

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042125\
 Data File : VX045871.D
 Acq On : 21 Apr 2025 11:31
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 22 01:23:55 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040225W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 02 03:11:43 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	66085	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	129472	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	120859	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	55062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	63376	52.441	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	104.880%
35) Dibromofluoromethane	5.373	113	46190	50.283	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.560%
50) Toluene-d8	8.641	98	161148	50.260	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.520%
62) 4-Bromofluorobenzene	11.079	95	64291	55.049	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	110.100%

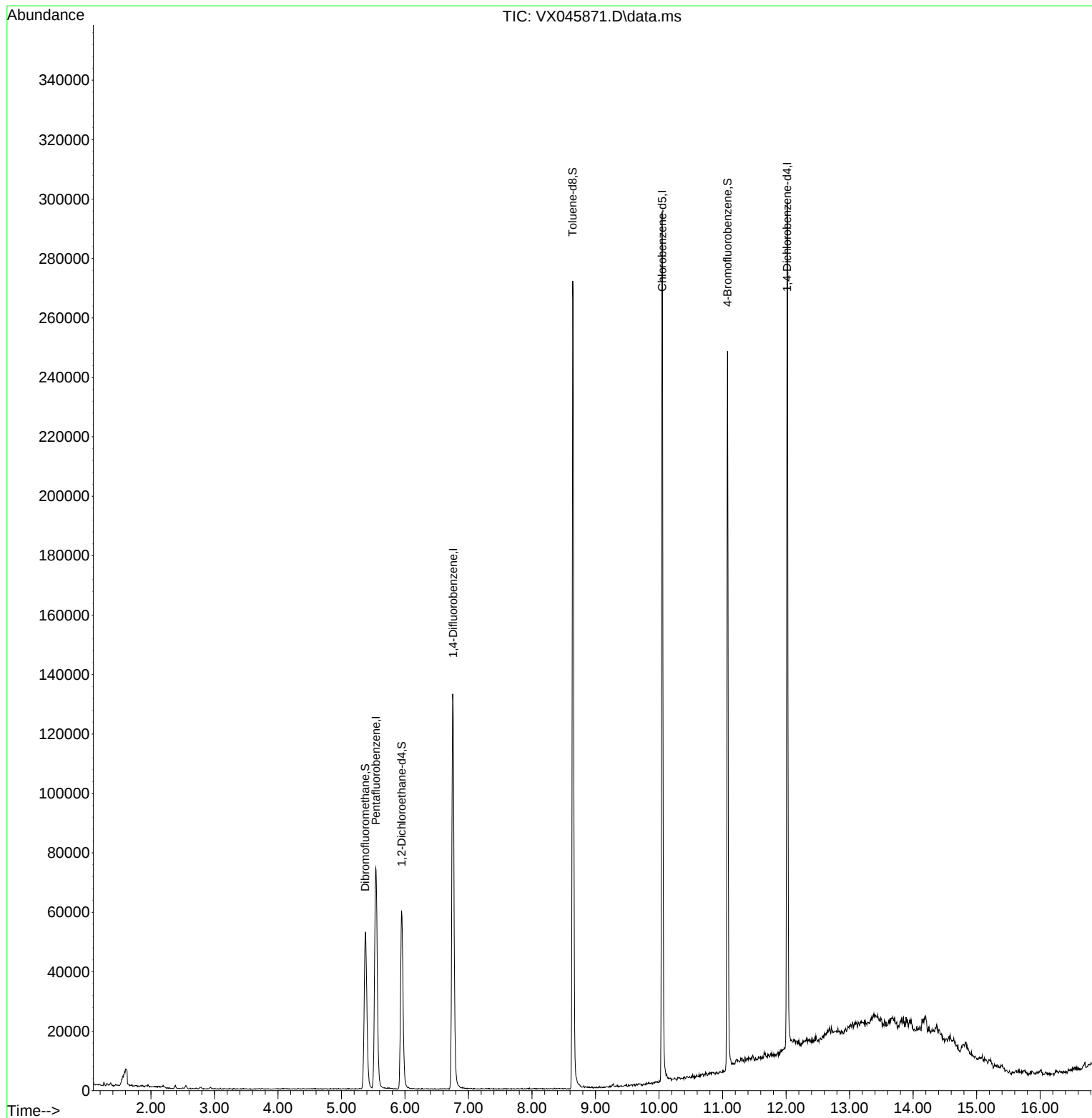
Target Compounds	Qvalue

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

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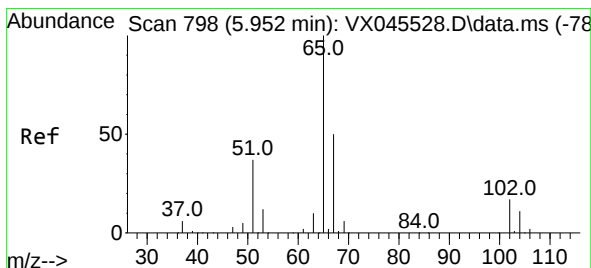
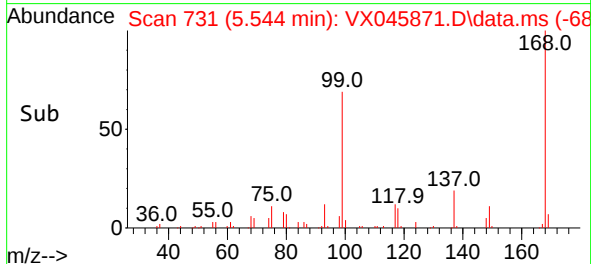
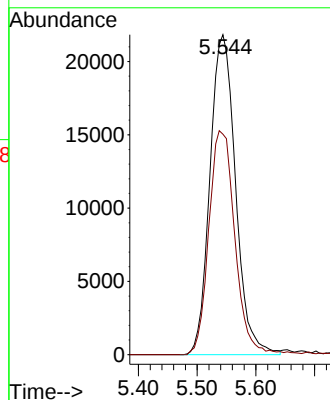
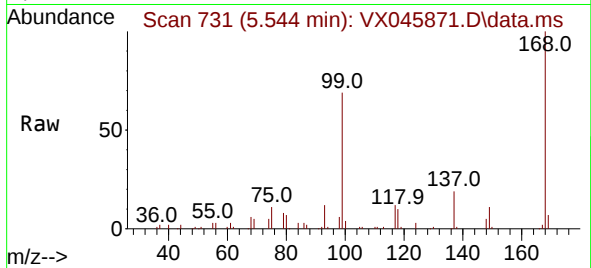




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

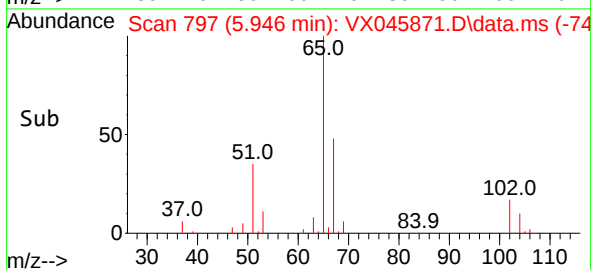
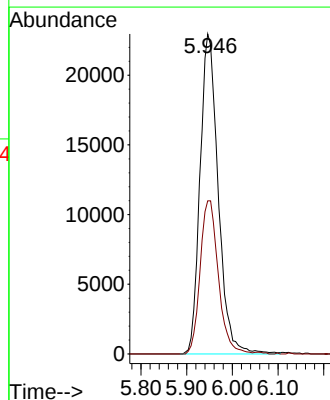
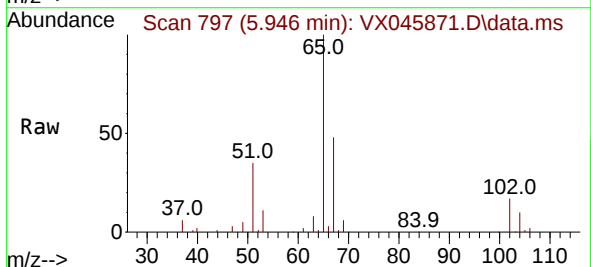
Instrument :
MSVOA_X
ClientSampleId :
IBLK

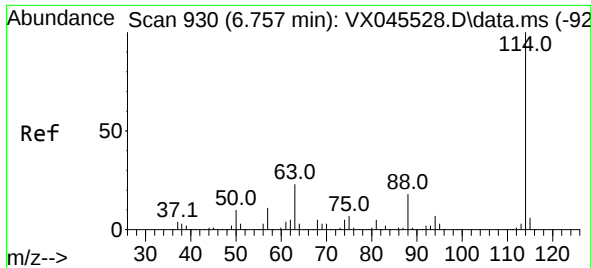
Tgt Ion:168 Resp: 66085
Ion Ratio Lower Upper
168 100
99 68.9 52.3 78.5



#33
1,2-Dichloroethane-d4
Concen: 52.441 ug/l
RT: 5.946 min Scan# 797
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 65 Resp: 63376
Ion Ratio Lower Upper
65 100
67 48.0 0.0 99.0

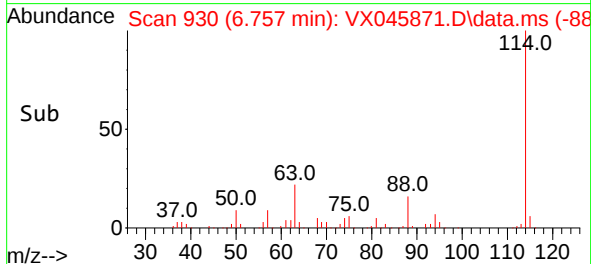
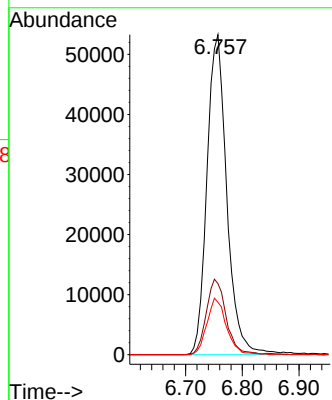
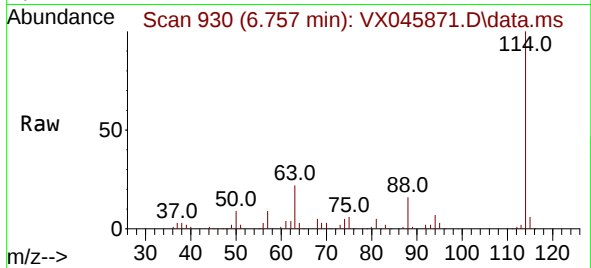




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

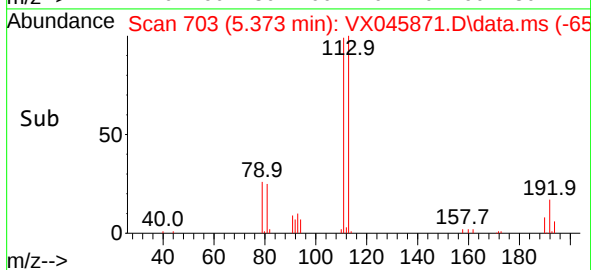
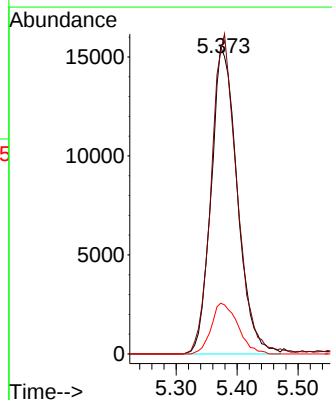
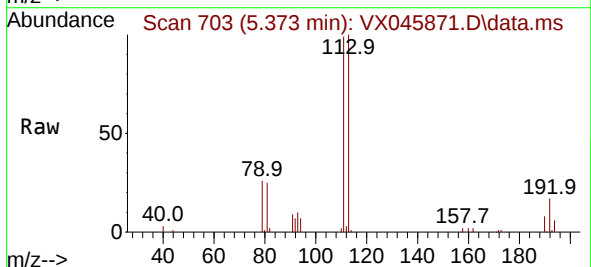
Instrument :
MSVOA_X
ClientSampleId :
IBLK

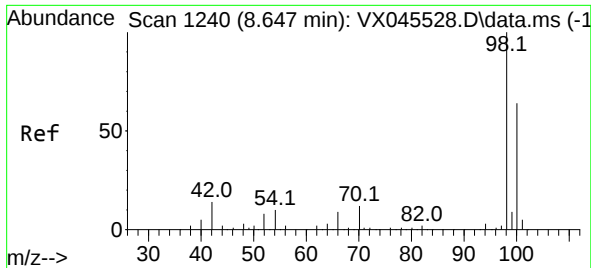
Tgt Ion:114 Resp: 129472
Ion Ratio Lower Upper
114 100
63 22.2 0.0 46.8
88 16.3 0.0 35.4



#35
Dibromofluoromethane
Concen: 50.283 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion:113 Resp: 46190
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 16.8 13.8 20.6

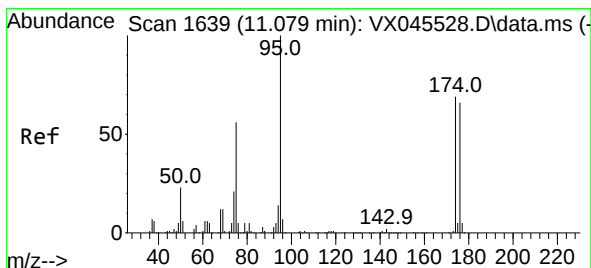
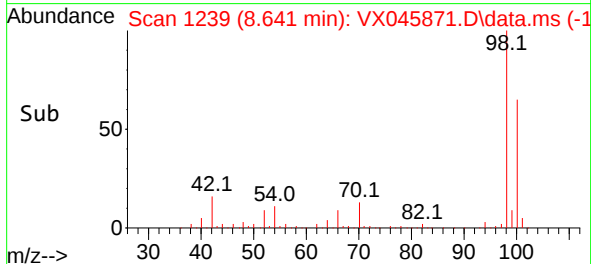
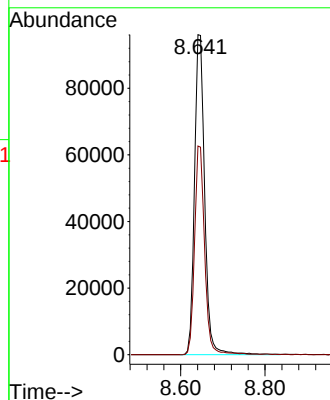
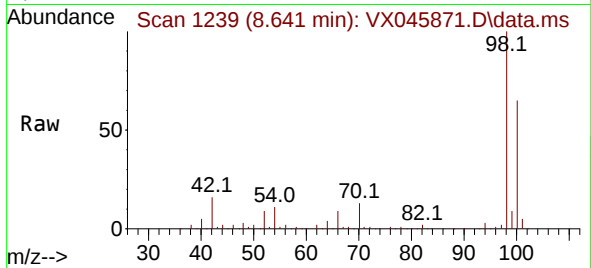




#50
Toluene-d8
Concen: 50.260 ug/l
RT: 8.641 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

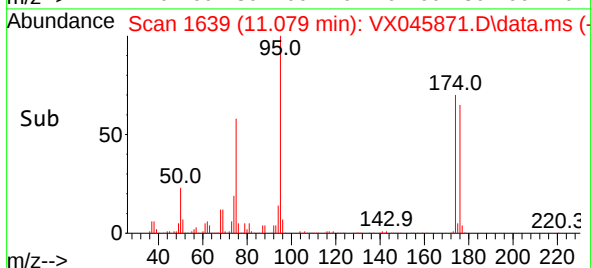
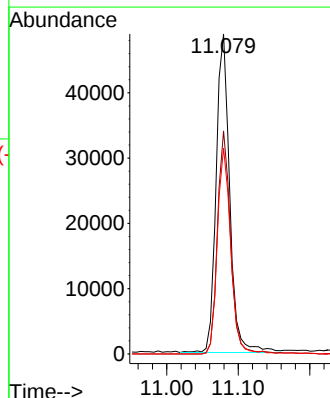
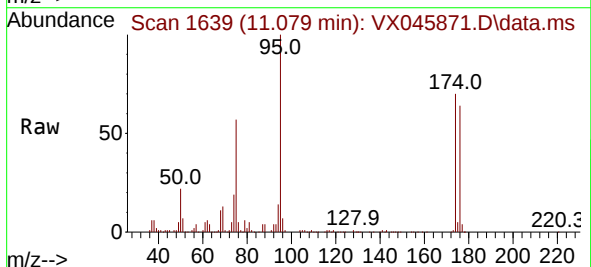
Instrument :
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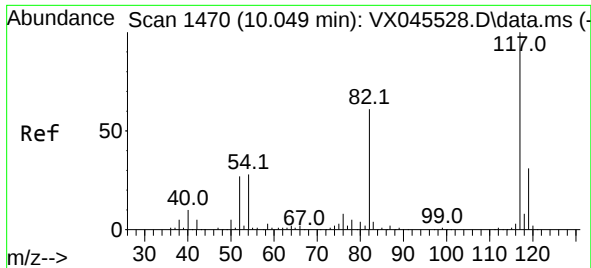
Tgt Ion: 98 Resp: 161148
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 55.049 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion: 95 Resp: 64291
Ion Ratio Lower Upper
95 100
174 67.9 0.0 135.8
176 63.9 0.0 131.4

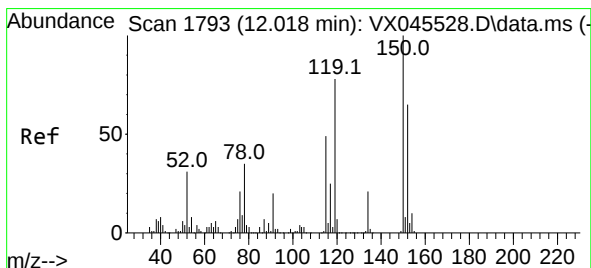
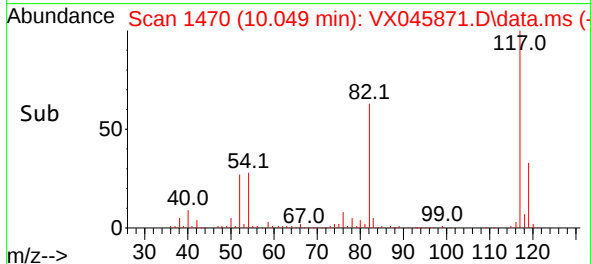
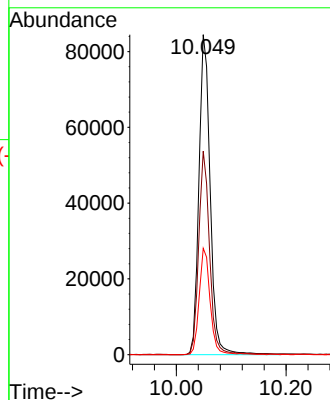
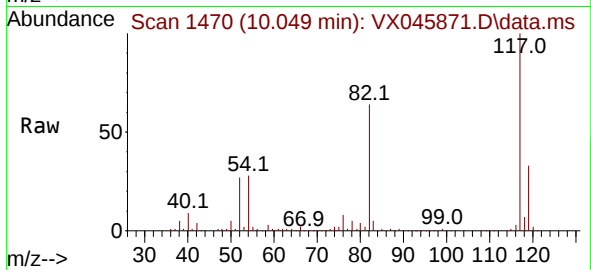




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 120859
Ion Ratio Lower Upper
117 100
82 63.6 49.2 73.8
119 33.3 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX045871.D
Acq: 21 Apr 2025 11:31

Tgt Ion:152 Resp: 55062
Ion Ratio Lower Upper
152 100
115 64.0 46.9 140.7
150 154.7 0.0 349.4

