

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090624\
 Data File : VD079802.D
 Acq On : 06 Sep 2024 16:56
 Operator : RP/MD
 Sample : P3857-09
 Misc : 6.14G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 WC-D1-GRAB

Quant Time: Sep 07 00:00:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

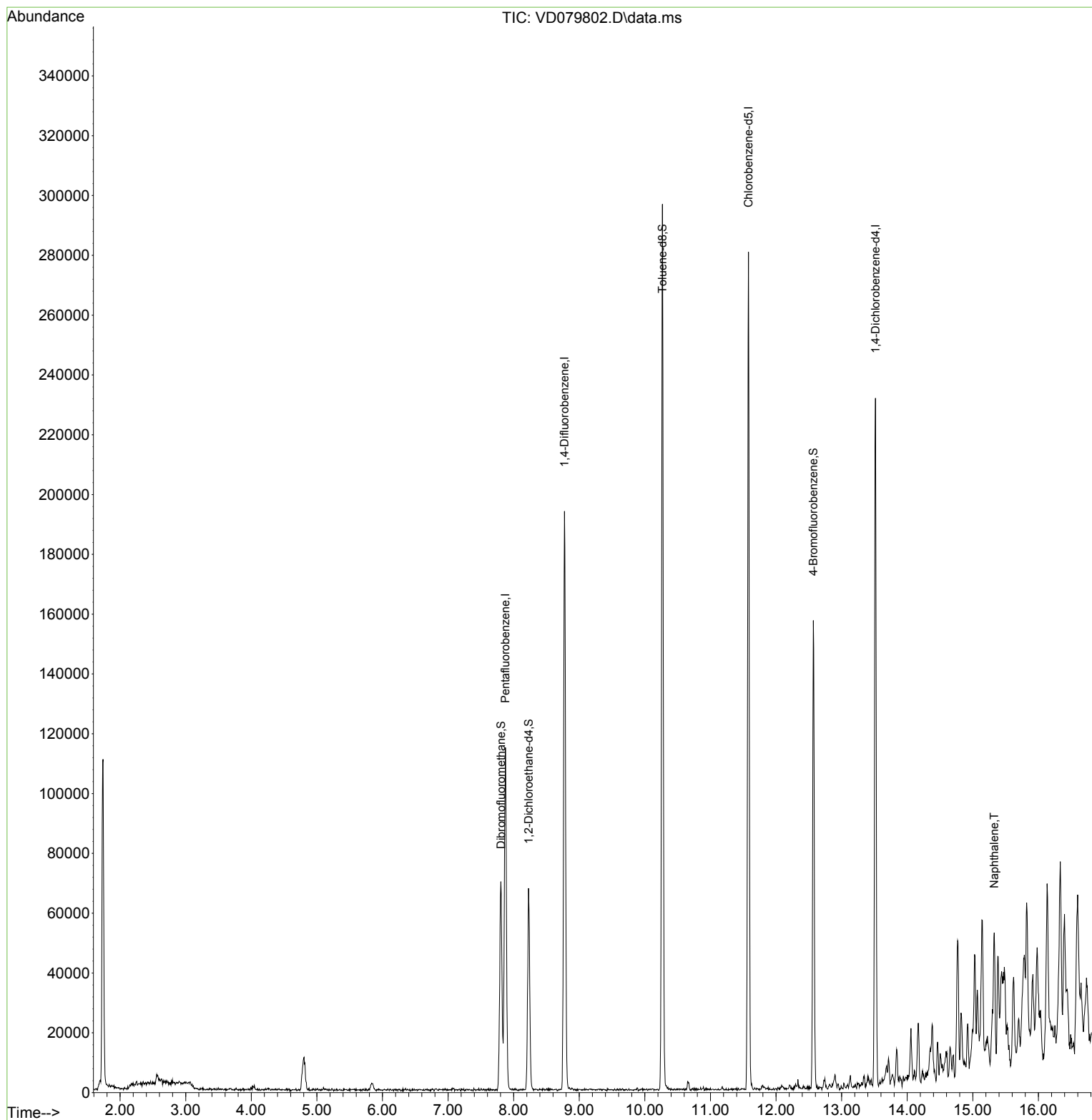
Internal Standards						
1) Pentafluorobenzene	7.875	168	77738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	164874	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	149648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	57971	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	50375	47.526	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.060%
35) Dibromofluoromethane	7.810	113	49978	46.636	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.280%
50) Toluene-d8	10.269	98	198395	43.165	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	86.340%
62) 4-Bromofluorobenzene	12.569	95	47089	36.616	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	73.240%
Target Compounds						
95) Naphthalene	15.328	128	34175	18.163	ug/l	Qvalue # 97

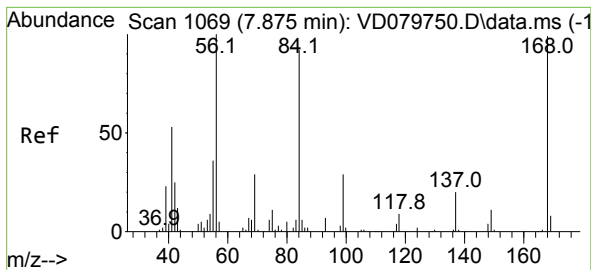
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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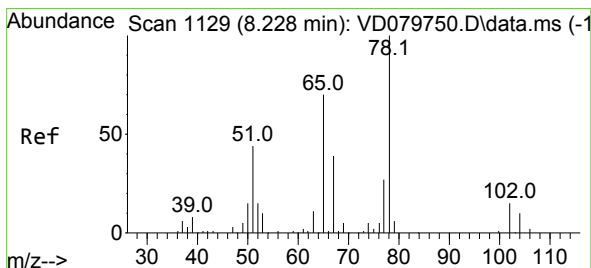
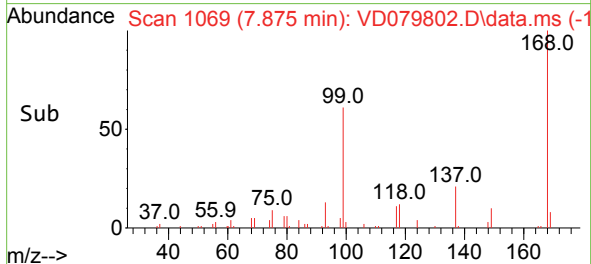
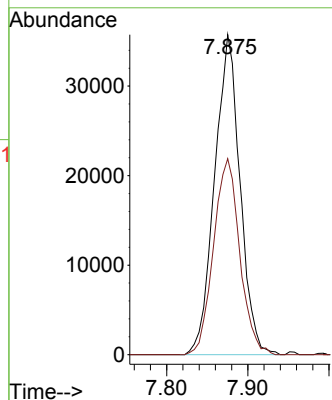
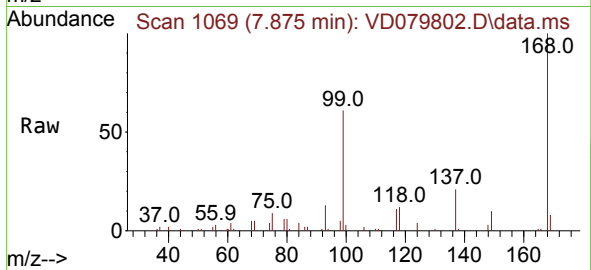




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

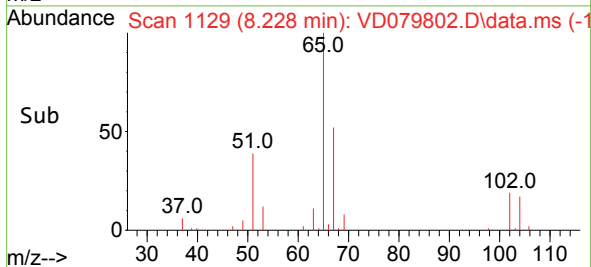
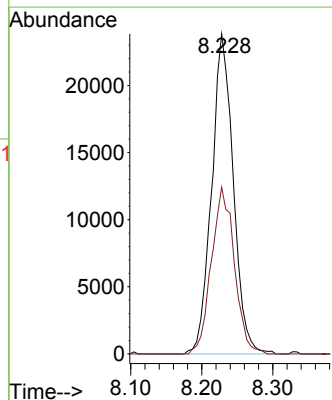
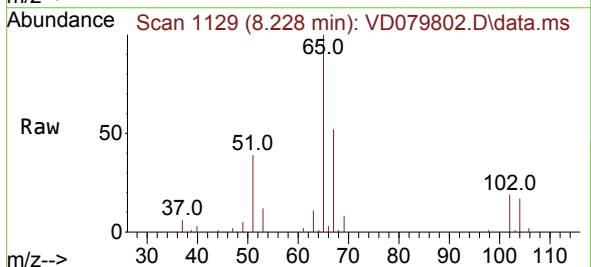
Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB

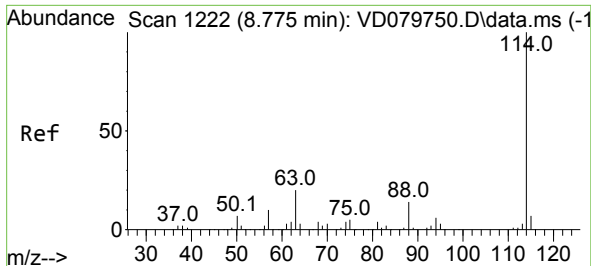
Tgt Ion:168 Resp: 77738
Ion Ratio Lower Upper
168 100
99 61.2 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 47.526 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. 0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Tgt Ion: 65 Resp: 50375
Ion Ratio Lower Upper
65 100
67 55.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

Instrument :

MSVOA_D

ClientSampleId :

WC-D1-GRAB

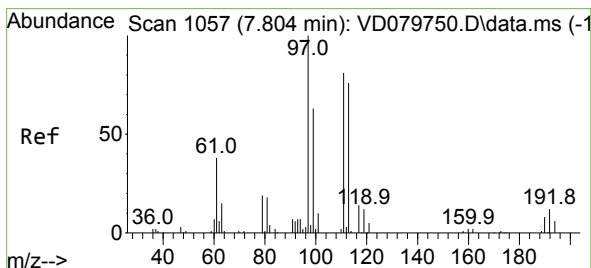
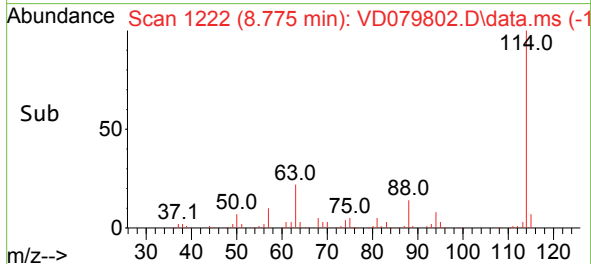
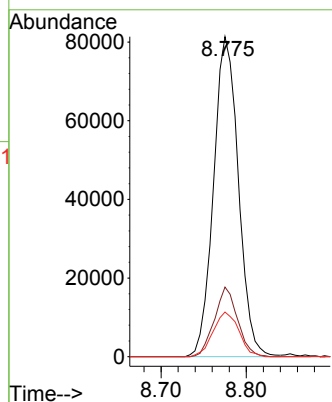
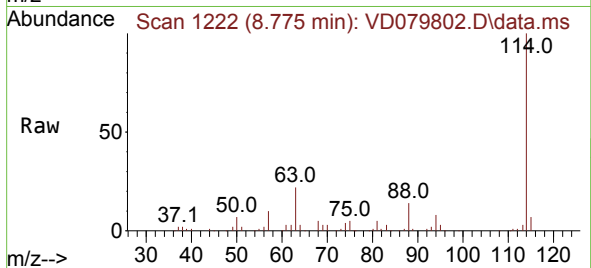
Tgt Ion:114 Resp: 164874

Ion Ratio Lower Upper

114 100

63 21.8 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.636 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.005 min

Lab File: VD079802.D

Acq: 06 Sep 2024 16:56

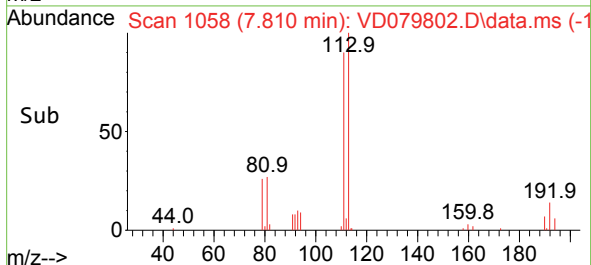
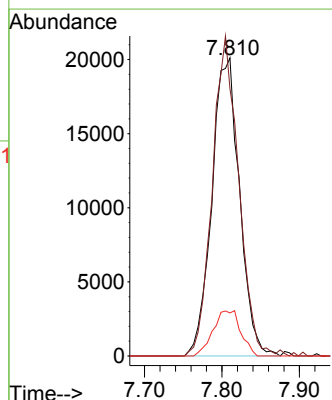
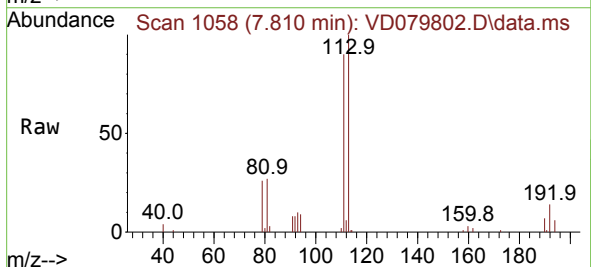
Tgt Ion:113 Resp: 49978

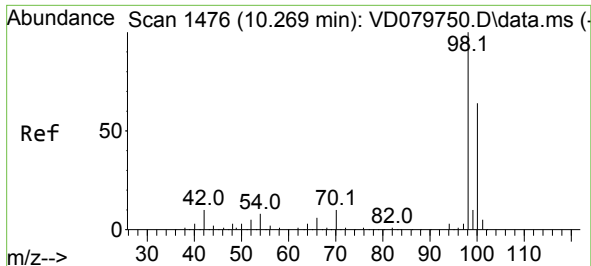
Ion Ratio Lower Upper

113 100

111 101.9 84.0 126.0

192 15.1 15.4 23.0#

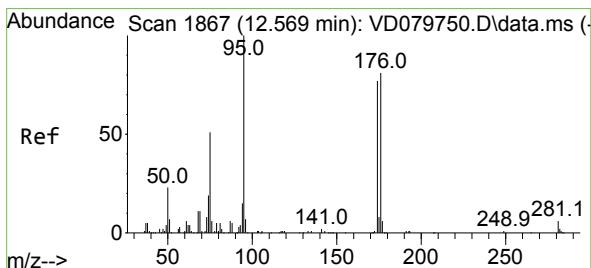
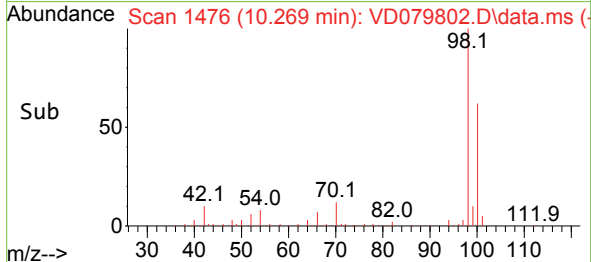
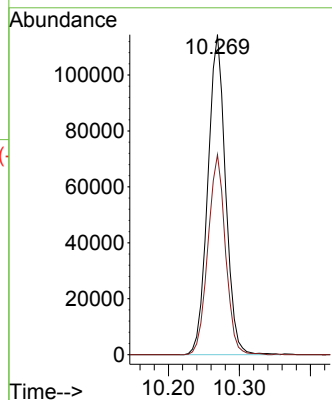
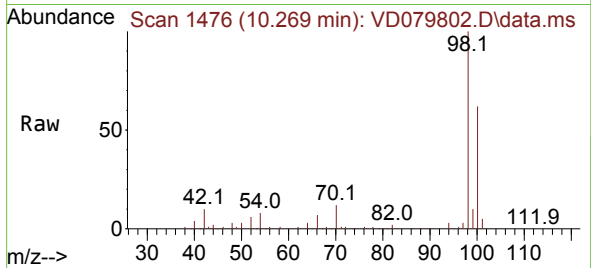




#50
Toluene-d8
Concen: 43.165 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

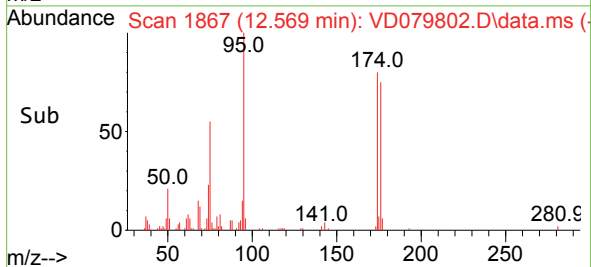
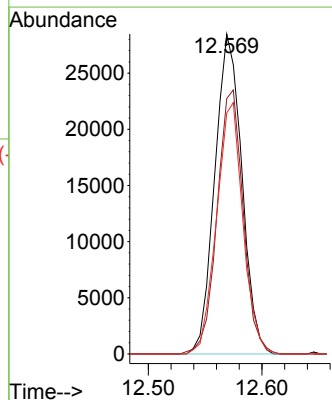
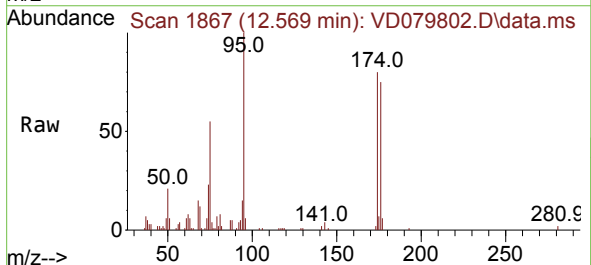
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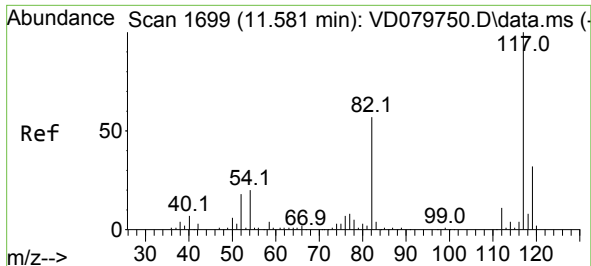
Tgt Ion: 98 Resp: 198395
Ion Ratio Lower Upper
98 100
100 61.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 36.616 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Tgt Ion: 95 Resp: 47089
Ion Ratio Lower Upper
95 100
174 79.5 0.0 195.4
176 76.6 0.0 192.6

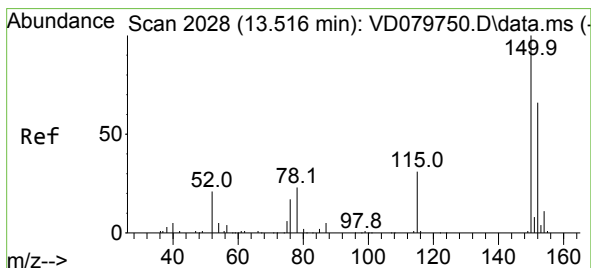
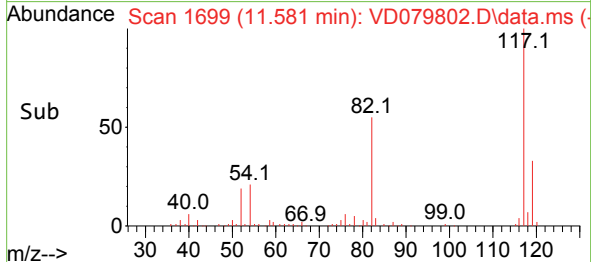
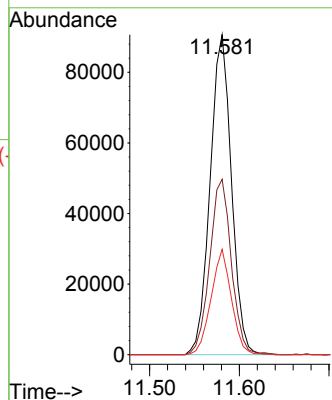
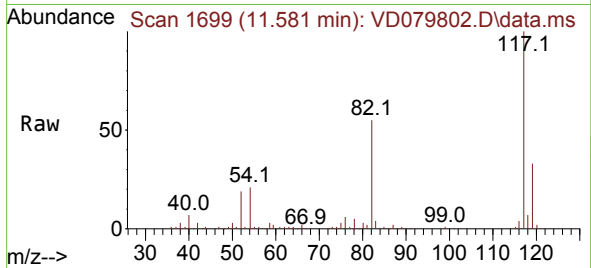




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

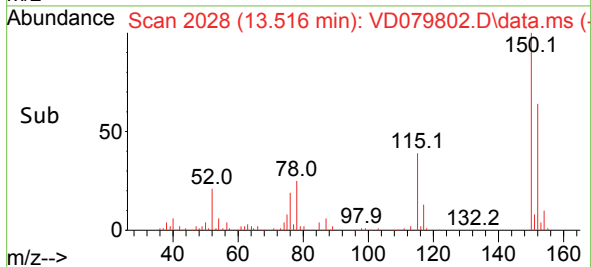
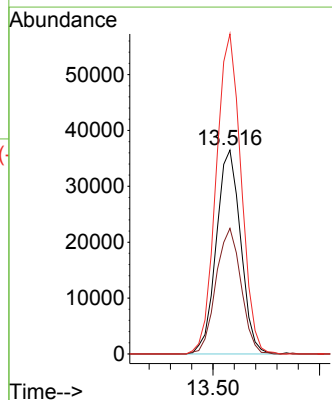
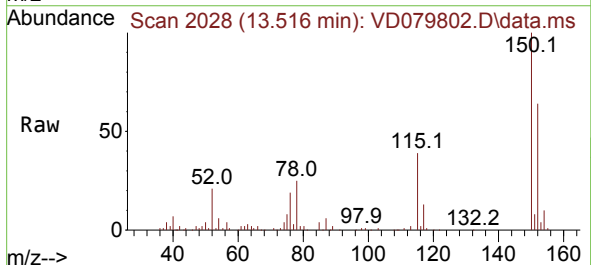
Instrument :
MSVOA_D
ClientSampleId :
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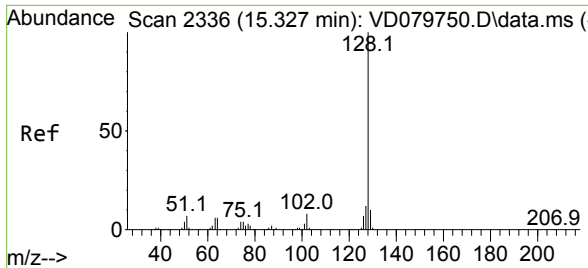
Tgt Ion:117 Resp: 149648
Ion Ratio Lower Upper
117 100
82 54.8 39.8 59.6
119 32.9 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

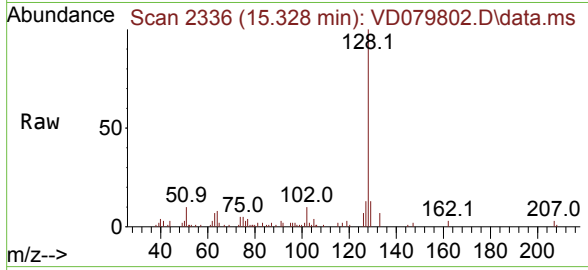
Tgt Ion:152 Resp: 57971
Ion Ratio Lower Upper
152 100
115 63.4 26.5 79.5
150 160.6 0.0 341.6





#95
Naphthalene
Concen: 18.163 ug/l
RT: 15.328 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD079802.D
Acq: 06 Sep 2024 16:56

Instrument :
MSVOA_D
ClientSampleId :
WC-D1-GRAB



Tgt Ion:128 Resp: 34175
Ion Ratio Lower Upper
128 100
127 13.0 10.2 15.4
129 13.2 8.5 12.7#

