

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX022525\
 Data File : VX045034.D
 Acq On : 25 Feb 2025 13:21
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Feb 26 03:15:28 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	76356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	151157	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	139064	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	59393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	61937	55.414	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.820%
35) Dibromofluoromethane	5.385	113	51886	52.796	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.600%
50) Toluene-d8	8.647	98	188565	50.741	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.480%
62) 4-Bromofluorobenzene	11.079	95	63901	51.005	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.020%

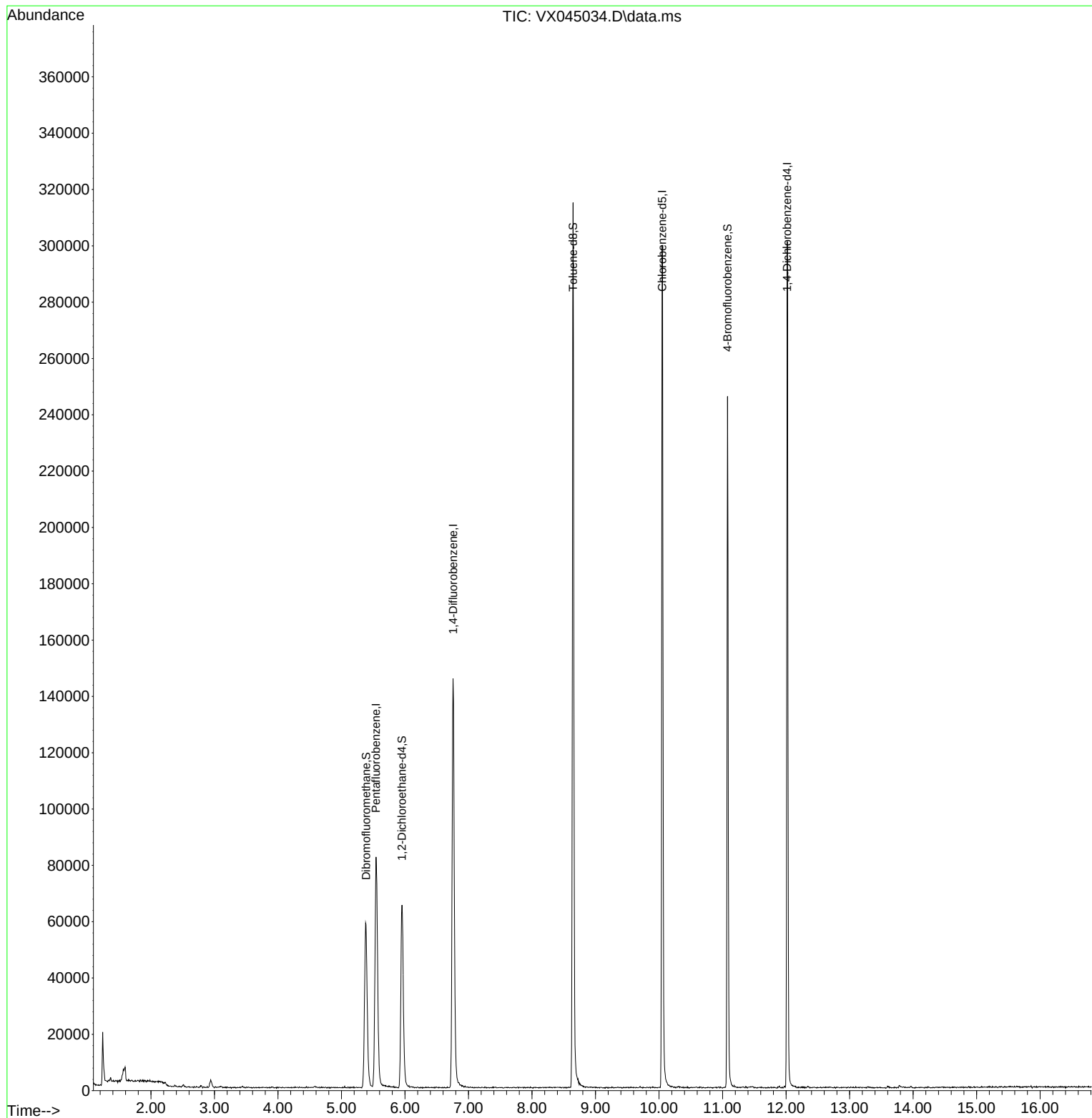
Target Compounds	Qvalue

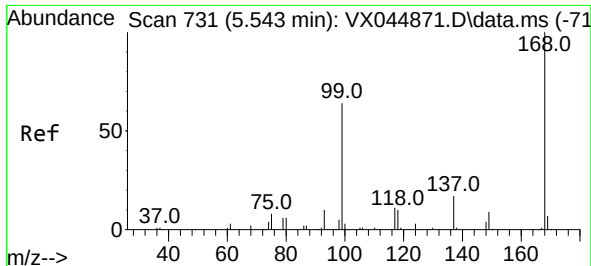
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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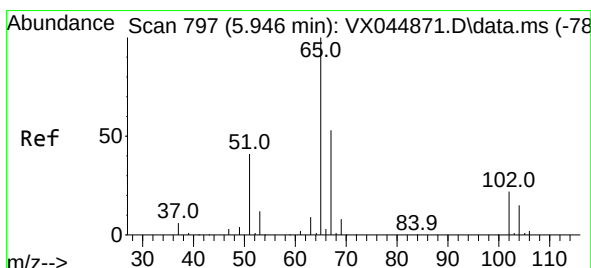
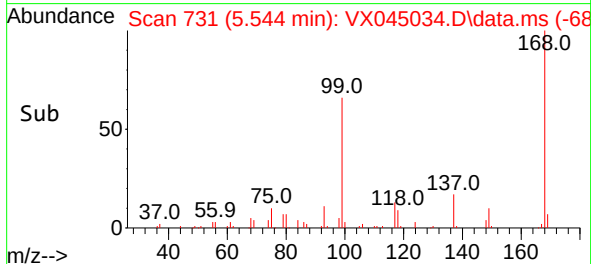
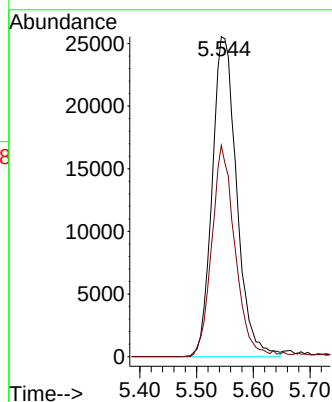
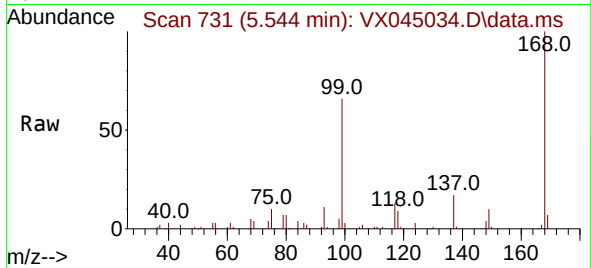




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

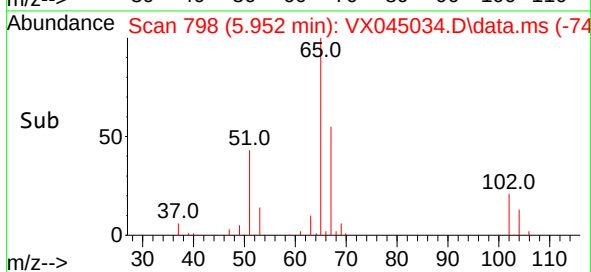
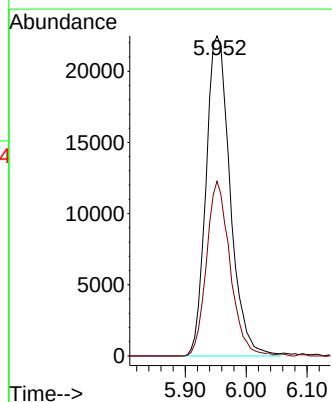
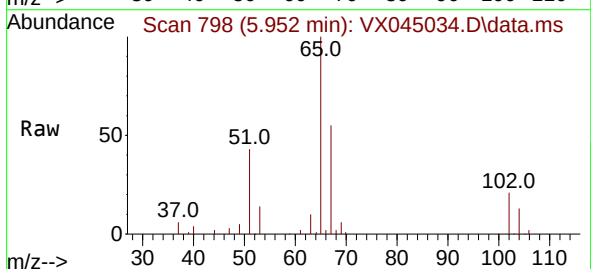
Instrument :
MSVOA_X
ClientSampleId :
IBLK

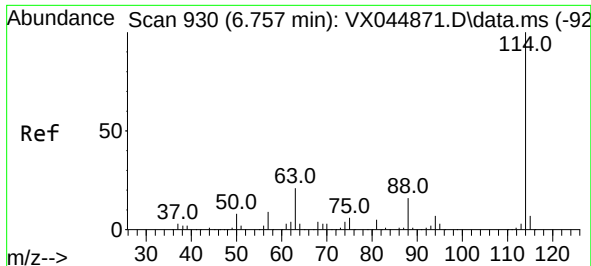
Tgt Ion:168 Resp: 76356
Ion Ratio Lower Upper
168 100
99 66.0 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.414 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.006 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

Tgt Ion: 65 Resp: 61937
Ion Ratio Lower Upper
65 100
67 53.2 0.0 108.2

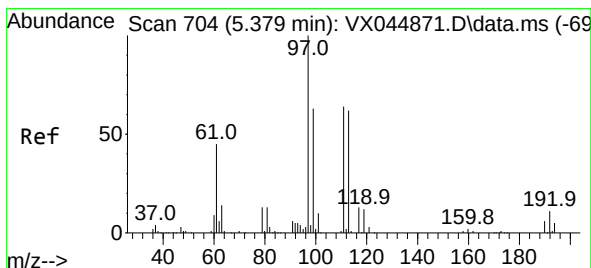
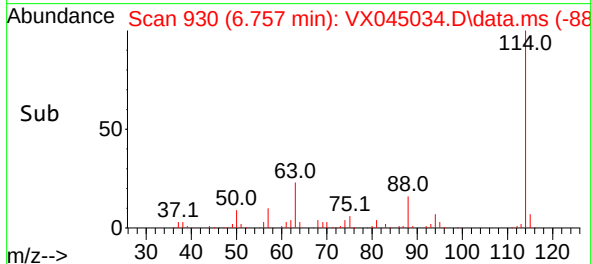
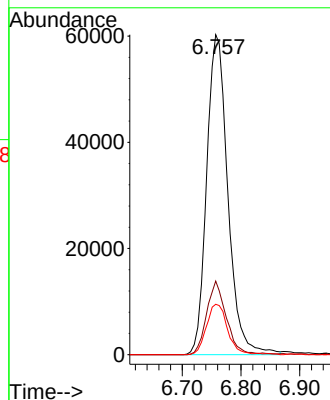
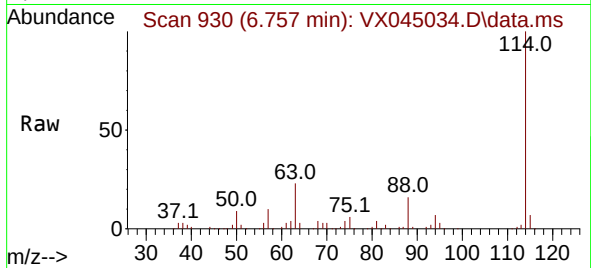




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 911
Delta R.T. 0.000 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

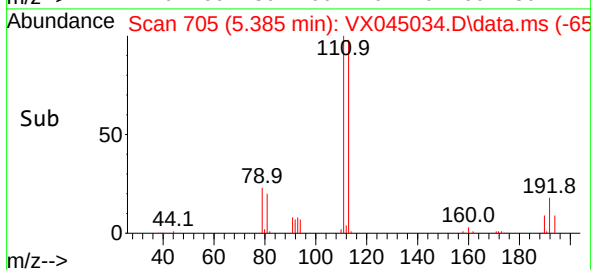
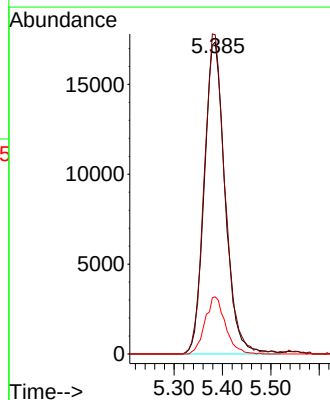
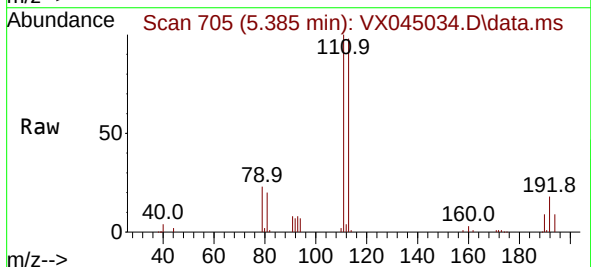
Instrument :
MSVOA_X
ClientSampleId :
IBLK

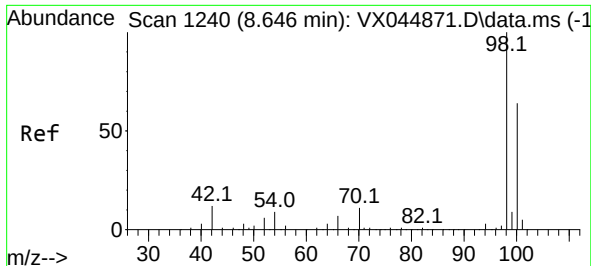
Tgt Ion:114 Resp: 151157
Ion Ratio Lower Upper
114 100
63 23.0 0.0 42.4
88 15.7 0.0 31.4



#35
Dibromofluoromethane
Concen: 52.796 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

Tgt Ion:113 Resp: 51886
Ion Ratio Lower Upper
113 100
111 101.4 83.5 125.3
192 17.9 14.4 21.6

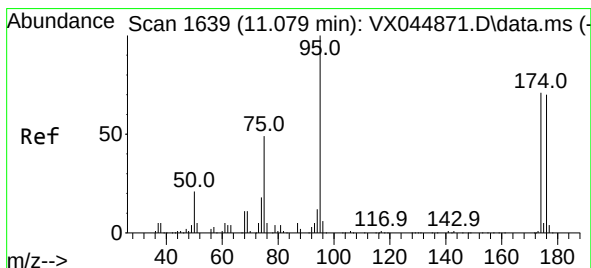
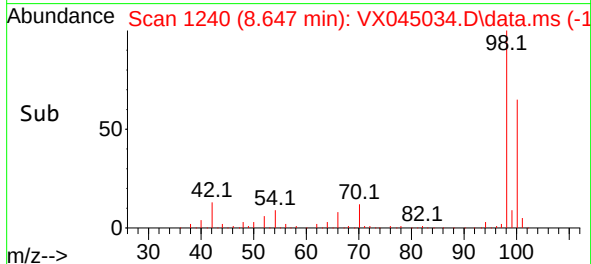
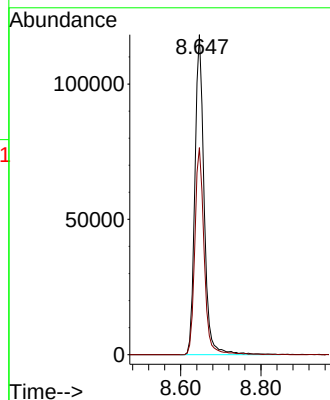
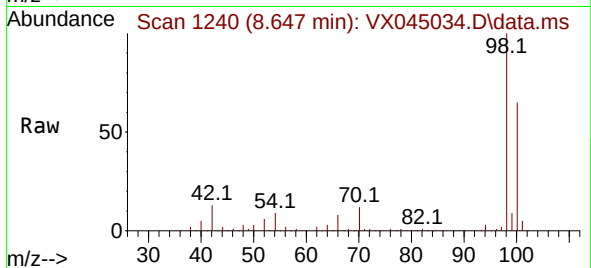




#50
Toluene-d8
Concen: 50.741 ug/l
RT: 8.647 min Scan# 1133
Delta R.T. 0.000 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

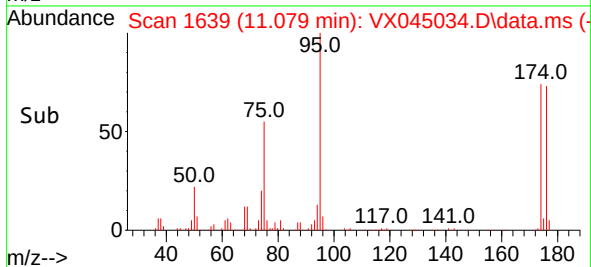
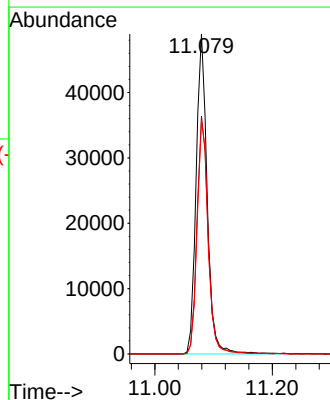
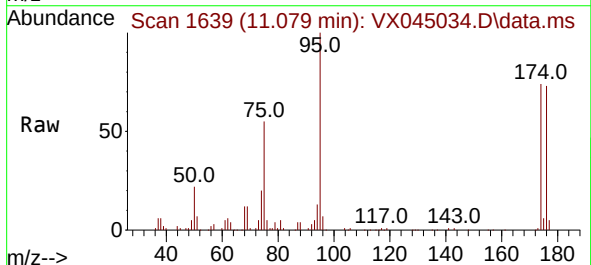
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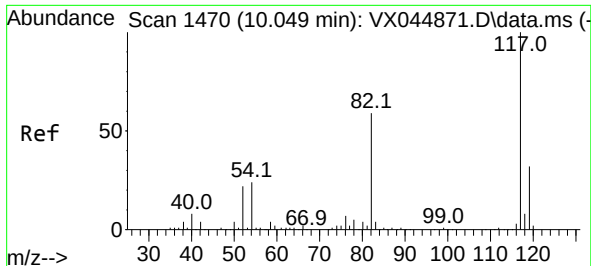
Tgt Ion: 98 Resp: 188565
Ion Ratio Lower Upper
98 100
100 65.5 52.7 79.1



#62
4-Bromofluorobenzene
Concen: 51.005 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

Tgt Ion: 95 Resp: 63901
Ion Ratio Lower Upper
95 100
174 75.2 0.0 142.6
176 72.3 0.0 141.6

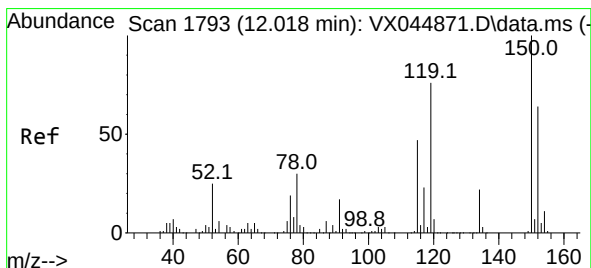
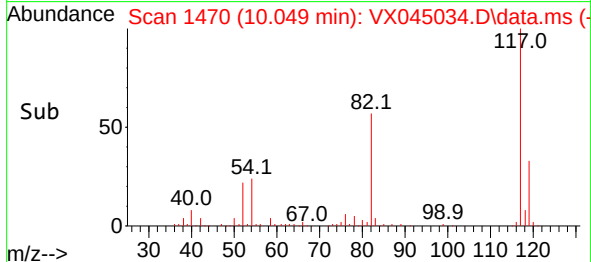
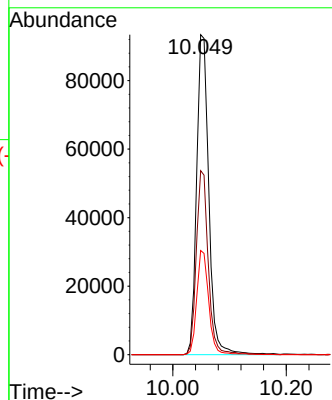
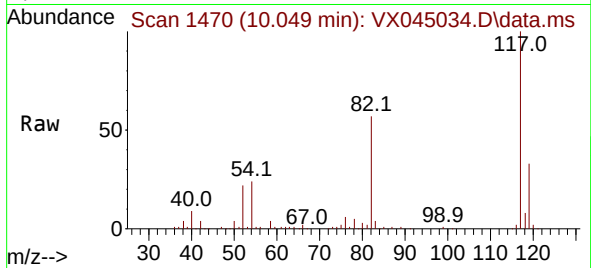




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045034.D
Acq: 25 Feb 2025 13:21

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 139064
Ion Ratio Lower Upper
117 100
82 57.5 47.5 71.3
119 32.5 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: VX045034.D
Acq: 25 Feb 2025 13:21

Tgt Ion:152 Resp: 59393
Ion Ratio Lower Upper
152 100
115 61.3 43.4 130.1
150 155.3 0.0 350.4

