

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079462.D
 Acq On : 30 Jul 2024 16:48
 Operator : RP/MD
 Sample : P3379-11
 Misc : 5.28G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 OU4-VSL-01-072324

Quant Time: Jul 31 01:54:43 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	130901	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	247322	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	235125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	102208	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	86540	65.076	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.160%
35) Dibromofluoromethane	7.805	113	98104	58.605	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	117.200%
50) Toluene-d8	10.269	98	327292	50.347	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.569	95	84795	45.075	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	90.160%

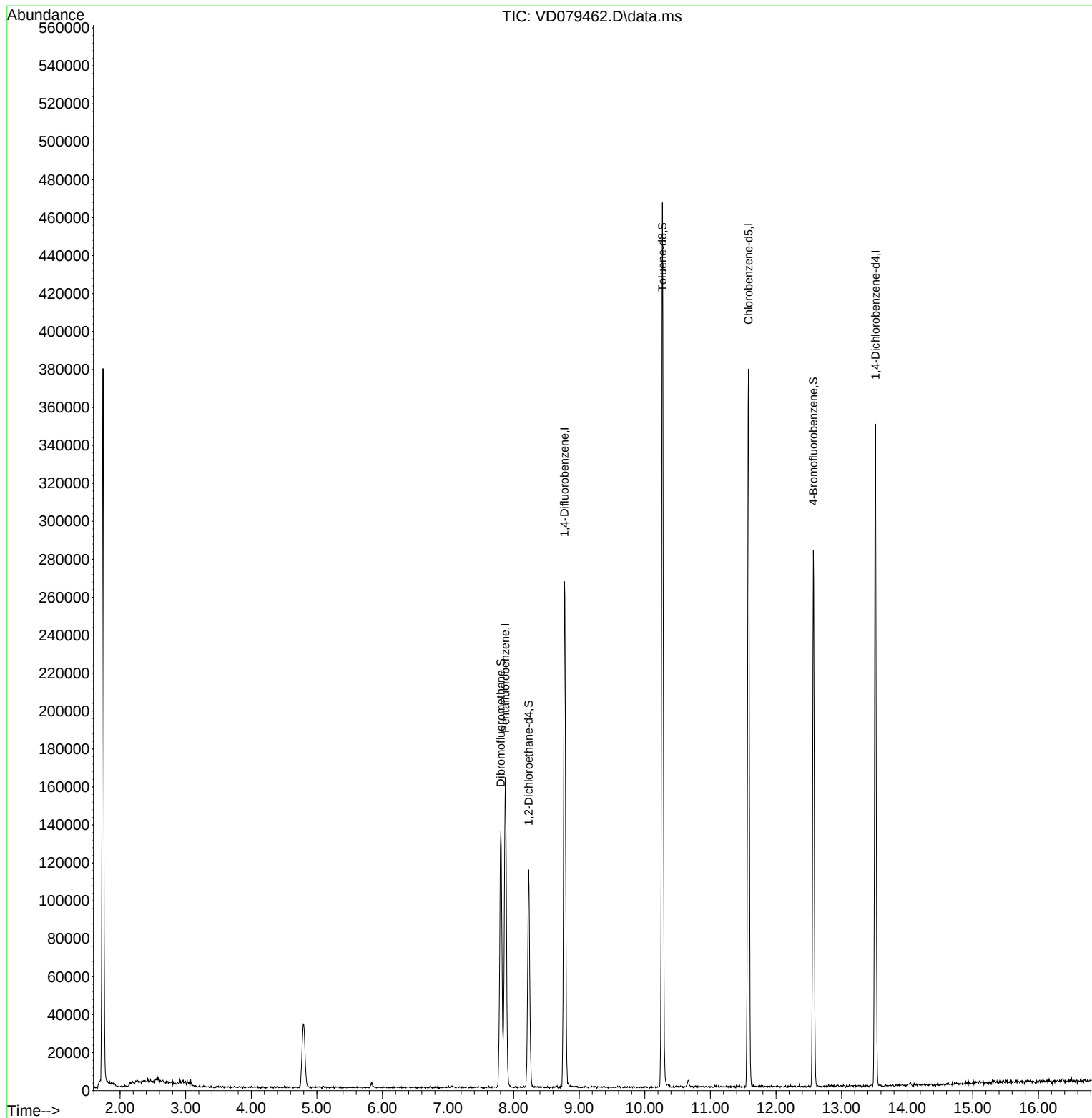
Target Compounds	Qvalue

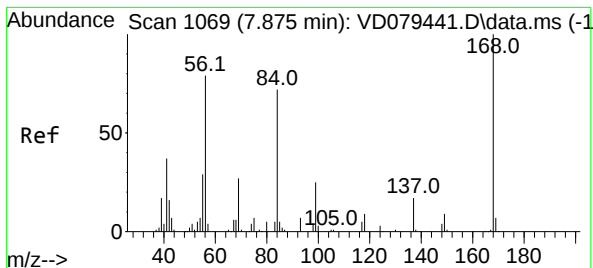
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VD079462.D

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Instrument :

MSVOA_D

ClientSampleId :

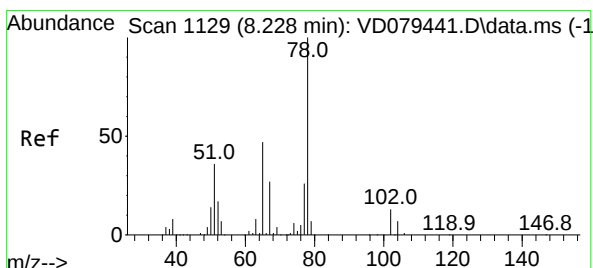
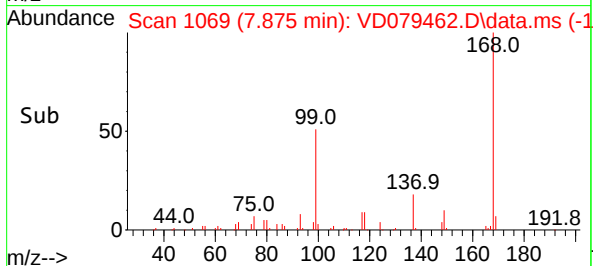
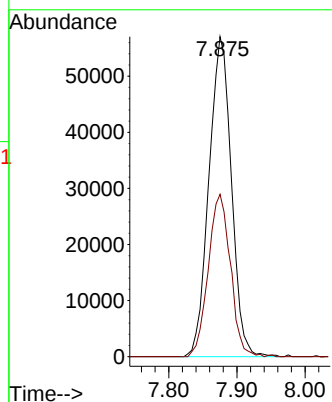
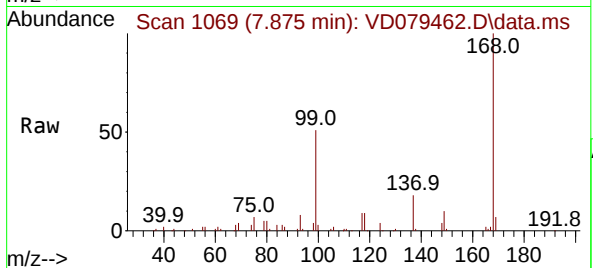
OU4-VSL-01-072324

Tgt Ion:168 Resp: 130901

Ion Ratio Lower Upper

168 100

99 50.7 41.1 61.7



#33

1,2-Dichloroethane-d4

Concen: 65.076 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. 0.000 min

Lab File: VD079462.D

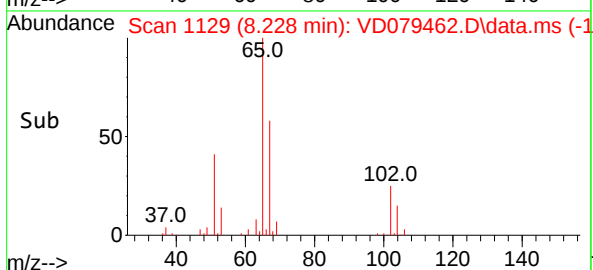
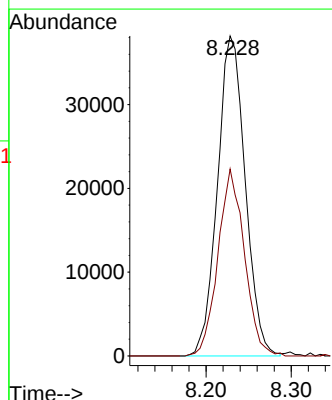
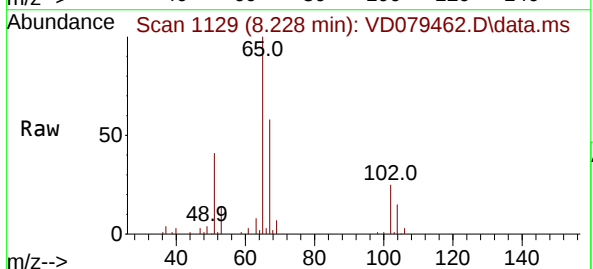
Acq: 30 Jul 2024 16:48

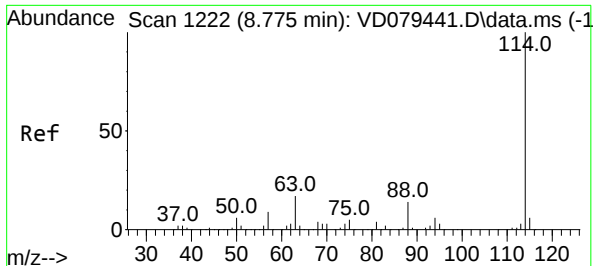
Tgt Ion: 65 Resp: 86540

Ion Ratio Lower Upper

65 100

67 55.6 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: VD079462.D

Acq: 30 Jul 2024 16:48

Instrument :

MSVOA_D

ClientSampleId :

OU4-VSL-01-072324

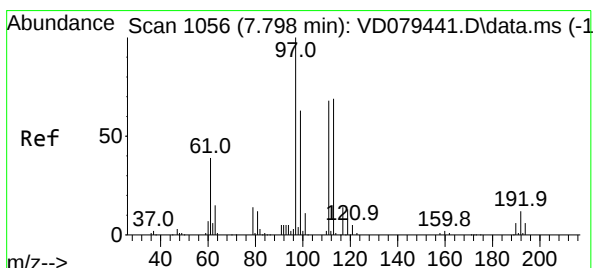
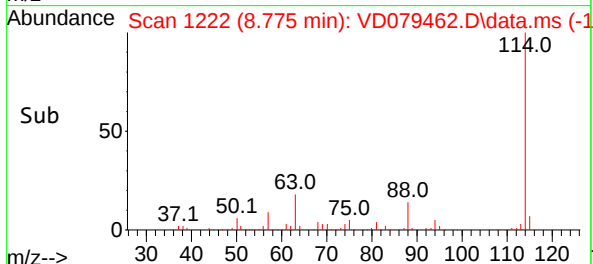
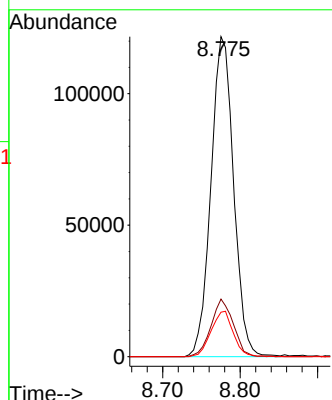
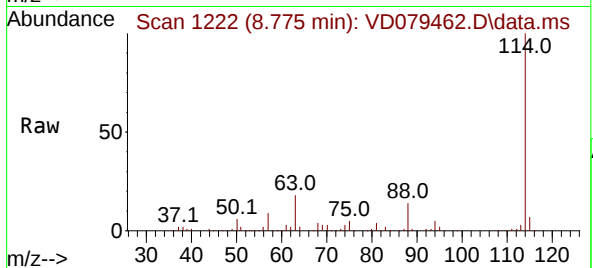
Tgt Ion:114 Resp: 247322

Ion Ratio Lower Upper

114 100

63 18.0 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 58.605 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079462.D

Acq: 30 Jul 2024 16:48

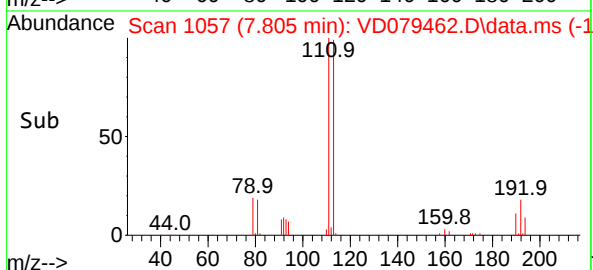
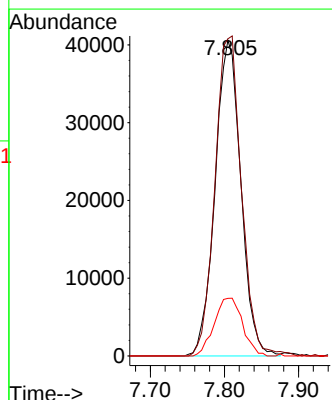
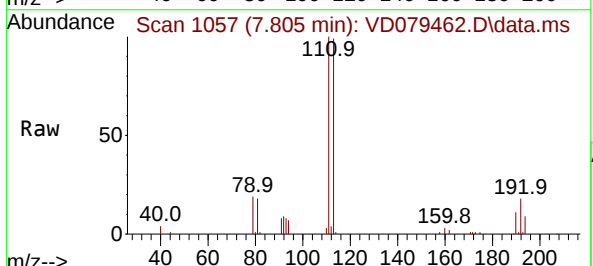
Tgt Ion:113 Resp: 98104

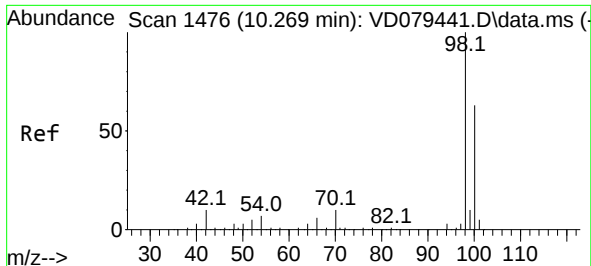
Ion Ratio Lower Upper

113 100

111 104.0 84.0 126.0

192 20.1 15.4 23.0

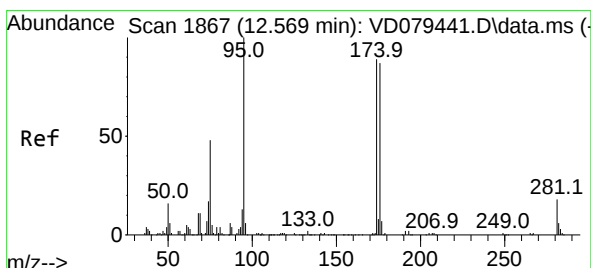
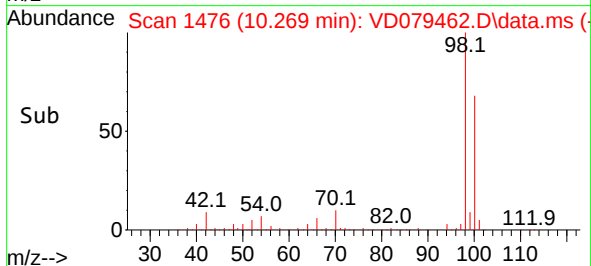
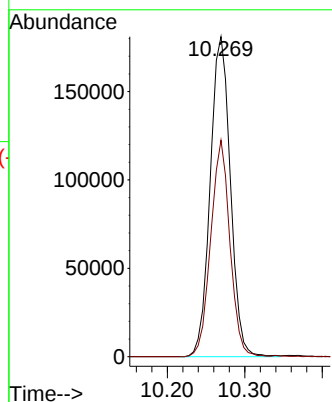
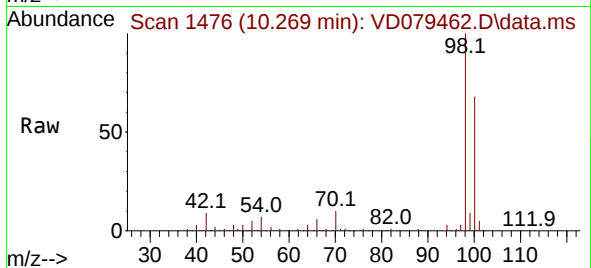




#50
Toluene-d8
Concen: 50.347 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

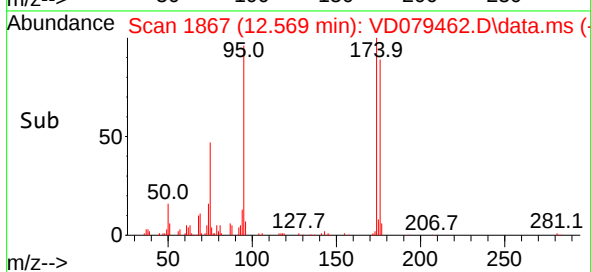
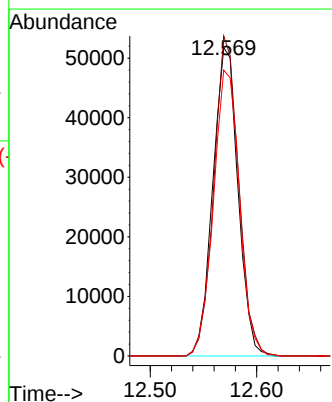
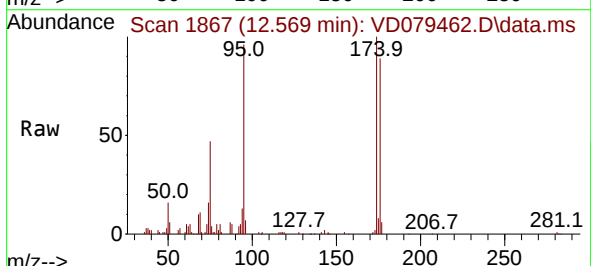
Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324

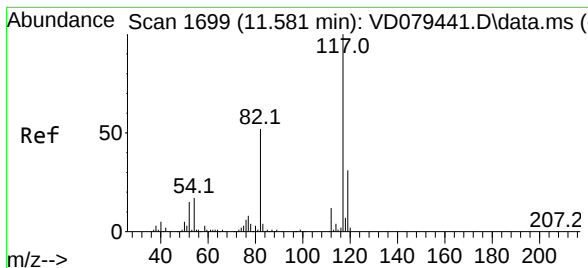
Tgt Ion: 98 Resp: 327292
Ion Ratio Lower Upper
98 100
100 64.3 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 45.075 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Tgt Ion: 95 Resp: 84795
Ion Ratio Lower Upper
95 100
174 102.2 0.0 195.4
176 96.0 0.0 192.6

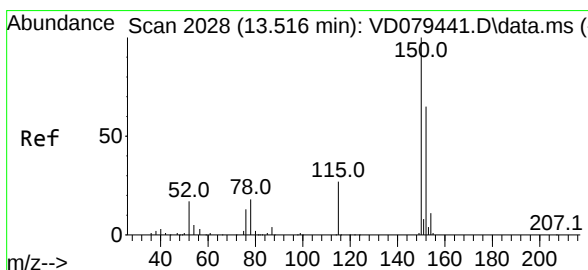
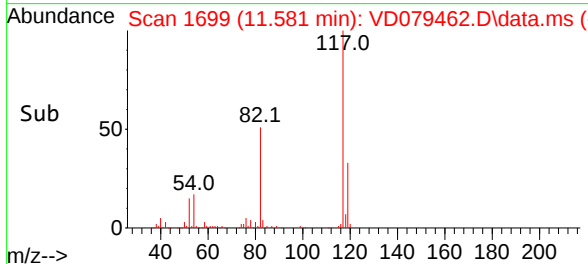
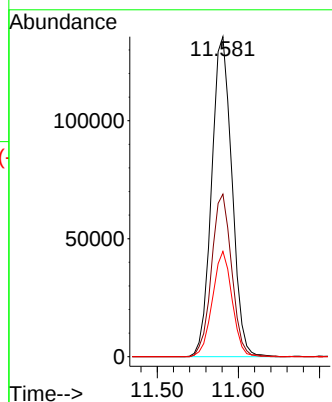
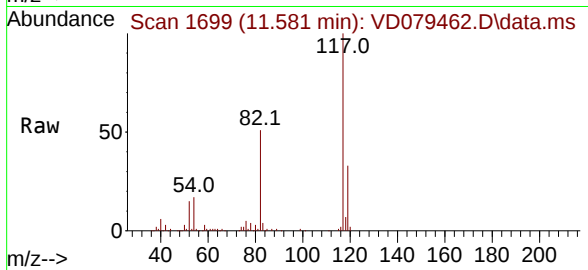




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Instrument :
MSVOA_D
ClientSampleId :
OU4-VSL-01-072324

Tgt Ion:117 Resp: 235125
Ion Ratio Lower Upper
117 100
82 50.8 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. 0.006 min
Lab File: VD079462.D
Acq: 30 Jul 2024 16:48

Tgt Ion:152 Resp: 102208
Ion Ratio Lower Upper
152 100
115 52.4 26.5 79.5
150 159.8 0.0 341.6

