

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062824\
 Data File : VD079285.D
 Acq On : 28 Jun 2024 16:31
 Operator : RP/MD
 Sample : VIBLK
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VIBLK

Quant Time: Jun 29 06:10:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062824S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 29 05:53:01 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	136670	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	353180	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	326639	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	131100	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86071	65.683	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	131.360%
35) Dibromofluoromethane	7.805	113	125224	54.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.040%
50) Toluene-d8	10.269	98	421676	50.561	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	101.120%
62) 4-Bromofluorobenzene	12.575	95	132402	49.508	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.020%

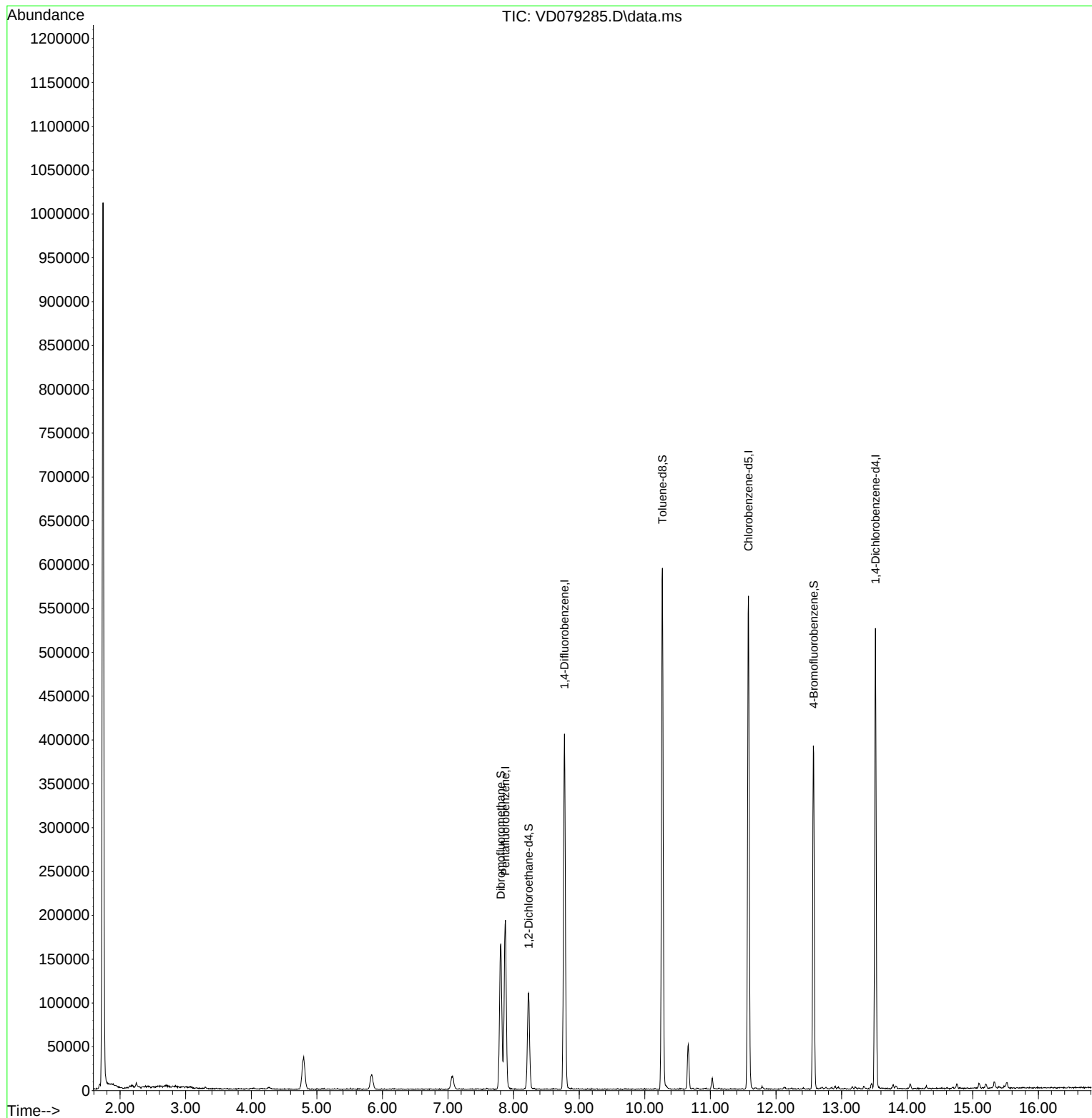
Target Compounds	Qvalue

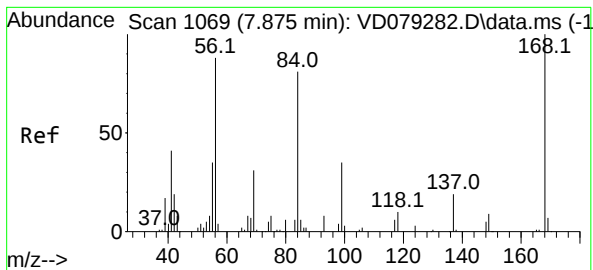
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079285.D

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Instrument :

MSVOA_D

ClientSampleId :

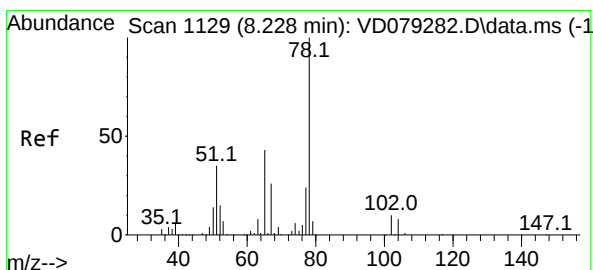
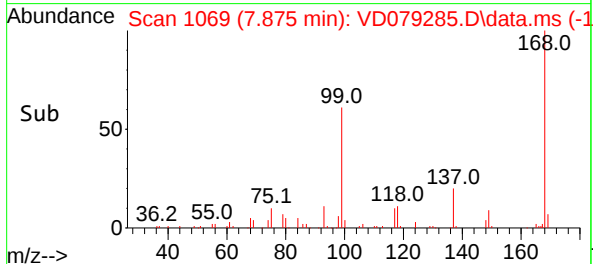
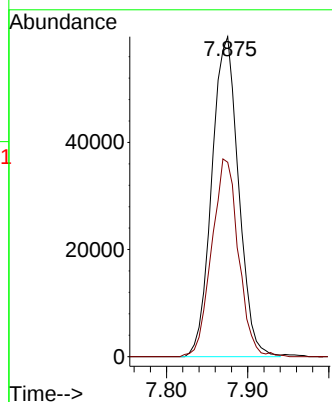
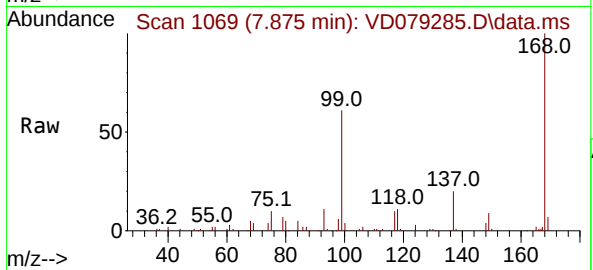
VIBLK

Tgt Ion:168 Resp: 136670

Ion Ratio Lower Upper

168 100

99 60.8 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 65.683 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079285.D

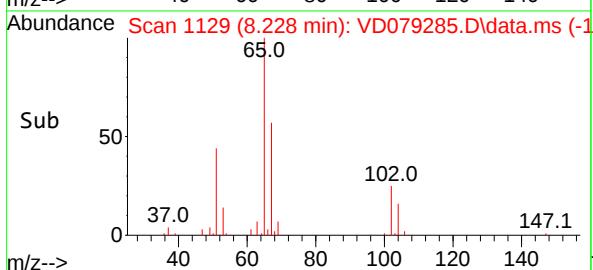
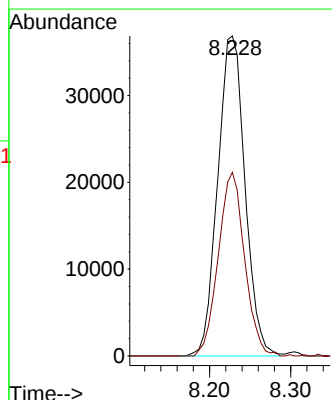
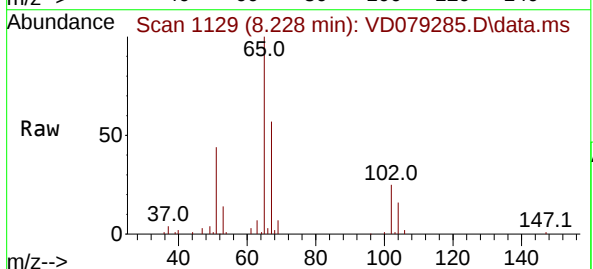
Acq: 28 Jun 2024 16:31

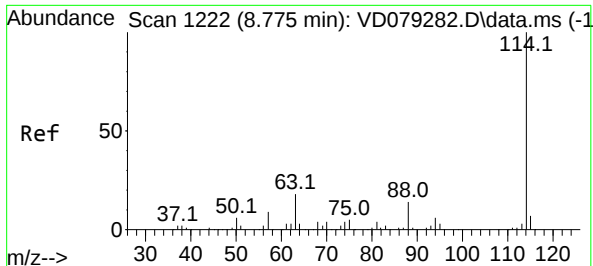
Tgt Ion: 65 Resp: 86071

Ion Ratio Lower Upper

65 100

67 55.4 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: VD079285.D

Acq: 28 Jun 2024 16:31

Instrument :

MSVOA_D

ClientSampleId :

VIBLK

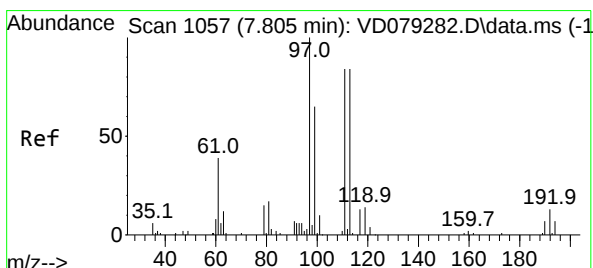
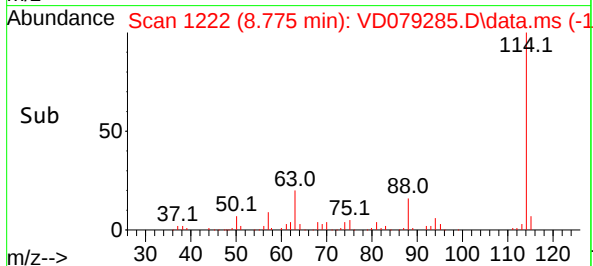
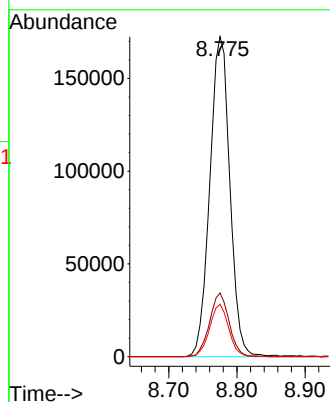
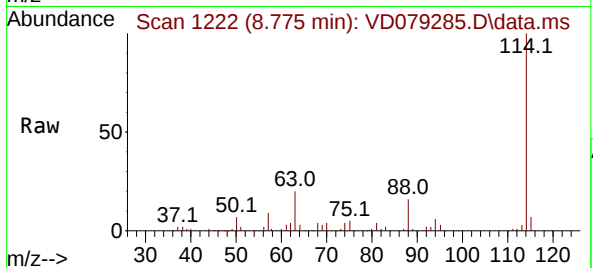
Tgt Ion:114 Resp: 353180

Ion Ratio Lower Upper

114 100

63 19.9 0.0 34.0

88 16.4 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.016 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079285.D

Acq: 28 Jun 2024 16:31

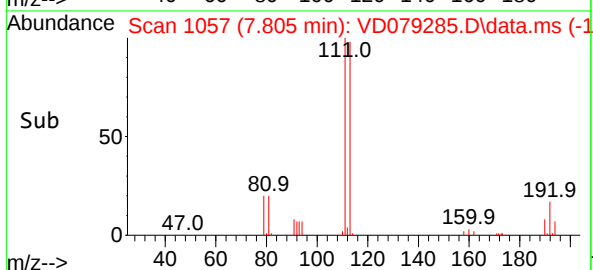
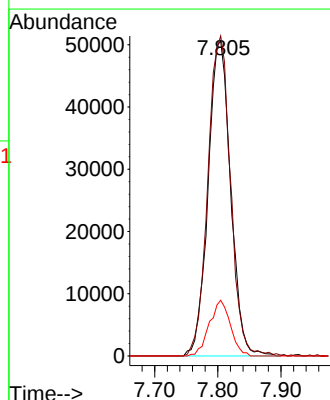
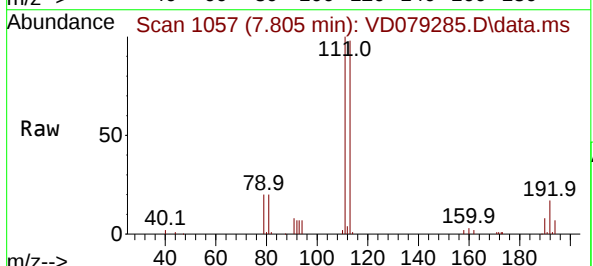
Tgt Ion:113 Resp: 125224

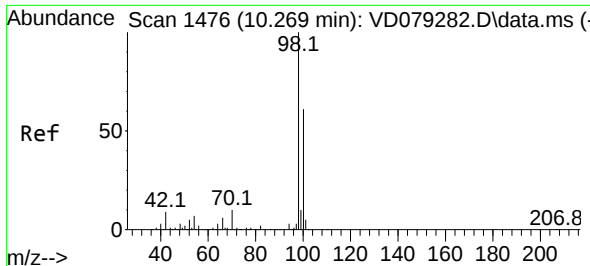
Ion Ratio Lower Upper

113 100

111 102.3 84.0 126.0

192 16.5 15.4 23.0

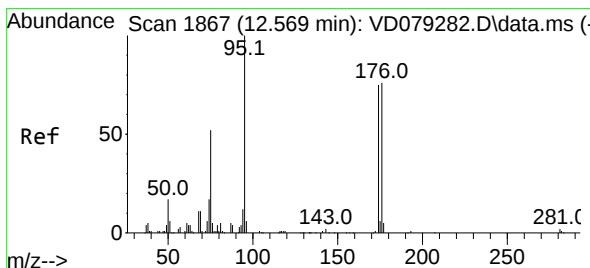
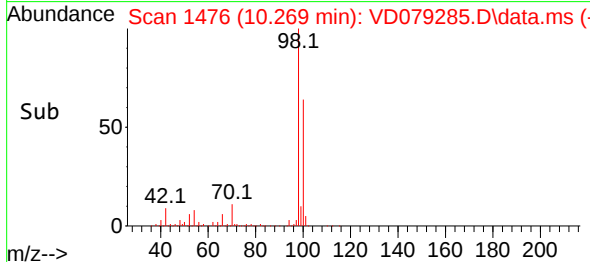
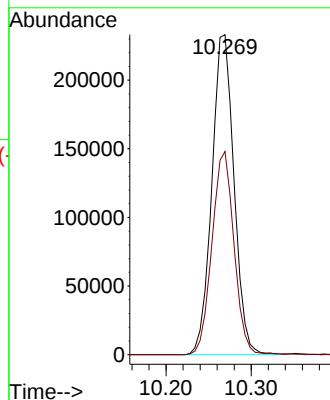
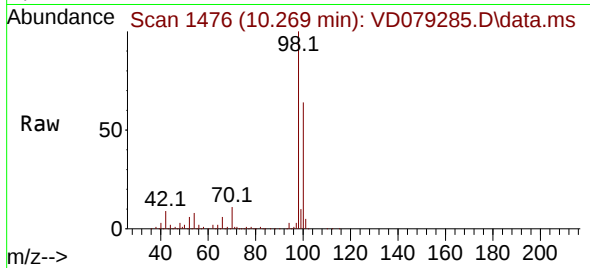




#50
Toluene-d8
Concen: 50.561 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.000 min
Lab File: VD079285.D
Acq: 28 Jun 2024 16:31

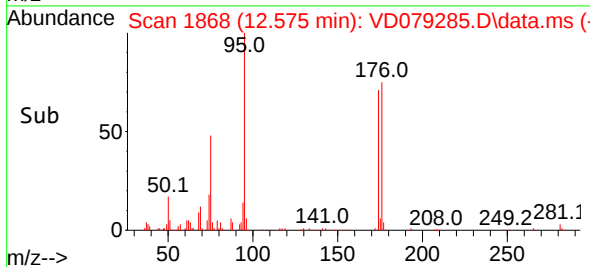
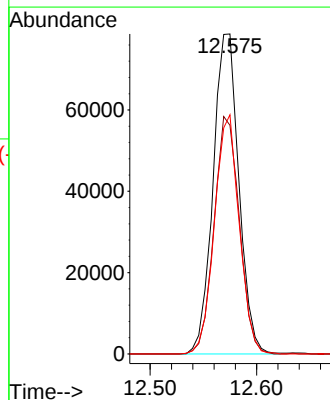
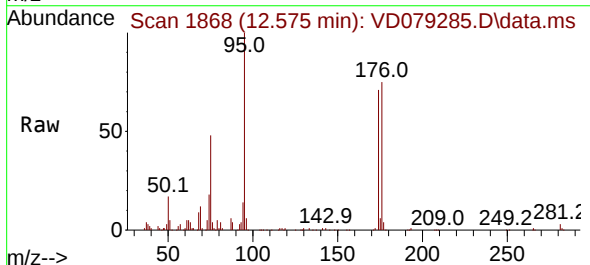
Instrument :
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VIBLK

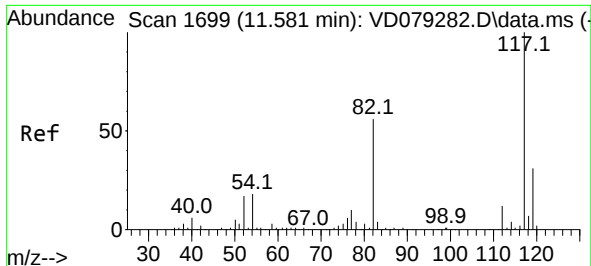
Tgt Ion: 98 Resp: 421676
Ion Ratio Lower Upper
98 100
100 63.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 49.508 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079285.D
Acq: 28 Jun 2024 16:31

Tgt Ion: 95 Resp: 132402
Ion Ratio Lower Upper
95 100
174 72.7 0.0 195.4
176 71.7 0.0 192.6

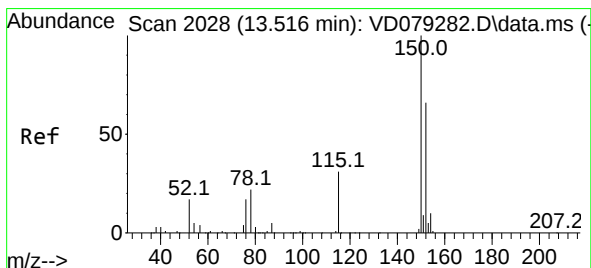
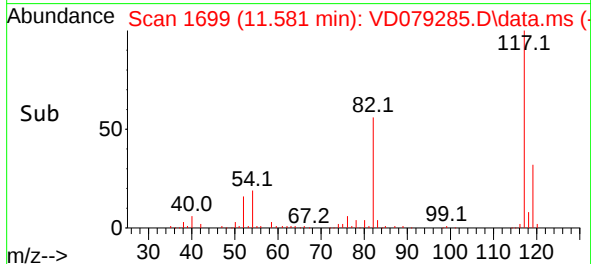
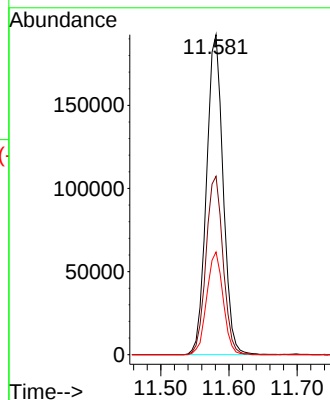
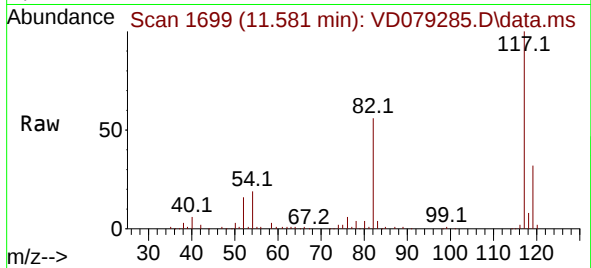




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. 0.000 min
Lab File: VD079285.D
Acq: 28 Jun 2024 16:31

Instrument :
MSVOA_D
ClientSampleId :
VIBLK

Tgt Ion:117 Resp: 326639
Ion Ratio Lower Upper
117 100
82 55.7 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. 0.000 min
Lab File: VD079285.D
Acq: 28 Jun 2024 16:31

Tgt Ion:152 Resp: 131100
Ion Ratio Lower Upper
152 100
115 64.8 26.5 79.5
150 161.7 0.0 341.6

