

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX061825\
 Data File : VX046734.D
 Acq On : 18 Jun 2025 12:12
 Operator : JC/MD
 Sample : Q2345-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB03-20250616

Quant Time: Jun 19 01:22:25 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061725W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 18 03:09:16 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.568	168	131404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	213527	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	190496	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	88415	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	84843	46.680	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.360%
35) Dibromofluoromethane	5.404	113	69329	49.073	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.140%
50) Toluene-d8	8.653	98	253743	49.991	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.980%
62) 4-Bromofluorobenzene	11.079	95	92685	48.986	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.980%

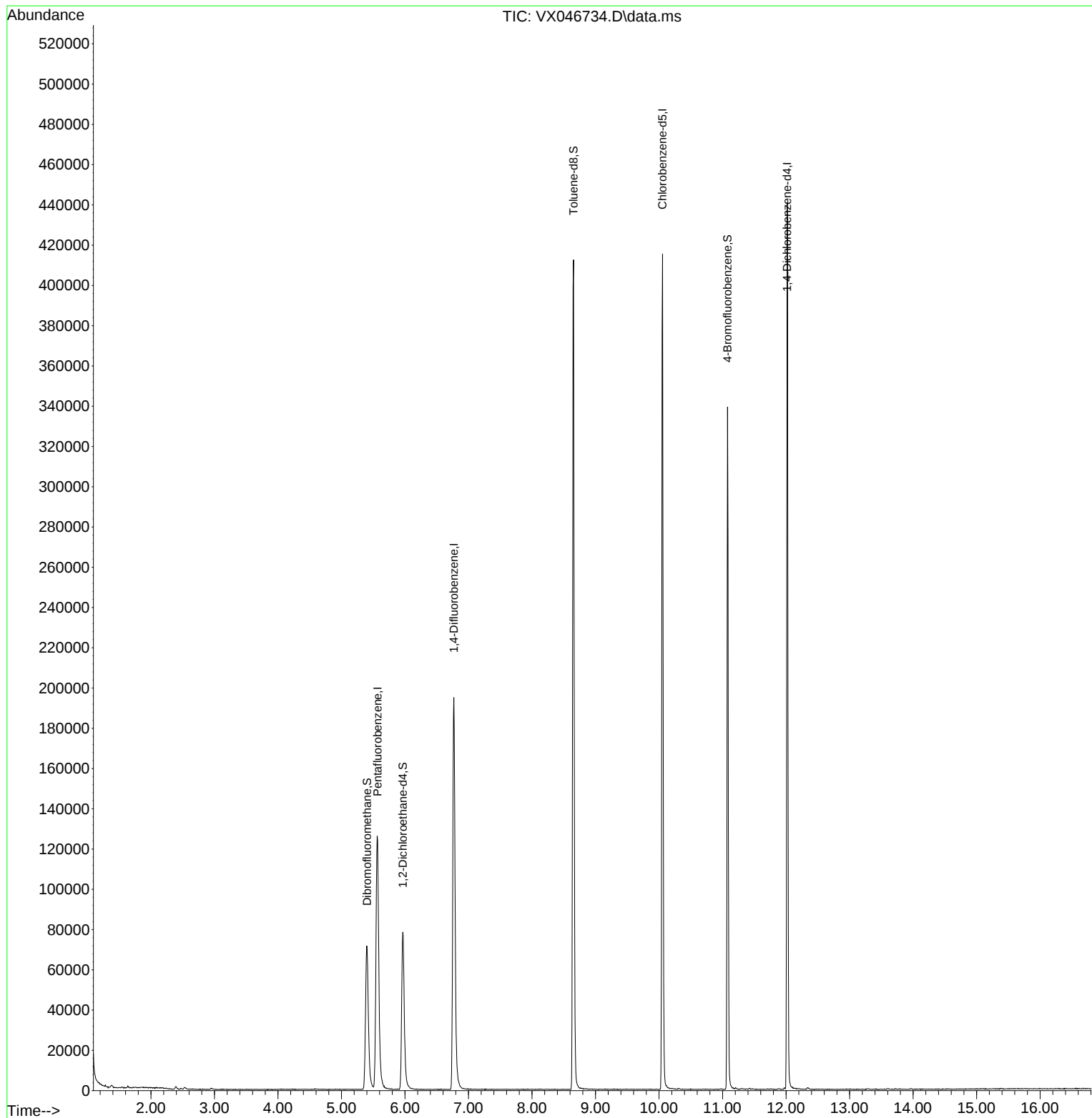
Target Compounds	Qvalue

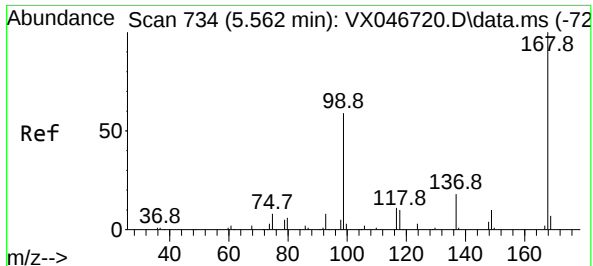
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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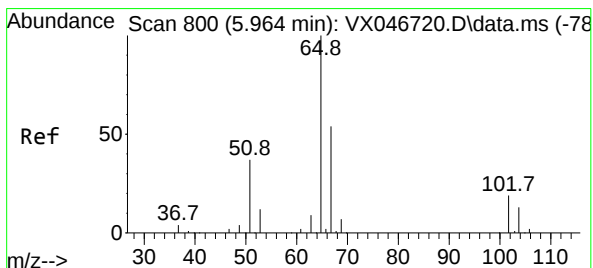
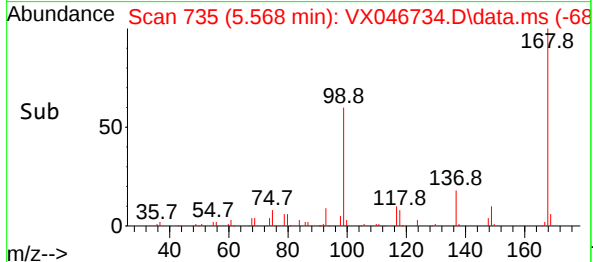
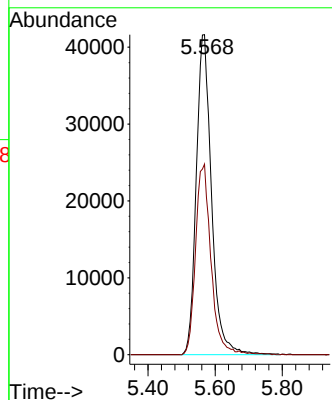
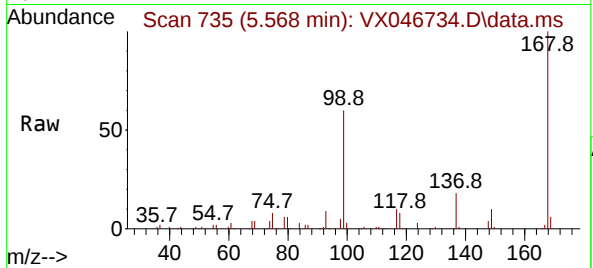




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.568 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

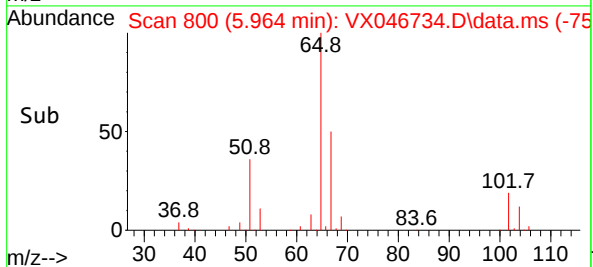
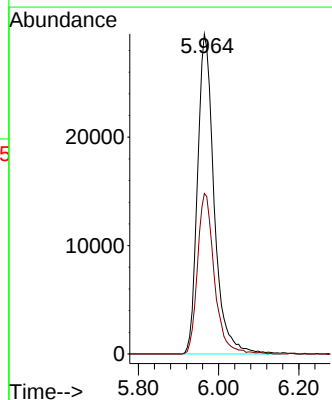
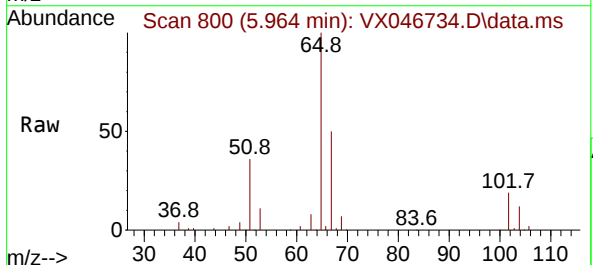
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion:168 Resp: 131404
Ion Ratio Lower Upper
168 100
99 59.6 48.5 72.7



#33
1,2-Dichloroethane-d4
Concen: 46.680 ug/l
RT: 5.964 min Scan# 800
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 65 Resp: 84843
Ion Ratio Lower Upper
65 100
67 51.0 0.0 105.4

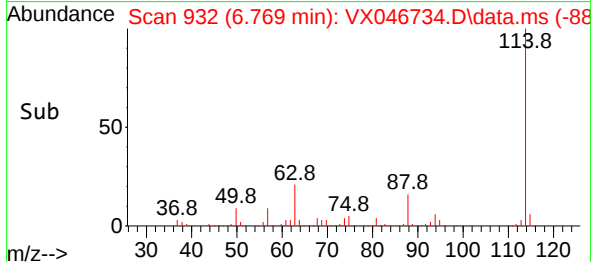
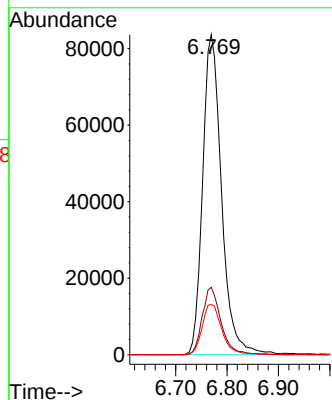
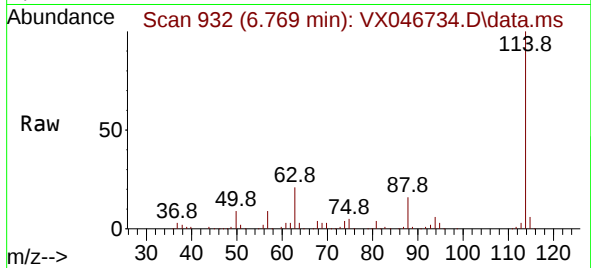




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

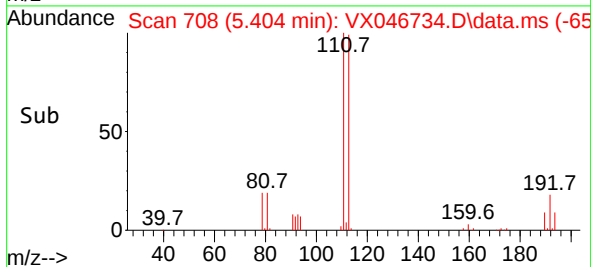
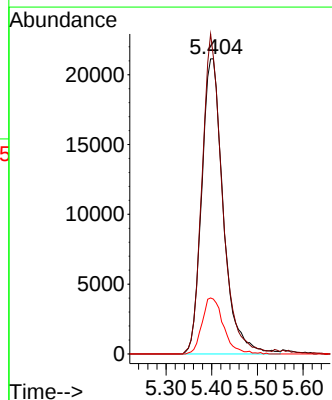
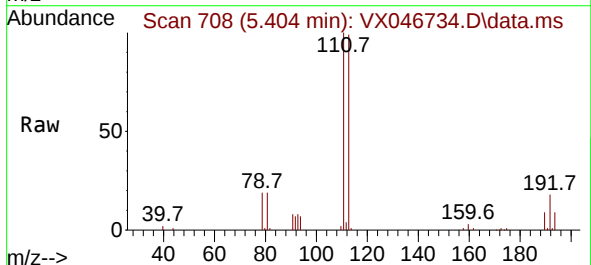
Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

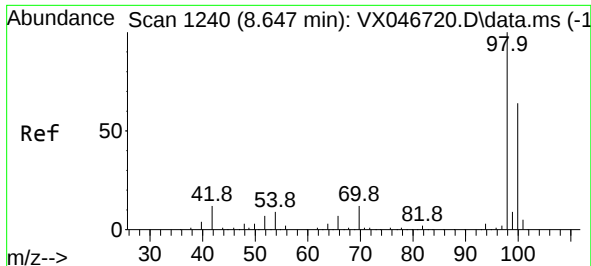
Tgt Ion:114 Resp: 213527
Ion Ratio Lower Upper
114 100
63 21.0 0.0 44.2
88 15.7 0.0 33.2



#35
Dibromofluoromethane
Concen: 49.073 ug/l
RT: 5.404 min Scan# 708
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion:113 Resp: 69329
Ion Ratio Lower Upper
113 100
111 101.5 82.0 123.0
192 18.9 15.3 22.9

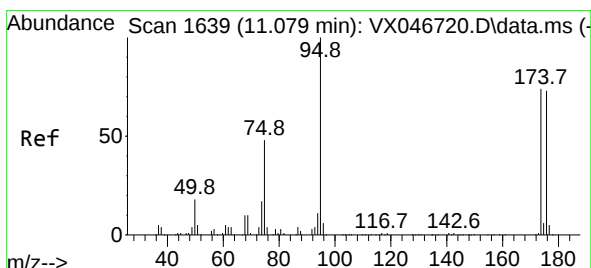
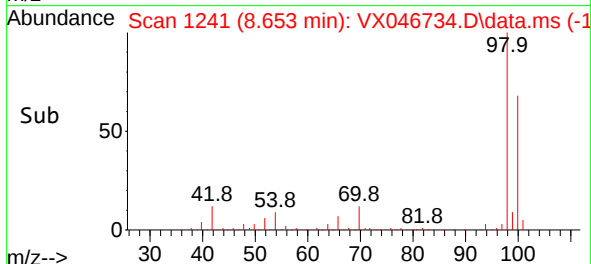
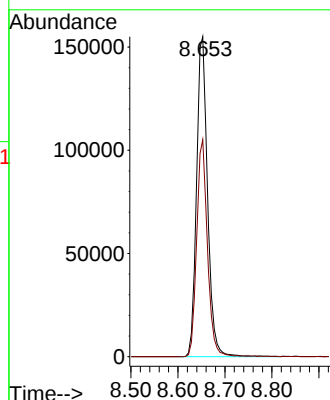
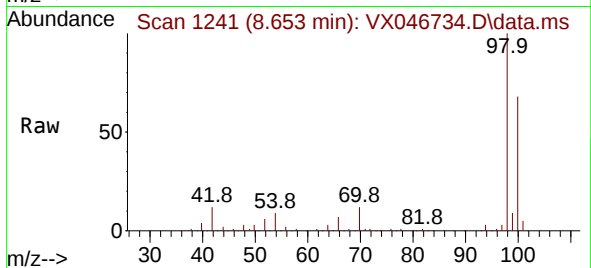




#50
Toluene-d8
Concen: 49.991 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

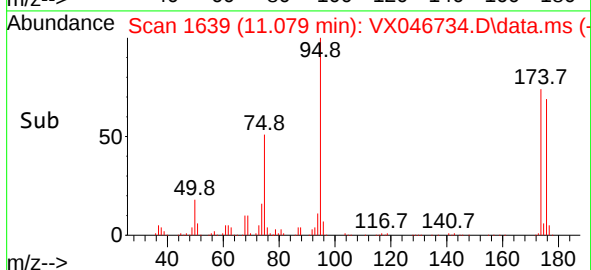
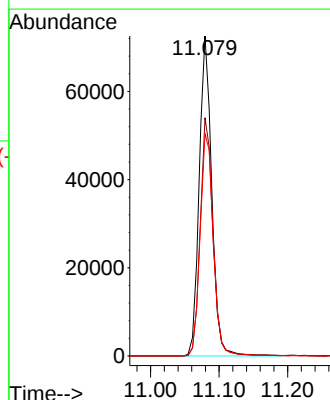
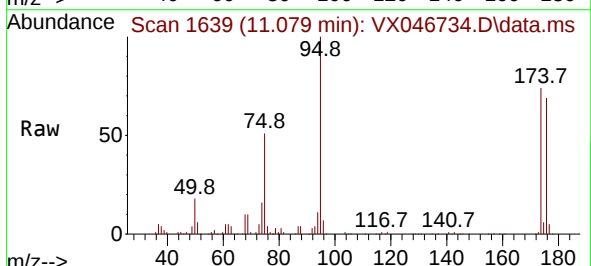
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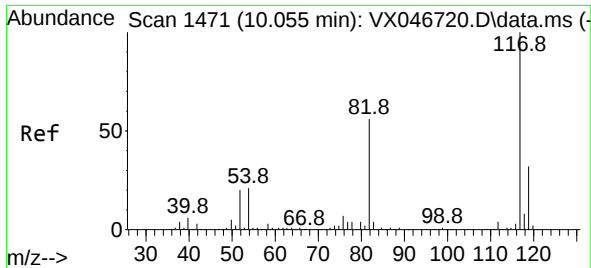
Tgt Ion: 98 Resp: 253743
Ion Ratio Lower Upper
98 100
100 66.1 53.0 79.4



#62
4-Bromofluorobenzene
Concen: 48.986 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion: 95 Resp: 92685
Ion Ratio Lower Upper
95 100
174 75.3 0.0 150.4
176 73.1 0.0 145.0

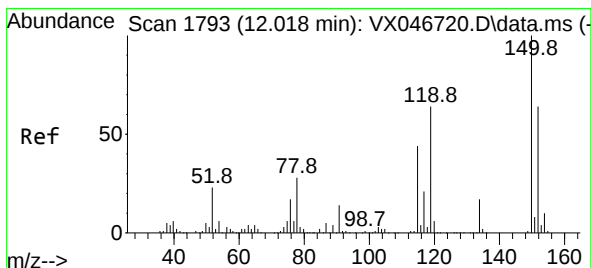
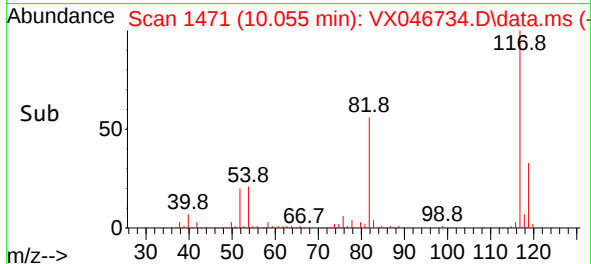
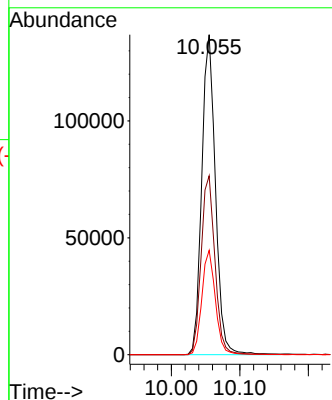
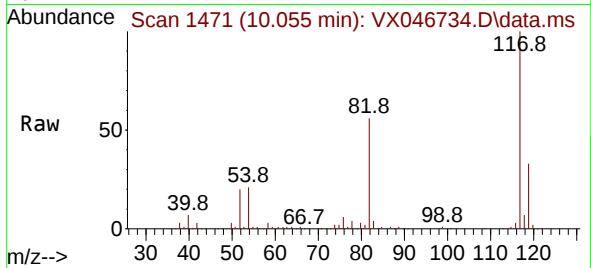




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Instrument :
MSVOA_X
ClientSampleId :
TB03-20250616

Tgt Ion:117 Resp: 190496
Ion Ratio Lower Upper
117 100
82 55.9 44.6 66.8
119 32.6 25.8 38.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VX046734.D
Acq: 18 Jun 2025 12:12

Tgt Ion:152 Resp: 88415
Ion Ratio Lower Upper
152 100
115 61.0 43.2 129.6
150 159.7 0.0 346.8

