

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
 Data File : VU063501.D
 Acq On : 14 Jul 2025 10:35
 Operator : MD/SY
 Sample : VU0714WBL01
 Misc : 5mL/MSVOA_U/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 VU0714WBL01

Quant Time: Jul 15 01:30:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 15 01:29:09 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.361	168	103971	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.238	114	187966	50.000	ug/l	0.00
63) Chlorobenzene-d5	9.409	117	169521	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.804	152	83892	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.692	65	70829	53.393	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	106.780%
35) Dibromofluoromethane	5.277	113	55049	48.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.180%
50) Toluene-d8	7.888	98	174580	47.269	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.540%
62) 4-Bromofluorobenzene	10.624	95	77814	48.168	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.340%

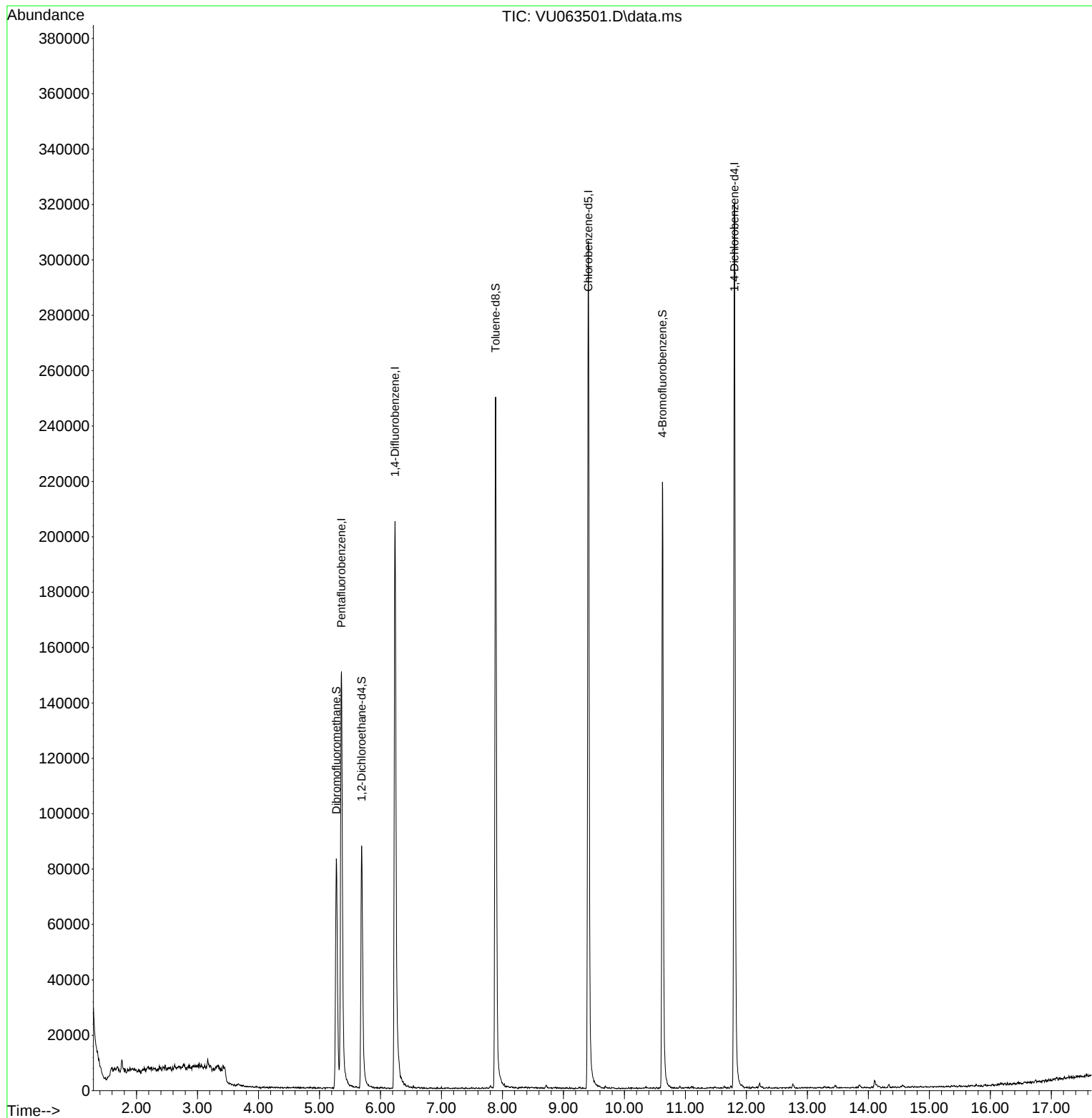
Target Compounds	Qvalue

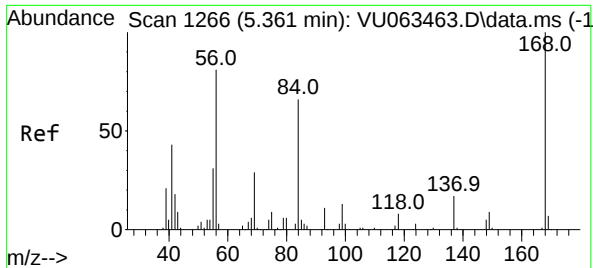
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU071425\
Data File : VU063501.D
Acq On : 14 Jul 2025 10:35
Operator : MD/SY
Sample : VU0714WBL01
Misc : 5mL/MSVOA_U/WATER
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL01

Quant Time: Jul 15 01:30:56 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\82U070825W.M
Quant Title : SW846 8260
QLast Update : Tue Jul 15 01:29:09 2025
Response via : Initial Calibration

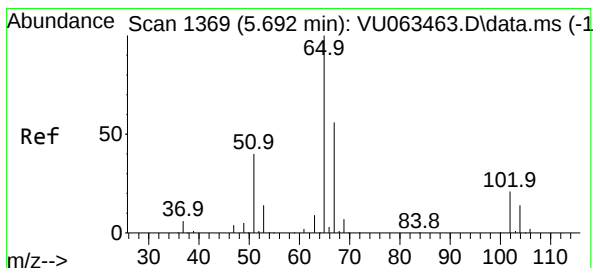
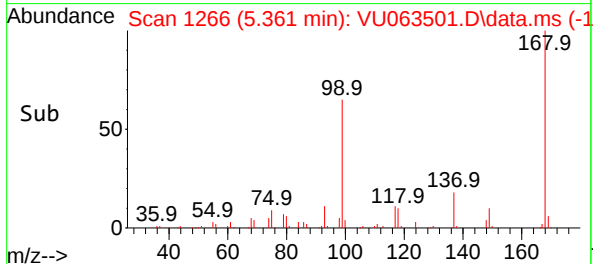
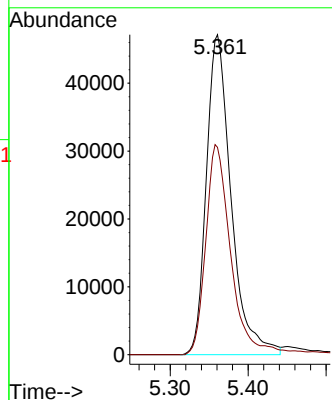
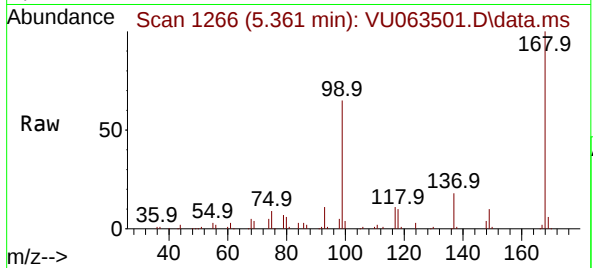




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.361 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VU063501.D
Acq: 14 Jul 2025 10:35

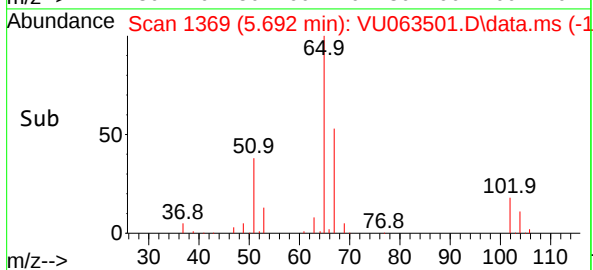
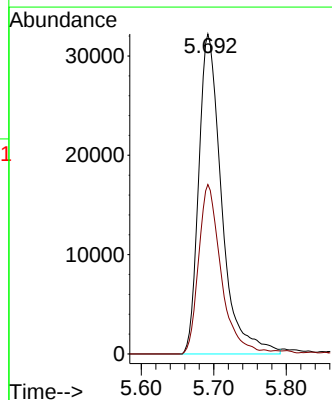
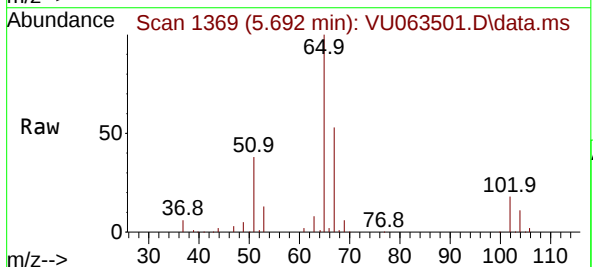
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL01

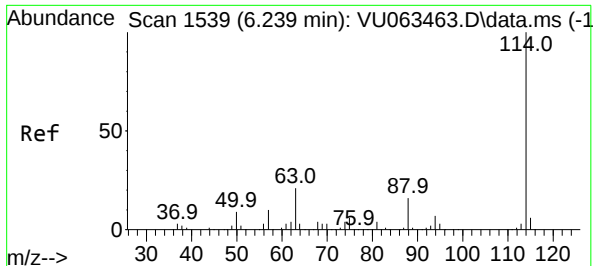
Tgt Ion:168 Resp: 103971
Ion Ratio Lower Upper
168 100
99 64.8 47.7 71.5



#33
1,2-Dichloroethane-d4
Concen: 53.393 ug/l
RT: 5.692 min Scan# 1369
Delta R.T. -0.000 min
Lab File: VU063501.D
Acq: 14 Jul 2025 10:35

Tgt Ion: 65 Resp: 70829
Ion Ratio Lower Upper
65 100
67 52.1 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: VU063501.D

Acq: 14 Jul 2025 10:35

Instrument :

MSVOA_U

ClientSampleId :

VU0714WBL01

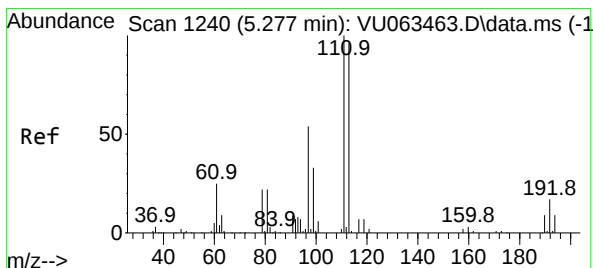
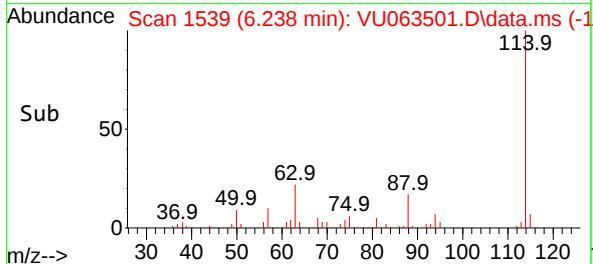
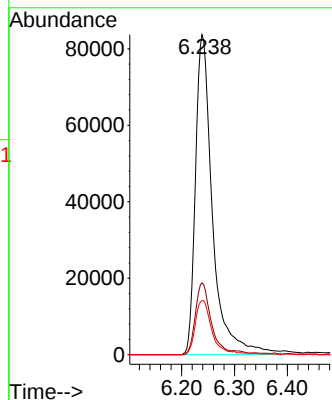
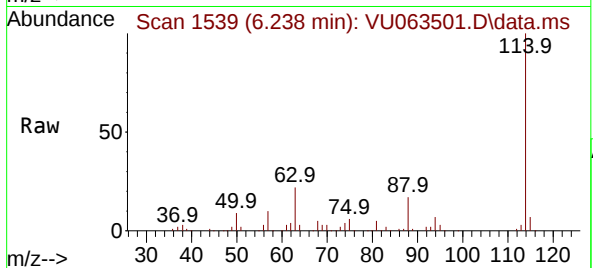
Tgt Ion:114 Resp: 187966

Ion Ratio Lower Upper

114 100

63 22.5 0.0 41.6

88 16.9 0.0 32.0



#35

Dibromofluoromethane

Concen: 48.586 ug/l

RT: 5.277 min Scan# 1240

Delta R.T. -0.000 min

Lab File: VU063501.D

Acq: 14 Jul 2025 10:35

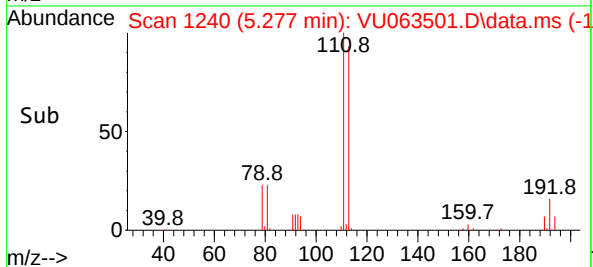
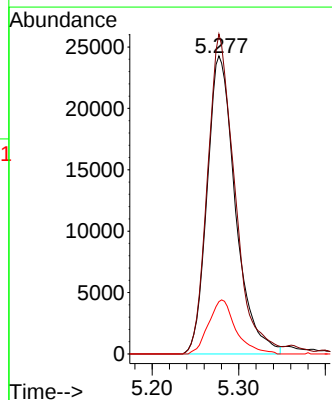
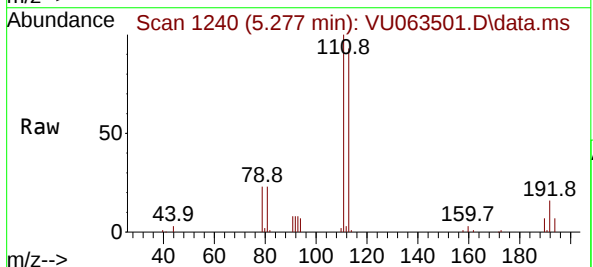
Tgt Ion:113 Resp: 55049

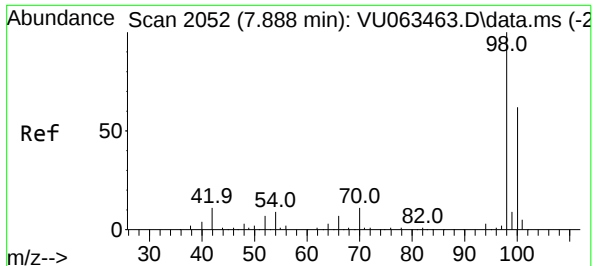
Ion Ratio Lower Upper

113 100

111 104.2 82.1 123.1

192 17.5 14.3 21.5

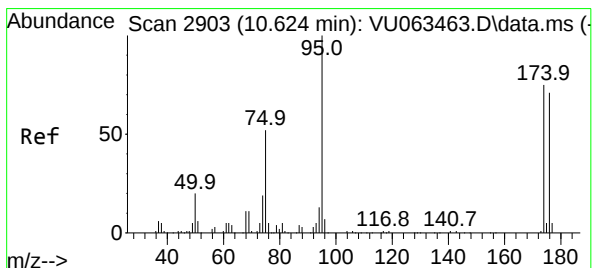
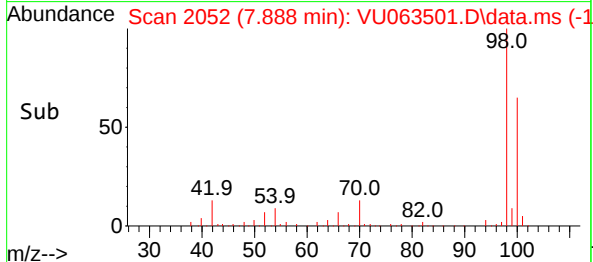
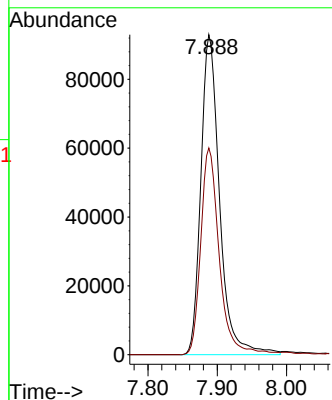
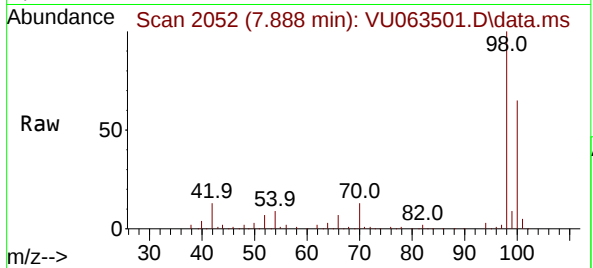




#50
Toluene-d8
Concen: 47.269 ug/l
RT: 7.888 min Scan# 2052
Delta R.T. -0.000 min
Lab File: VU063501.D
Acq: 14 Jul 2025 10:35

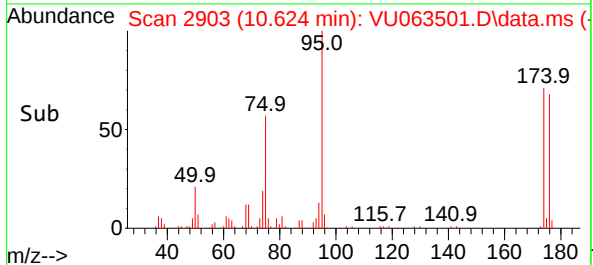
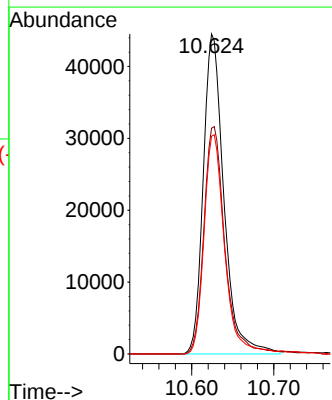
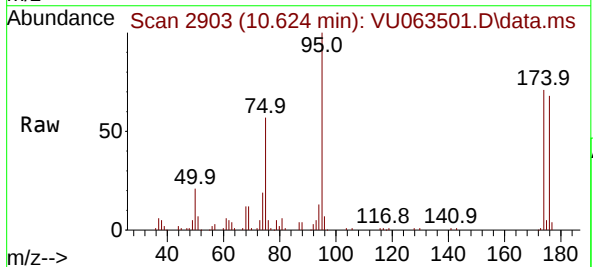
Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL01

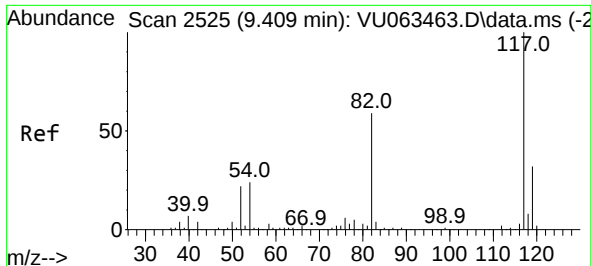
Tgt Ion: 98 Resp: 174580
Ion Ratio Lower Upper
98 100
100 63.9 48.1 72.1



#62
4-Bromofluorobenzene
Concen: 48.168 ug/l
RT: 10.624 min Scan# 2903
Delta R.T. -0.000 min
Lab File: VU063501.D
Acq: 14 Jul 2025 10:35

Tgt Ion: 95 Resp: 77814
Ion Ratio Lower Upper
95 100
174 72.7 0.0 153.6
176 67.9 0.0 145.8

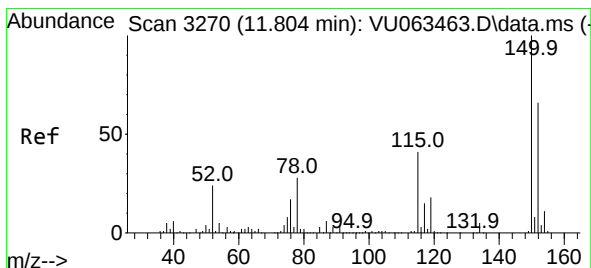
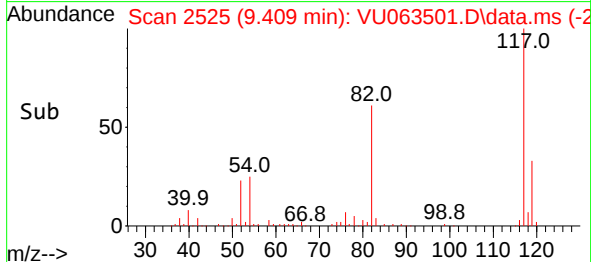
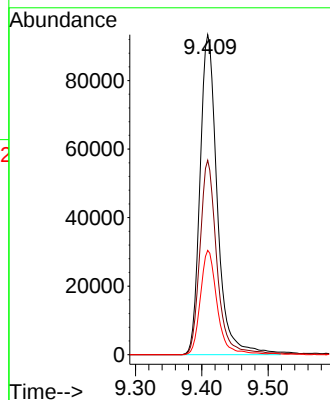
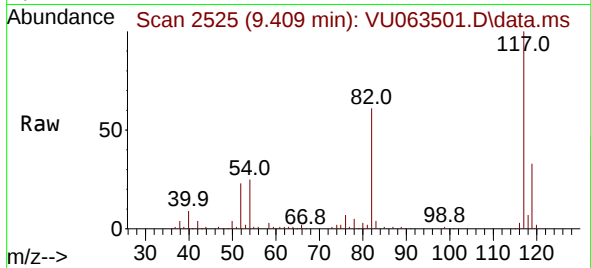




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.409 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU063501.D
Acq: 14 Jul 2025 10:35

Instrument :
MSVOA_U
ClientSampleId :
VU0714WBL01

Tgt Ion:117 Resp: 169521
Ion Ratio Lower Upper
117 100
82 60.8 47.1 70.7
119 32.6 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: VU063501.D
Acq: 14 Jul 2025 10:35

Tgt Ion:152 Resp: 83892
Ion Ratio Lower Upper
152 100
115 61.9 43.4 130.2
150 158.0 0.0 341.4

