

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080224\
 Data File : VD079550.D
 Acq On : 02 Aug 2024 18:54
 Operator : RP/MD
 Sample : P3413-01
 Misc : 5.06G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 EO-02-073124

Quant Time: Aug 02 19:03:28 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	207247	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	368415	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	342479	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	154941	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	100843	47.897	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	95.800%
35) Dibromofluoromethane	7.804	113	104894	42.065	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.140%
50) Toluene-d8	10.269	98	361878	37.370	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	74.740%
62) 4-Bromofluorobenzene	12.575	95	97393	34.755	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	69.520%

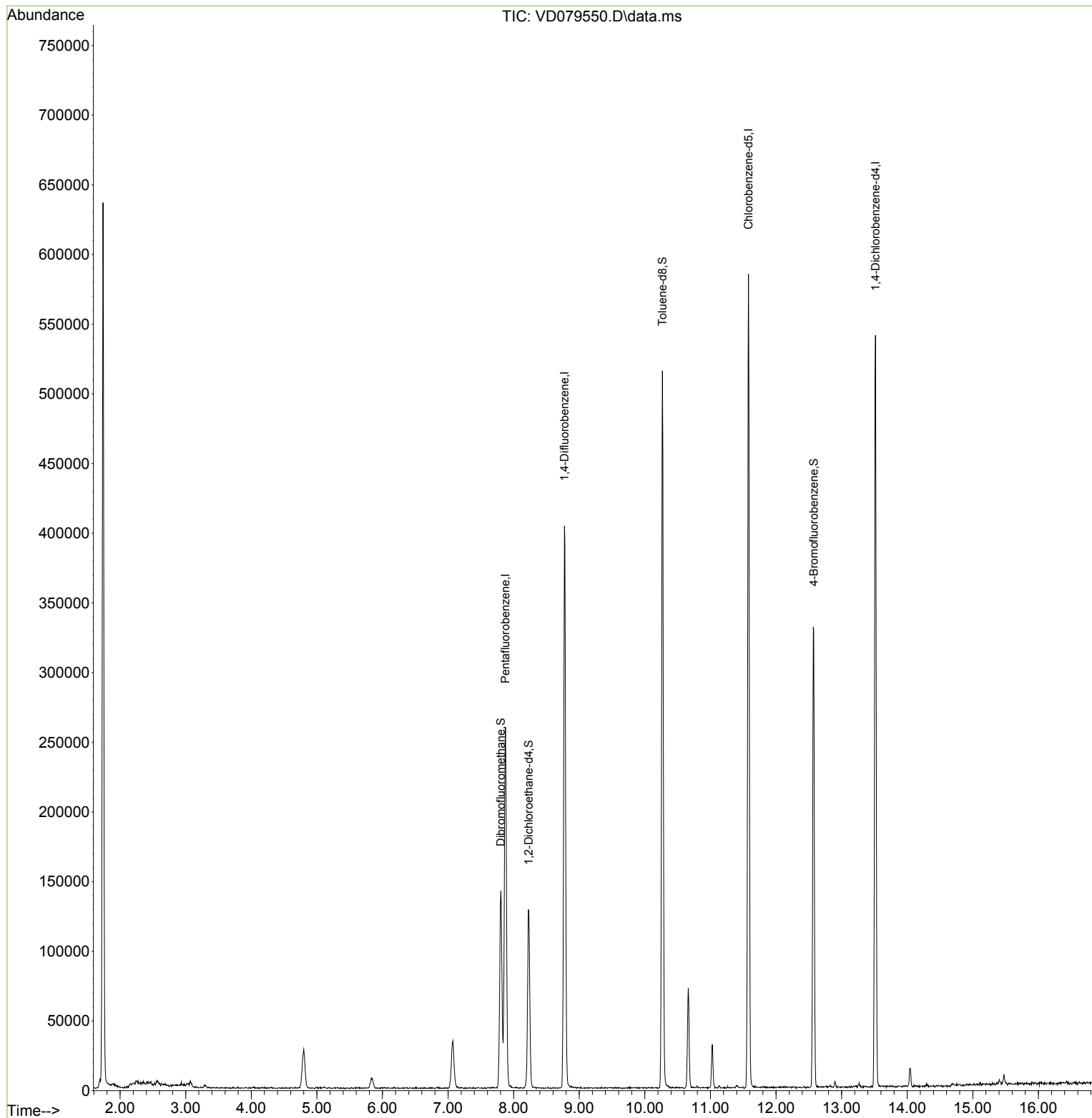
Target Compounds	Qvalue

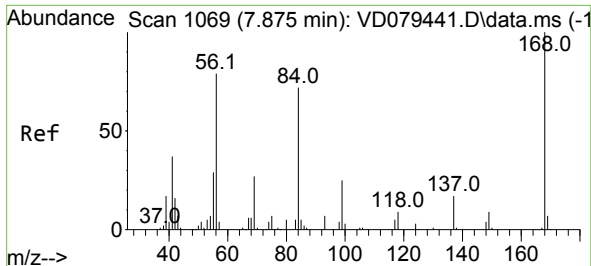
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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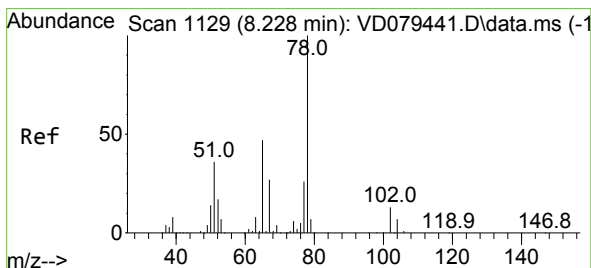
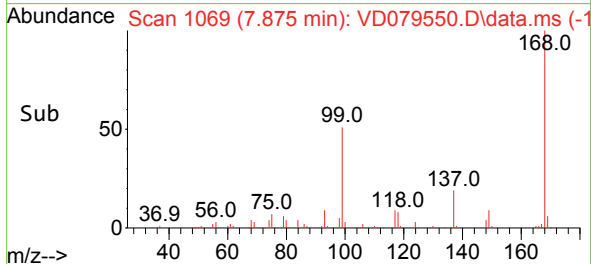
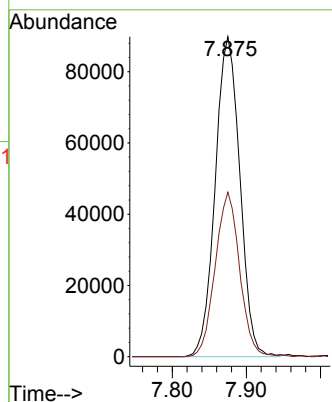
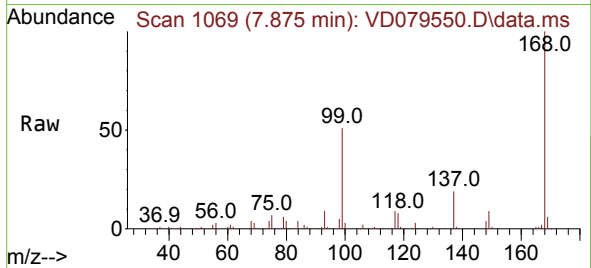




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079550.D
Acq: 02 Aug 2024 18:54

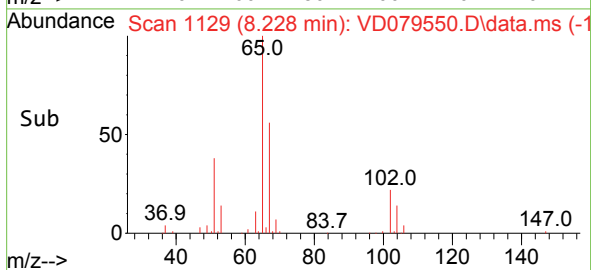
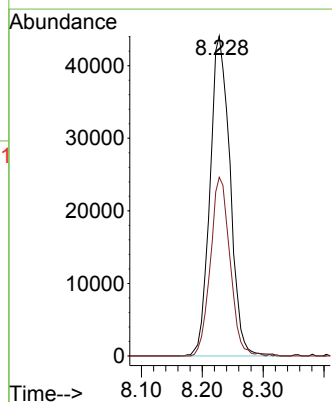
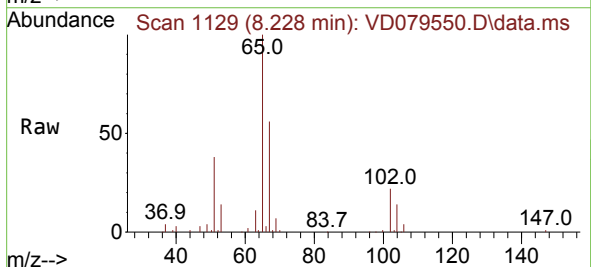
Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

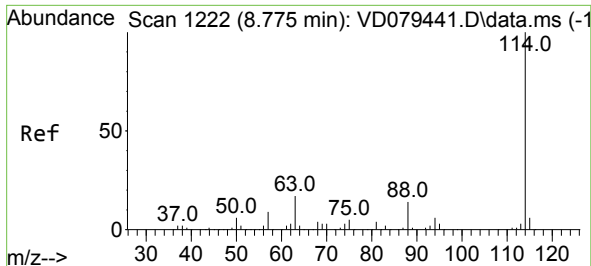
Tgt Ion:168 Resp: 207247
Ion Ratio Lower Upper
168 100
99 51.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 47.897 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079550.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 65 Resp: 100843
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: VD079550.D

Acq: 02 Aug 2024 18:54

Instrument :

MSVOA_D

ClientSampleId :

EO-02-073124

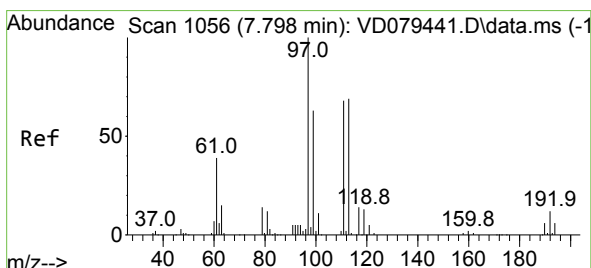
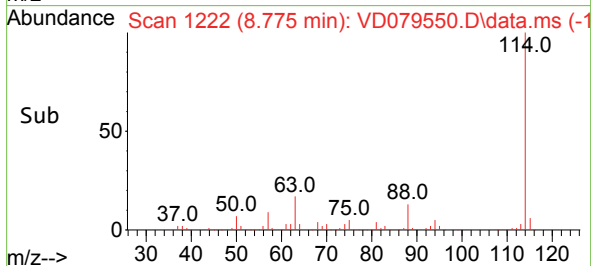
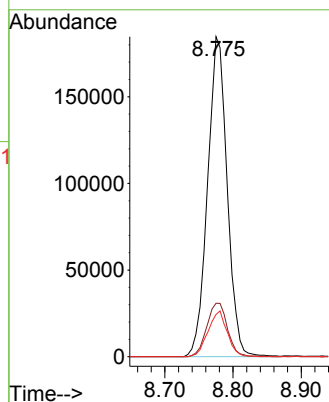
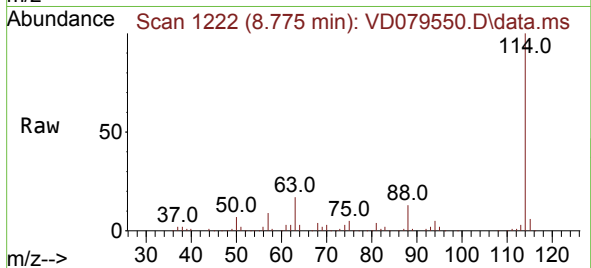
Tgt Ion:114 Resp: 368415

Ion Ratio Lower Upper

114 100

63 16.7 0.0 34.0

88 13.2 0.0 27.2



#35

Dibromofluoromethane

Concen: 42.065 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079550.D

Acq: 02 Aug 2024 18:54

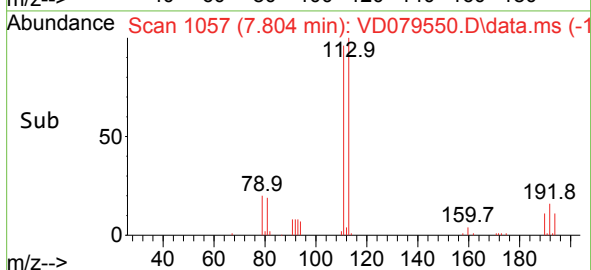
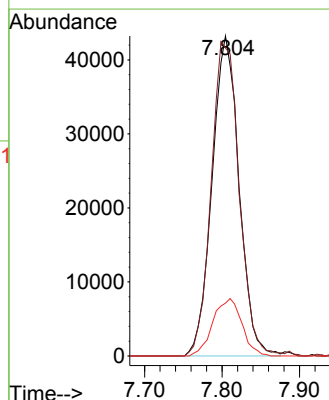
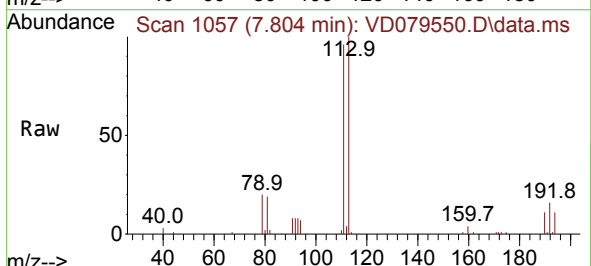
Tgt Ion:113 Resp: 104894

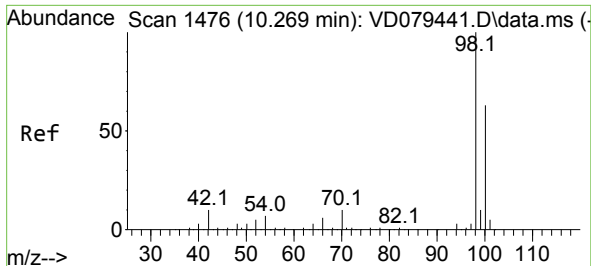
Ion Ratio Lower Upper

113 100

111 101.7 84.0 126.0

192 19.2 15.4 23.0

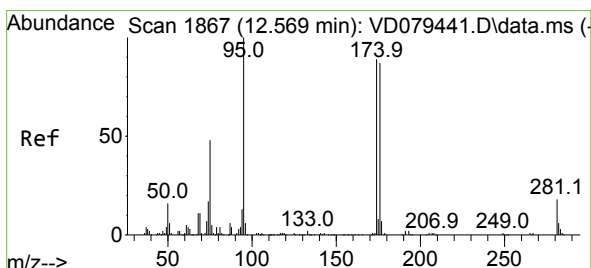
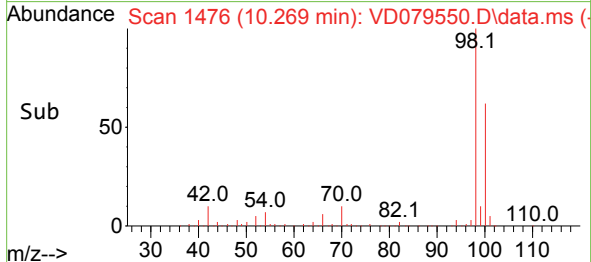
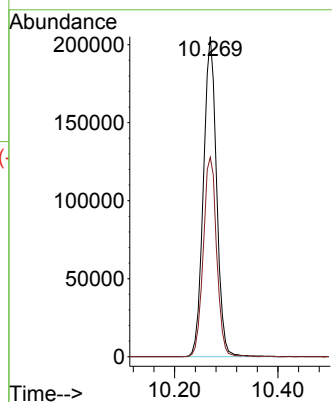
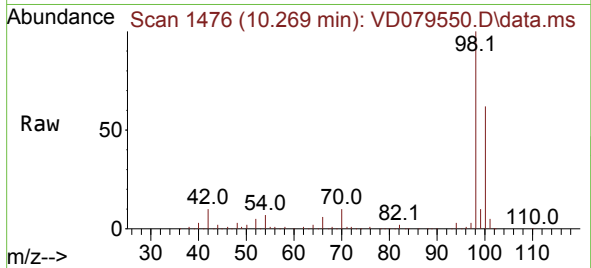




#50
Toluene-d8
Concen: 37.370 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079550.D
Acq: 02 Aug 2024 18:54

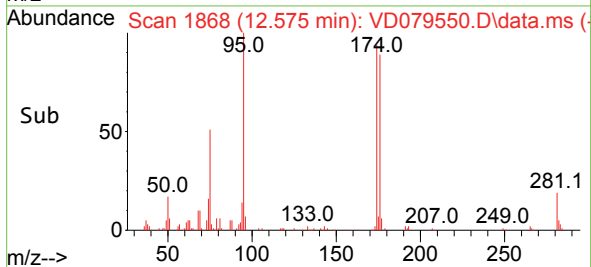
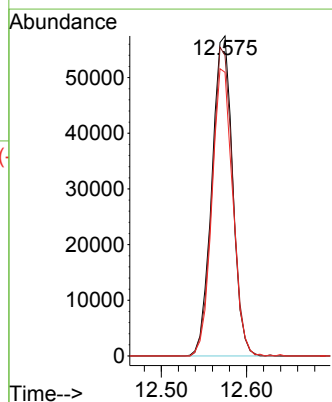
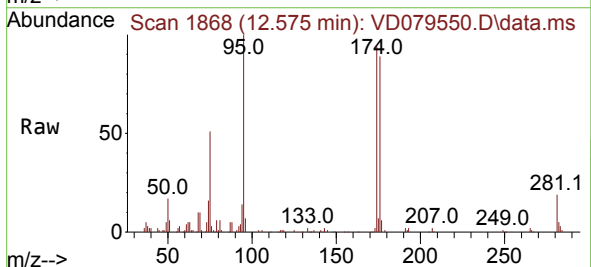
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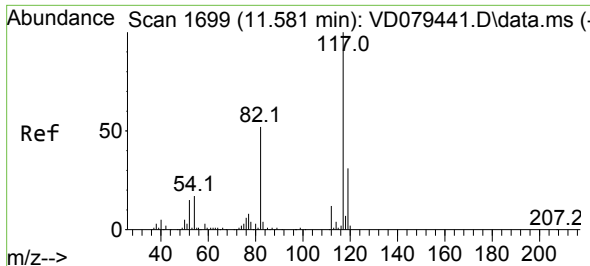
Tgt Ion: 98 Resp: 361878
Ion Ratio Lower Upper
98 100
100 63.2 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 34.755 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.006 min
Lab File: VD079550.D
Acq: 02 Aug 2024 18:54

Tgt Ion: 95 Resp: 97393
Ion Ratio Lower Upper
95 100
174 95.6 0.0 195.4
176 89.4 0.0 192.6

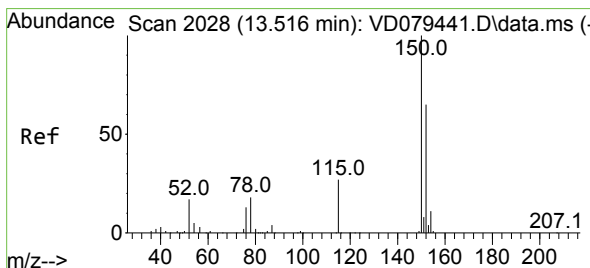
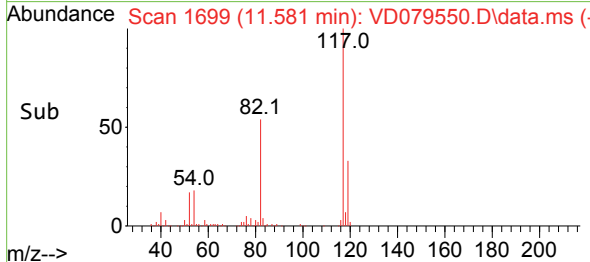
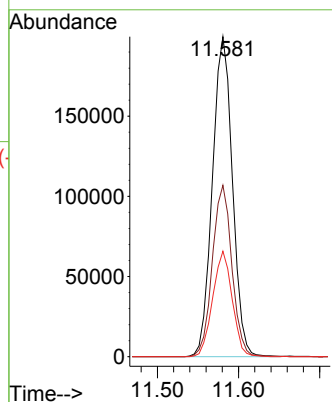
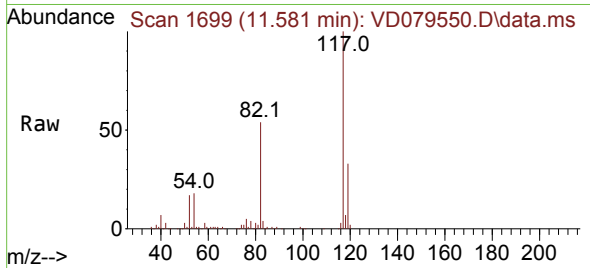




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD079550.D
Acq: 02 Aug 2024 18:54

Instrument :
MSVOA_D
ClientSampleId :
EO-02-073124

Tgt Ion:117 Resp: 342479
Ion Ratio Lower Upper
117 100
82 53.6 39.8 59.6
119 33.0 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: VD079550.D
Acq: 02 Aug 2024 18:54

Tgt Ion:152 Resp: 154941
Ion Ratio Lower Upper
152 100
115 55.3 26.5 79.5
150 156.2 0.0 341.6

