

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080524\
 Data File : VD079595.D
 Acq On : 05 Aug 2024 23:40
 Operator : RP/MD
 Sample : VD0805SBL02
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0805SBL02

Quant Time: Aug 06 02:51:41 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	178061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	344349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	309755	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	134493	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	114900	63.518	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	127.040%
35) Dibromofluoromethane	7.804	113	120709	51.791	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.580%
50) Toluene-d8	10.269	98	432067	47.737	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.480%
62) 4-Bromofluorobenzene	12.569	95	114398	43.677	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.360%

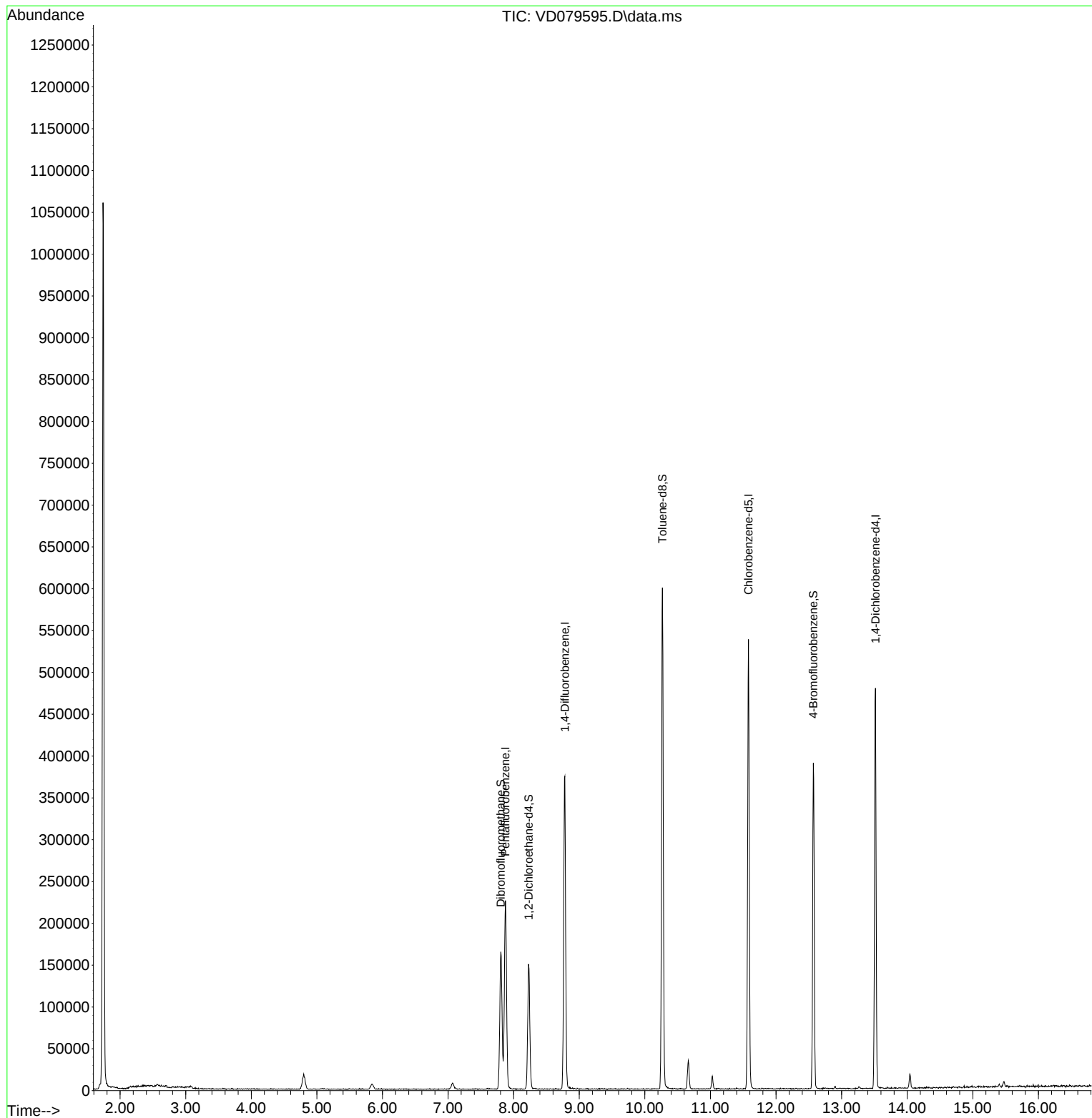
Target Compounds	Qvalue

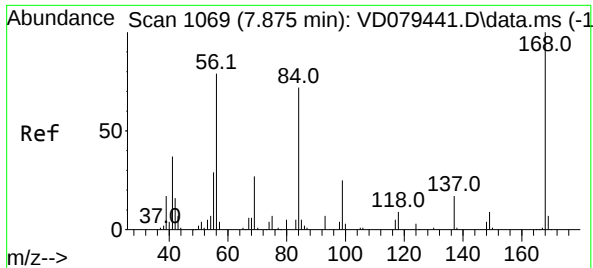
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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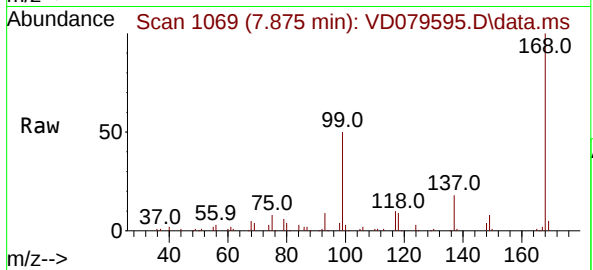
Quant Time: Aug 06 02:51:41 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072924S.M
Quant Title : SW846 8260
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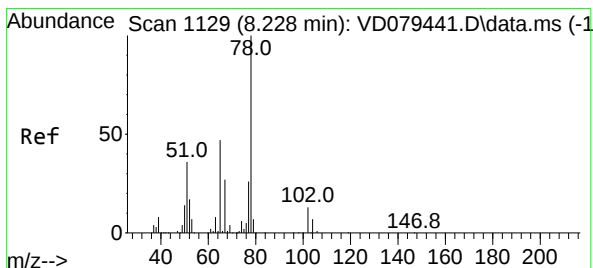
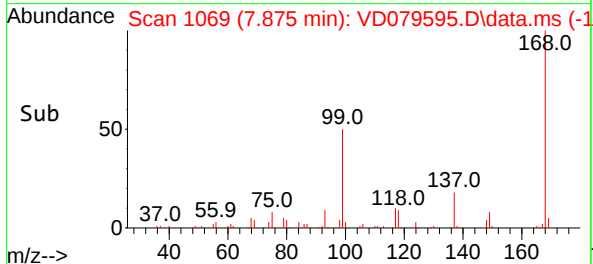
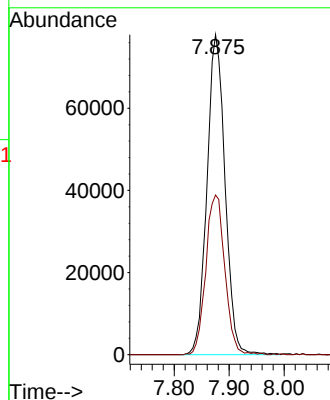


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Instrument :
MSVOA_D
ClientSampleId :
VD0805SBL02

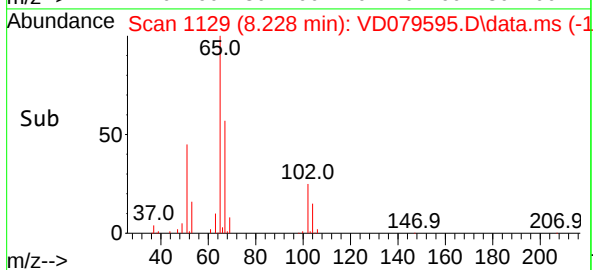
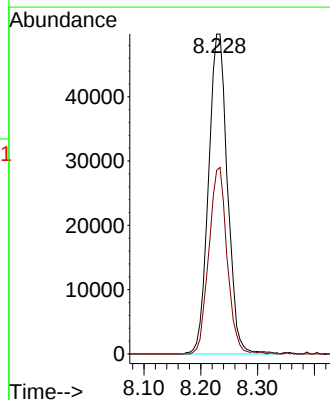
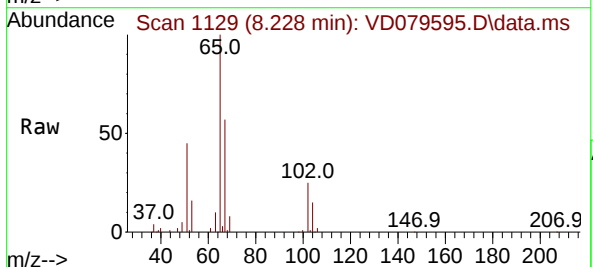


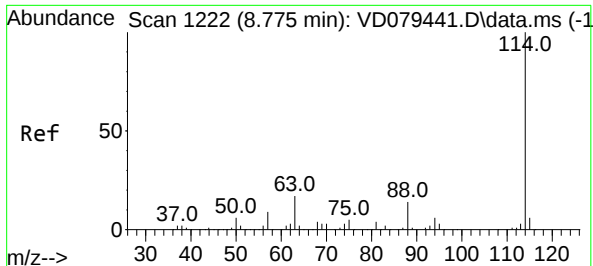
Tgt Ion:168 Resp: 178061
Ion Ratio Lower Upper
168 100
99 49.9 41.1 61.7



#33
1,2-Dichloroethane-d4
Concen: 63.518 ug/l
RT: 8.228 min Scan# 1129
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 65 Resp: 114900
Ion Ratio Lower Upper
65 100
67 56.3 0.0 111.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD079595.D

Acq: 05 Aug 2024 23:40

Instrument :

MSVOA_D

ClientSampleId :

VD0805SBL02

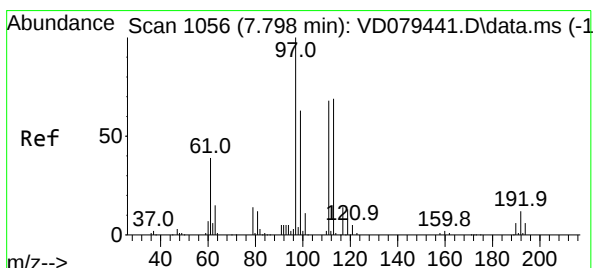
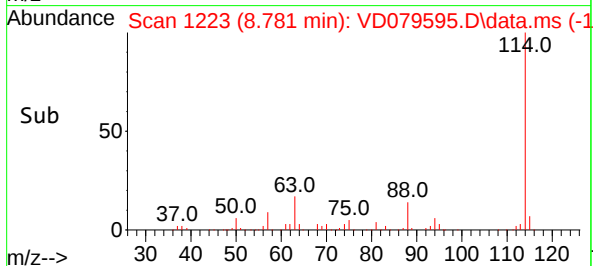
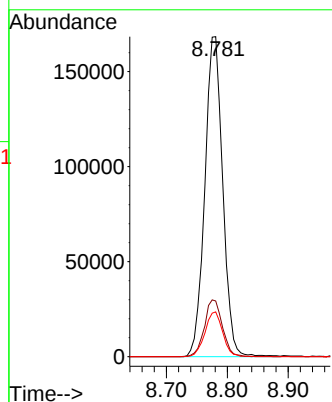
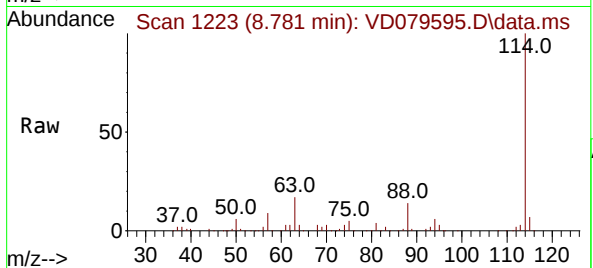
Tgt Ion:114 Resp: 344349

Ion Ratio Lower Upper

114 100

63 17.4 0.0 34.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 51.791 ug/l

RT: 7.804 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VD079595.D

Acq: 05 Aug 2024 23:40

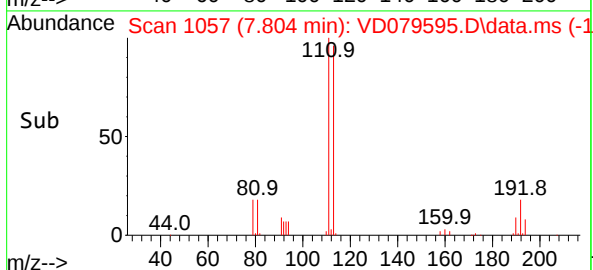
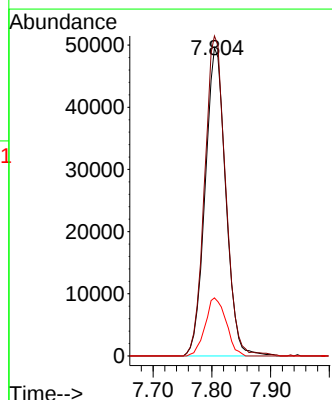
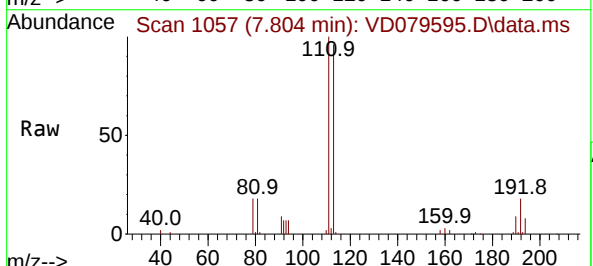
Tgt Ion:113 Resp: 120709

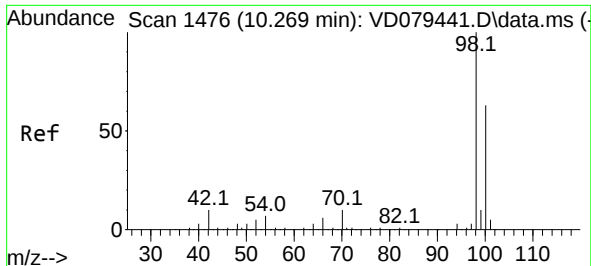
Ion Ratio Lower Upper

113 100

111 105.3 84.0 126.0

192 19.1 15.4 23.0

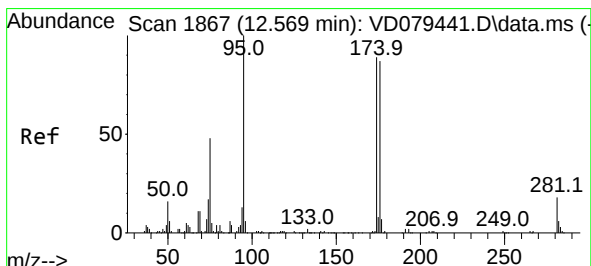
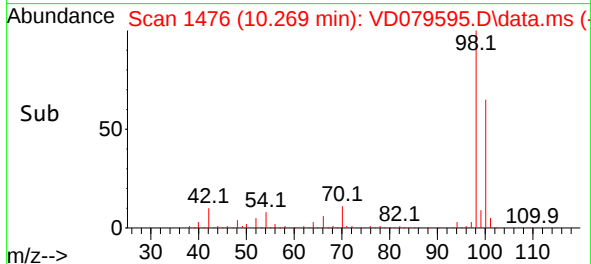
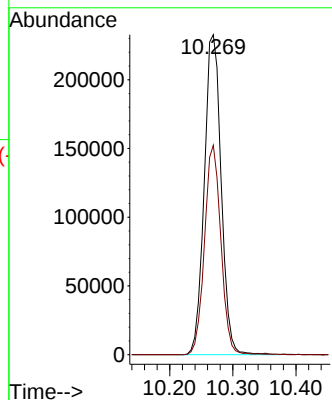
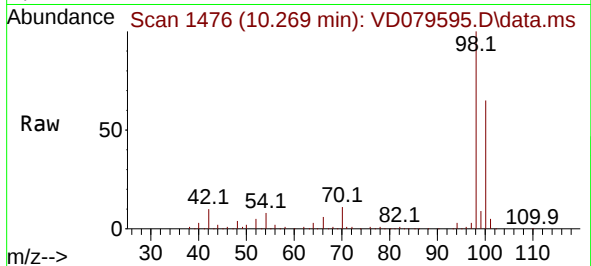




#50
Toluene-d8
Concen: 47.737 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. 0.006 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

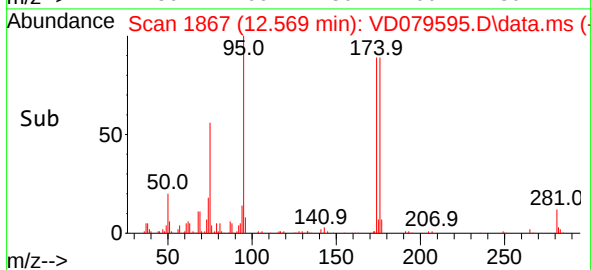
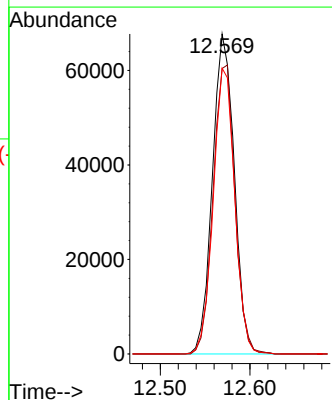
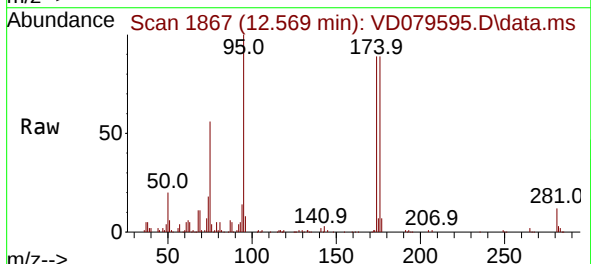
Instrument :
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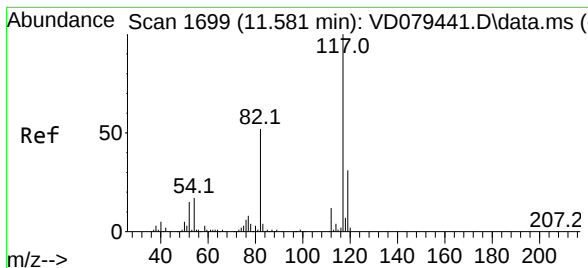
Tgt Ion: 98 Resp: 432067
Ion Ratio Lower Upper
98 100
100 63.5 51.6 77.4



#62
4-Bromofluorobenzene
Concen: 43.677 ug/l
RT: 12.569 min Scan# 1867
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion: 95 Resp: 114398
Ion Ratio Lower Upper
95 100
174 90.2 0.0 195.4
176 87.9 0.0 192.6

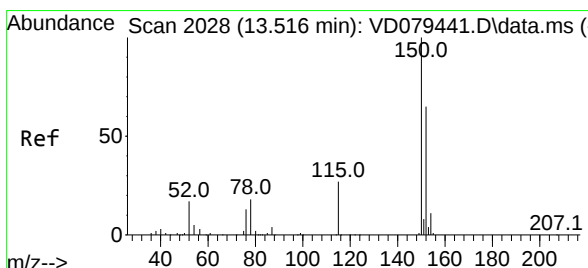
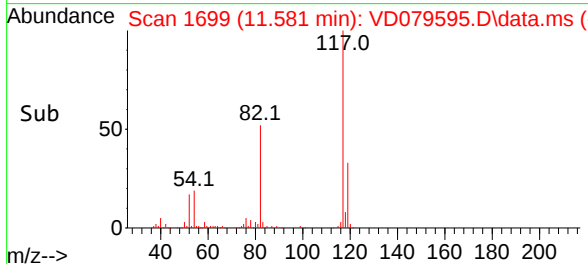
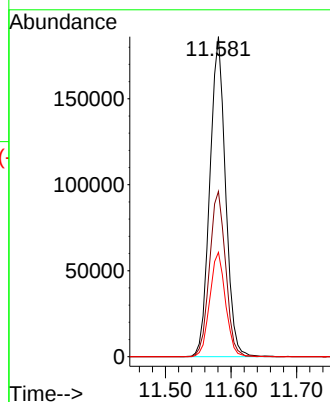
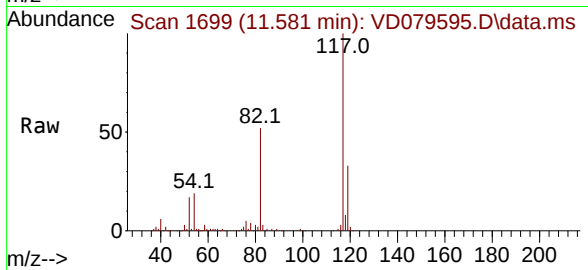




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD079595.D
Acq: 05 Aug 2024 23:40

Instrument :
MSVOA_D
ClientSampleId :
VD0805SBL02

Tgt Ion:117 Resp: 309755
Ion Ratio Lower Upper
117 100
82 51.6 39.8 59.6
119 32.6 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: VD079595.D
Acq: 05 Aug 2024 23:40

Tgt Ion:152 Resp: 134493
Ion Ratio Lower Upper
152 100
115 56.0 26.5 79.5
150 156.5 0.0 341.6

