

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD090424\
 Data File : VD079770.D
 Acq On : 04 Sep 2024 13:37
 Operator : RP/MD
 Sample : VD0904SBL01
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0904SBL01

Quant Time: Sep 04 15:52:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D083024S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 30 15:57:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	106579	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	217607	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	197361	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	80102	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	78753	54.193	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.380%
35) Dibromofluoromethane	7.804	113	74448	52.634	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.260%
50) Toluene-d8	10.269	98	303005	49.950	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	99.900%
62) 4-Bromofluorobenzene	12.569	95	73753	43.452	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	86.900%

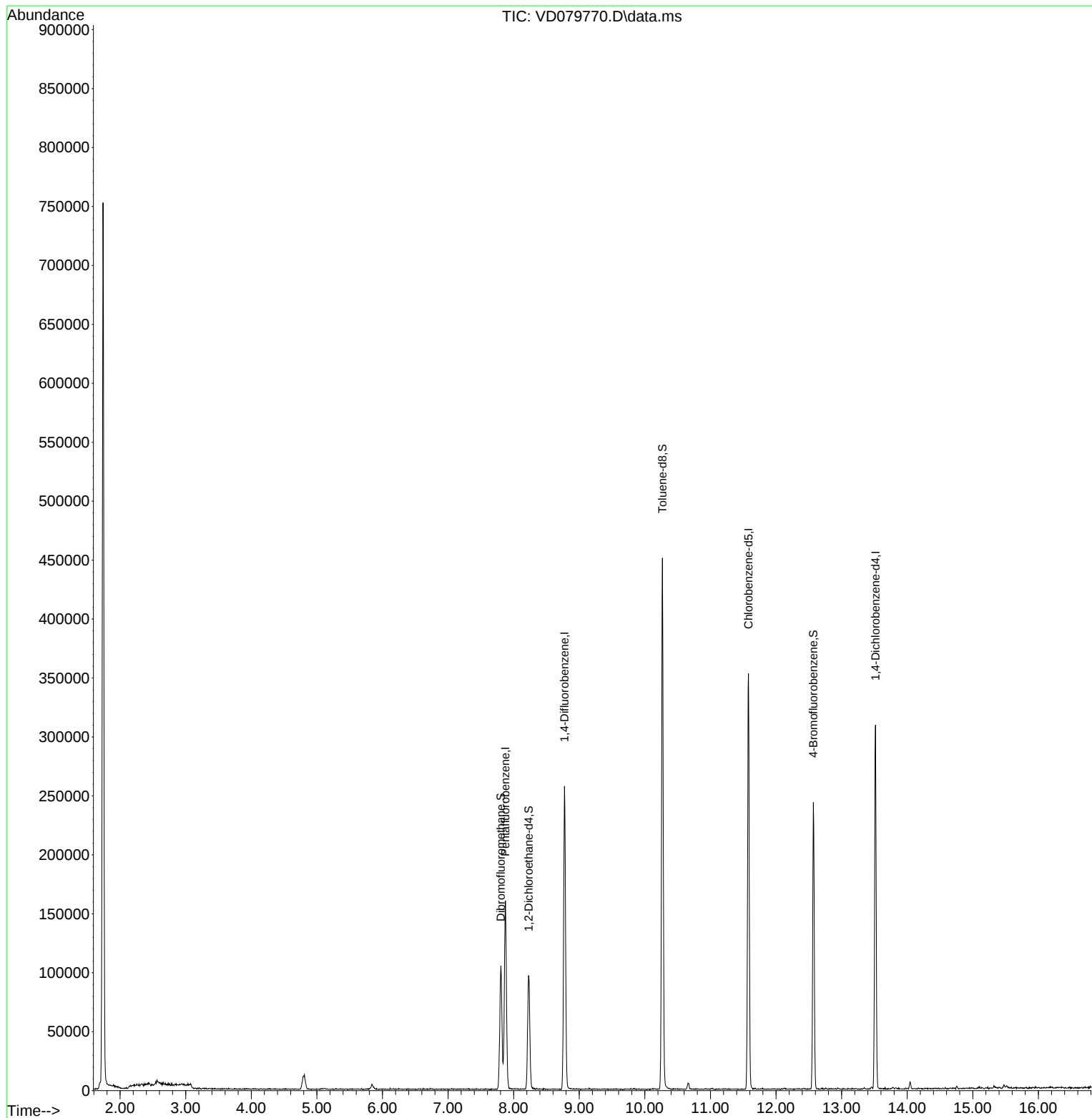
Target Compounds	Qvalue

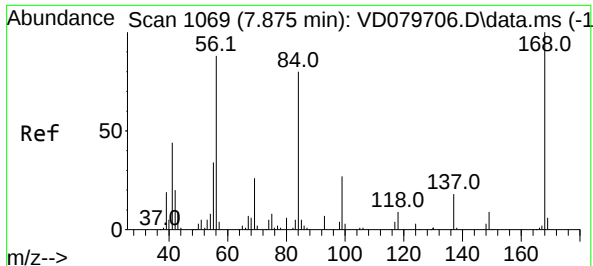
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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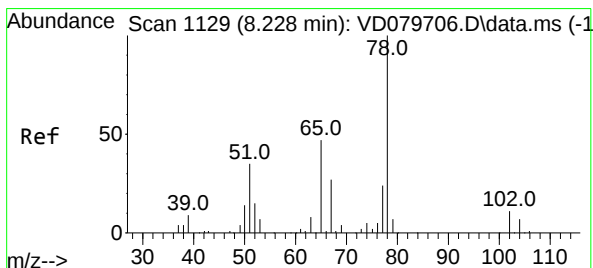
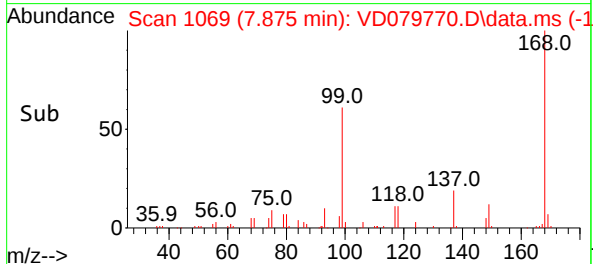
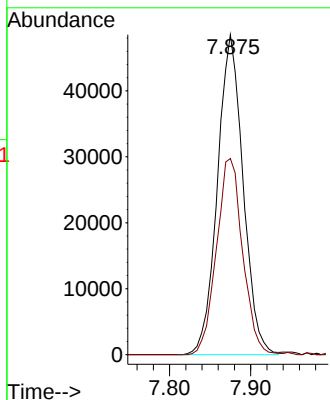
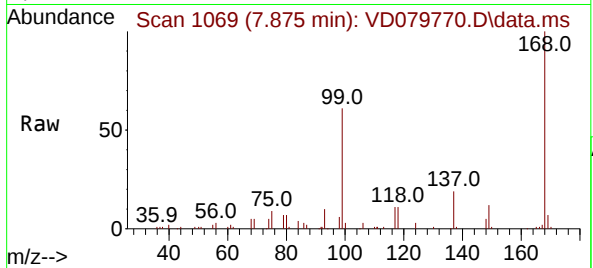




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079770.D
Acq: 04 Sep 2024 13:37

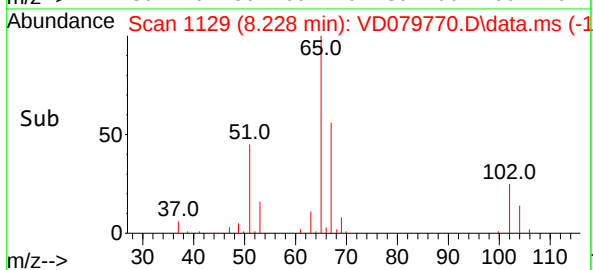
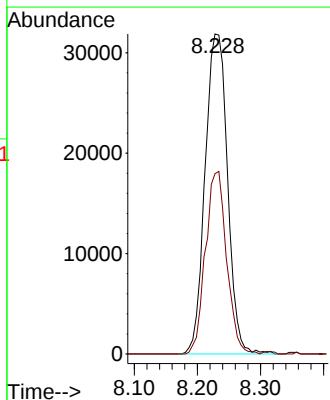
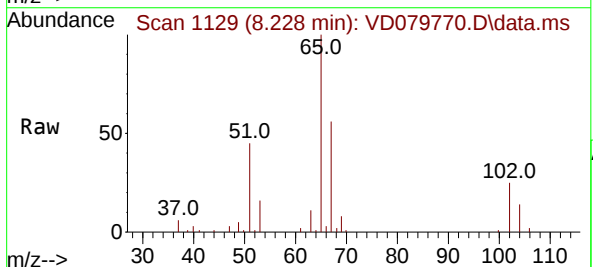
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

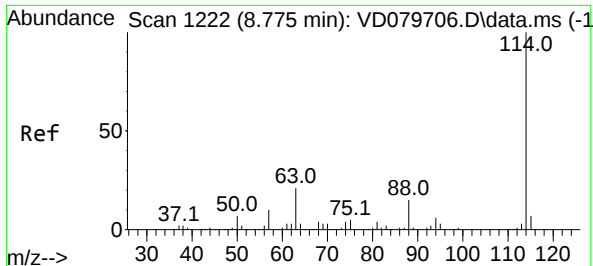
Tgt Ion:168 Resp: 106579
Ion Ratio Lower Upper
168 100
99 61.3 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 54.193 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079770.D
Acq: 04 Sep 2024 13:37

Tgt Ion: 65 Resp: 78753
Ion Ratio Lower Upper
65 100
67 53.9 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD079770.D

Acq: 04 Sep 2024 13:37

Instrument :

MSVOA_D

ClientSampleId :

VD0904SBL01

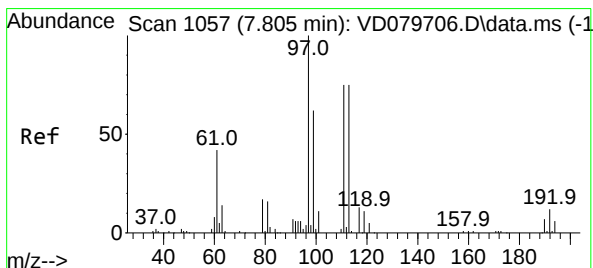
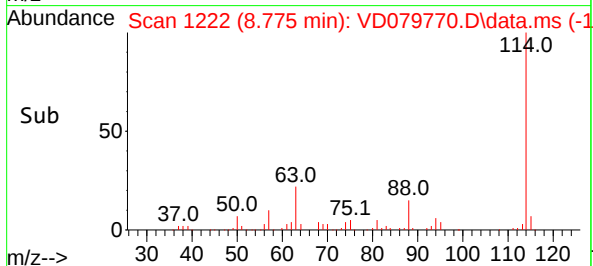
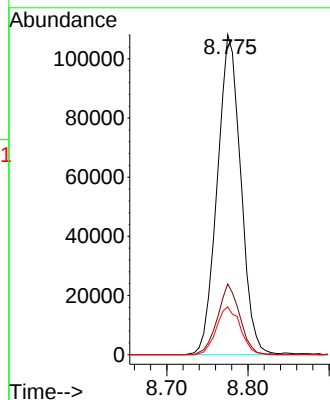
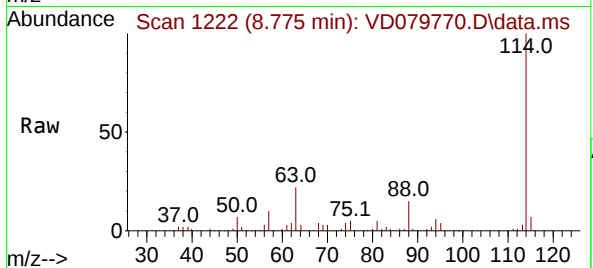
Tgt Ion:114 Resp: 217607

Ion Ratio Lower Upper

114 100

63 22.1 0.0 34.0

88 15.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 52.634 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.001 min

Lab File: VD079770.D

Acq: 04 Sep 2024 13:37

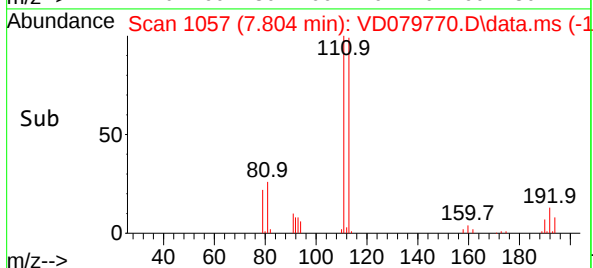
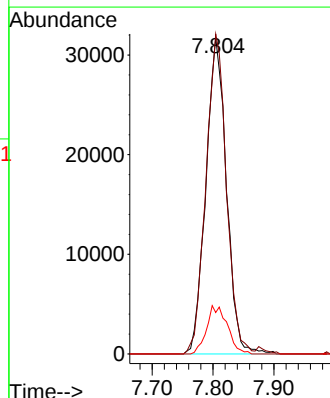
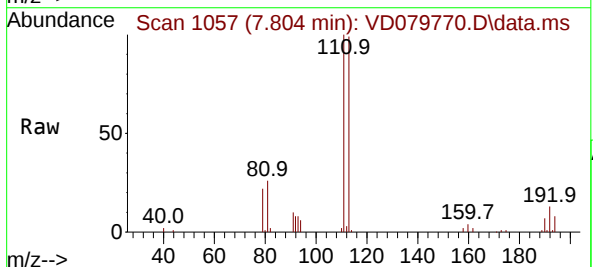
Tgt Ion:113 Resp: 74448

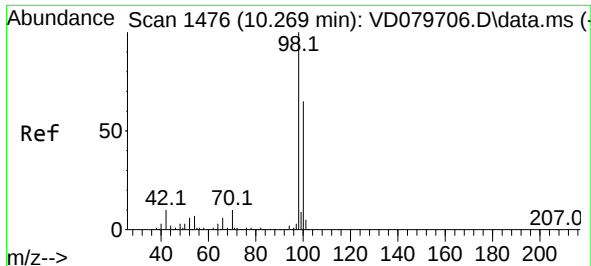
Ion Ratio Lower Upper

113 100

111 100.7 84.0 126.0

192 15.4 15.4 23.0

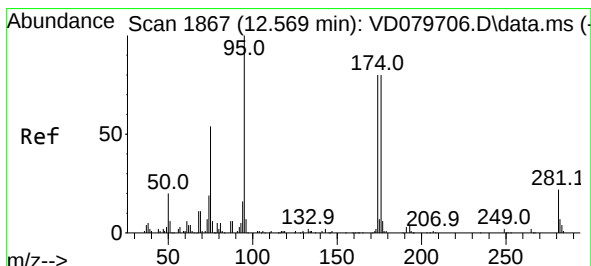
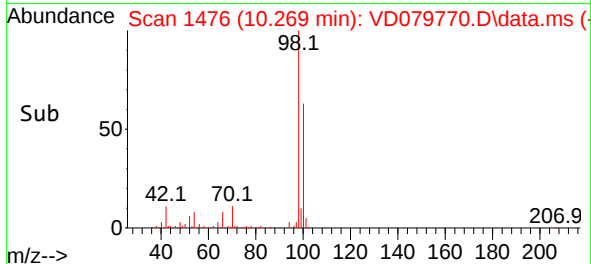
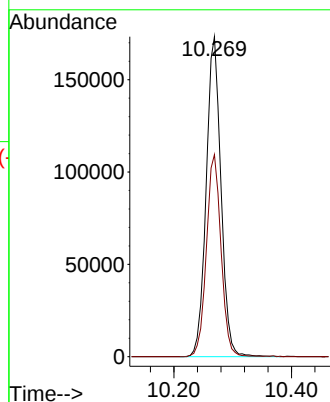
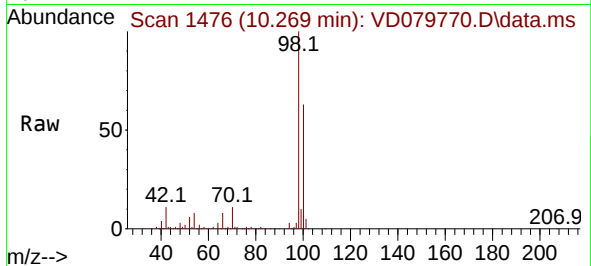




#50
Toluene-d8
Concen: 49.950 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD079770.D
Acq: 04 Sep 2024 13:37

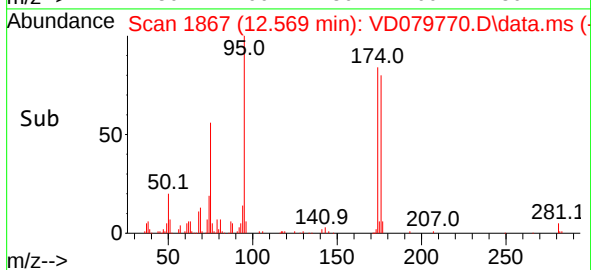
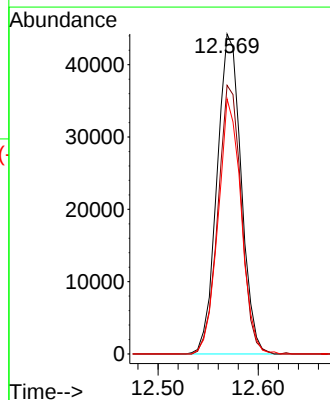
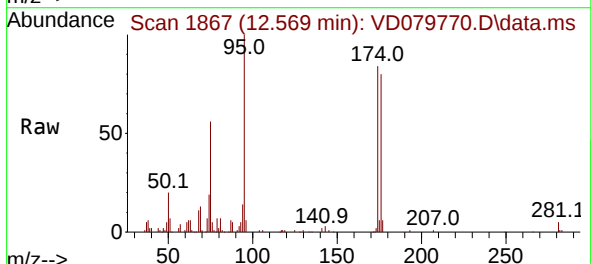
Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

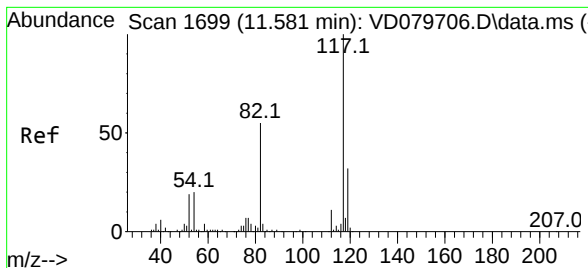
Tgt Ion: 98 Resp: 303005
Ion Ratio Lower Upper
98 100
100 62.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.452 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079770.D
Acq: 04 Sep 2024 13:37

Tgt Ion: 95 Resp: 73753
Ion Ratio Lower Upper
95 100
174 81.2 0.0 195.4
176 76.3 0.0 192.6

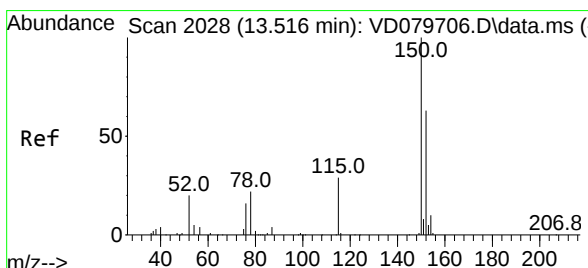
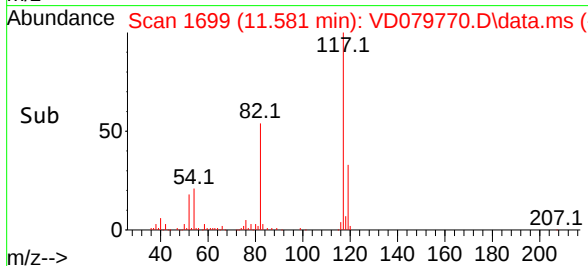
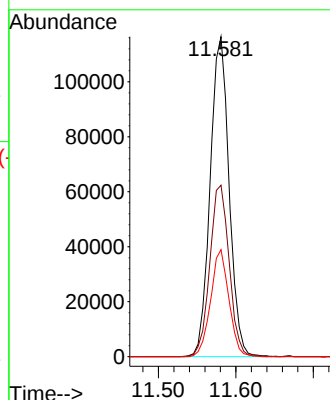
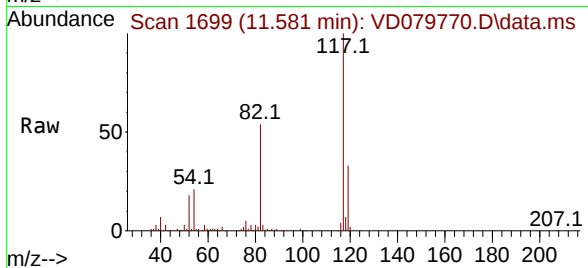




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079770.D
Acq: 04 Sep 2024 13:37

Instrument :
MSVOA_D
ClientSampleId :
VD0904SBL01

Tgt Ion	Ratio	Lower	Upper
117	100		
82	53.6	39.8	59.6
119	33.5	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: VD079770.D
Acq: 04 Sep 2024 13:37

Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.6	26.5	79.5
150	154.5	0.0	341.6

