

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080124\
 Data File : VD079528.D
 Acq On : 01 Aug 2024 16:22
 Operator : RP/MD
 Sample : VD0801SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0801SBL01

Quant Time: Aug 02 01:28:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 30 03:50:47 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191195	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	335471	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	303896	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	133437	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	111504	57.406	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.820%
35) Dibromofluoromethane	7.805	113	123494	54.388	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.780%
50) Toluene-d8	10.269	98	463252	52.537	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	105.080%
62) 4-Bromofluorobenzene	12.569	95	120010	47.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	94.060%

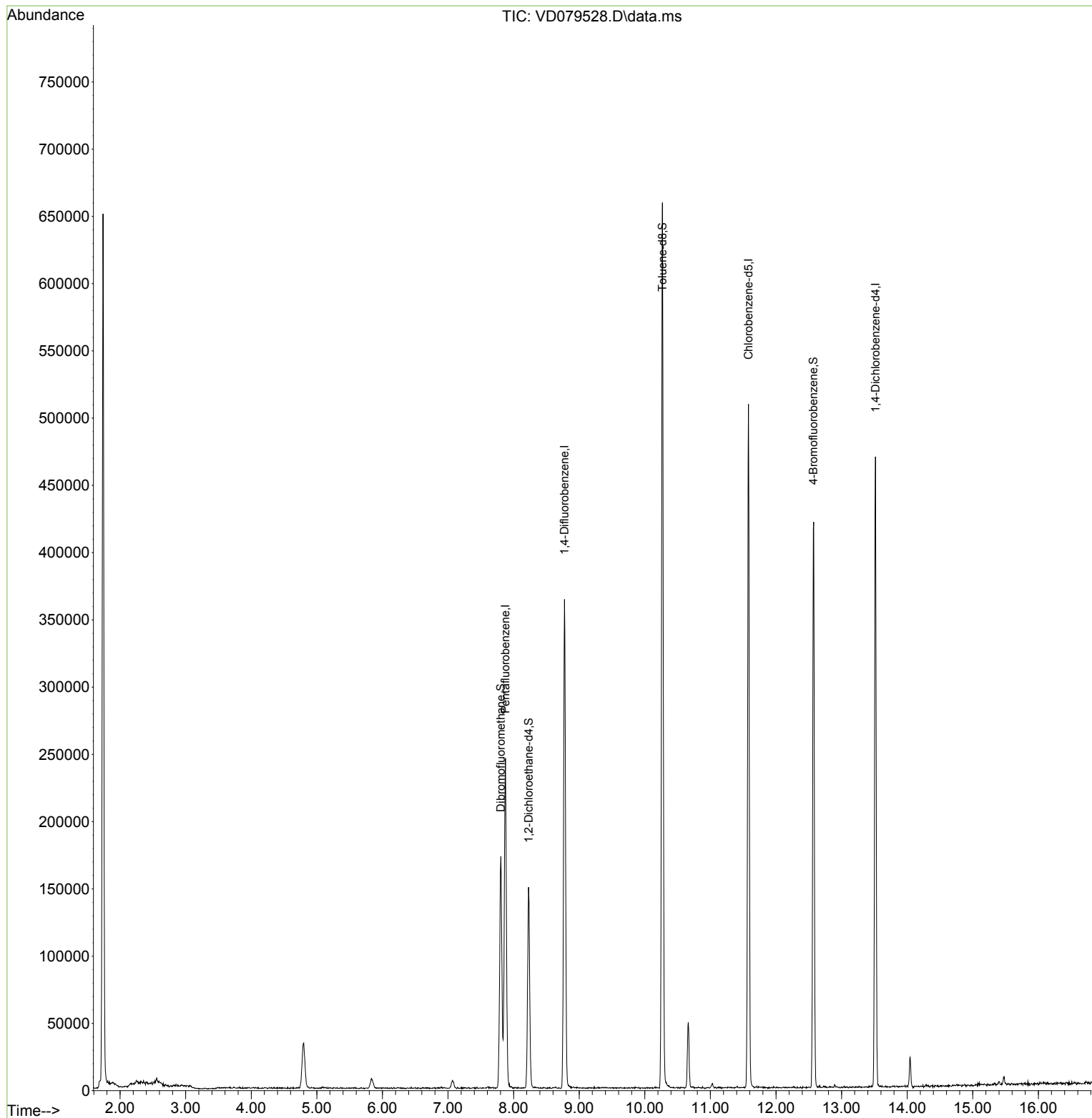
Target Compounds	Qvalue

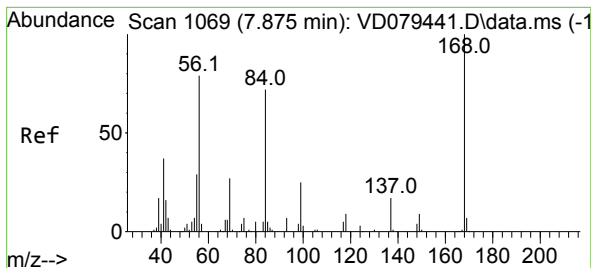
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jul 30 03:50:47 2024
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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: VD079528.D

Acq: 01 Aug 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

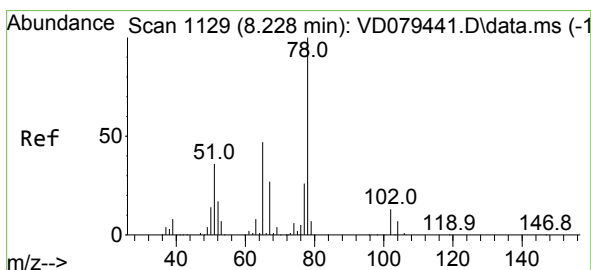
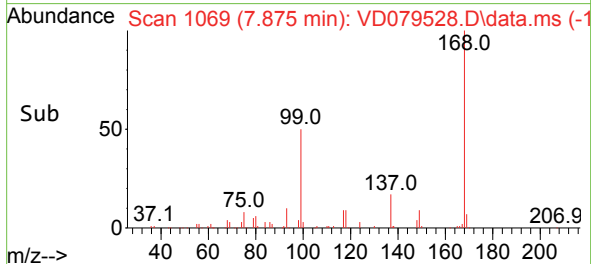
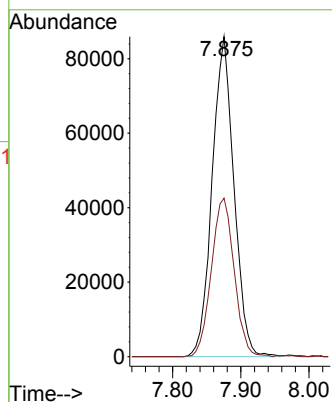
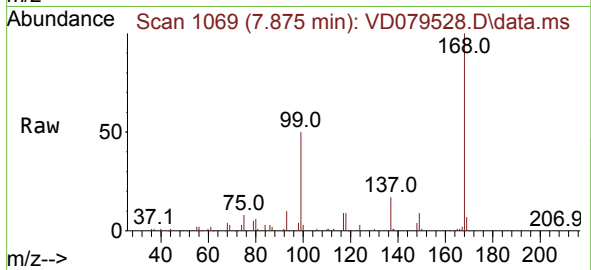
VD0801SBL01

Tgt Ion:168 Resp: 191195

Ion Ratio Lower Upper

168 100

99 49.5 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 57.406 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079528.D

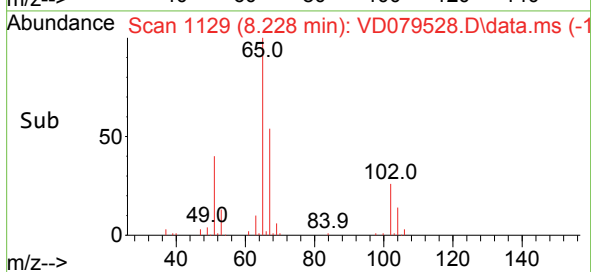
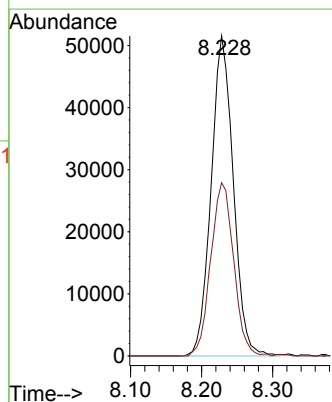
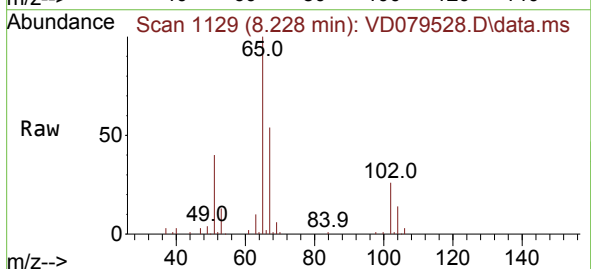
Acq: 01 Aug 2024 16:22

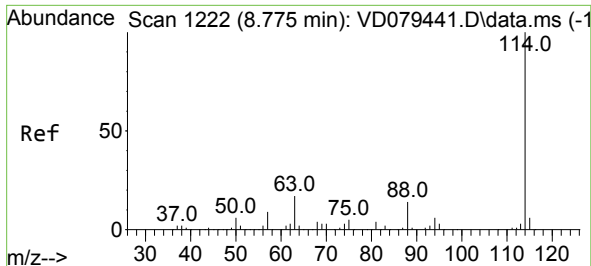
Tgt Ion: 65 Resp: 111504

Ion Ratio Lower Upper

65 100

67 56.0 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD079528.D

Acq: 01 Aug 2024 16:22

Instrument :

MSVOA_D

ClientSampleId :

VD0801SBL01

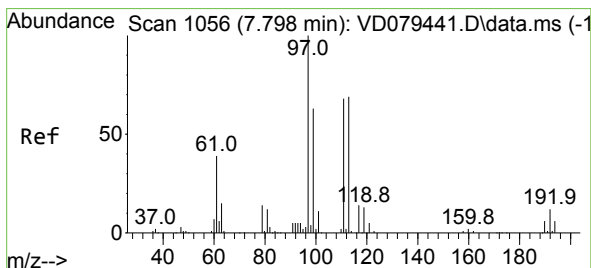
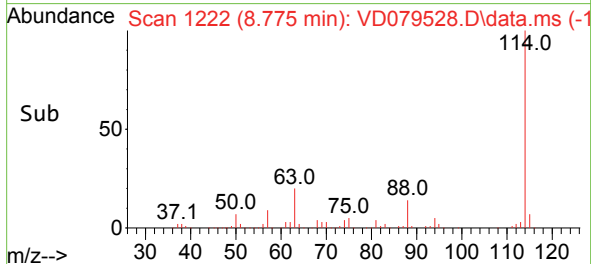
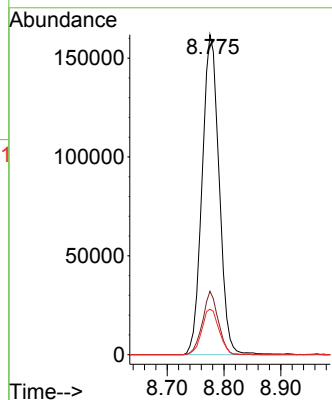
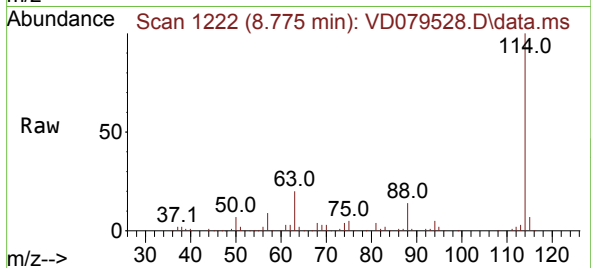
Tgt Ion:114 Resp: 335471

Ion Ratio Lower Upper

114 100

63 19.8 0.0 34.0

88 14.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.388 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079528.D

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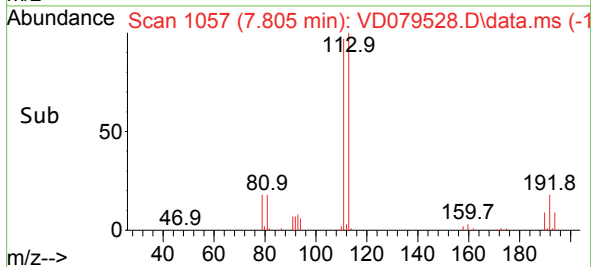
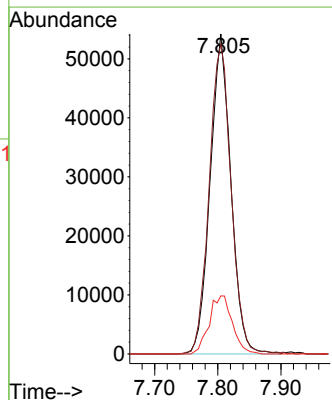
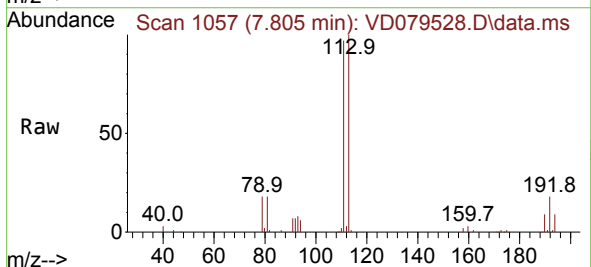
Tgt Ion:113 Resp: 123494

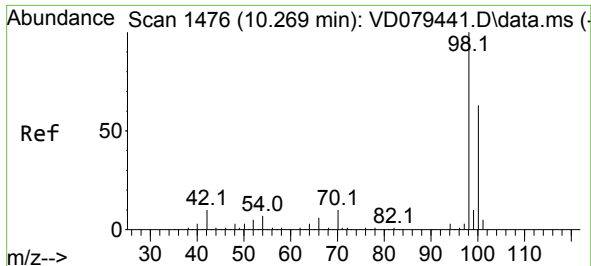
Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 20.3 15.4 23.0

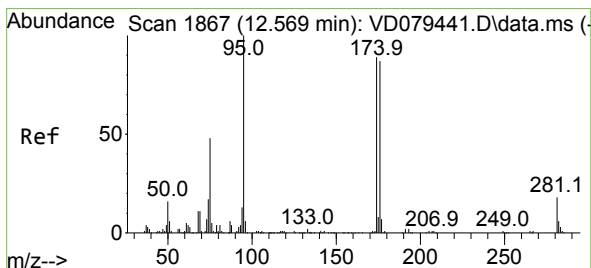
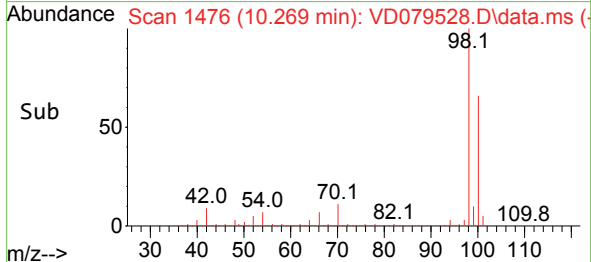
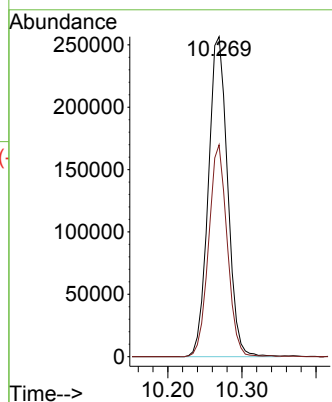
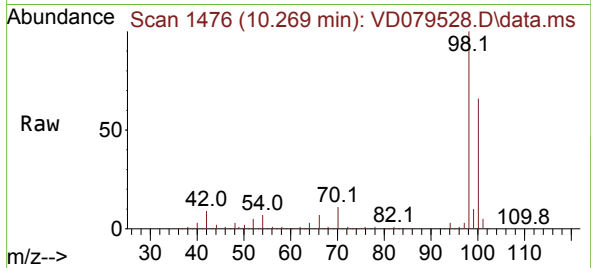




#50
Toluene-d8
Concen: 52.537 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079528.D
Acq: 01 Aug 2024 16:22

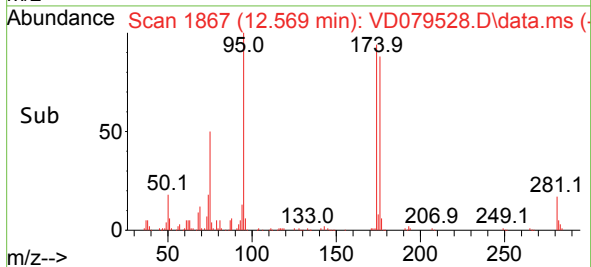
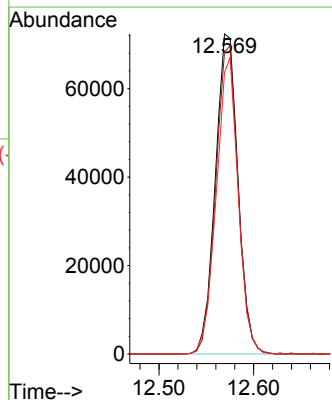
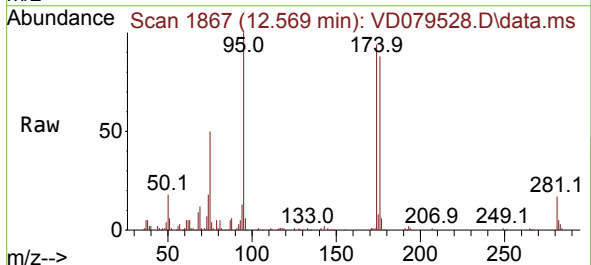
Instrument :
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VD0801SBL01

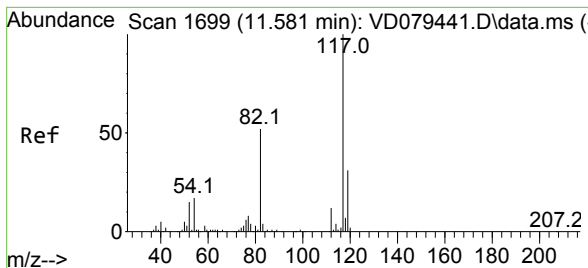
Tgt Ion: 98 Resp: 463252
Ion Ratio Lower Upper
98 100
100 63.7 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 47.032 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079528.D
Acq: 01 Aug 2024 16:22

Tgt Ion: 95 Resp: 120010
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.4
176 89.7 0.0 192.6

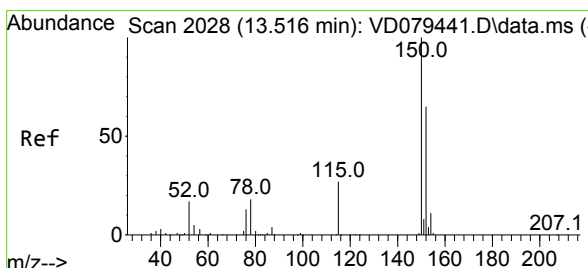
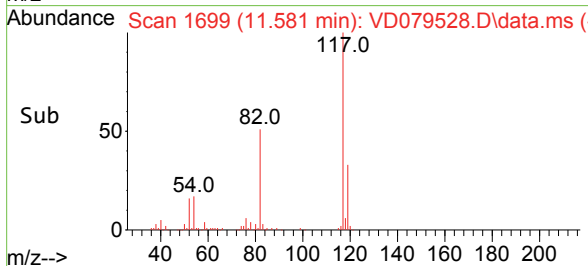
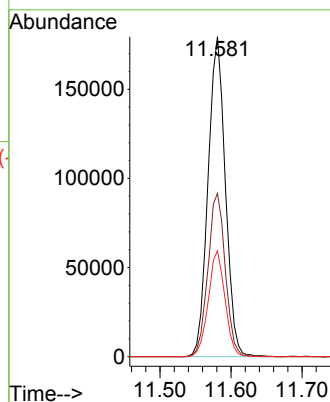
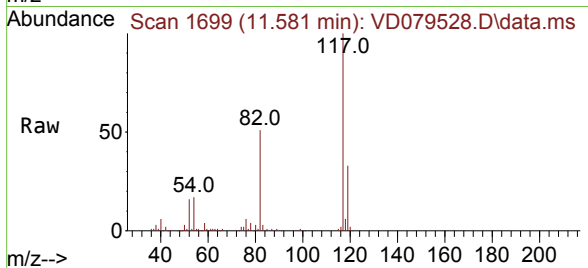




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079528.D
Acq: 01 Aug 2024 16:22

Instrument :
MSVOA_D
ClientSampleId :
VD0801SBL01

Tgt Ion:117 Resp: 303896
Ion Ratio Lower Upper
117 100
82 51.0 39.8 59.6
119 33.1 25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.006 min
Lab File: VD079528.D
Acq: 01 Aug 2024 16:22

Tgt Ion:152 Resp: 133437
Ion Ratio Lower Upper
152 100
115 53.0 26.5 79.5
150 155.7 0.0 341.6

