

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031524\
 Data File : VD078686.D
 Acq On : 15 Mar 2024 16:42
 Operator : RP/MD
 Sample : P1746-01RE
 Misc : 5.08G/5ml/MSVOA_D/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SB-01-0-2.0RE

Quant Time: Mar 16 05:27:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	72383	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	132702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	116120	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	37788	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45528	67.116	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.240%
35) Dibromofluoromethane	7.810	113	49494	57.928	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.860%
50) Toluene-d8	10.269	98	161114	51.274	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	102.540%
62) 4-Bromofluorobenzene	12.575	95	35069	38.149	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	76.300%

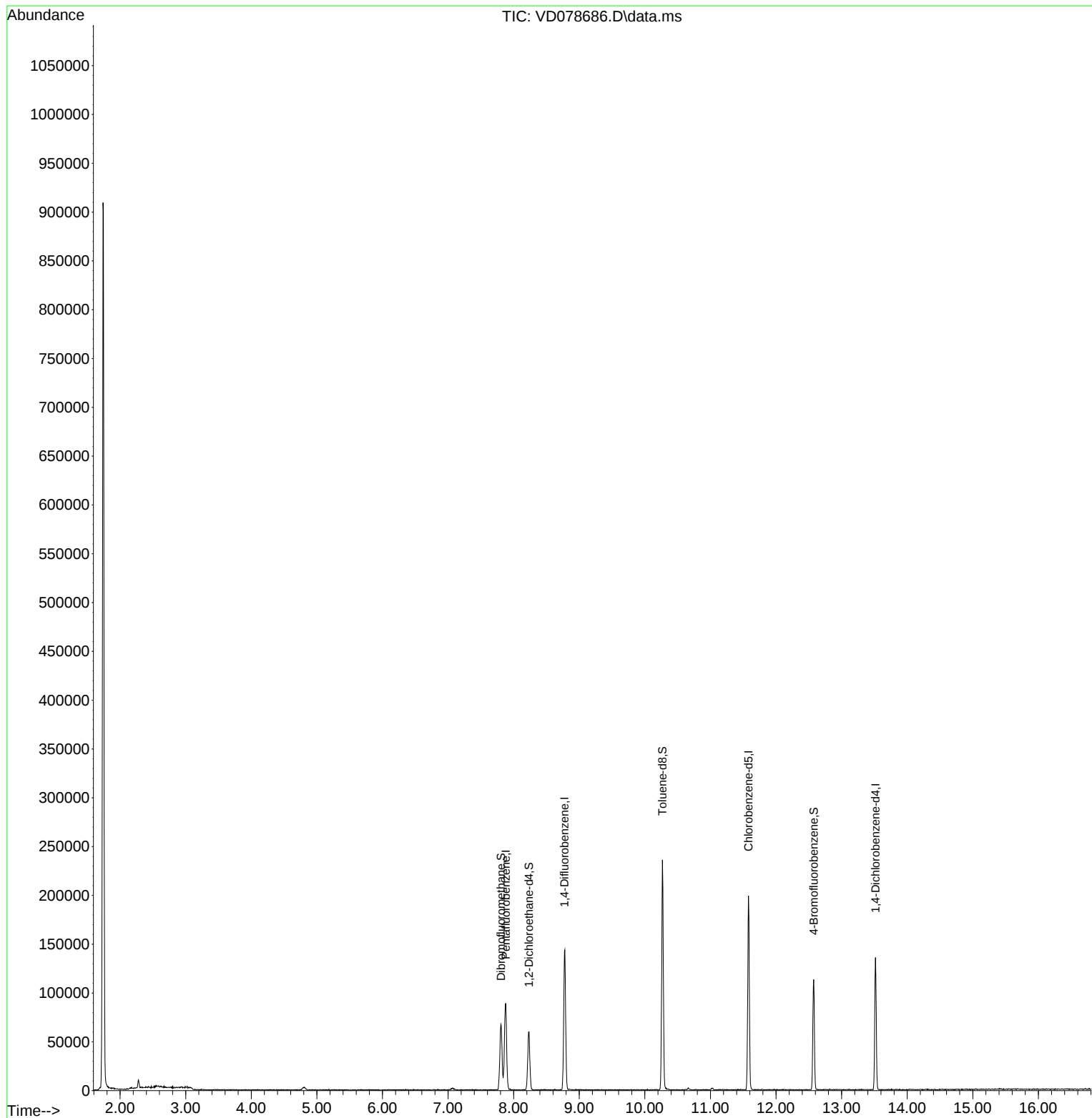
Target Compounds	Qvalue

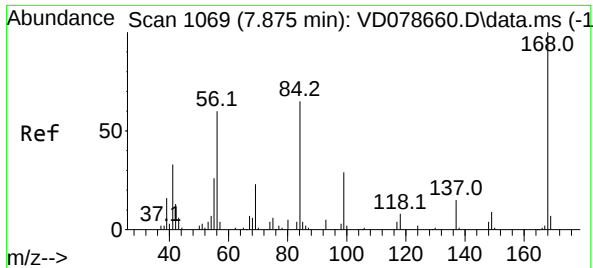
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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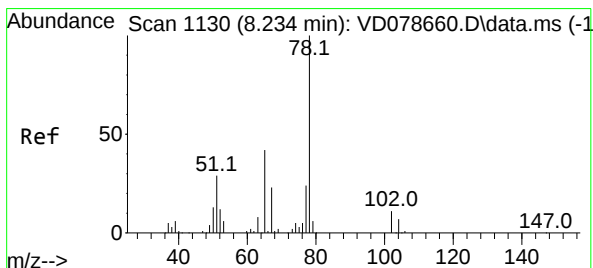
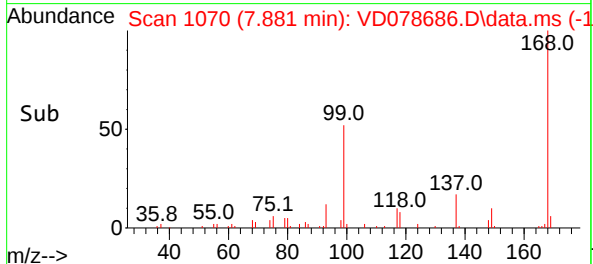
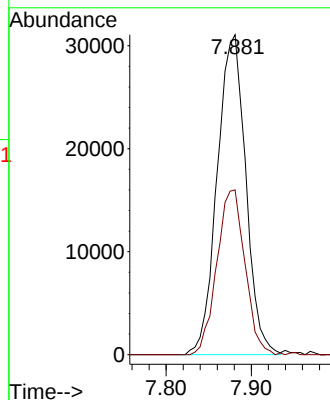
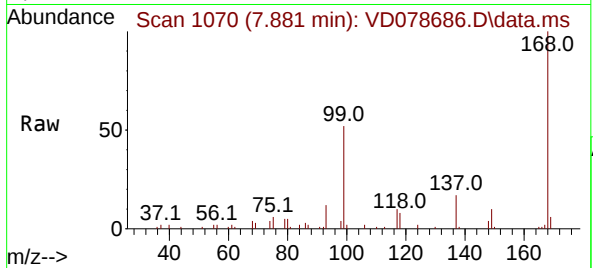




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

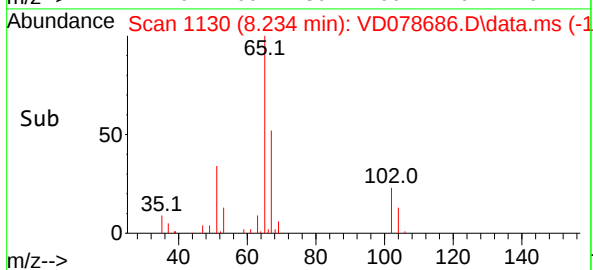
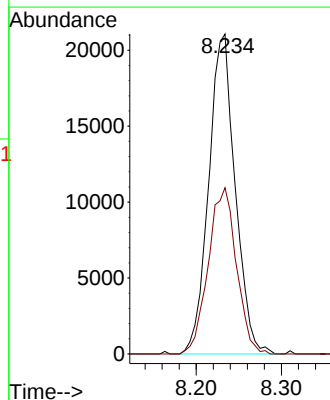
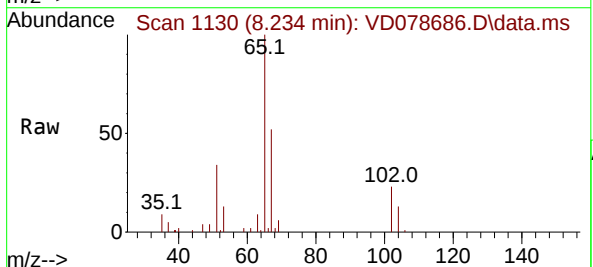
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0RE

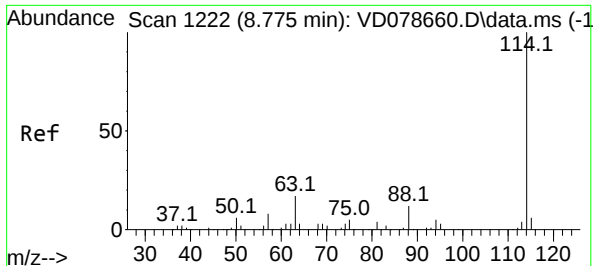
Tgt Ion:168 Resp: 72383
Ion Ratio Lower Upper
168 100
99 51.5 38.8 58.2



#33
1,2-Dichloroethane-d4
Concen: 67.116 ug/l
RT: 8.234 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

Tgt Ion: 65 Resp: 45528
Ion Ratio Lower Upper
65 100
67 55.0 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD078686.D

Acq: 15 Mar 2024 16:42

Instrument :

MSVOA_D

ClientSampleId :

SB-01-0-2.0RE

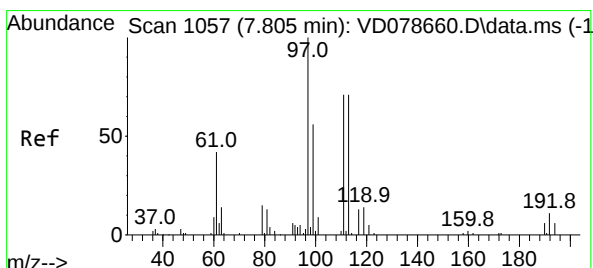
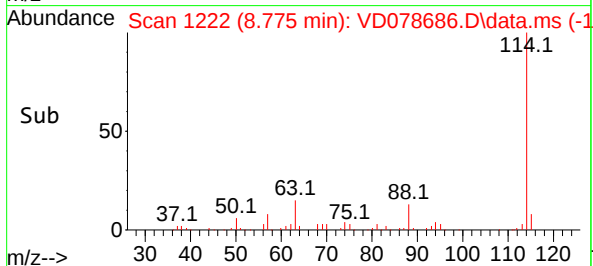
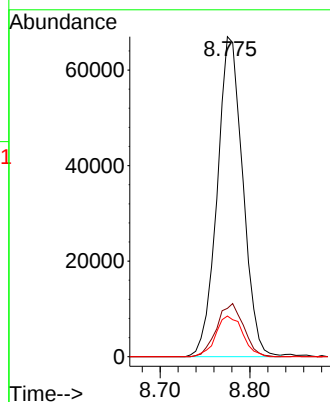
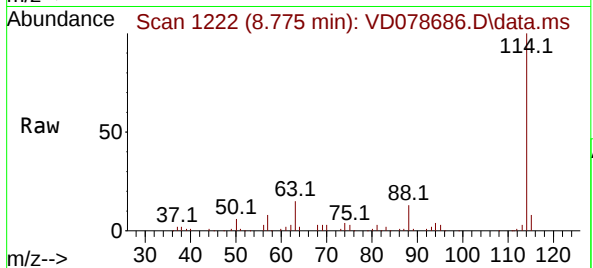
Tgt Ion:114 Resp: 132702

Ion Ratio Lower Upper

114 100

63 15.1 0.0 33.4

88 12.7 0.0 24.6



#35

Dibromofluoromethane

Concen: 57.928 ug/l

RT: 7.810 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VD078686.D

Acq: 15 Mar 2024 16:42

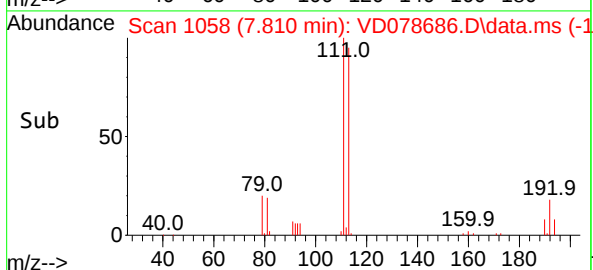
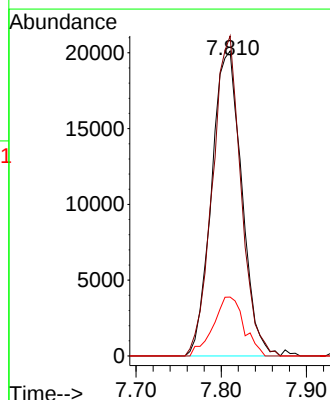
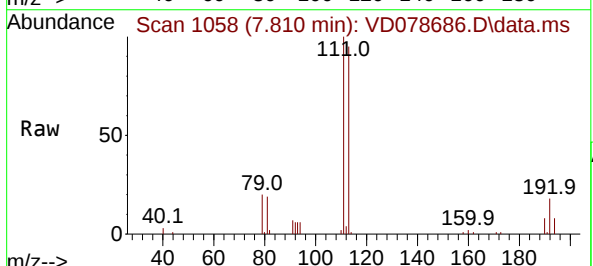
Tgt Ion:113 Resp: 49494

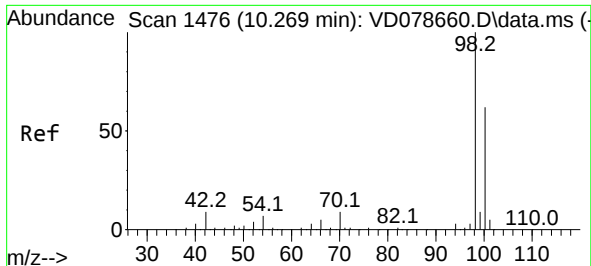
Ion Ratio Lower Upper

113 100

111 98.9 81.9 122.9

192 19.7 15.4 23.0

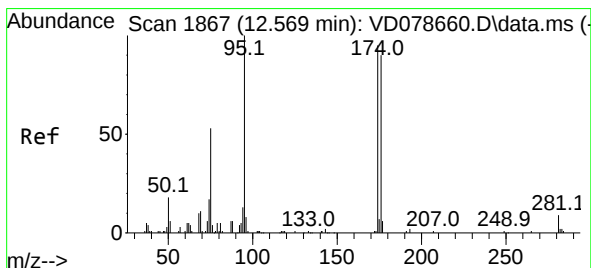
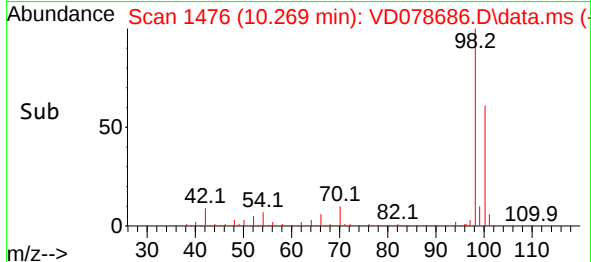
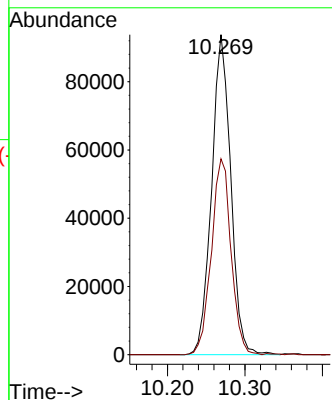
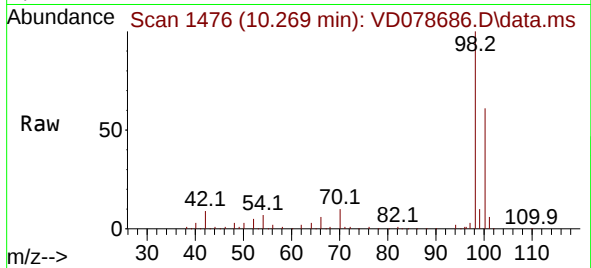




#50
Toluene-d8
Concen: 51.274 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

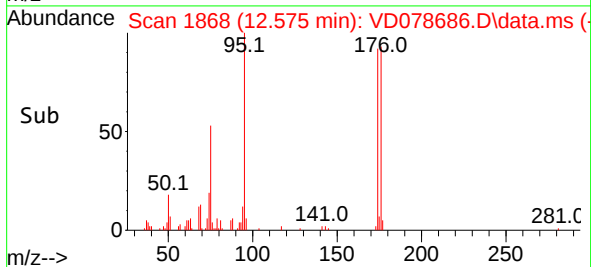
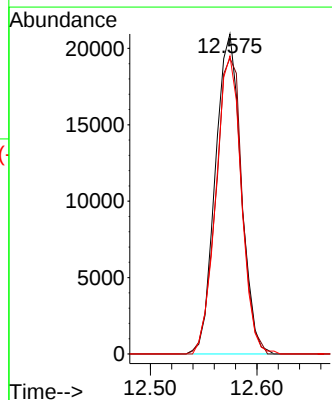
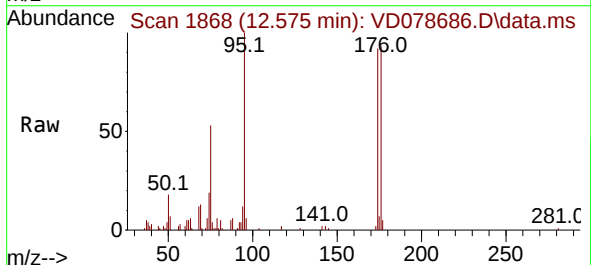
Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0RE

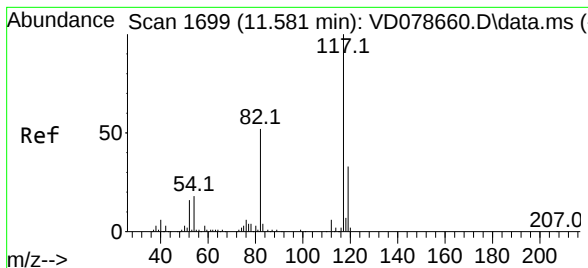
Tgt Ion: 98 Resp: 161114
Ion Ratio Lower Upper
98 100
100 62.9 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 38.149 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

Tgt Ion: 95 Resp: 35069
Ion Ratio Lower Upper
95 100
174 94.7 0.0 195.2
176 92.0 0.0 188.2

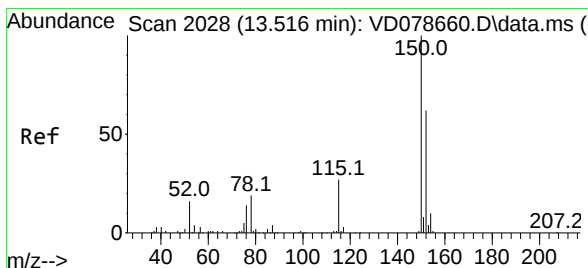
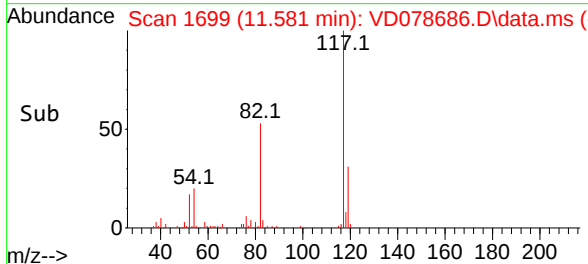
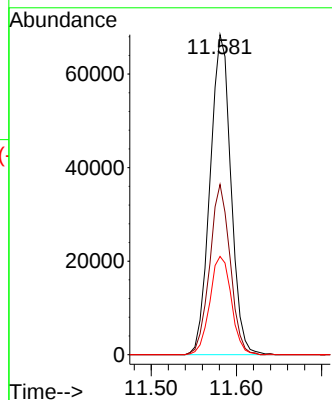
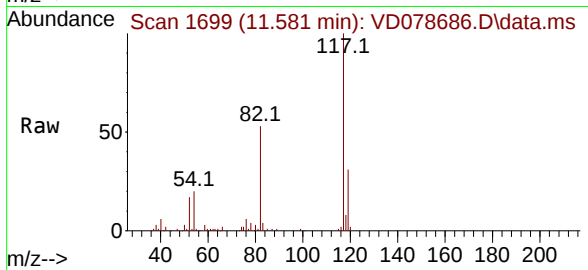




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

Instrument :
MSVOA_D
ClientSampleId :
SB-01-0-2.0RE

Tgt Ion:117 Resp: 116120
Ion Ratio Lower Upper
117 100
82 53.2 41.4 62.2
119 30.7 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD078686.D
Acq: 15 Mar 2024 16:42

Tgt Ion:152 Resp: 37788
Ion Ratio Lower Upper
152 100
115 55.9 27.1 81.2
150 154.2 0.0 350.2

