

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080924\
 Data File : VD079698.D
 Acq On : 09 Aug 2024 17:31
 Operator : RP/MD
 Sample : P3489-02RE
 Misc : 5.08G/5.0ml/MSVOA_D/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VOCRE

Quant Time: Aug 10 02:12:52 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	34469	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	75831	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	55055	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.510	152	12858	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	36219	103.432	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	206.860%#
35) Dibromofluoromethane	7.804	113	29447	57.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.740%
50) Toluene-d8	10.269	98	63433	31.825	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	63.660%
62) 4-Bromofluorobenzene	12.569	95	12488	21.651	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	43.300%

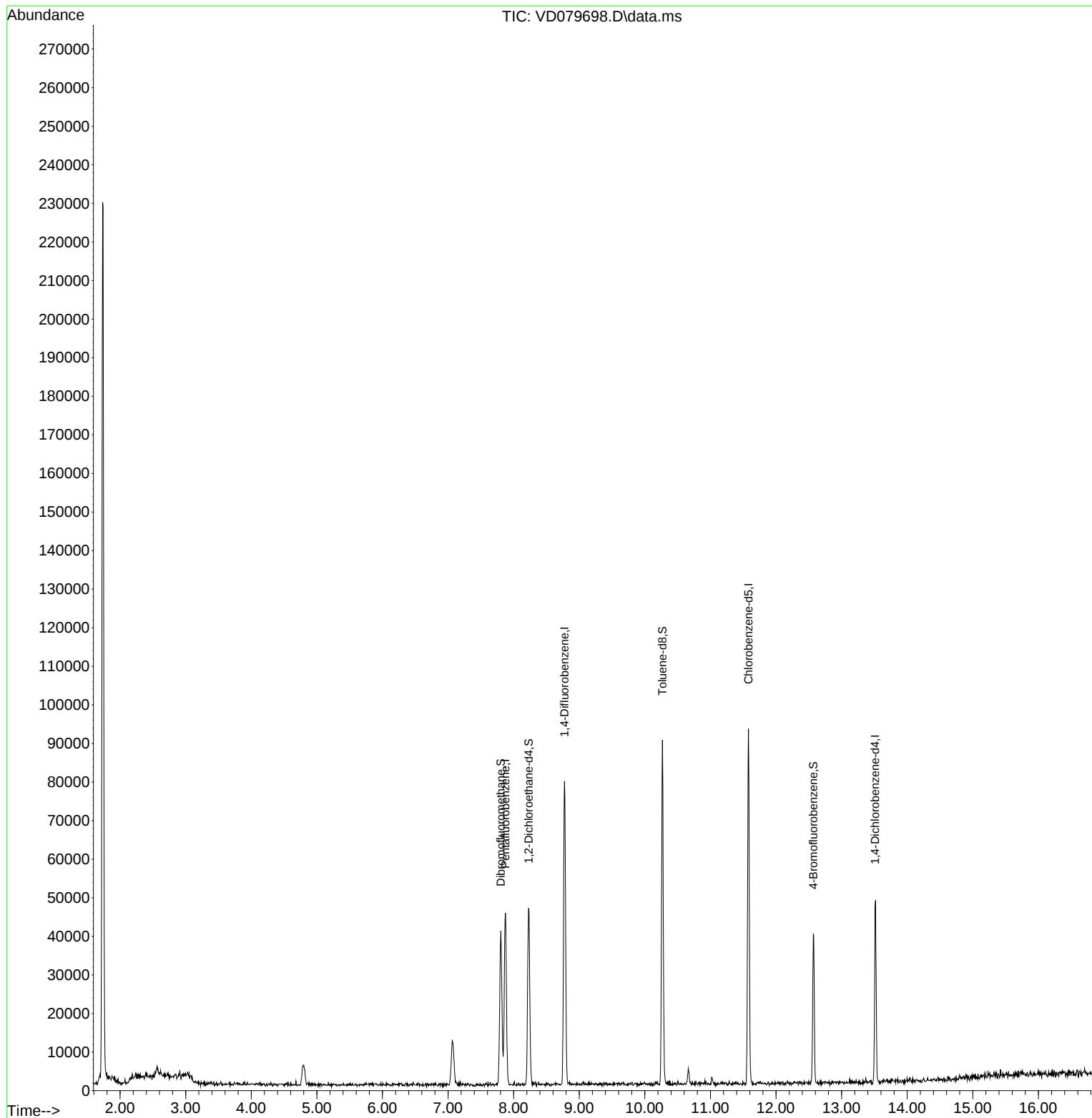
Target Compounds	Qvalue

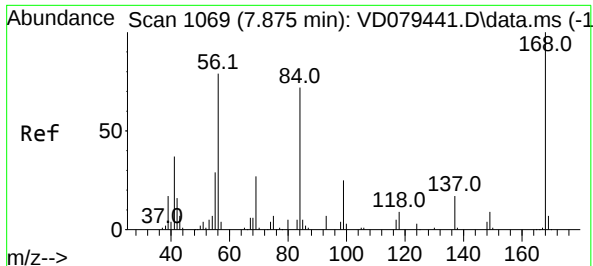
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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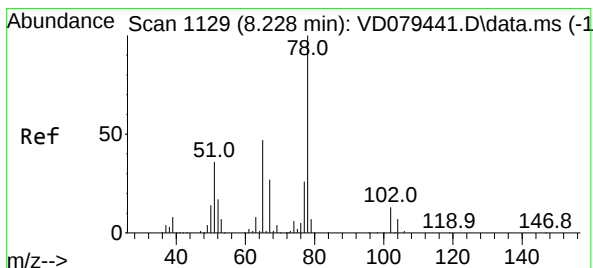
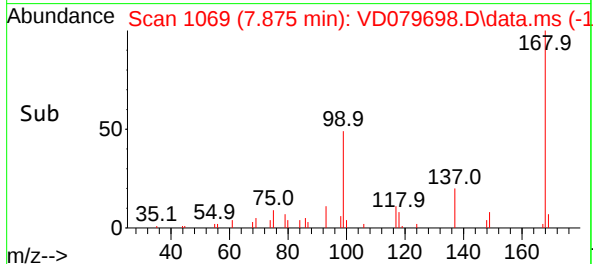
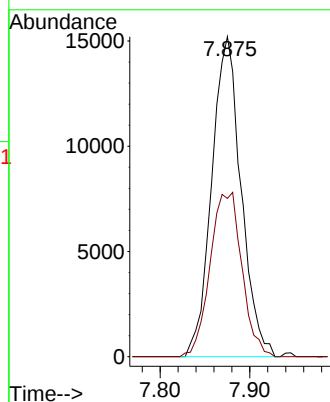
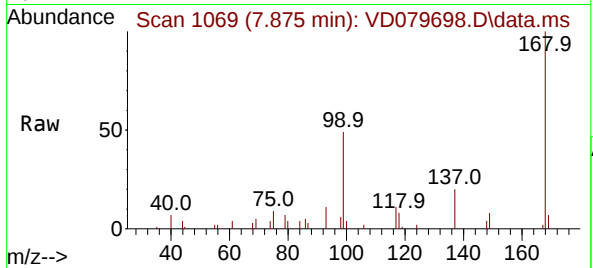




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

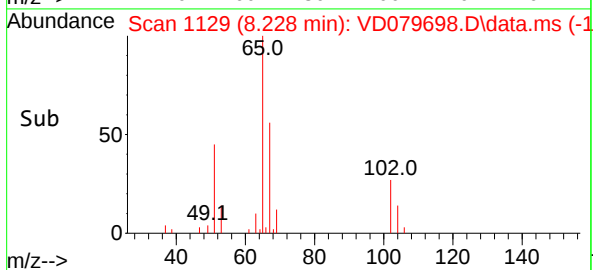
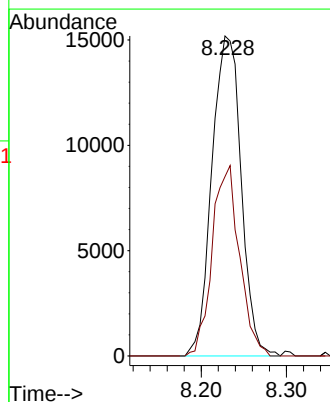
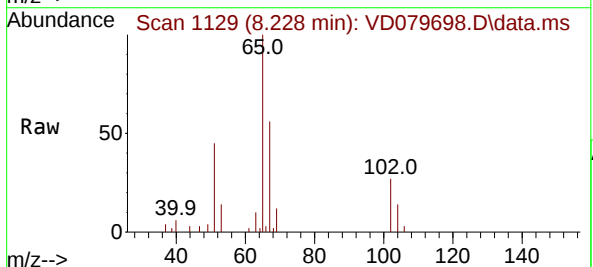
Instrument :
MSVOA_D
ClientSampleId :
VOCRE

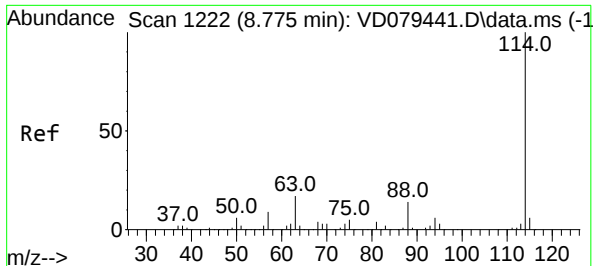
Tgt Ion:168 Resp: 34469
Ion Ratio Lower Upper
168 100
99 49.4 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 103.432 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion: 65 Resp: 36219
Ion Ratio Lower Upper
65 100
67 55.5 0.0 111.0

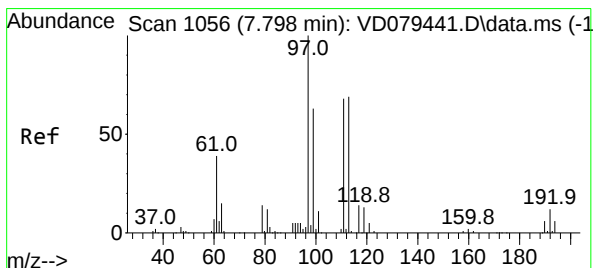
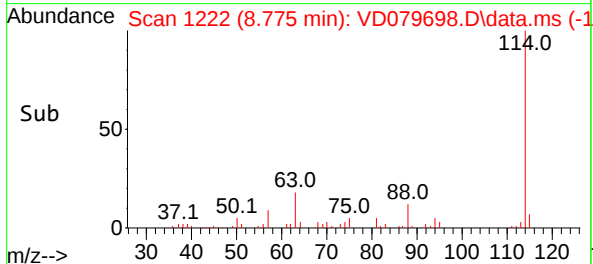
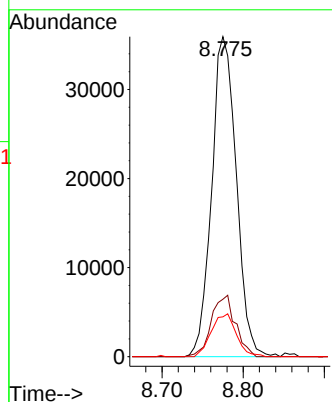
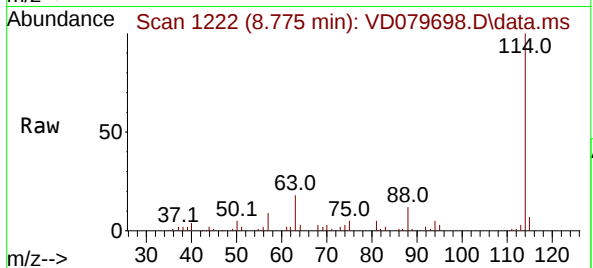




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.775 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

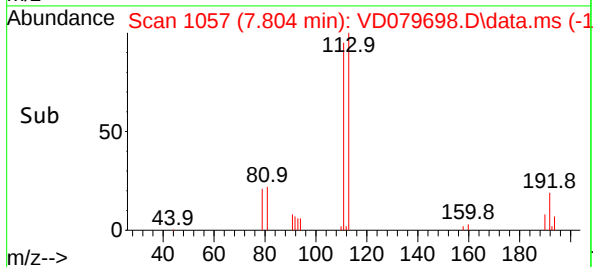
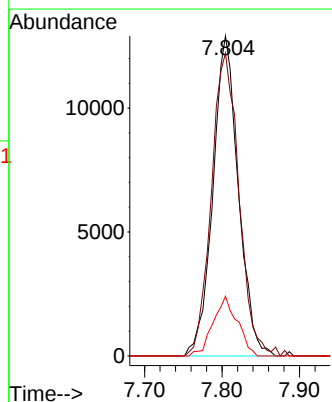
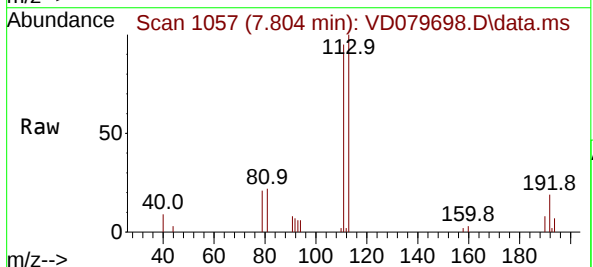
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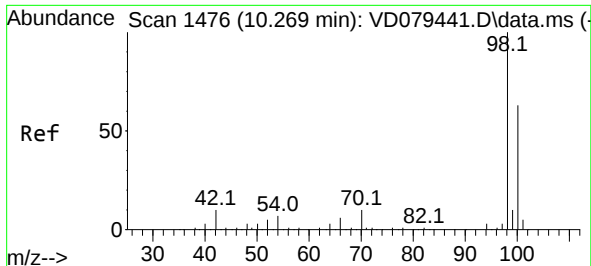
Tgt Ion:114 Resp: 75831
Ion Ratio Lower Upper
114 100
63 17.9 0.0 34.0
88 12.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.373 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion:113 Resp: 29447
Ion Ratio Lower Upper
113 100
111 102.7 84.0 126.0
192 17.8 15.4 23.0

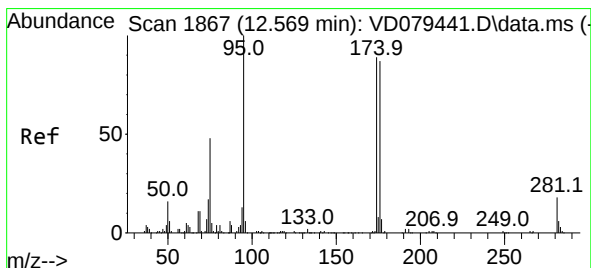
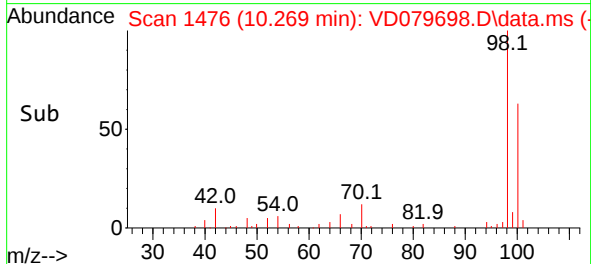
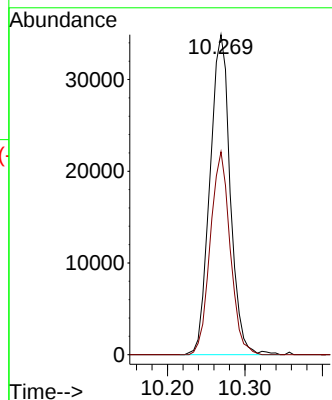
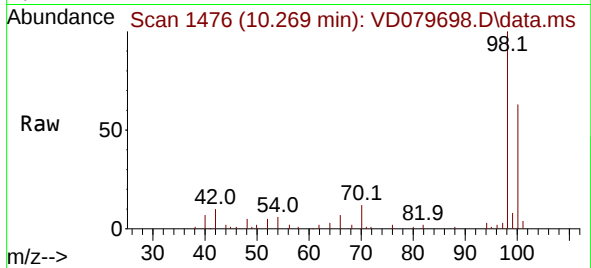




#50
Toluene-d8
Concen: 31.825 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

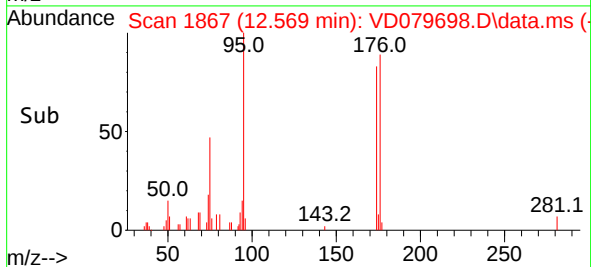
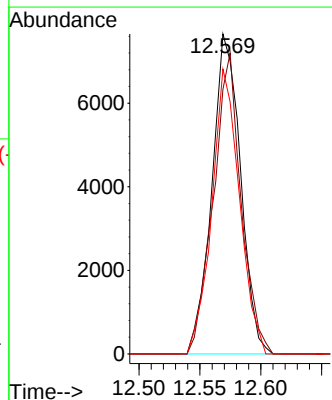
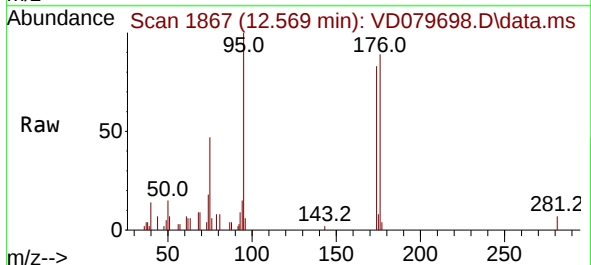
Instrument :
MSVOA_D
ClientSampleId :
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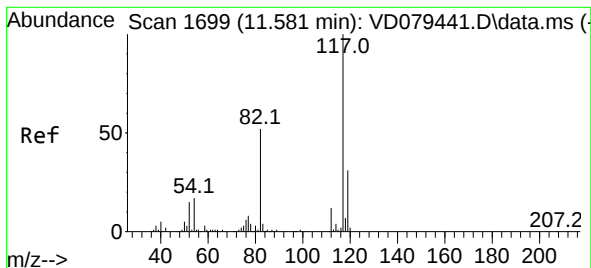
Tgt Ion: 98 Resp: 63433
Ion Ratio Lower Upper
98 100
100 62.1 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 21.651 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion: 95 Resp: 12488
Ion Ratio Lower Upper
95 100
174 91.4 0.0 195.4
176 86.3 0.0 192.6

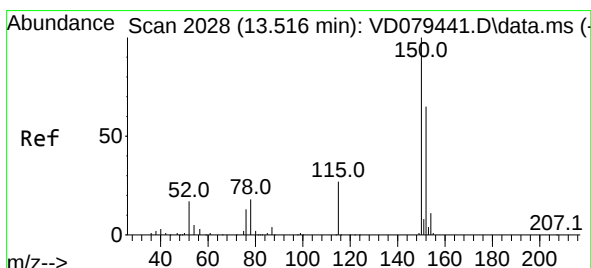
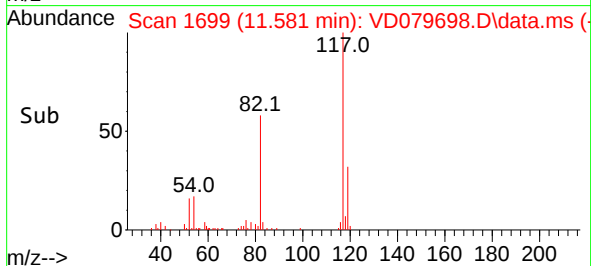
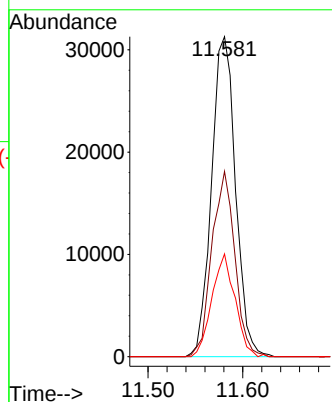
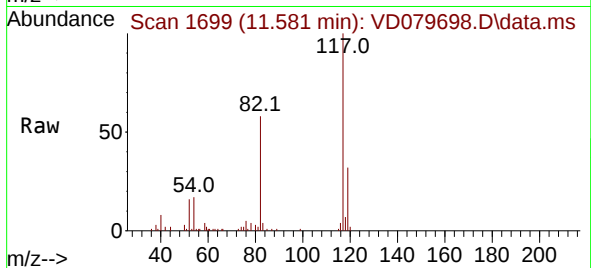




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Instrument :
MSVOA_D
ClientSampleId :
VOCRE

Tgt Ion:117	Resp:	55055
Ion Ratio	Lower	Upper
117	100	
82	57.9	39.8 59.6
119	32.1	25.7 38.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.510 min Scan# 2027
Delta R.T. -0.000 min
Lab File: VD079698.D
Acq: 09 Aug 2024 17:31

Tgt Ion:152	Resp:	12858
Ion Ratio	Lower	Upper
152	100	
115	62.6	26.5 79.5
150	166.1	0.0 341.6

