

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD073024\
 Data File : VD079449.D
 Acq On : 30 Jul 2024 10:23
 Operator : RP/MD
 Sample : VD0730SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0730SBL01

Quant Time: Jul 30 15:41:04 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	202109	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	360252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	331646	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	143472	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	110882	54.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.000%
35) Dibromofluoromethane	7.805	113	119486	49.003	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.000%
50) Toluene-d8	10.269	98	432208	45.644	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.280%
62) 4-Bromofluorobenzene	12.569	95	116552	42.535	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	85.060%

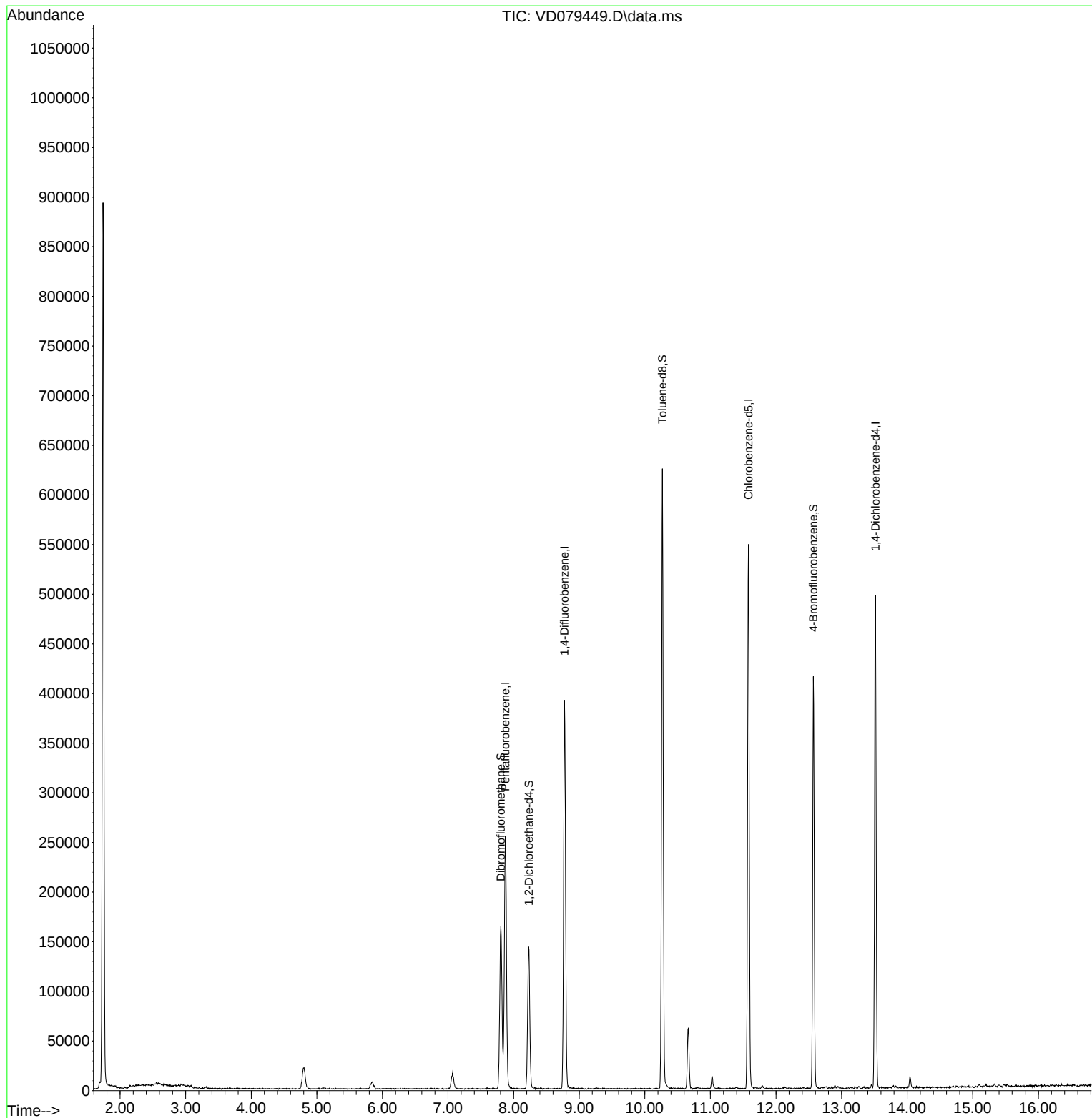
Target Compounds	Qvalue

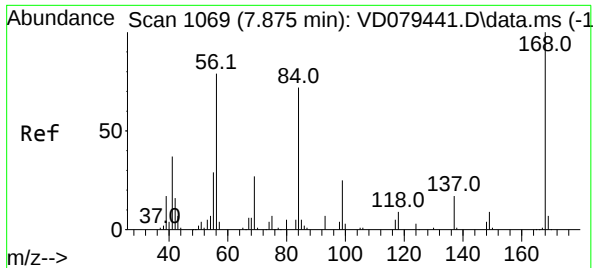
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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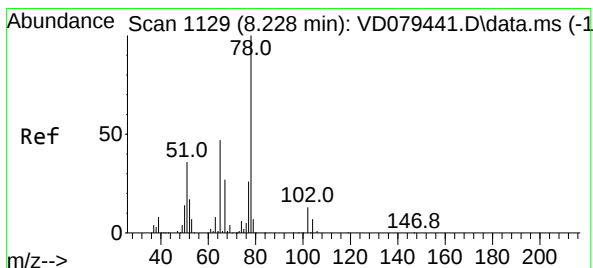
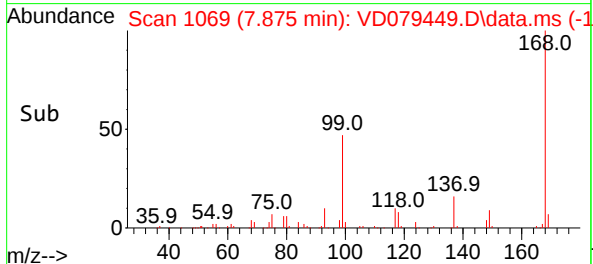
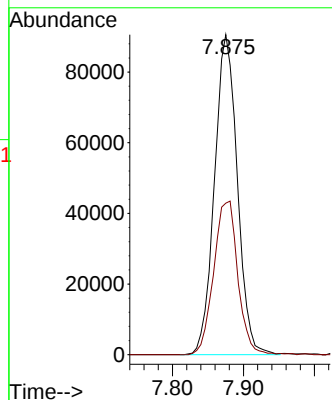
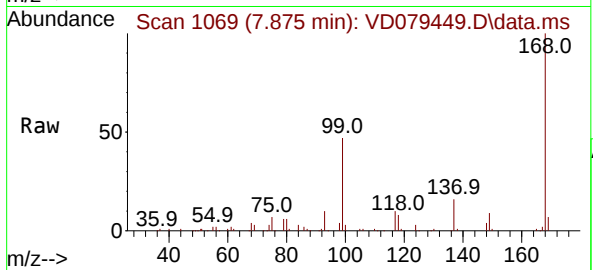




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1130
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

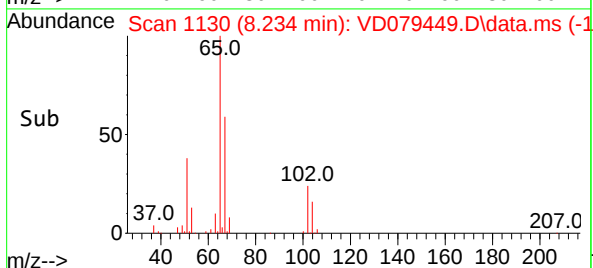
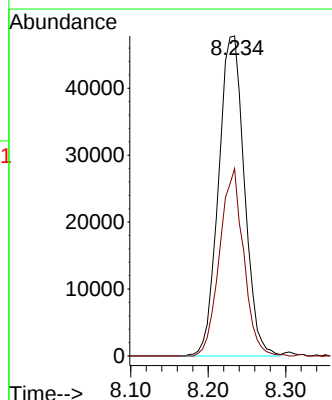
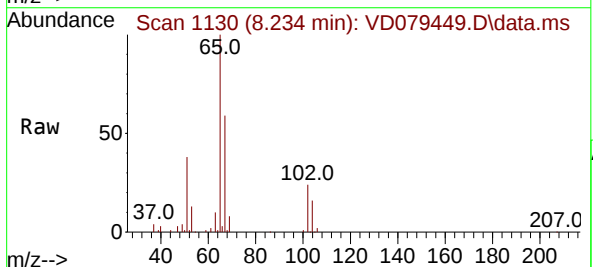
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

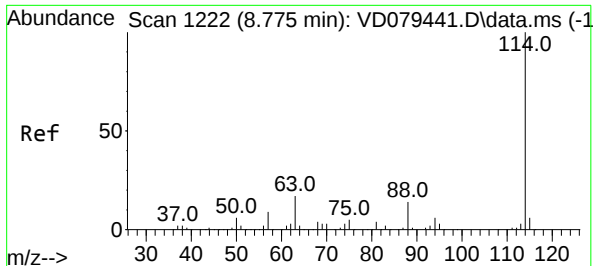
Tgt Ion:168 Resp: 202109
Ion Ratio Lower Upper
168 100
99 47.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 54.004 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion: 65 Resp: 110882
Ion Ratio Lower Upper
65 100
67 54.4 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: VD079449.D

Acq: 30 Jul 2024 10:23

Instrument :

MSVOA_D

ClientSampleId :

VD0730SBL01

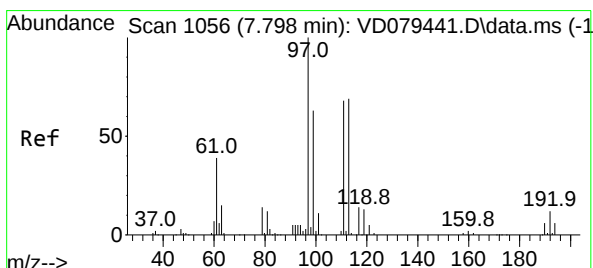
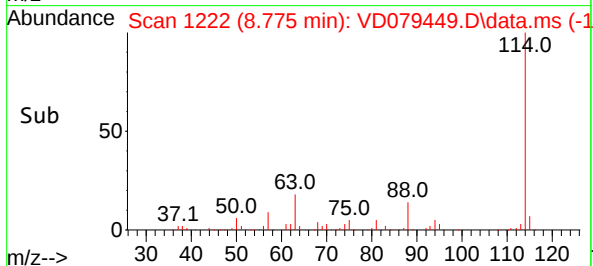
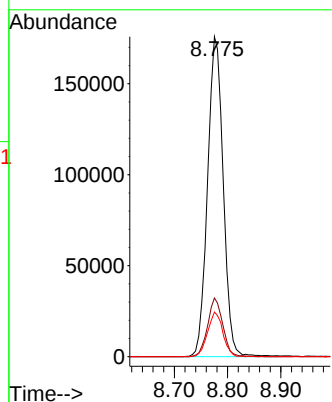
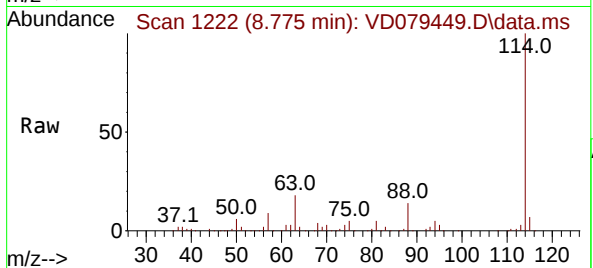
Tgt Ion:114 Resp: 360252

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

88 13.9 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.003 ug/l

RT: 7.805 min Scan# 1057

Delta R.T. 0.000 min

Lab File: VD079449.D

Acq: 30 Jul 2024 10:23

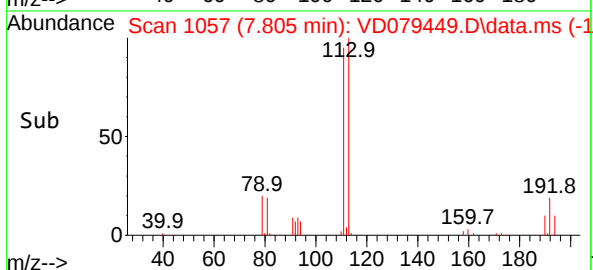
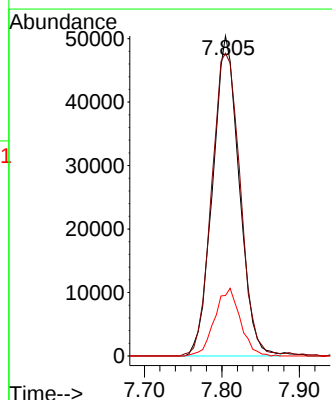
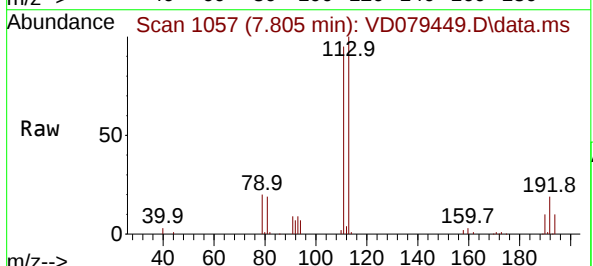
Tgt Ion:113 Resp: 119486

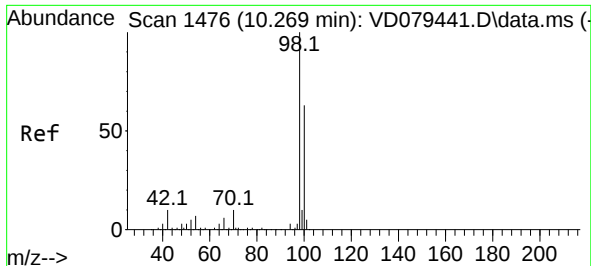
Ion Ratio Lower Upper

113 100

111 102.7 84.0 126.0

192 20.5 15.4 23.0

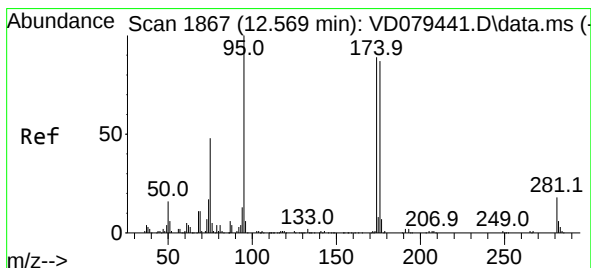
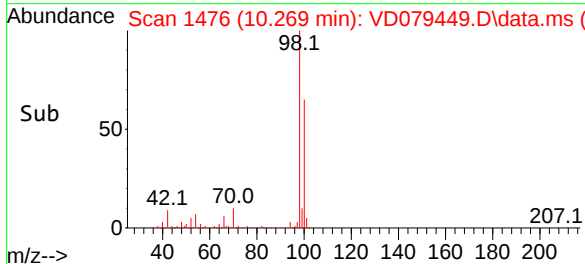
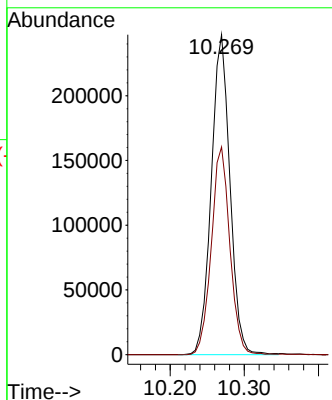
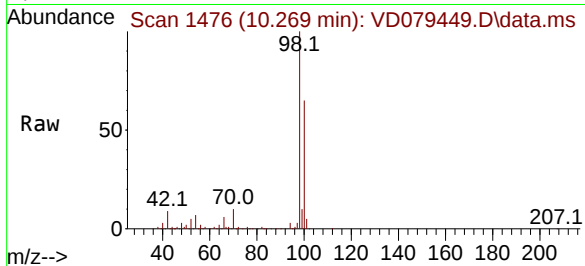




#50
Toluene-d8
Concen: 45.644 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

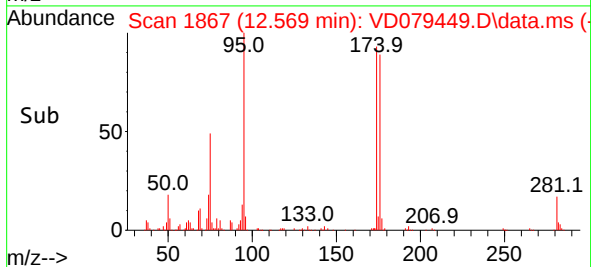
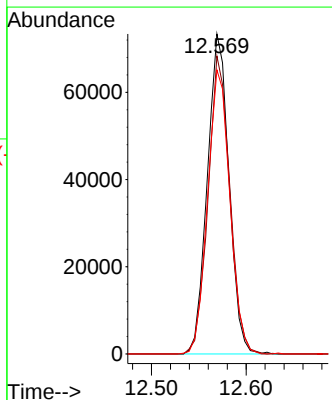
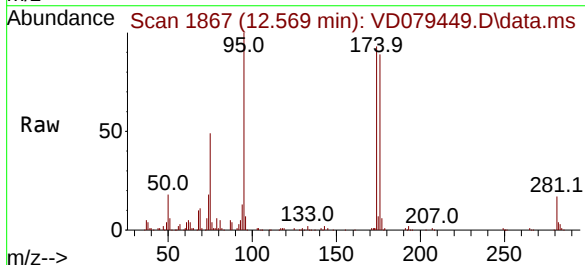
Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

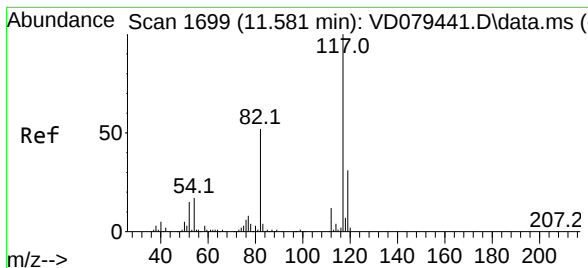
Tgt Ion: 98 Resp: 432208
Ion Ratio Lower Upper
98 100
100 64.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 42.535 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion: 95 Resp: 116552
Ion Ratio Lower Upper
95 100
174 93.5 0.0 195.4
176 91.5 0.0 192.6

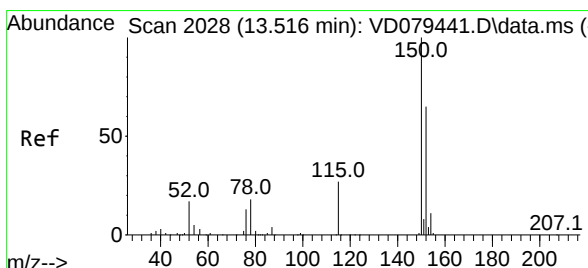
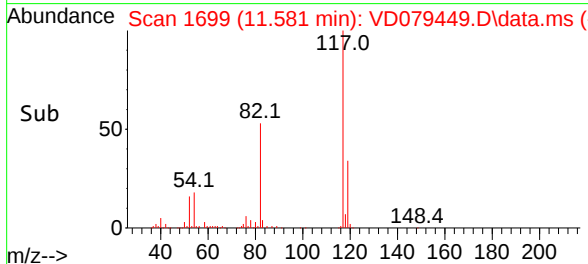
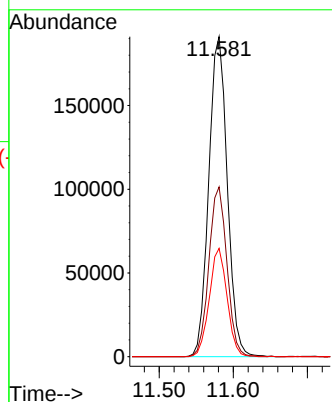
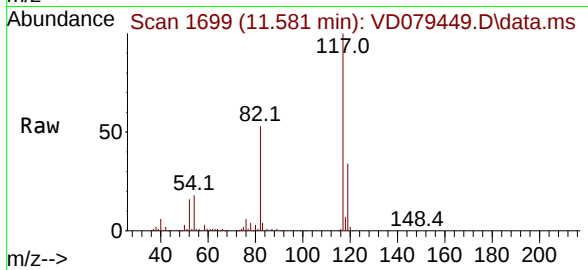




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. 0.000 min
Lab File: VD079449.D
Acq: 30 Jul 2024 10:23

Instrument :
MSVOA_D
ClientSampleId :
VD0730SBL01

Tgt Ion:117 Resp: 331646
Ion Ratio Lower Upper
117 100
82 53.0 39.8 59.6
119 33.8 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: VD079449.D
Acq: 30 Jul 2024 10:23

Tgt Ion:152 Resp: 143472
Ion Ratio Lower Upper
152 100
115 54.7 26.5 79.5
150 157.3 0.0 341.6

