

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032124\
 Data File : VD078730.D
 Acq On : 21 Mar 2024 18:03
 Operator : RP/MD
 Sample : P1832-01
 Misc : 5.01G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 600581536

Quant Time: Mar 22 06:57:29 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	7.869	168	1267	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	1800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	1641	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	798	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.240	65	588	49.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.040%
35) Dibromofluoromethane	7.799	113	900	77.658	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	155.320%#
50) Toluene-d8	10.269	98	2410	56.544	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.080%
62) 4-Bromofluorobenzene	12.581	95	456	36.570	ug/l	0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.140%

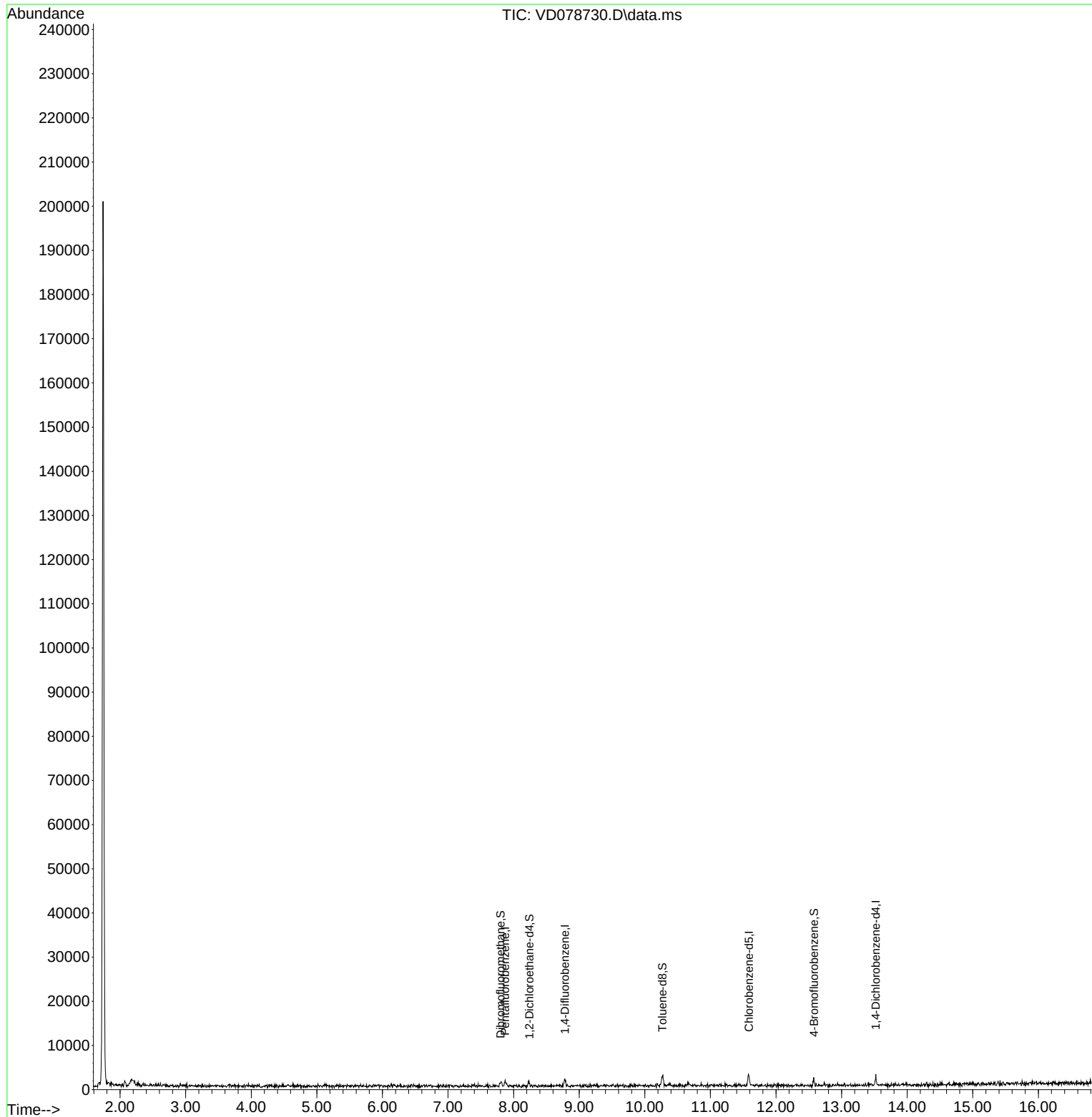
Target Compounds	Qvalue

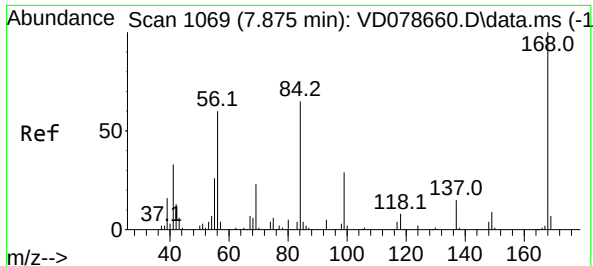
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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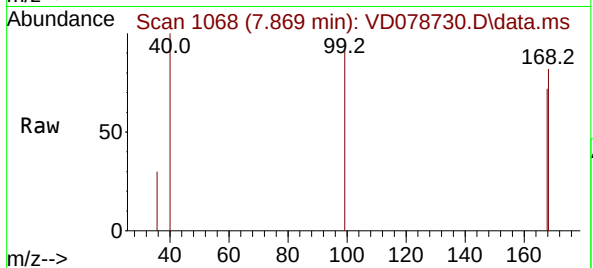
Quant Time: Mar 22 06:57:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
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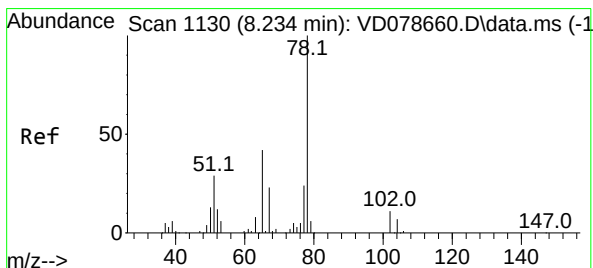
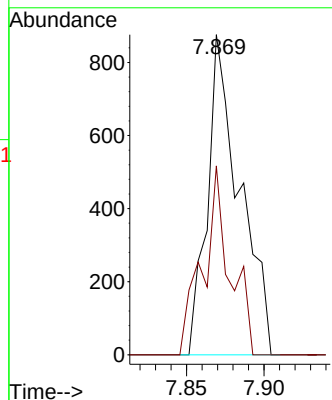
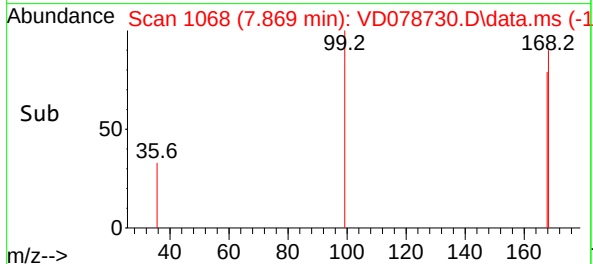


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.869 min Scan# 1068
Delta R.T. -0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :
600581536

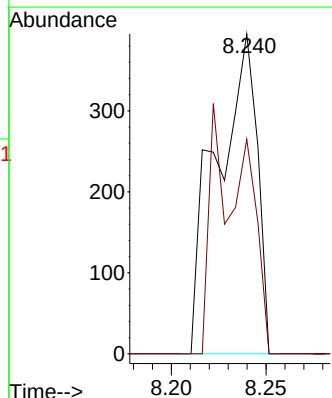
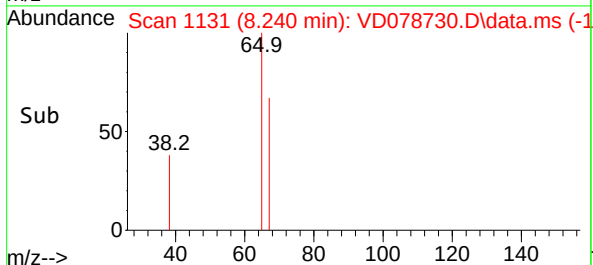
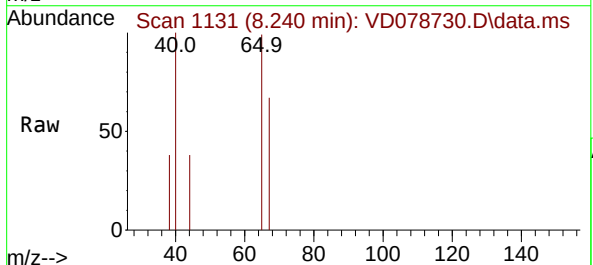


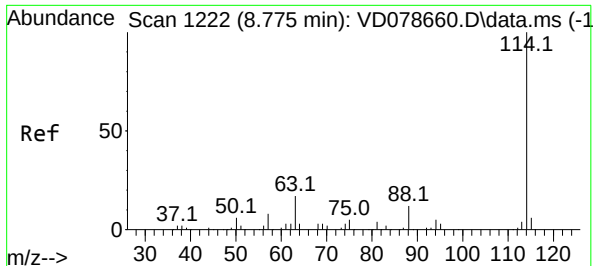
Tgt Ion:168 Resp: 1267
Ion Ratio Lower Upper
168 100
99 59.0 38.8 58.2#



#33
1,2-Dichloroethane-d4
Concen: 49.521 ug/l
RT: 8.240 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Tgt Ion: 65 Resp: 588
Ion Ratio Lower Upper
65 100
67 64.6 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD078730.D

Acq: 21 Mar 2024 18:03

Instrument :

MSVOA_D

ClientSampleId :

600581536

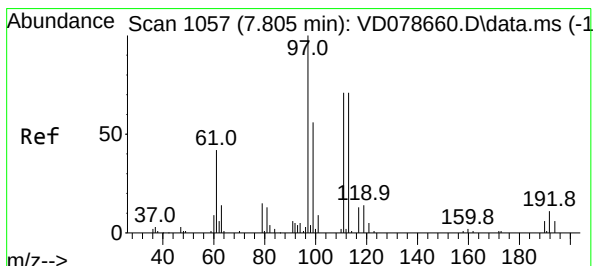
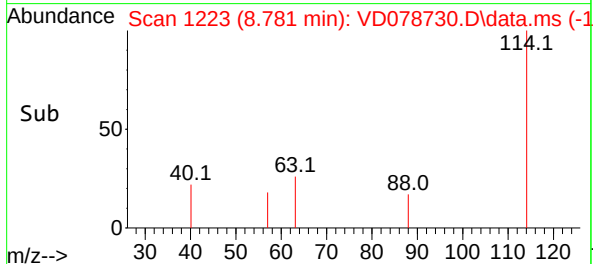
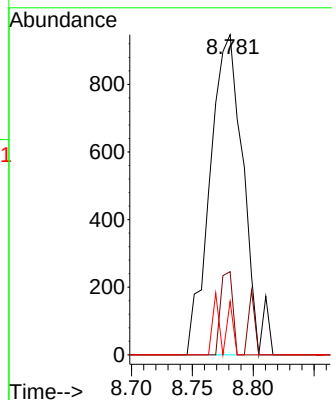
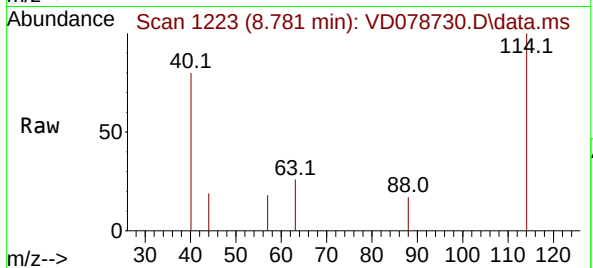
Tgt Ion:114 Resp: 1800

Ion Ratio Lower Upper

114 100

63 26.0 0.0 33.4

88 16.7 0.0 24.6



#35

Dibromofluoromethane

Concen: 77.658 ug/l

RT: 7.799 min Scan# 1056

Delta R.T. -0.006 min

Lab File: VD078730.D

Acq: 21 Mar 2024 18:03

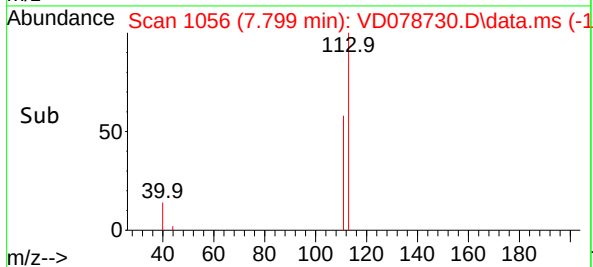
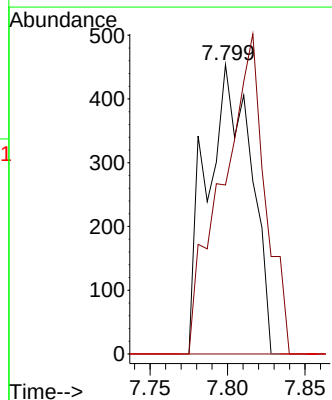
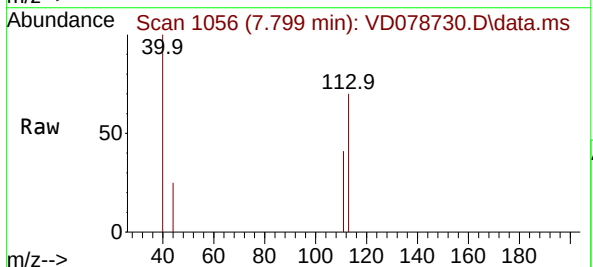
Tgt Ion:113 Resp: 900

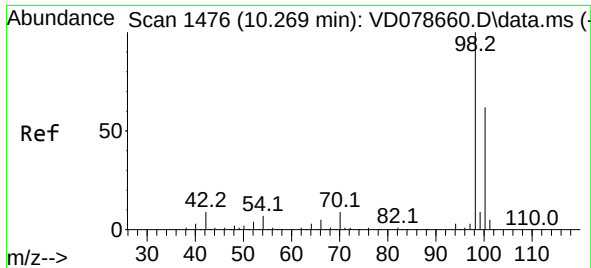
Ion Ratio Lower Upper

113 100

111 107.1 81.9 122.9

192 0.0 15.4 23.0#

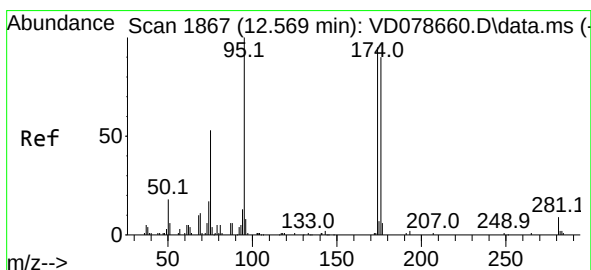
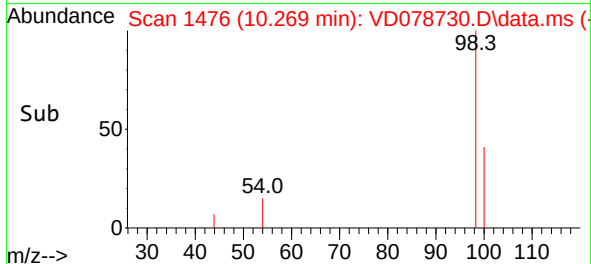
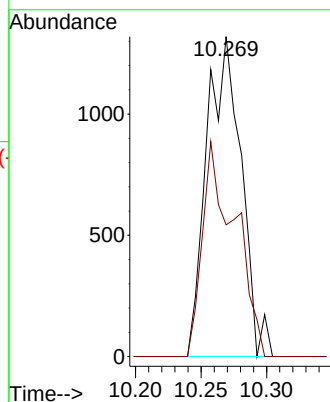
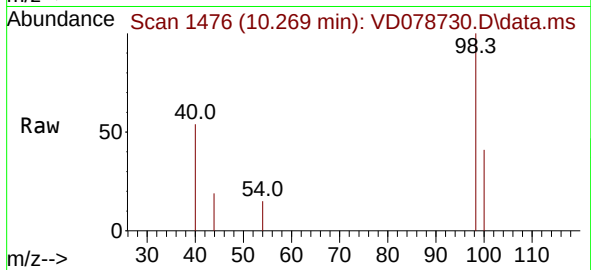




#50
Toluene-d8
Concen: 56.544 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

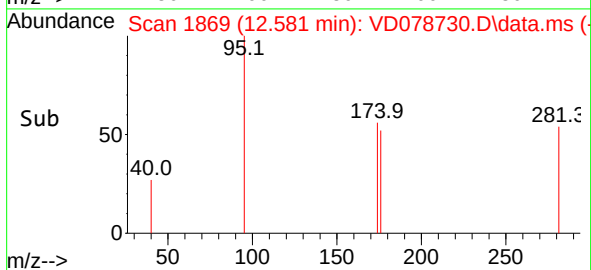
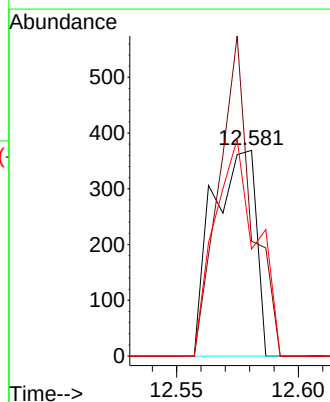
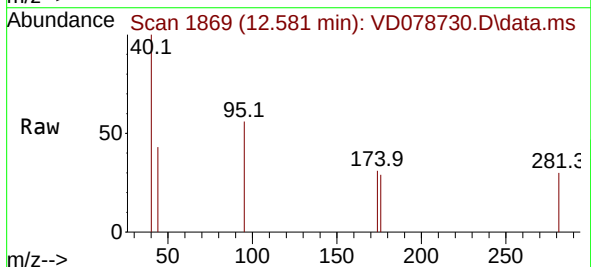
Instrument :
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600581536

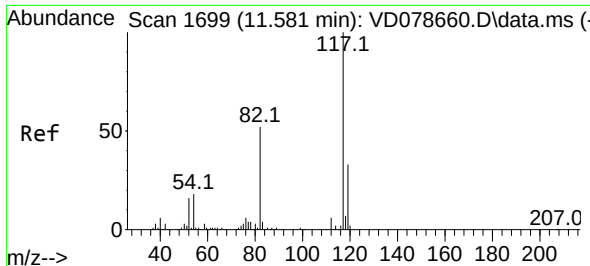
Tgt Ion: 98 Resp: 2410
Ion Ratio Lower Upper
98 100
100 63.7 50.5 75.7



#62
4-Bromofluorobenzene
Concen: 36.570 ug/l
RT: 12.581 min Scan# 1869
Delta R.T. 0.012 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Tgt Ion: 95 Resp: 456
Ion Ratio Lower Upper
95 100
174 117.3 0.0 195.2
176 101.5 0.0 188.2

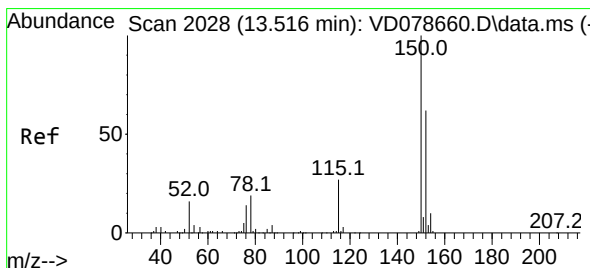
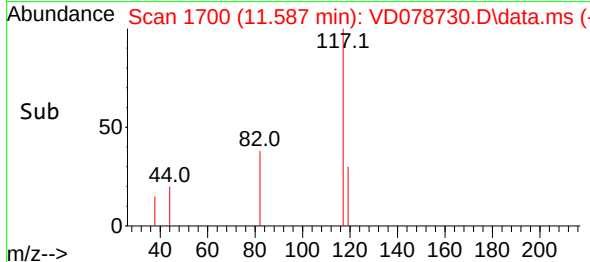
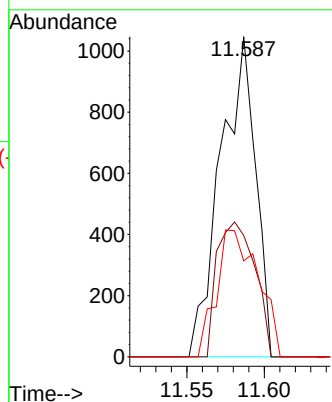
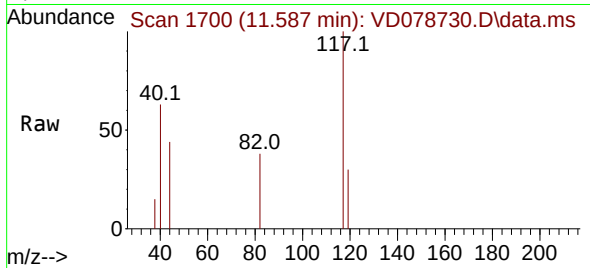




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Instrument :
MSVOA_D
ClientSampleId :
600581536

Tgt Ion:117 Resp: 1641
Ion Ratio Lower Upper
117 100
82 37.9 41.4 62.2#
119 30.0 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.522 min Scan# 2029
Delta R.T. 0.006 min
Lab File: VD078730.D
Acq: 21 Mar 2024 18:03

Tgt Ion:152 Resp: 798
Ion Ratio Lower Upper
152 100
115 32.8 27.1 81.2
150 108.9 0.0 350.2

