

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021025\
 Data File : VX044874.D
 Acq On : 10 Feb 2025 12:51
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 11 06:01:18 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X021025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 11 03:41:08 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.544	168	95584	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	195583	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	182959	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	78253	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74755	53.428	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.860%
35) Dibromofluoromethane	5.385	113	64397	50.642	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	101.280%
50) Toluene-d8	8.647	98	245551	51.066	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.140%
62) 4-Bromofluorobenzene	11.079	95	87115	53.740	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	107.480%

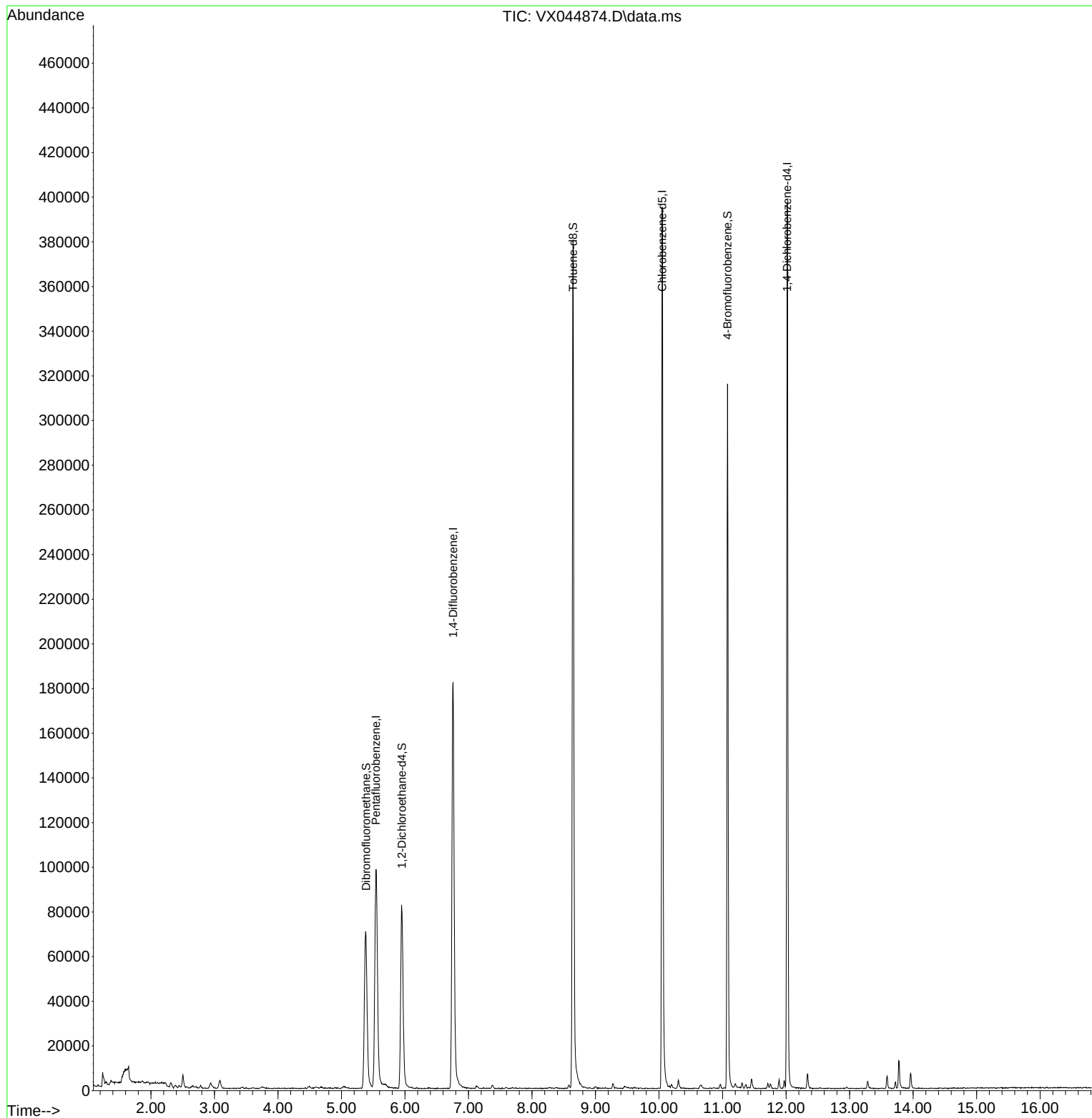
Target Compounds	Qvalue

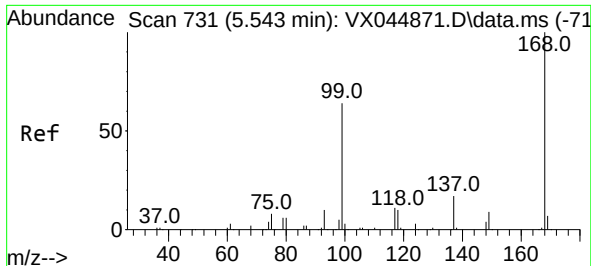
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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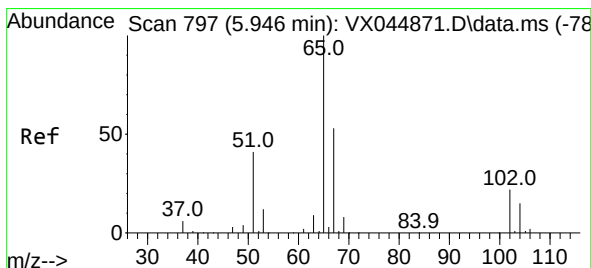
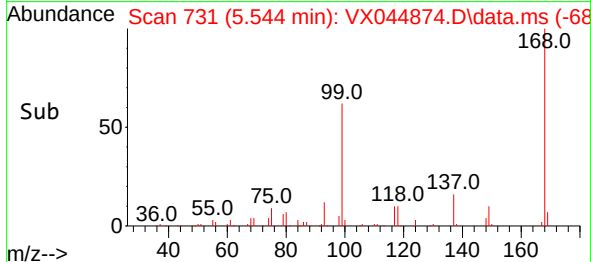
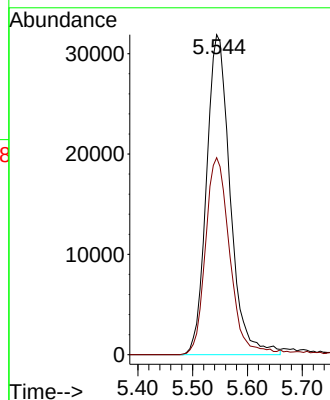
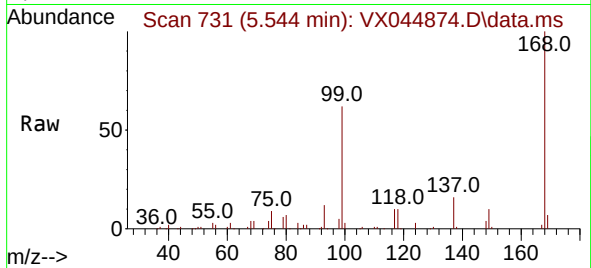




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

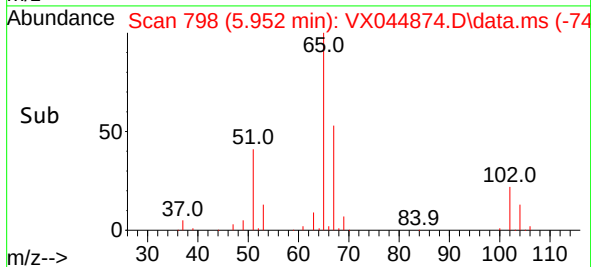
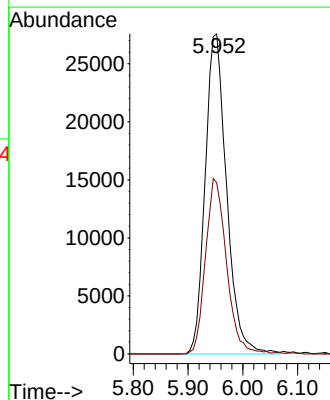
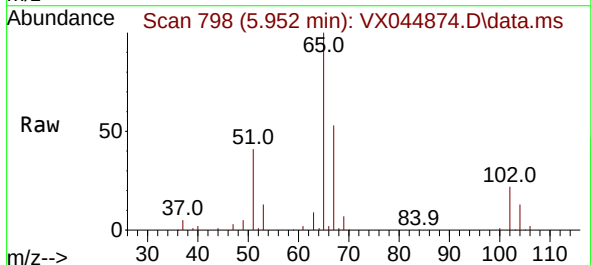
Instrument :
MSVOA_X
ClientSampleId :
IBLK

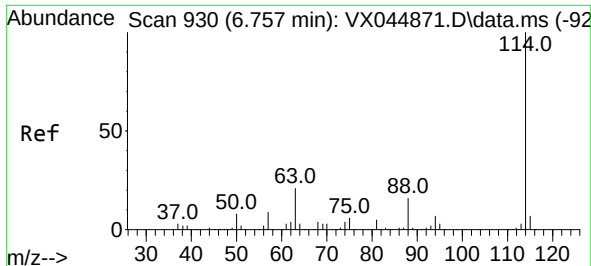
Tgt Ion:168 Resp: 95584
Ion Ratio Lower Upper
168 100
99 61.6 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 53.428 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 65 Resp: 74755
Ion Ratio Lower Upper
65 100
67 53.7 0.0 108.2

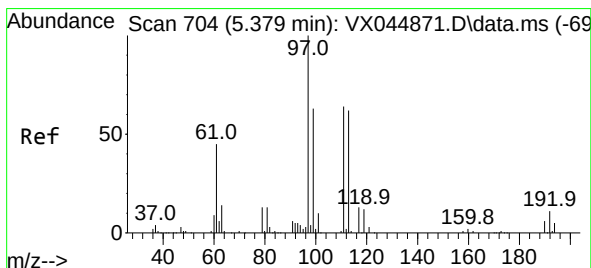
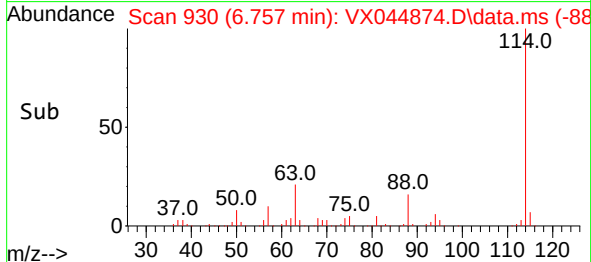
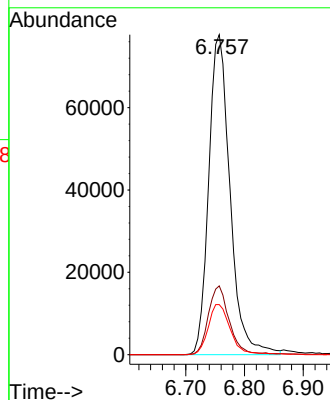
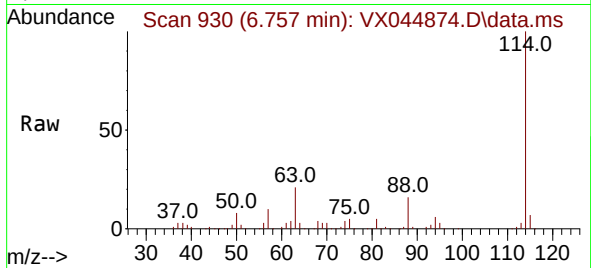




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

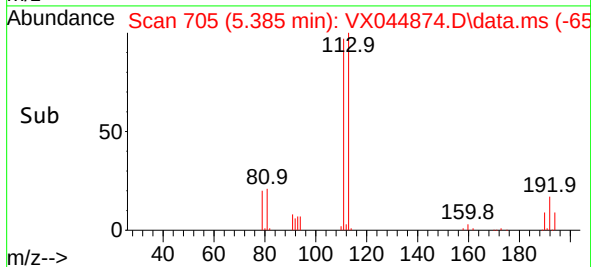
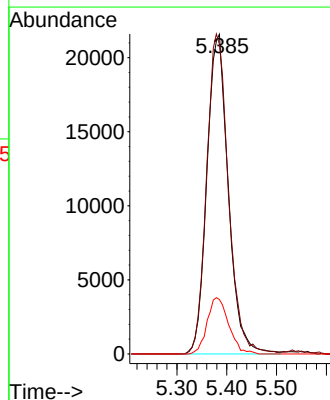
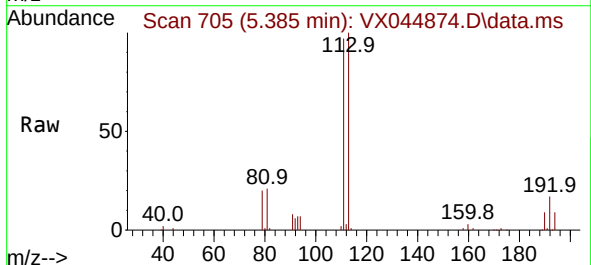
Instrument :
MSVOA_X
ClientSampleId :
IBLK

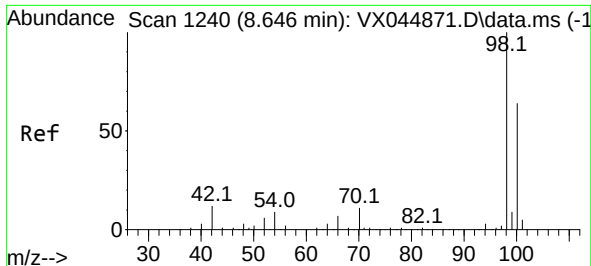
Tgt Ion:114 Resp: 195583
Ion Ratio Lower Upper
114 100
63 21.5 0.0 42.4
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 50.642 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion:113 Resp: 64397
Ion Ratio Lower Upper
113 100
111 101.8 83.5 125.3
192 17.7 14.4 21.6

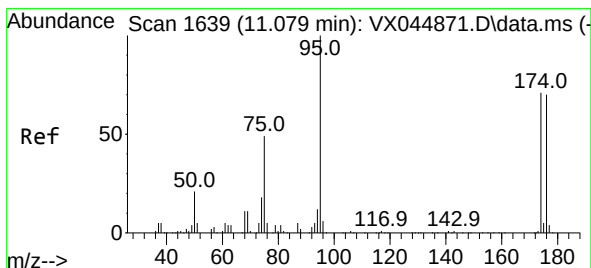
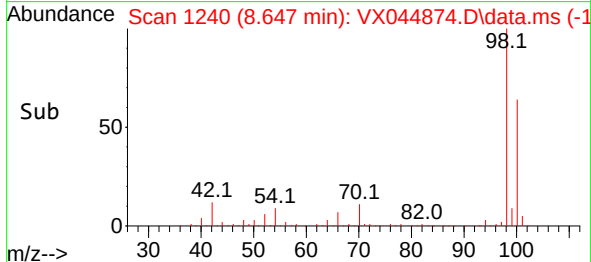
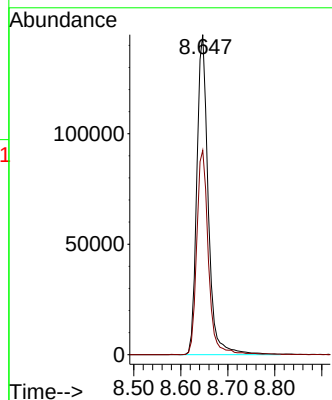
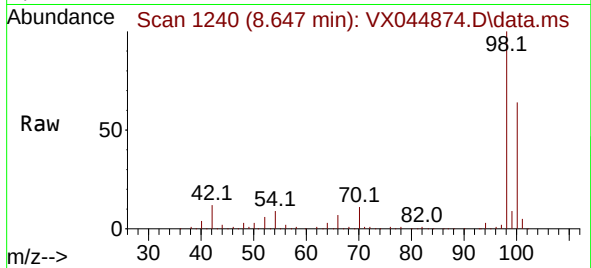




#50
Toluene-d8
Concen: 51.066 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

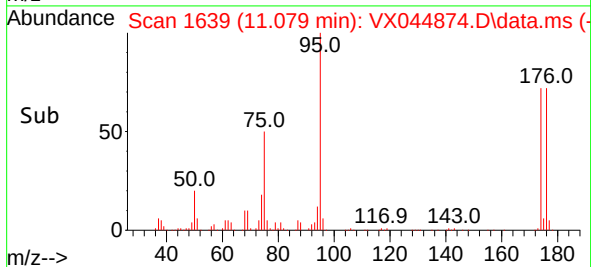
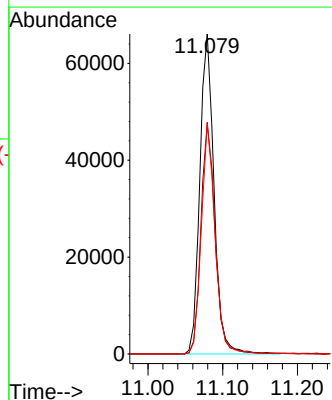
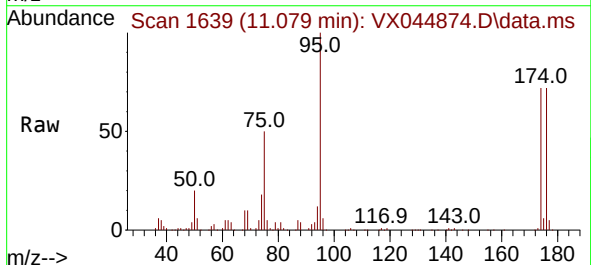
Instrument :
MSVOA_X
ClientSampleId :
IBLK

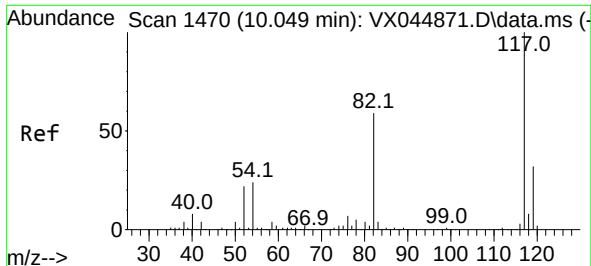
Tgt Ion: 98 Resp: 245551
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 53.740 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion: 95 Resp: 87115
Ion Ratio Lower Upper
95 100
174 72.7 0.0 142.6
176 69.8 0.0 141.6

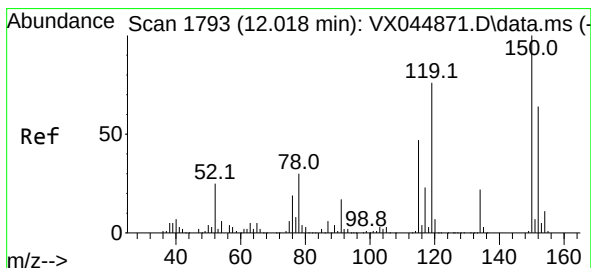
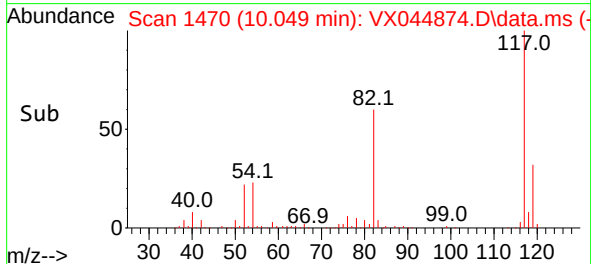
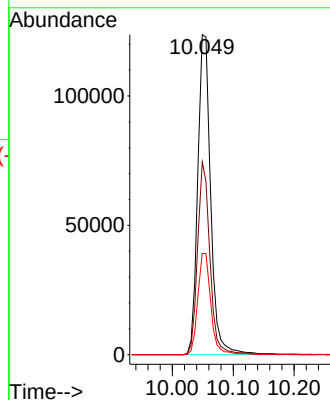
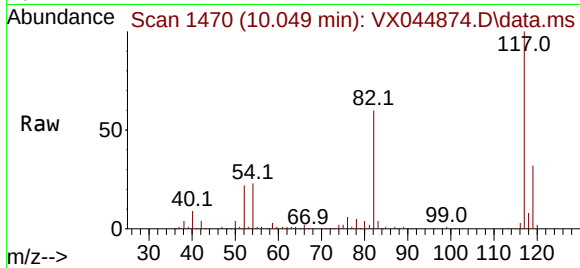




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 182959
Ion Ratio Lower Upper
117 100
82 60.2 47.5 71.3
119 31.6 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VX044874.D
Acq: 10 Feb 2025 12:51

Tgt Ion:152 Resp: 78253
Ion Ratio Lower Upper
152 100
115 61.8 43.4 130.1
150 158.0 0.0 350.4

