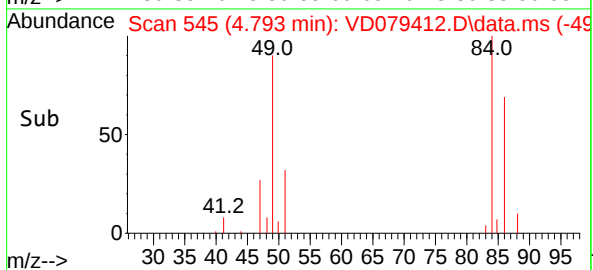
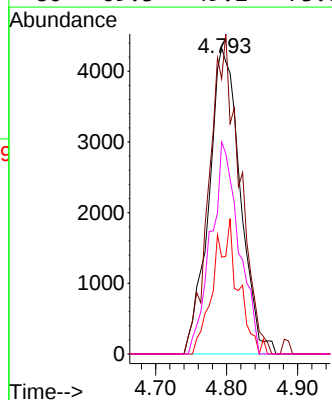
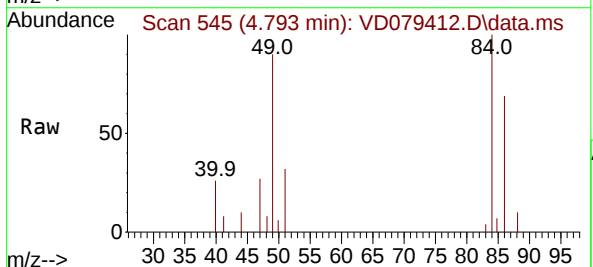
Instrument :
MSVOA_D
ClientSampleId :
SP-A-GRAB

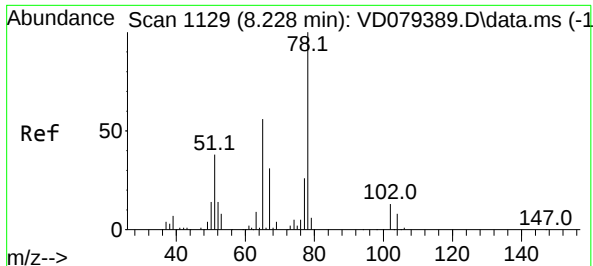
Tgt Ion:168 Resp: 60639
Ion Ratio Lower Upper
168 100
99 59.5 41.1 61.7



#20
Methylene Chloride
Concen: 6.065 ug/l
RT: 4.793 min Scan# 545
Delta R.T. -0.006 min
Lab File: VD079412.D
Acq: 26 Jul 2024 17:15

Tgt Ion: 84 Resp: 13305
Ion Ratio Lower Upper
84 100
49 89.9 75.6 113.4
51 31.7 24.2 36.2
86 69.3 49.2 73.8





#33

1,2-Dichloroethane-d4

Concen: 111.044 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VD079412.D

Acq: 26 Jul 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

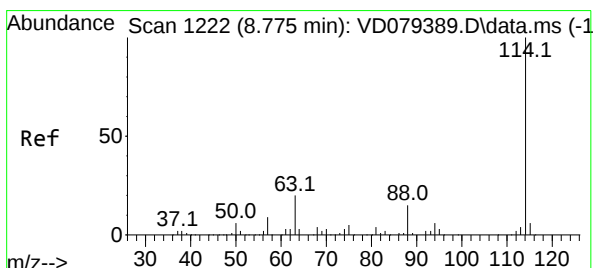
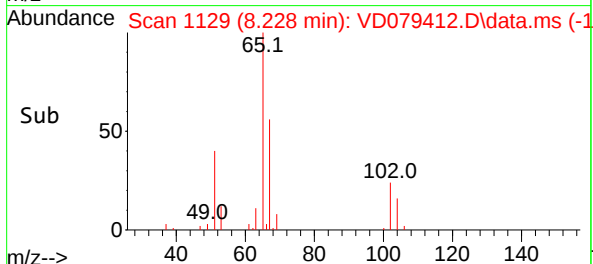
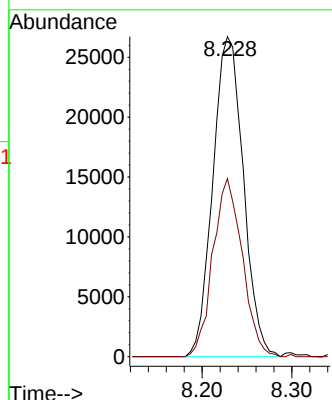
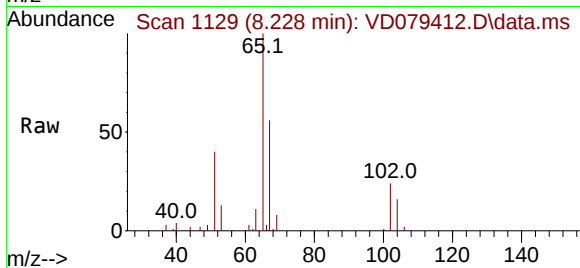
SP-A-GRAB

Tgt Ion: 65 Resp: 63057

Ion Ratio Lower Upper

65 100

67 53.6 0.0 111.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.000 min

Lab File: VD079412.D

Acq: 26 Jul 2024 17:15

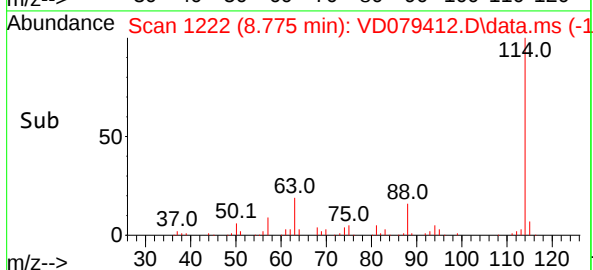
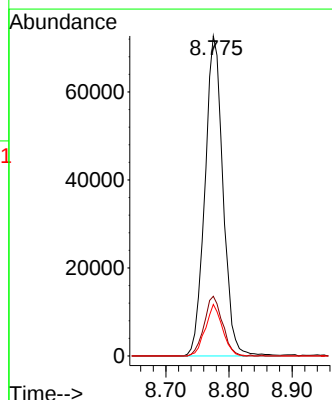
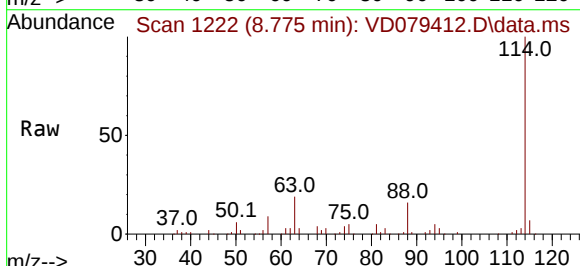
Tgt Ion: 114 Resp: 144628

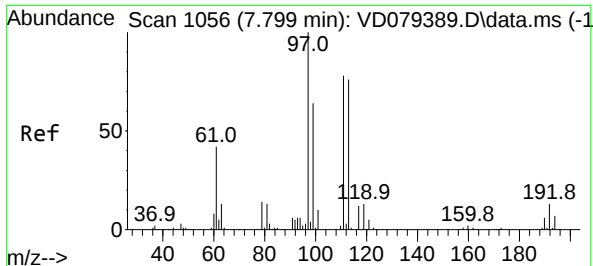
Ion Ratio Lower Upper

114 100

63 18.7 0.0 34.0

88 16.1 0.0 27.2





#35

Dibromofluoromethane

Concen: 78.199 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD079412.D

Acq: 26 Jul 2024 17:15

Instrument :

MSVOA_D

ClientSampleId :

SP-A-GRAB

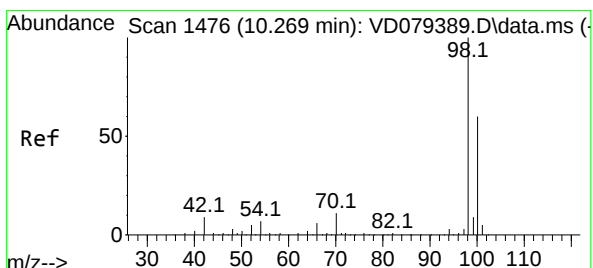
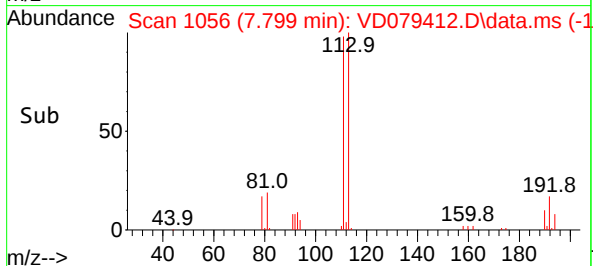
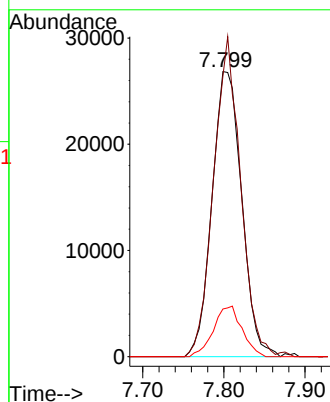
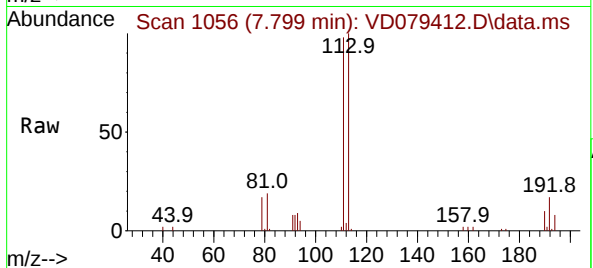
Tgt Ion:113 Resp: 68193

Ion Ratio Lower Upper

113 100

111 102.6 84.0 126.0

192 17.0 15.4 23.0



#50

Toluene-d8

Concen: 48.431 ug/l

RT: 10.269 min Scan# 1476

Delta R.T. -0.000 min

Lab File: VD079412.D

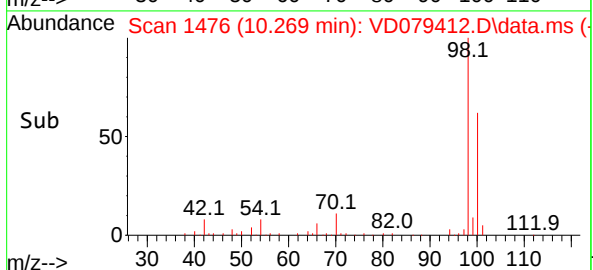
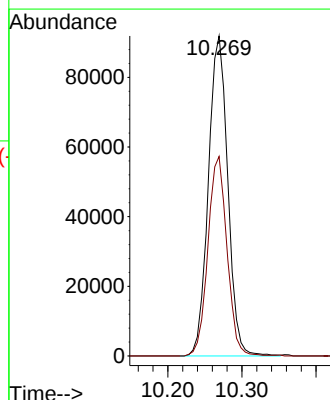
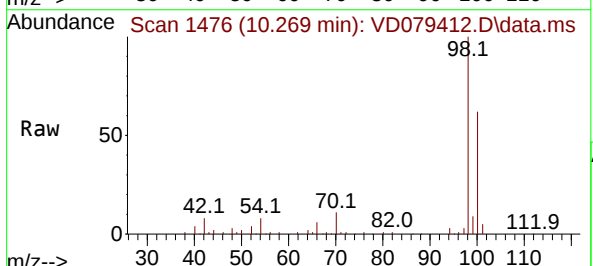
Acq: 26 Jul 2024 17:15

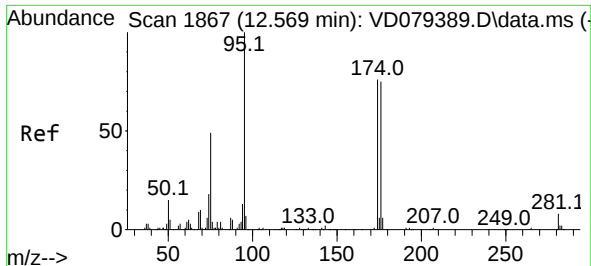
Tgt Ion: 98 Resp: 166952

Ion Ratio Lower Upper

98 100

100 61.4 51.6 77.4

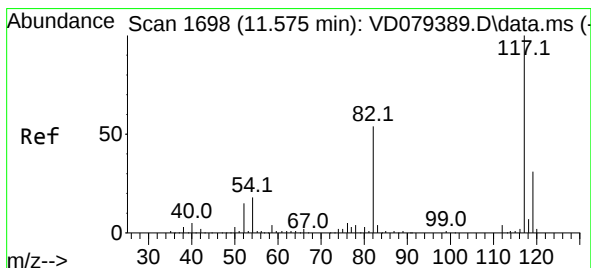
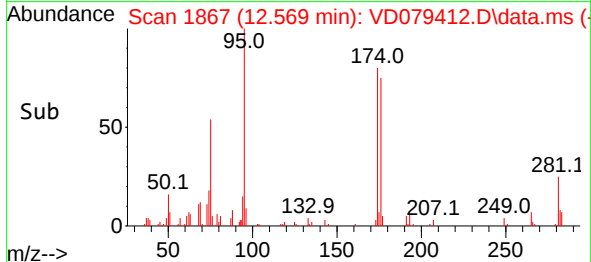
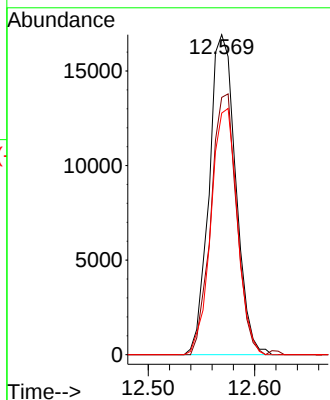
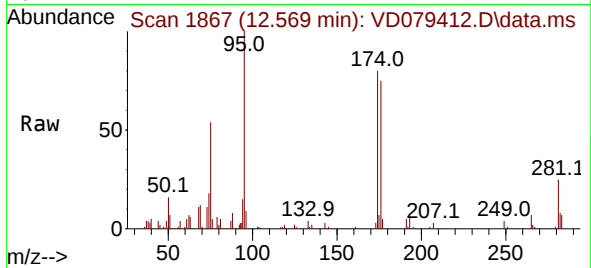




#62
4-Bromofluorobenzene
Concen: 27.457 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079412.D
Acq: 26 Jul 2024 17:15

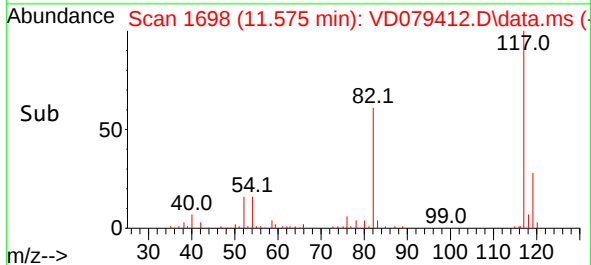
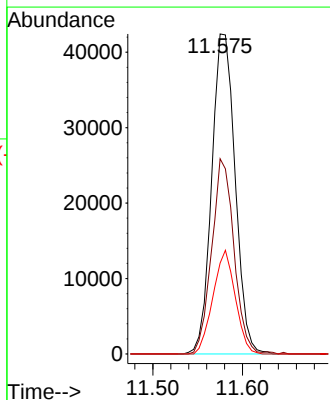
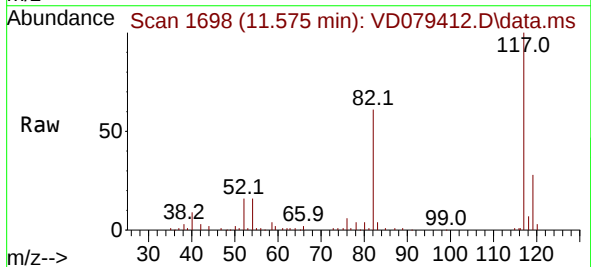
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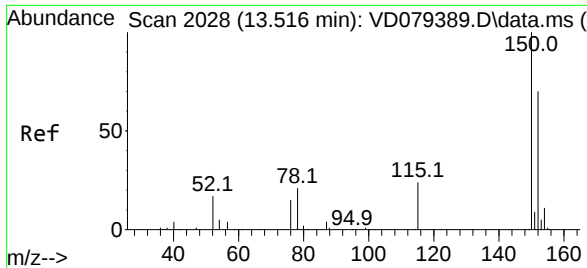
Tgt Ion:	95	Resp:	29317
Ion	Ratio	Lower	Upper
95	100		
174	78.8	0.0	195.4
176	76.1	0.0	192.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.575 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VD079412.D
Acq: 26 Jul 2024 17:15

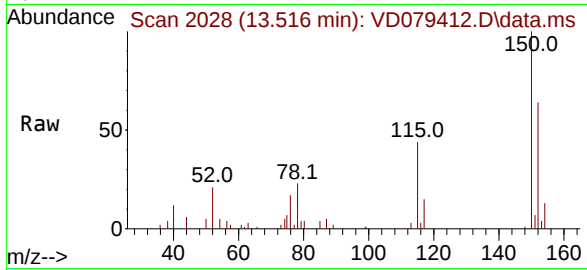
Tgt Ion:	117	Resp:	76883
Ion	Ratio	Lower	Upper
117	100		
82	61.0	39.8	59.6
119	28.4	25.7	38.5





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.516 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VD079412.D
 Acq: 26 Jul 2024 17:15

Instrument :
 MSVOA_D
 ClientSampleId :
 SP-A-GRAB



Tgt Ion:152 Resp: 12900
 Ion Ratio Lower Upper
 152 100
 115 61.5 26.5 79.5
 150 162.9 0.0 341.6

