

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079549.D
 Acq On : 02 Aug 2024 18:26
 Operator : RP/MD
 Sample : P3402-01
 Misc : 5.04G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VNJ-222

Quant Time: Aug 02 19:03:00 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	199546	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	351586	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	324774	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	146697	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	101454	50.046	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.100%
35) Dibromofluoromethane	7.804	113	107749	45.278	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.560%
50) Toluene-d8	10.269	98	385811	41.749	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	83.500%
62) 4-Bromofluorobenzene	12.575	95	102765	38.428	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.860%

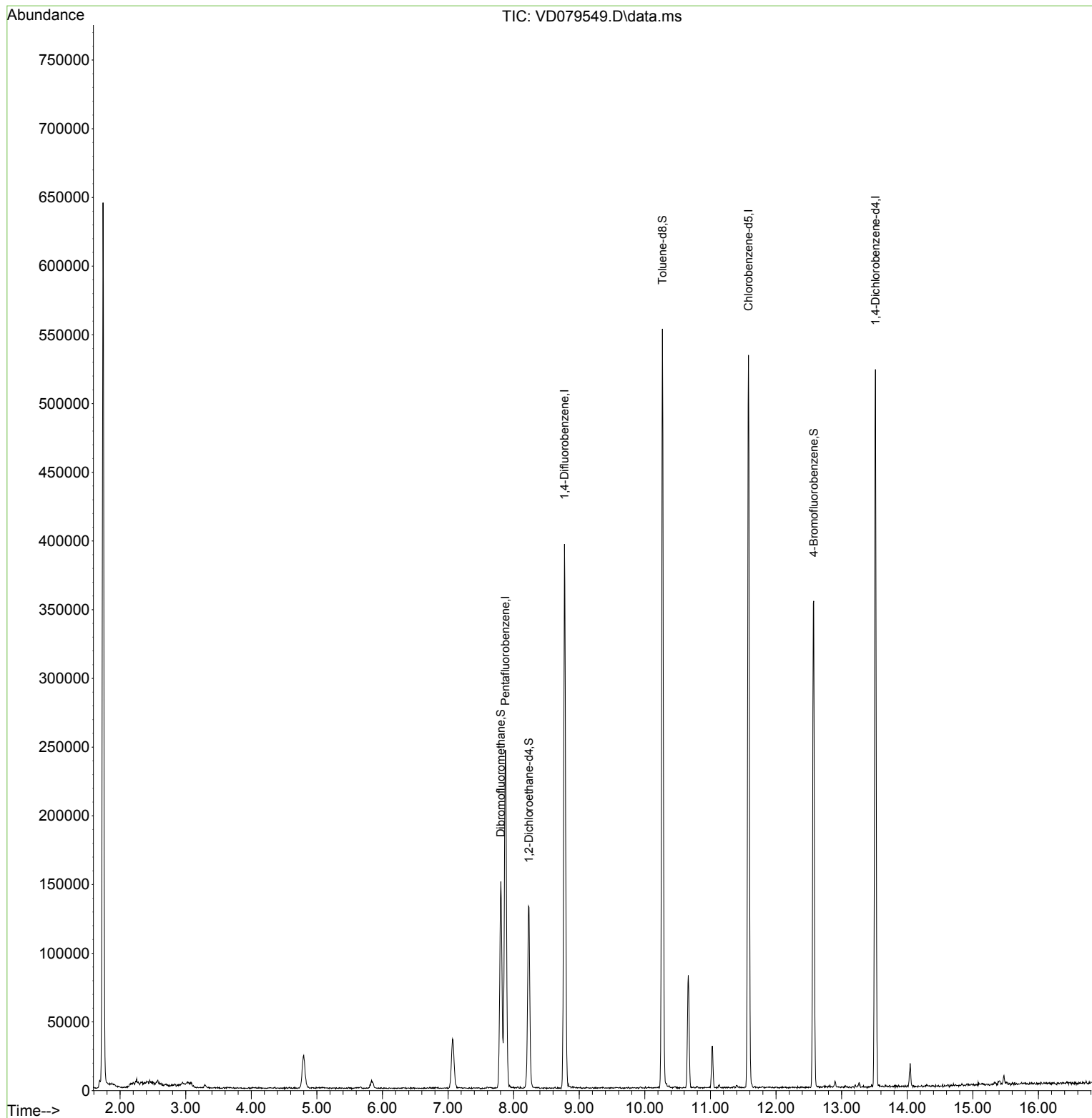
Target Compounds	Qvalue

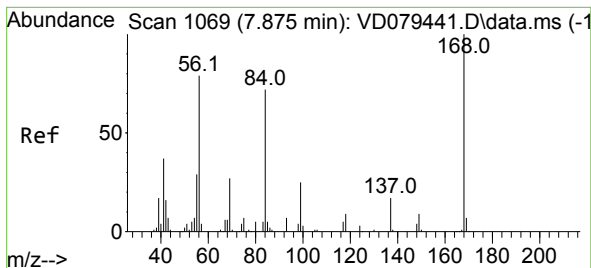
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079549.D

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Instrument :

MSVOA_D

ClientSampleId :

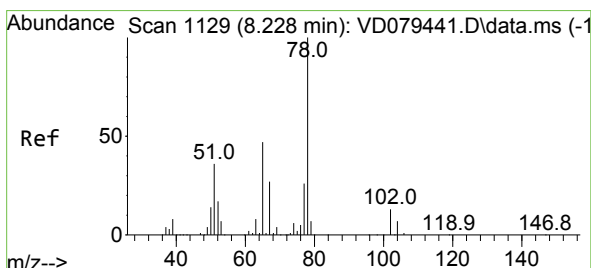
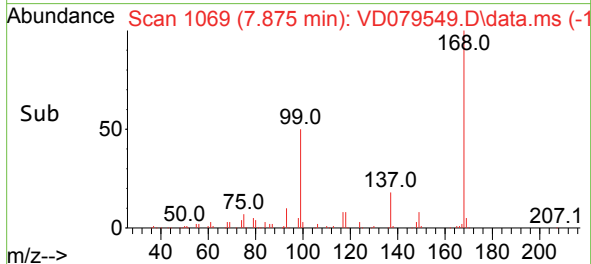
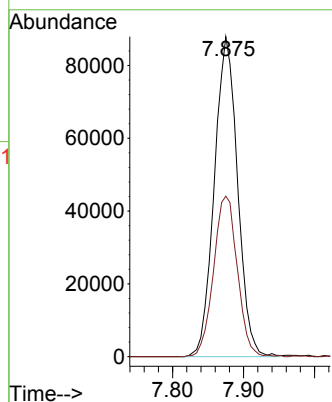
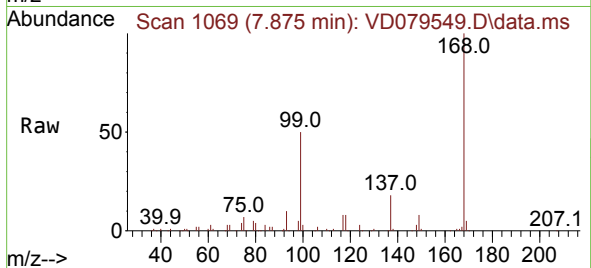
VNJ-222

Tgt Ion:168 Resp: 199546

Ion Ratio Lower Upper

168 100

99 50.1 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 50.046 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD079549.D

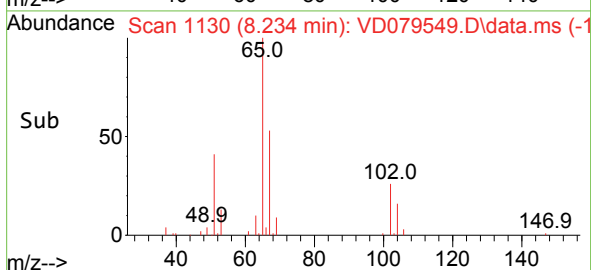
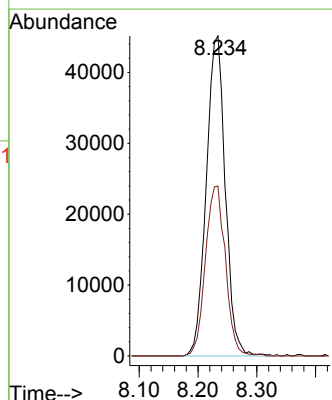
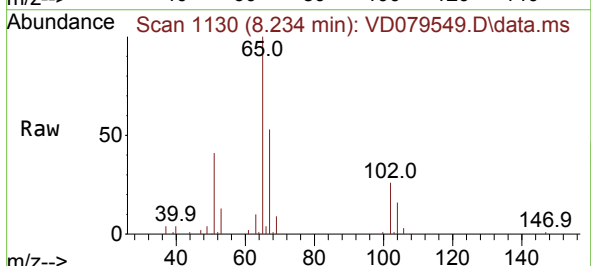
Acq: 02 Aug 2024 18:26

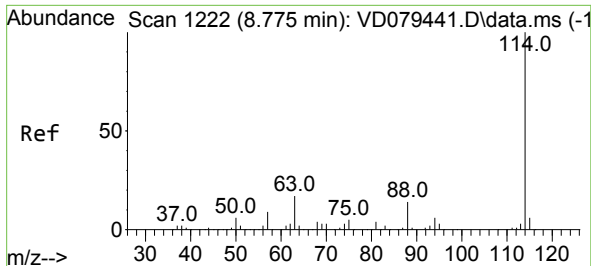
Tgt Ion: 65 Resp: 101454

Ion Ratio Lower Upper

65 100

67 55.9 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: VD079549.D

Acq: 02 Aug 2024 18:26

Instrument :

MSVOA_D

ClientSampleId :

VNJ-222

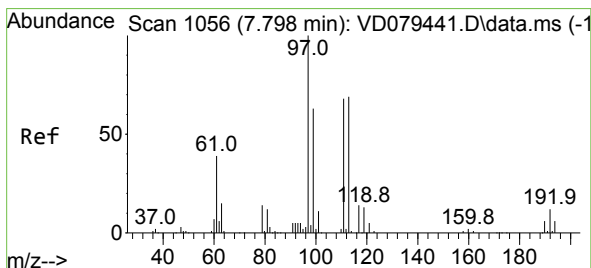
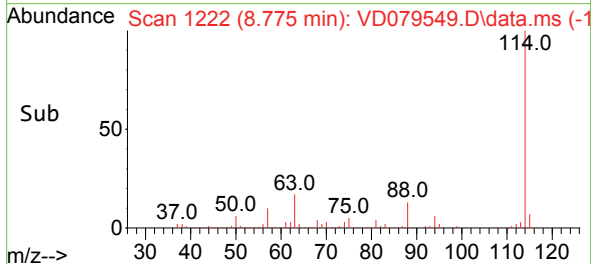
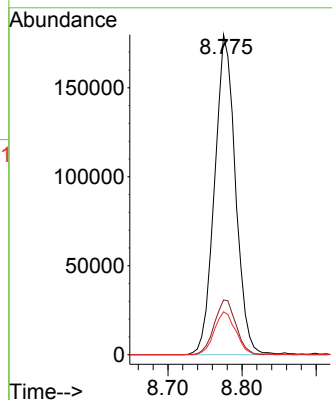
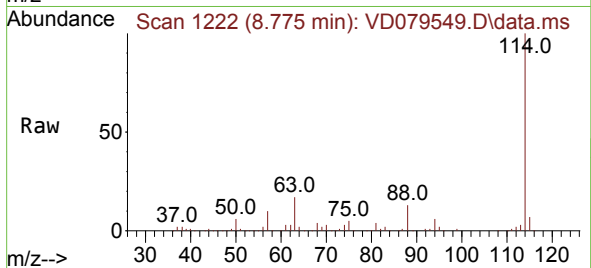
Tgt Ion:114 Resp: 351586

Ion Ratio Lower Upper

114 100

63 17.1 0.0 34.0

88 13.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.278 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079549.D

Acq: 02 Aug 2024 18:26

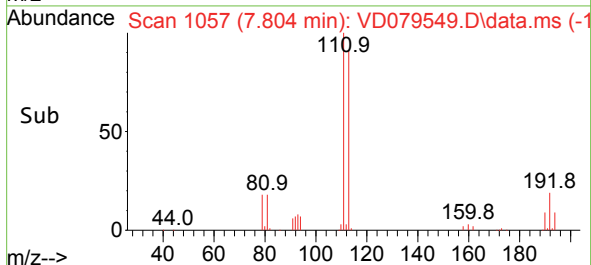
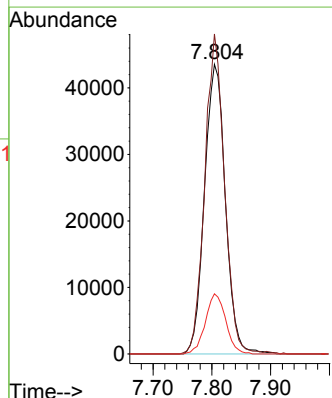
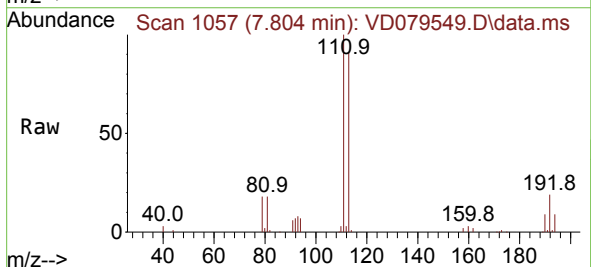
Tgt Ion:113 Resp: 107749

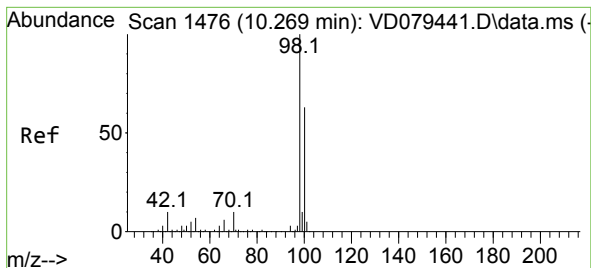
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 20.3 15.4 23.0

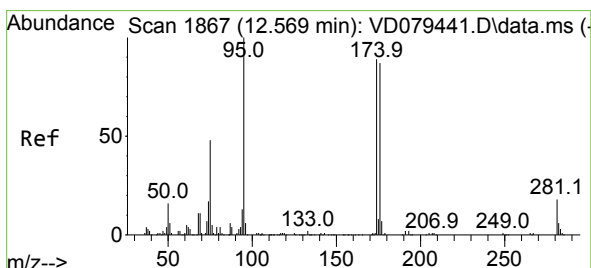
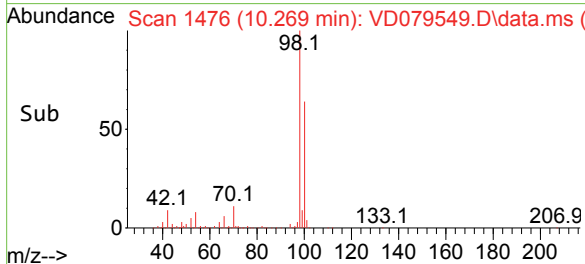
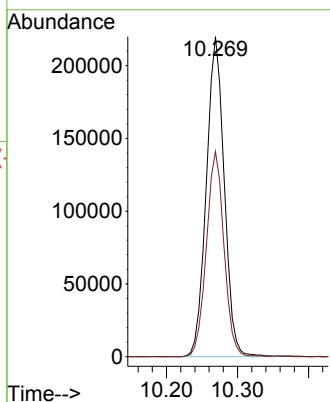
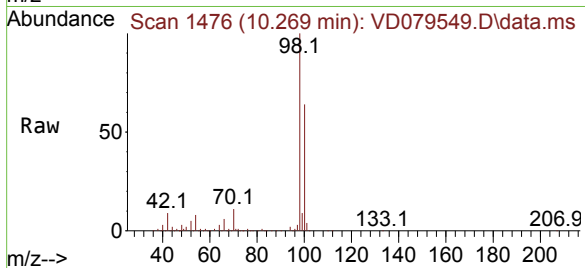




#50
Toluene-d8
Concen: 41.749 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079549.D
Acq: 02 Aug 2024 18:26

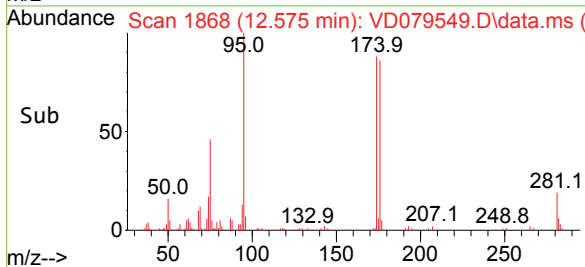
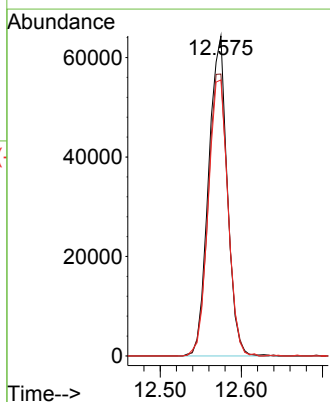
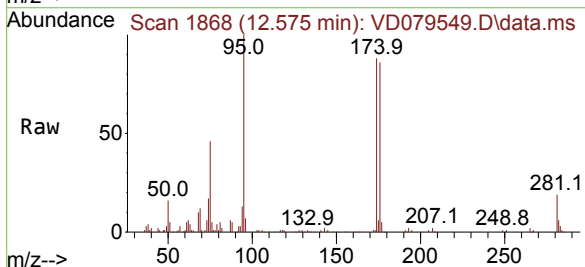
Instrument :
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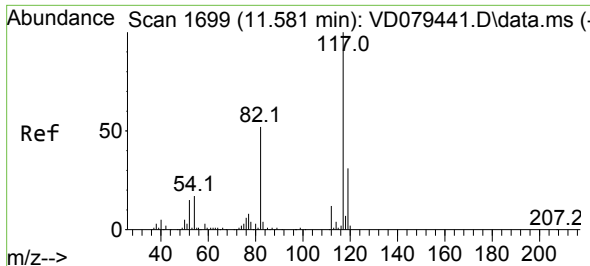
Tgt Ion: 98 Resp: 385811
Ion Ratio Lower Upper
98 100
100 63.0 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 38.428 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079549.D
Acq: 02 Aug 2024 18:26

Tgt Ion: 95 Resp: 102765
Ion Ratio Lower Upper
95 100
174 92.9 0.0 195.4
176 91.0 0.0 192.6

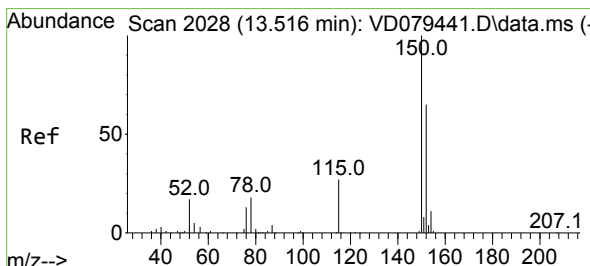
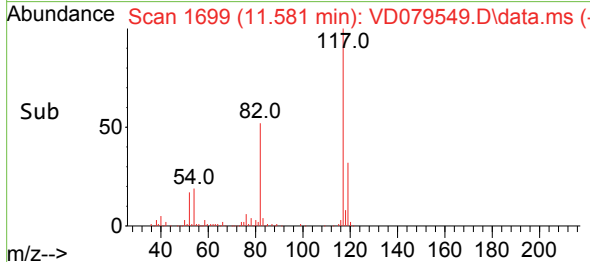
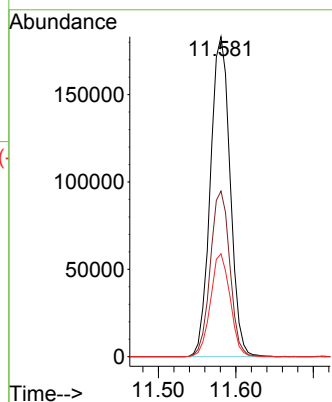
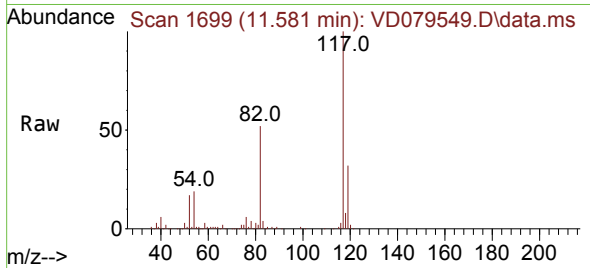




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079549.D
Acq: 02 Aug 2024 18:26

Instrument :
MSVOA_D
ClientSampleId :
VNJ-222

Tgt Ion:117 Resp: 324774
Ion Ratio Lower Upper
117 100
82 51.8 39.8 59.6
119 32.1 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: VD079549.D
Acq: 02 Aug 2024 18:26

Tgt Ion:152 Resp: 146697
Ion Ratio Lower Upper
152 100
115 54.7 26.5 79.5
150 155.5 0.0 341.6

