

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071125\
 Data File : VU063484.D
 Acq On : 11 Jul 2025 09:39
 Operator : MD/SY
 Sample : VU0711WBL01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0711WBL01

Quant Time: Jul 12 03:44:35 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jul 12 03:41:46 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.360	168	111356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	199121	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	182276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	86625	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	75524	53.157	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.320%
35) Dibromofluoromethane	5.277	113	59435	49.518	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	7.888	98	190892	48.790	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	10.624	95	79131	46.239	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.480%

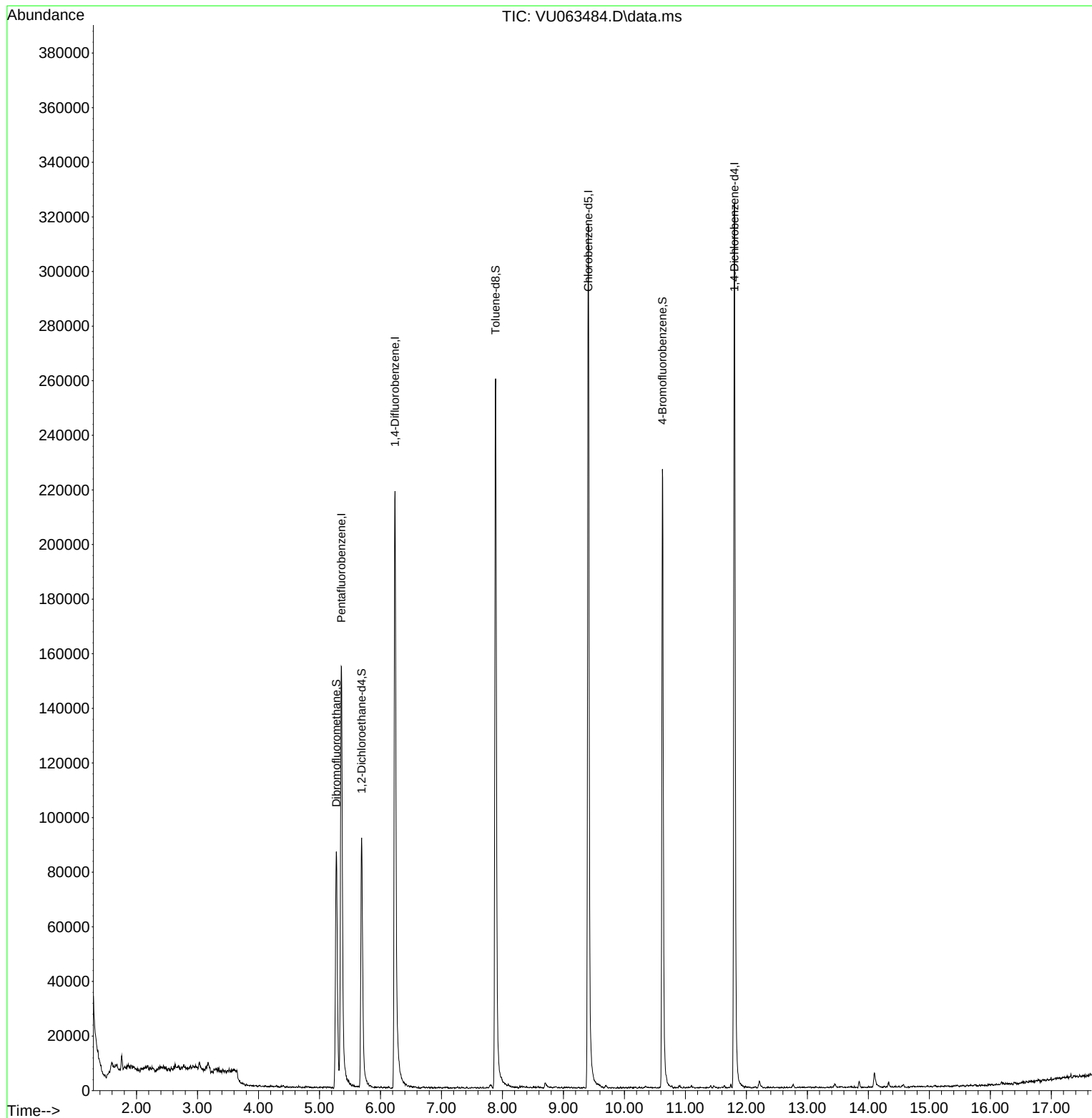
Target Compounds	Qvalue

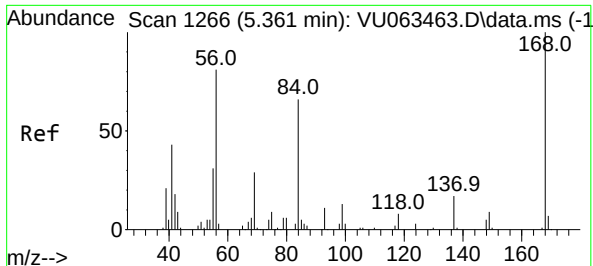
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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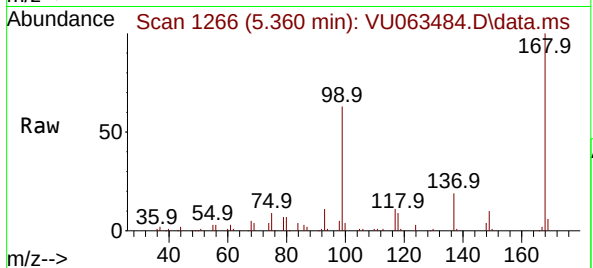
Quant Time: Jul 12 03:44:35 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
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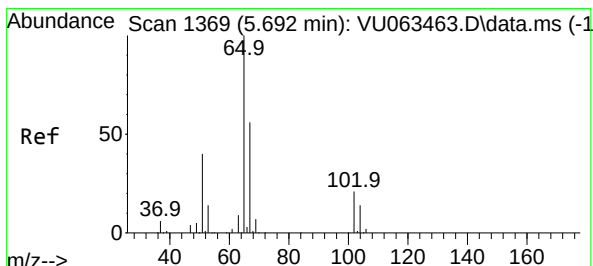
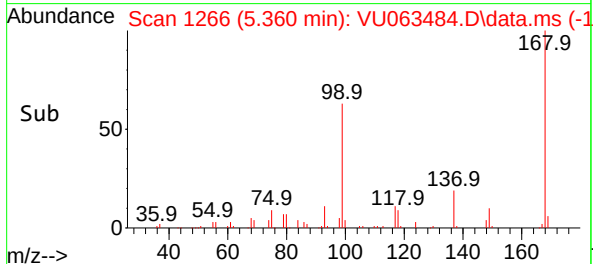
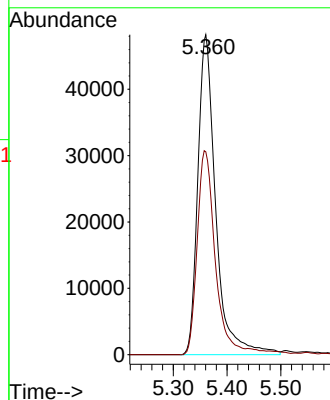


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.360 min Scan# 11
Delta R.T. -0.001 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

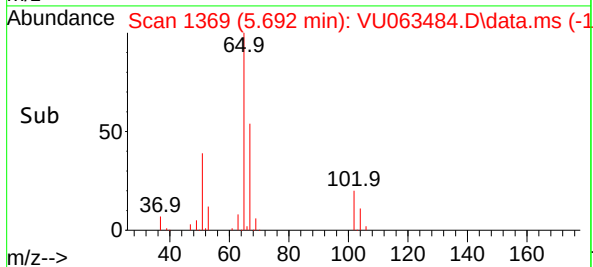
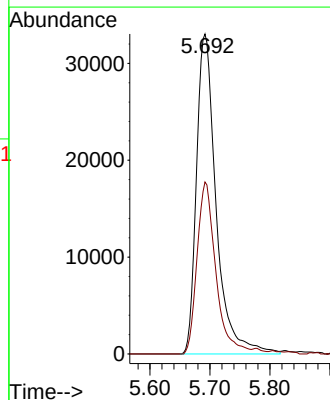
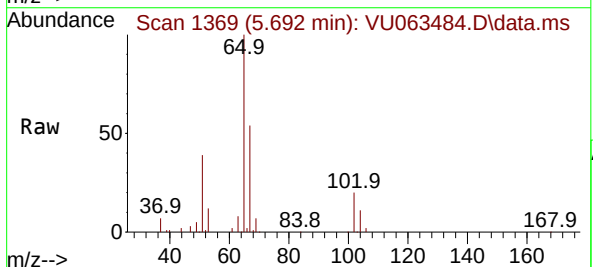


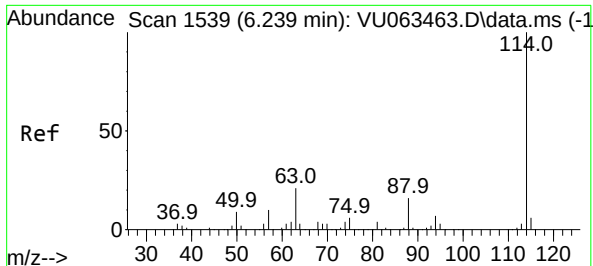
Tgt Ion:168 Resp: 111356
Ion Ratio Lower Upper
168 100
99 63.4 47.7 71.5



#33
1,2-Dichloroethane-d4
Concen: 53.157 ug/l
RT: 5.692 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 65 Resp: 75524
Ion Ratio Lower Upper
65 100
67 51.3 0.0 107.8

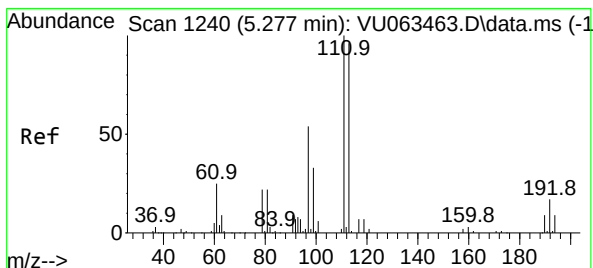
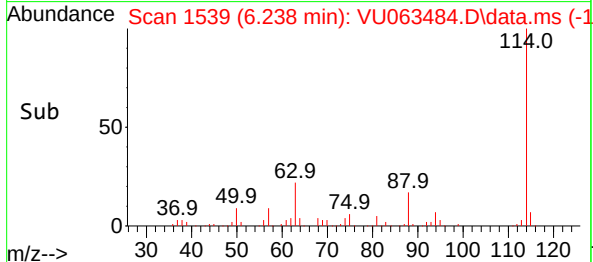
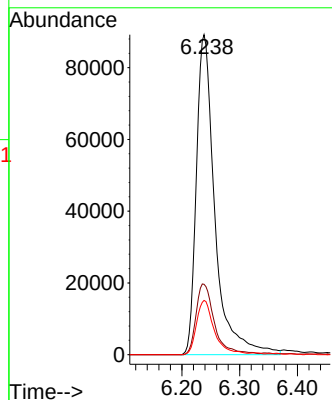
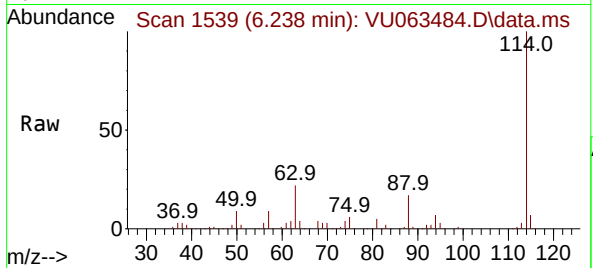




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

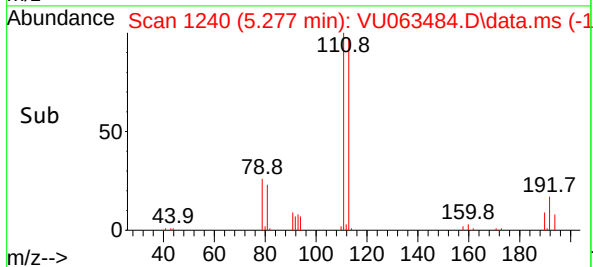
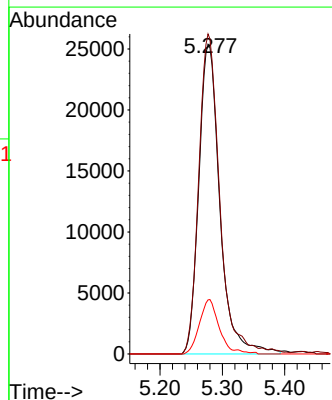
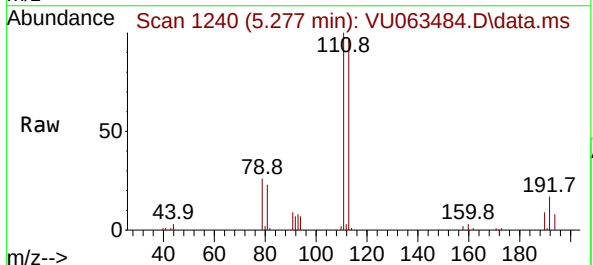
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

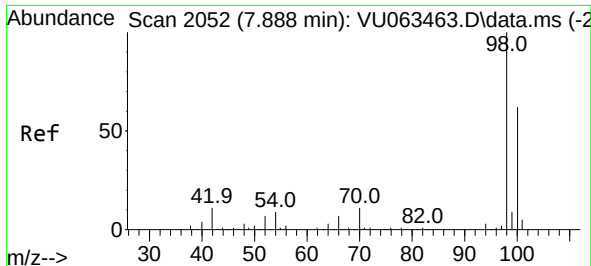
Tgt Ion:114 Resp: 199121
Ion Ratio Lower Upper
114 100
63 22.0 0.0 41.6
88 16.9 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.518 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion:113 Resp: 59435
Ion Ratio Lower Upper
113 100
111 102.4 82.1 123.1
192 16.0 14.3 21.5

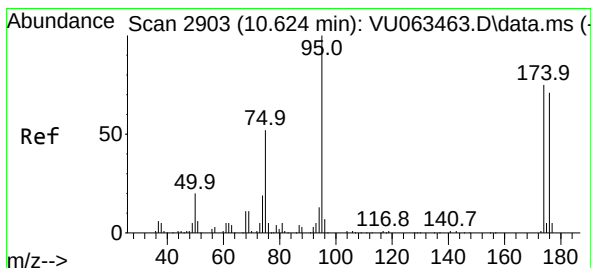
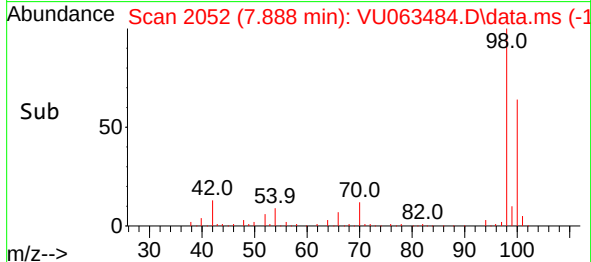
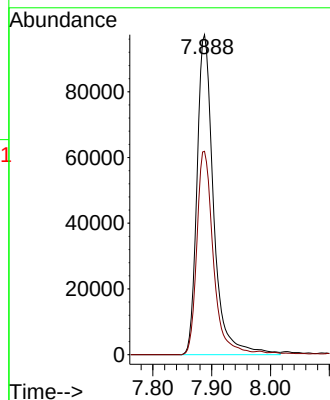
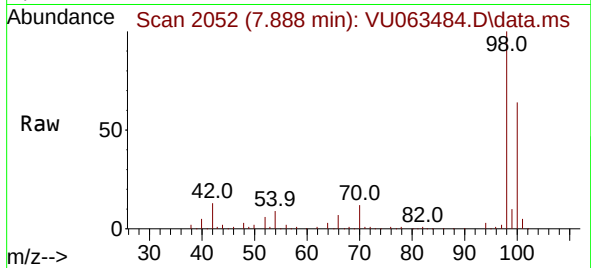




#50
Toluene-d8
Concen: 48.790 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

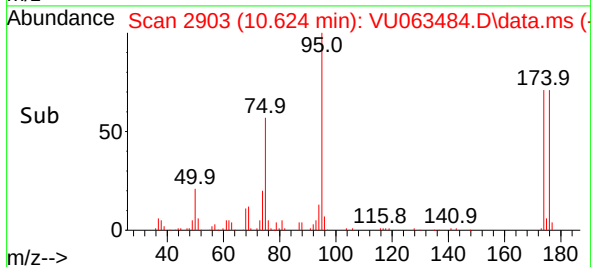
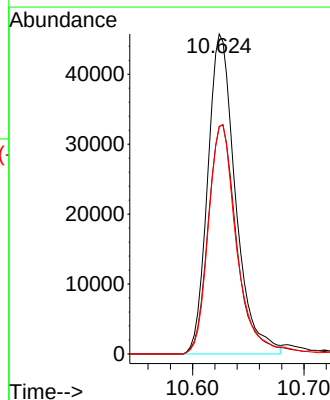
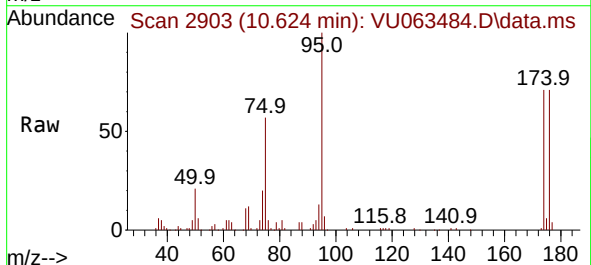
Instrument :
MSVOA_U
ClientSampleId :
VU0711WBL01

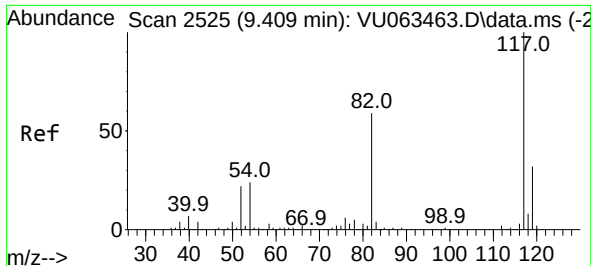
Tgt Ion: 98 Resp: 190892
Ion Ratio Lower Upper
98 100
100 63.0 48.1 72.1



#62
4-Bromofluorobenzene
Concen: 46.239 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063484.D
Acq: 11 Jul 2025 09:39

Tgt Ion: 95 Resp: 79131
Ion Ratio Lower Upper
95 100
174 74.3 0.0 153.6
176 73.3 0.0 145.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 9.409 min Scan# 2

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Instrument :

MSVOA_U

ClientSampleId :

VU0711WBL01

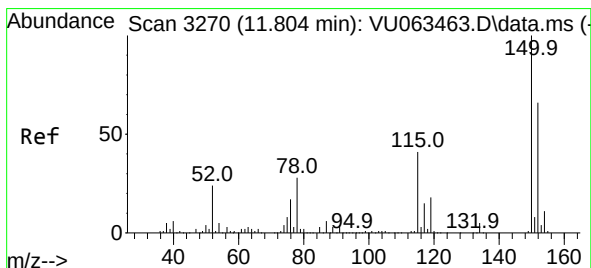
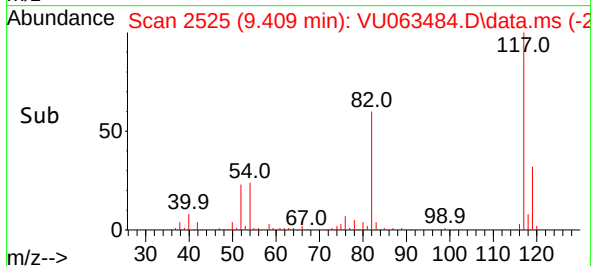
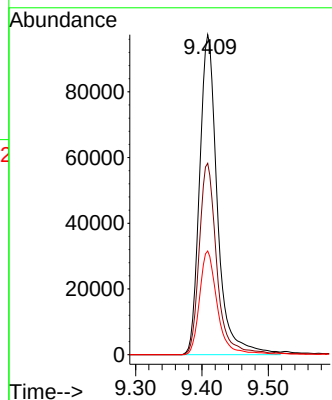
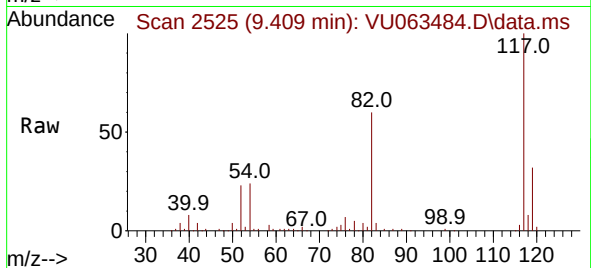
Tgt Ion:117 Resp: 182276

Ion Ratio Lower Upper

117 100

82 59.8 47.1 70.7

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.804 min Scan# 3270

Delta R.T. -0.000 min

Lab File: VU063484.D

Acq: 11 Jul 2025 09:39

Tgt Ion:152 Resp: 86625

Ion Ratio Lower Upper

152 100

115 64.1 43.4 130.2

150 158.7 0.0 341.4

