

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071025\
 Data File : VU063471.D
 Acq On : 10 Jul 2025 11:06
 Operator : MD/SY
 Sample : VU0710WBL03
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0710WBL03

Quant Time: Jul 11 04:46:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 11 04:42:35 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	126451	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	226759	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	211936	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	106082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	82995	51.442	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	102.880%
35) Dibromofluoromethane	5.277	113	68251	49.933	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.860%
50) Toluene-d8	7.888	98	215985	48.476	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.960%
62) 4-Bromofluorobenzene	10.624	95	94787	48.637	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.280%

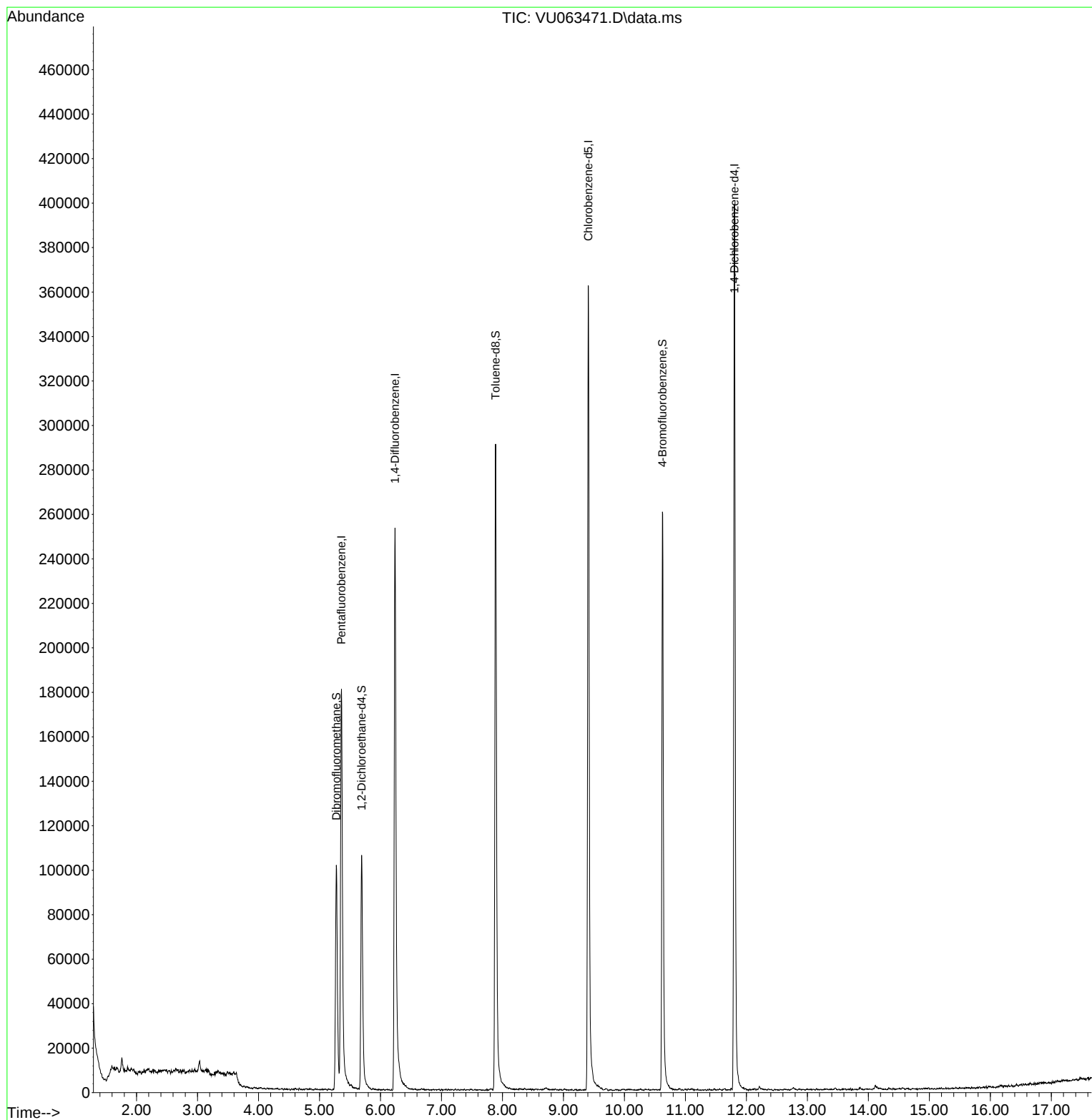
Target Compounds	Qvalue

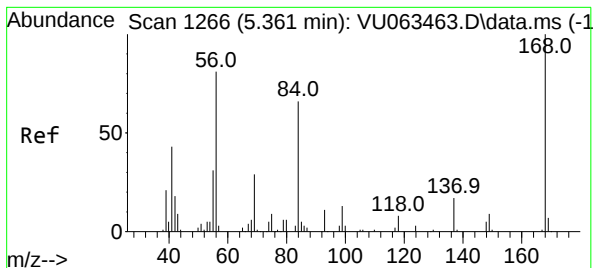
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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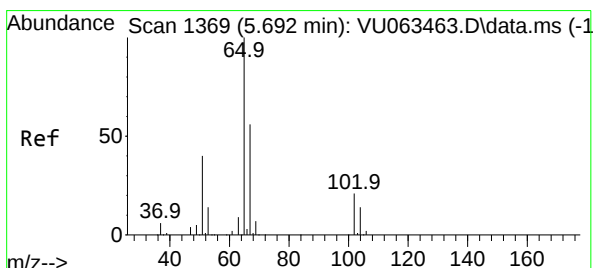
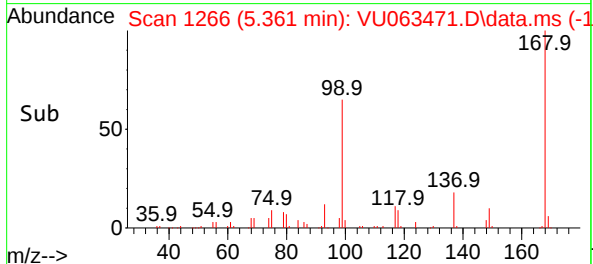
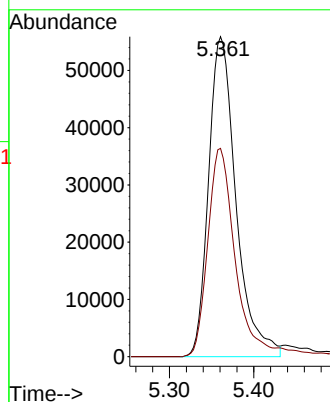
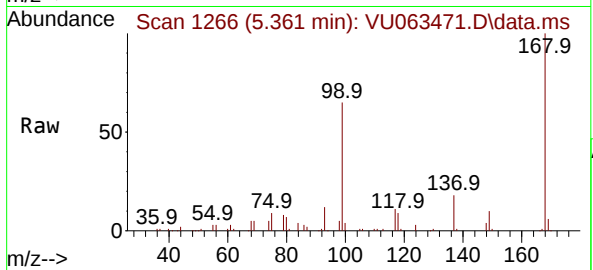




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

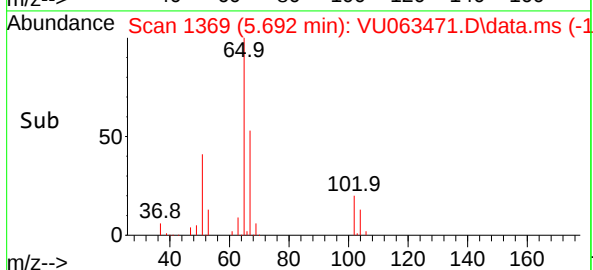
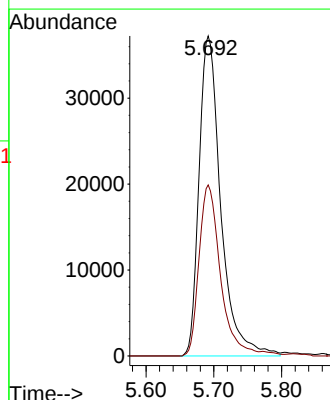
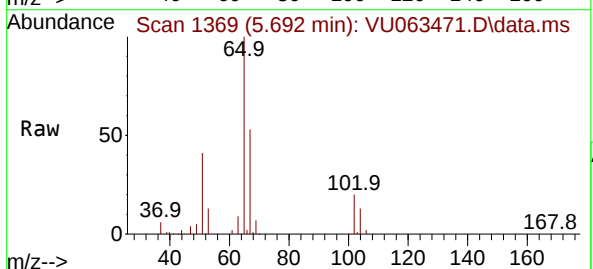
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL03

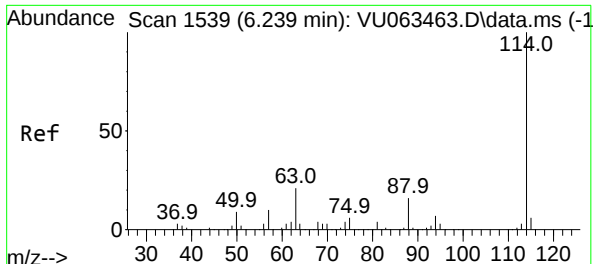
Tgt Ion:168 Resp: 126451
Ion Ratio Lower Upper
168 100
99 65.1 47.7 71.5



#33
1,2-Dichloroethane-d4
Concen: 51.442 ug/l
RT: 5.692 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

Tgt Ion: 65 Resp: 82995
Ion Ratio Lower Upper
65 100
67 52.4 0.0 107.8

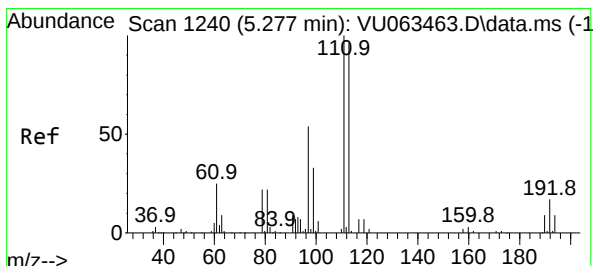
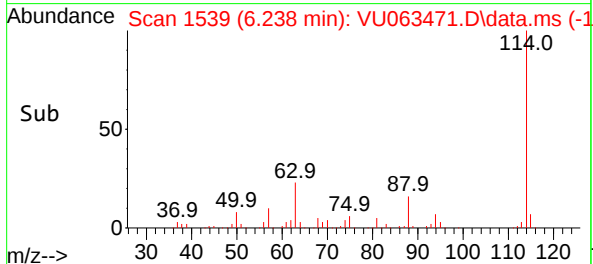
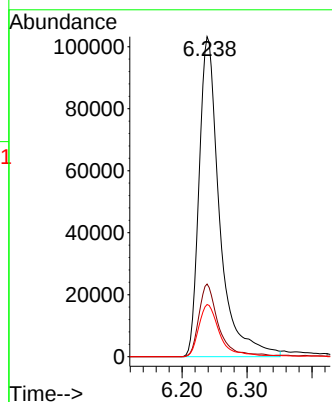
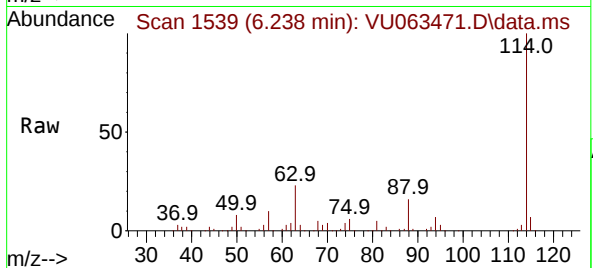




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

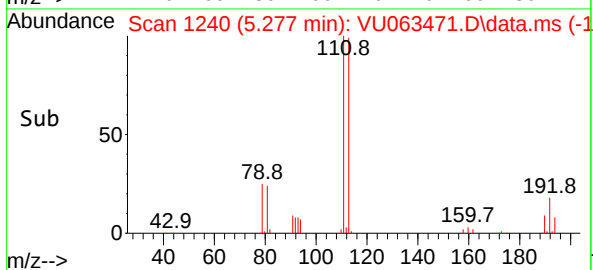
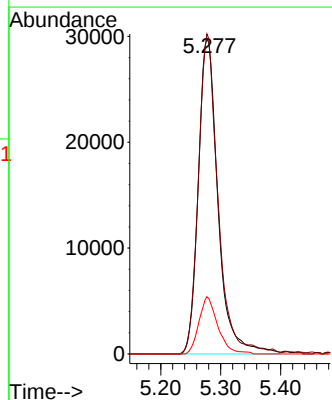
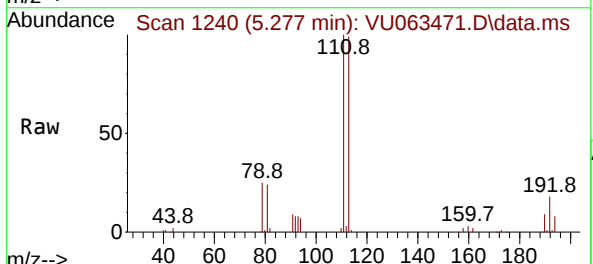
Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL03

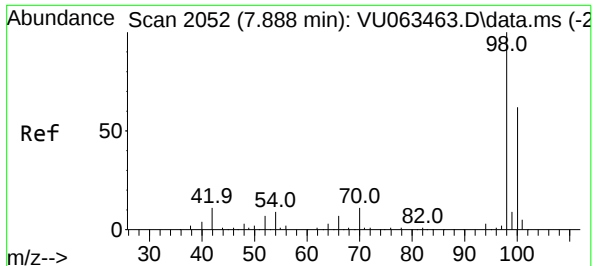
Tgt Ion:114 Resp: 226759
Ion Ratio Lower Upper
114 100
63 22.7 0.0 41.6
88 16.3 0.0 32.0



#35
Dibromofluoromethane
Concen: 49.933 ug/l
RT: 5.277 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

Tgt Ion:113 Resp: 68251
Ion Ratio Lower Upper
113 100
111 100.5 82.1 123.1
192 17.3 14.3 21.5

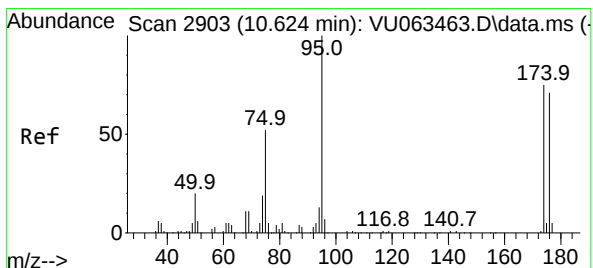
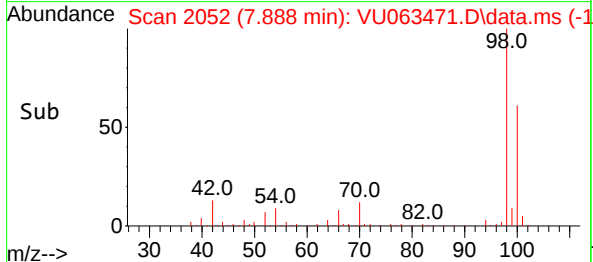
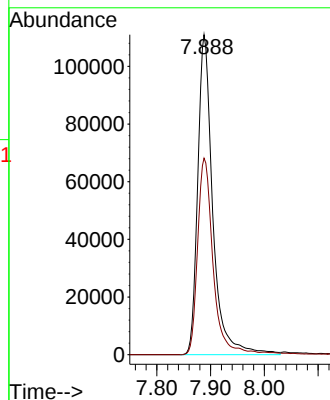
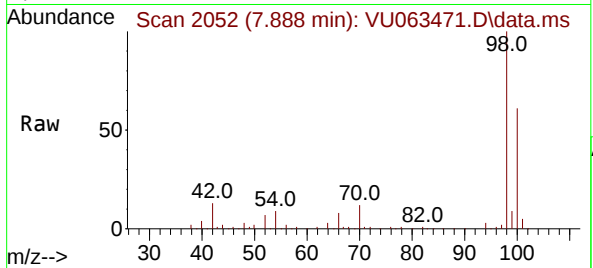




#50
Toluene-d8
Concen: 48.476 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

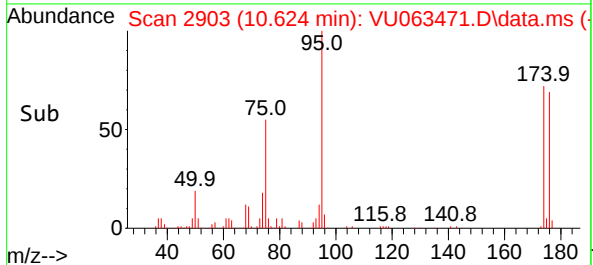
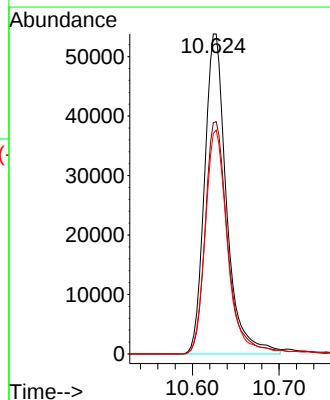
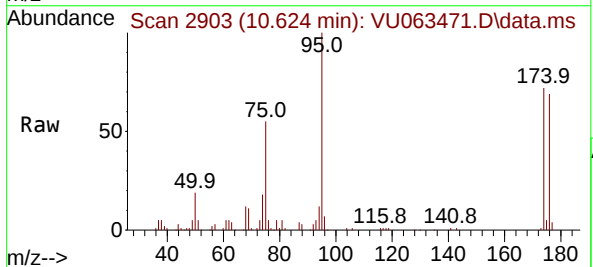
Instrument :
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ClientSampleId :
VU0710WBL03

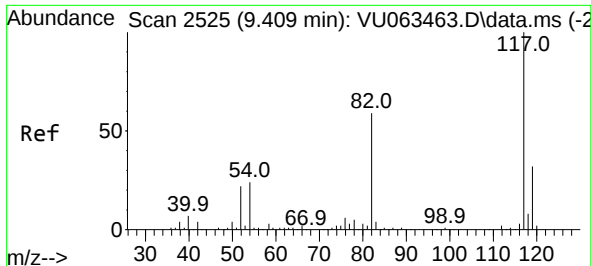
Tgt Ion: 98 Resp: 215985
Ion Ratio Lower Upper
98 100
100 62.8 48.1 72.1



#62
4-Bromofluorobenzene
Concen: 48.637 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

Tgt Ion: 95 Resp: 94787
Ion Ratio Lower Upper
95 100
174 74.6 0.0 153.6
176 70.8 0.0 145.8

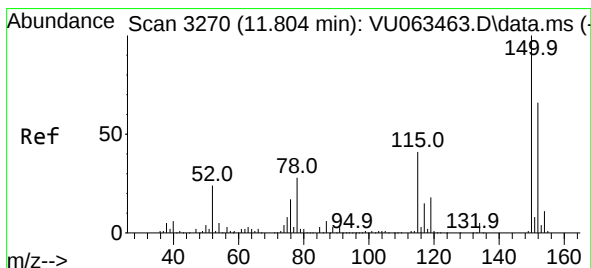
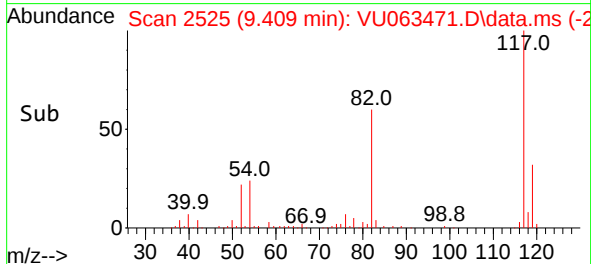
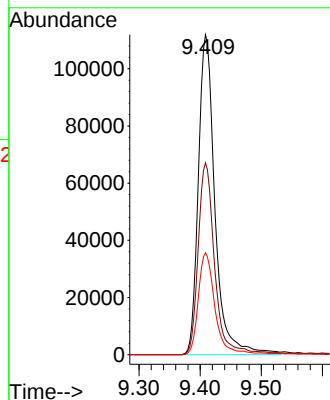
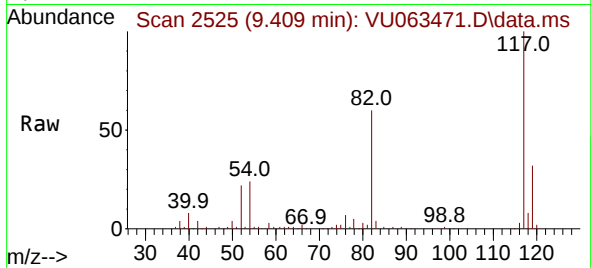




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063471.D
Acq: 10 Jul 2025 11:06

Instrument :
MSVOA_U
ClientSampleId :
VU0710WBL03

Tgt Ion:117 Resp: 211936
Ion Ratio Lower Upper
117 100
82 60.0 47.1 70.7
119 31.8 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: VU063471.D
Acq: 10 Jul 2025 11:06

Tgt Ion:152 Resp: 106082
Ion Ratio Lower Upper
152 100
115 62.6 43.4 130.2
150 159.9 0.0 341.4

