

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021925\
 Data File : VX045003.D
 Acq On : 19 Feb 2025 13:41
 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 20 02:37:59 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)

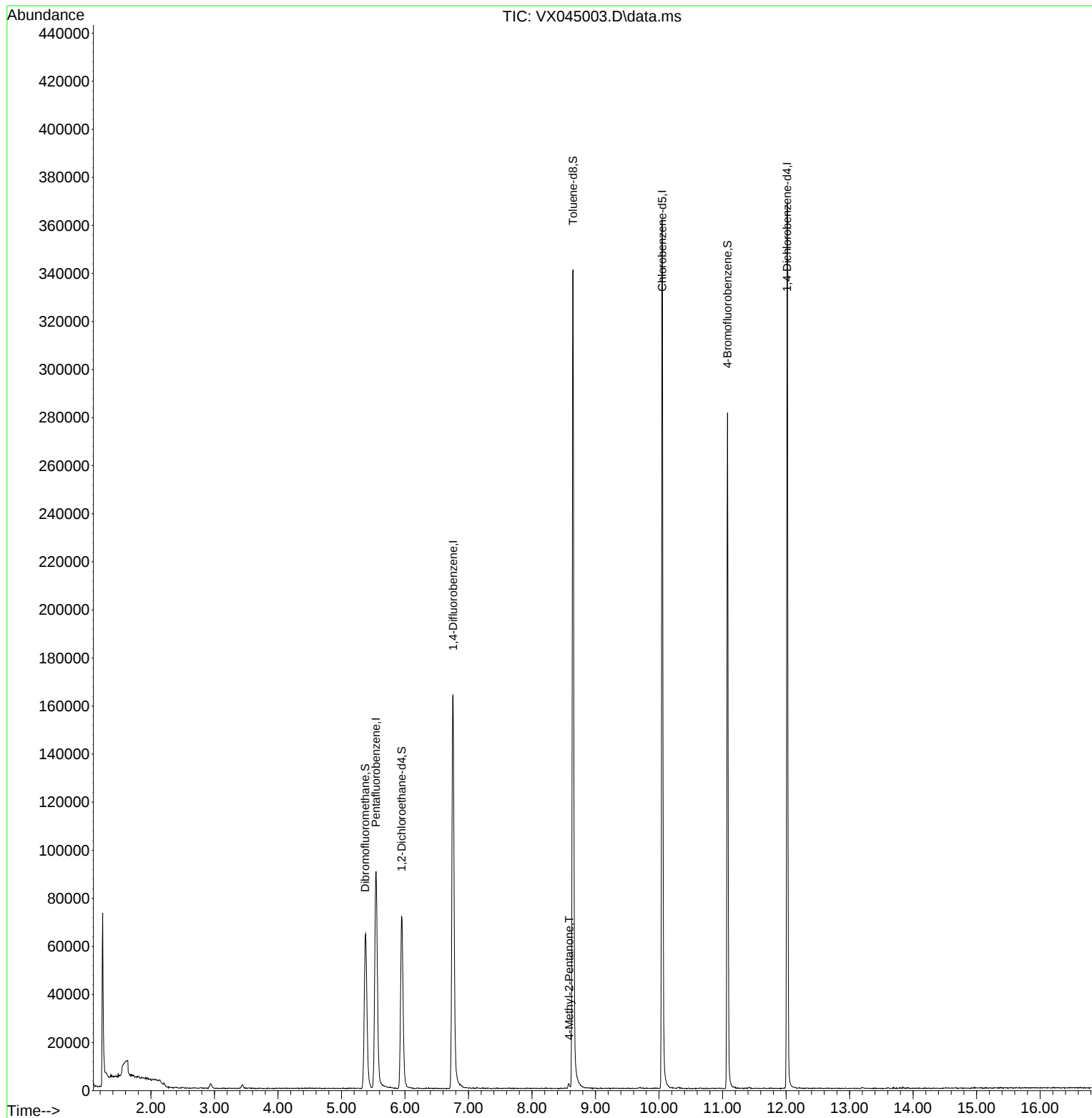
Internal Standards						
1) Pentafluorobenzene	5.544	168	85475	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	172782	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.049	117	158743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	71008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.946	65	69385	55.455	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.900%
35) Dibromofluoromethane	5.373	113	57578	51.255	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.500%
50) Toluene-d8	8.647	98	217486	51.198	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.400%
62) 4-Bromofluorobenzene	11.079	95	75785	52.920	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	105.840%
Target Compounds						
51) 4-Methyl-2-Pentanone	8.586	43	1613	0.911	ug/l	89

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

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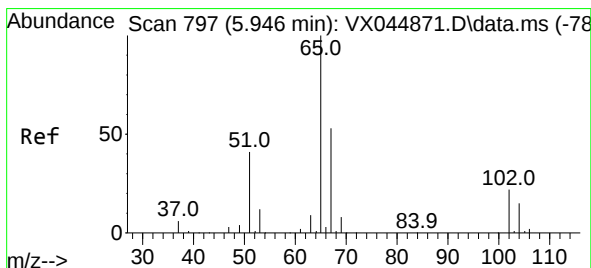
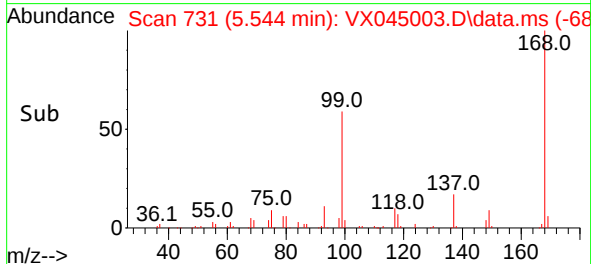
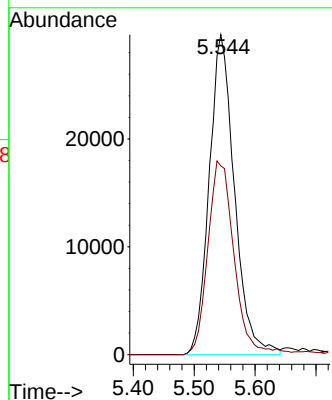
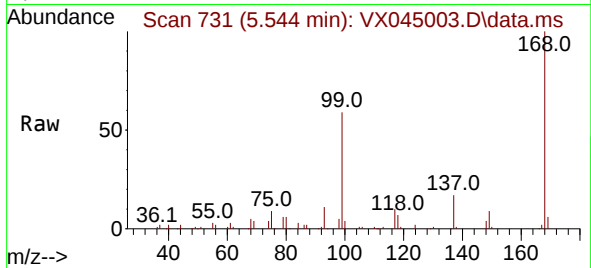




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.544 min Scan# 71
Delta R.T. 0.001 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

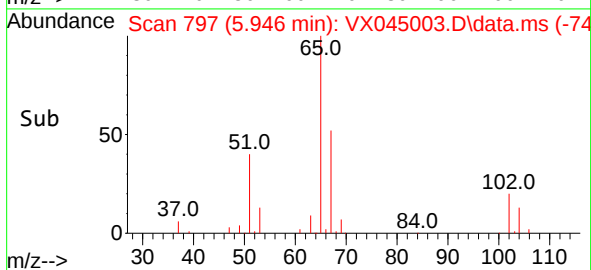
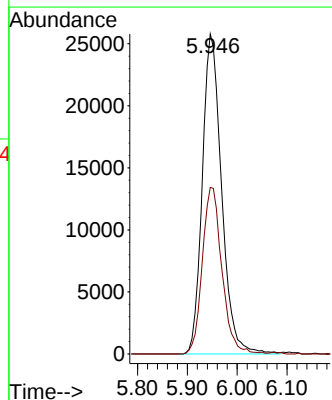
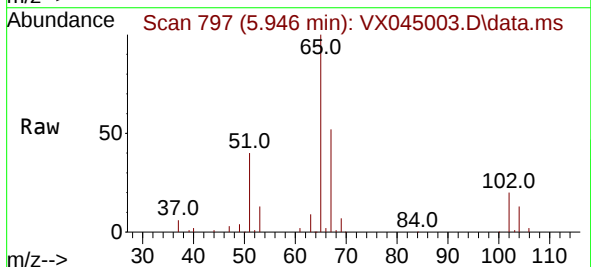
Instrument :
MSVOA_X
ClientSampleId :
IBLK

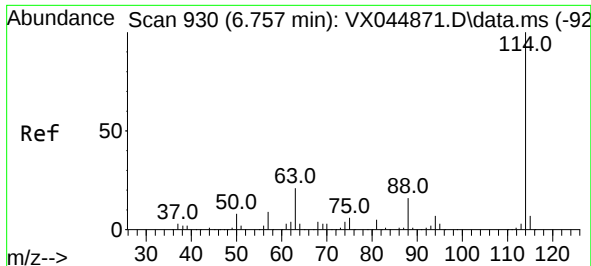
Tgt Ion:168 Resp: 85475
Ion Ratio Lower Upper
168 100
99 59.0 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 55.455 ug/l
RT: 5.946 min Scan# 797
Delta R.T. 0.000 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

Tgt Ion: 65 Resp: 69385
Ion Ratio Lower Upper
65 100
67 52.8 0.0 108.2

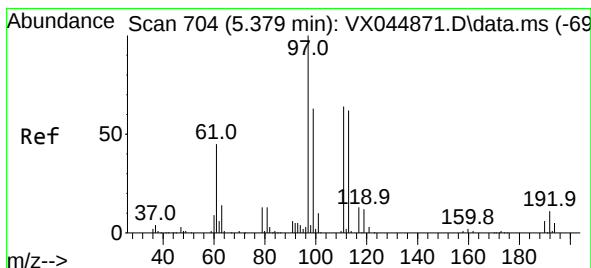
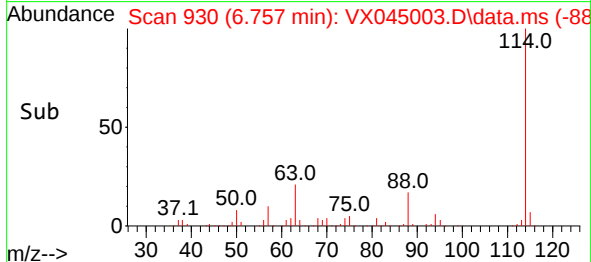
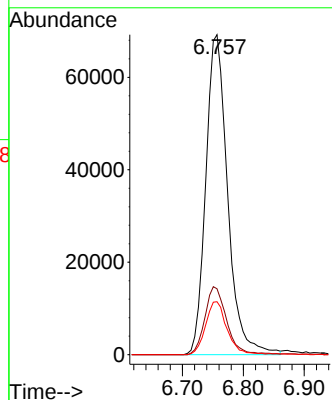
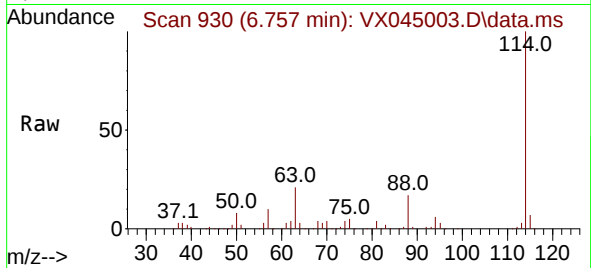




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

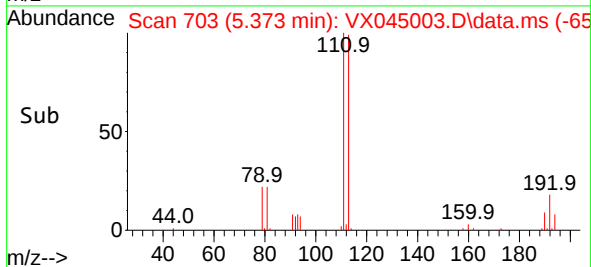
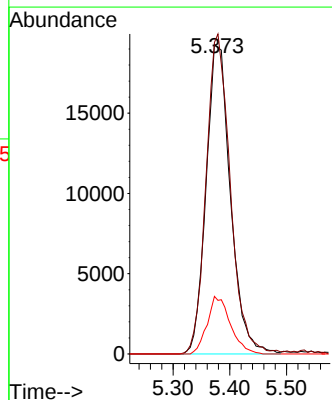
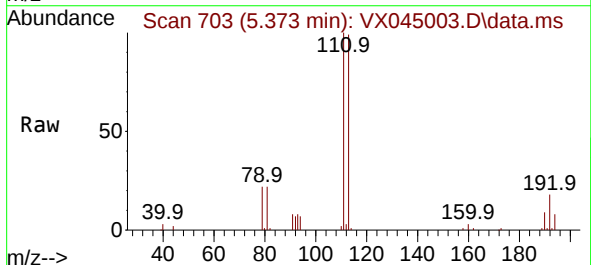
Instrument :
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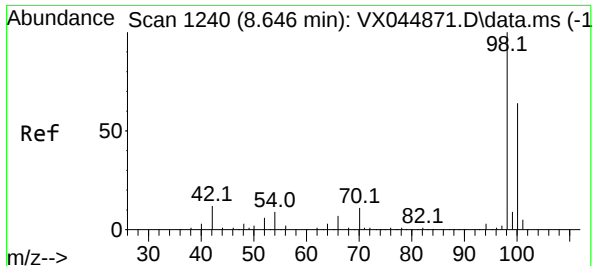
Tgt Ion:114 Resp: 172782
Ion Ratio Lower Upper
114 100
63 20.6 0.0 42.4
88 16.5 0.0 31.4



#35
Dibromofluoromethane
Concen: 51.255 ug/l
RT: 5.373 min Scan# 703
Delta R.T. -0.006 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

Tgt Ion:113 Resp: 57578
Ion Ratio Lower Upper
113 100
111 102.2 83.5 125.3
192 17.7 14.4 21.6

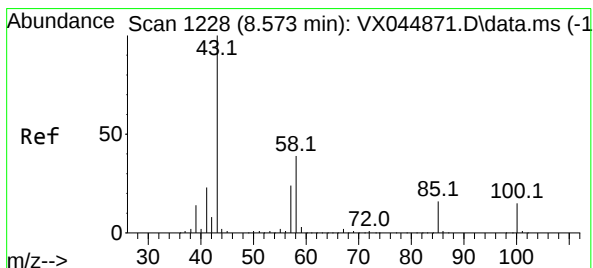
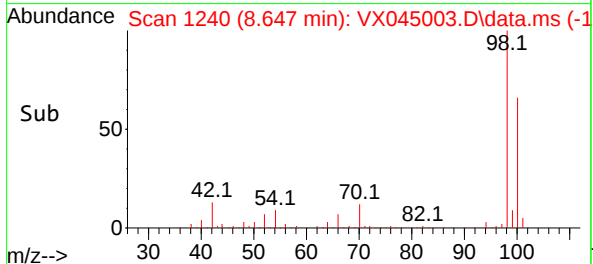
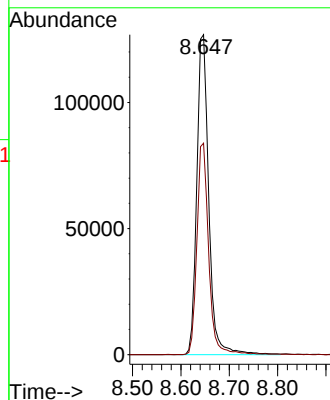
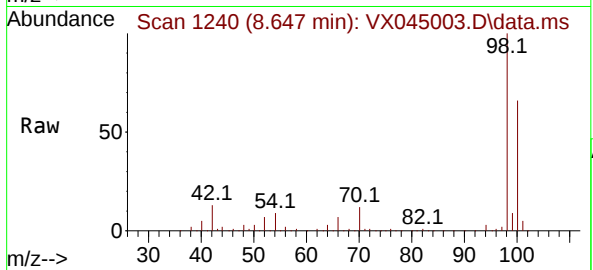




#50
Toluene-d8
Concen: 51.198 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

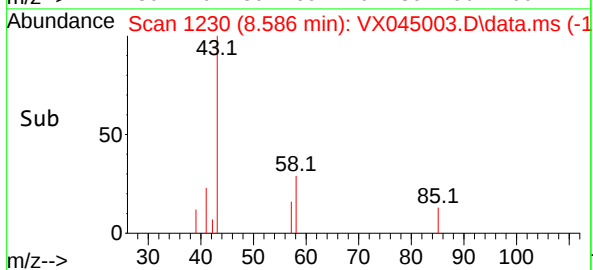
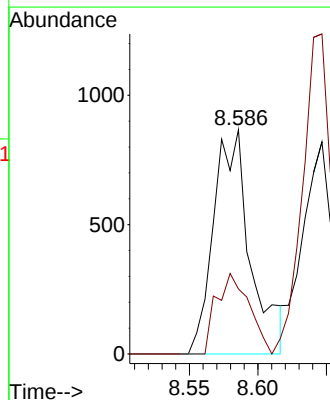
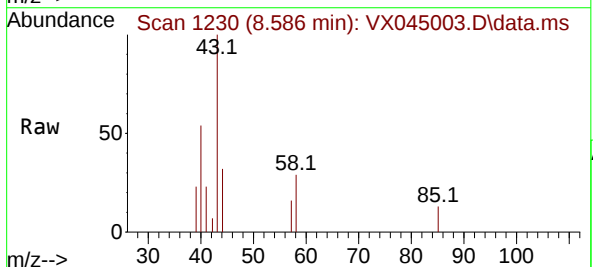
Instrument :
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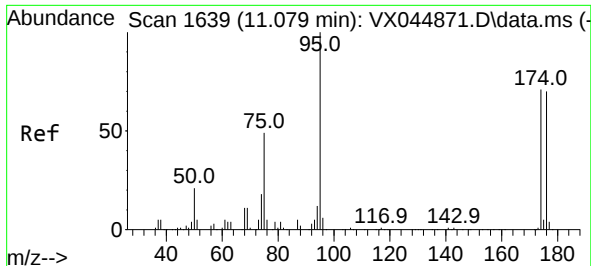
Tgt Ion: 98 Resp: 217486
Ion Ratio Lower Upper
98 100
100 65.1 52.7 79.1



#51
4-Methyl-2-Pentanone
Concen: 0.911 ug/l
RT: 8.586 min Scan# 1230
Delta R.T. 0.012 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

Tgt Ion: 43 Resp: 1613
Ion Ratio Lower Upper
43 100
58 32.1 30.8 46.2

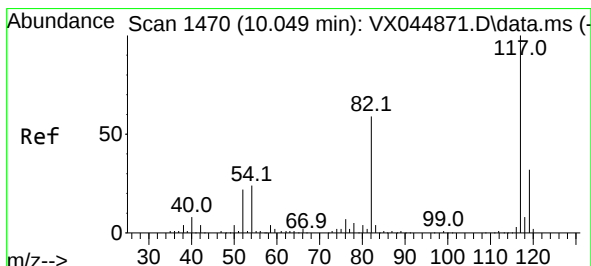
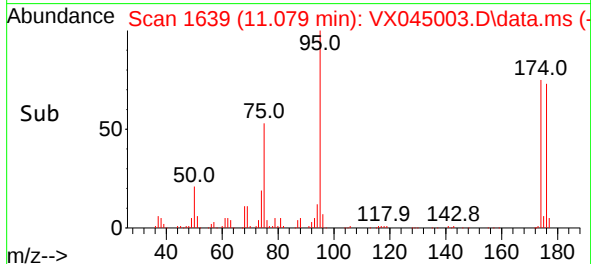
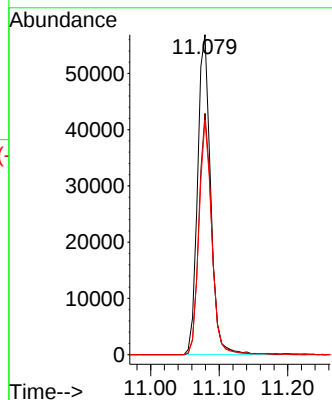
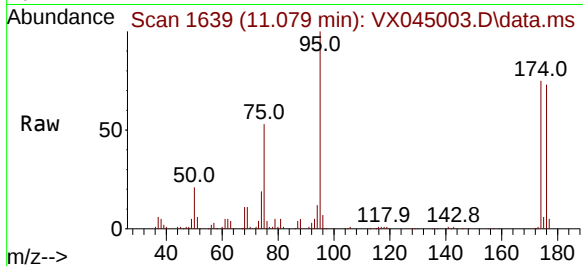




#62
4-Bromofluorobenzene
Concen: 52.920 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

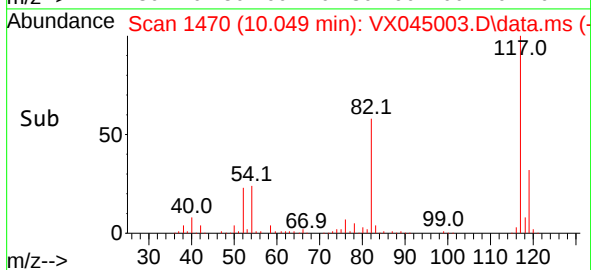
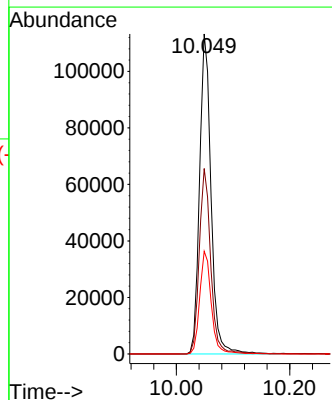
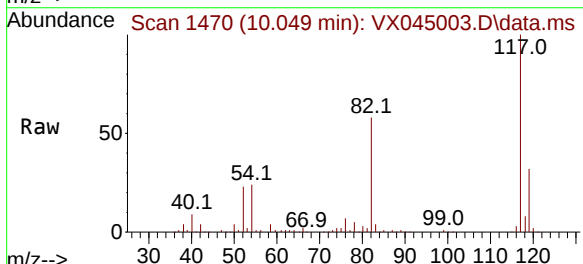
Instrument :
MSVOA_X
ClientSampleId :
IBLK

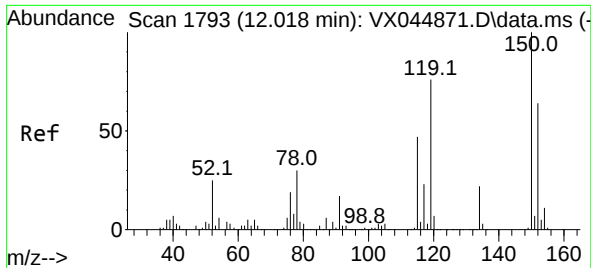
Tgt Ion: 95 Resp: 75785
Ion Ratio Lower Upper
95 100
174 73.5 0.0 142.6
176 71.3 0.0 141.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.049 min Scan# 1470
Delta R.T. 0.000 min
Lab File: VX045003.D
Acq: 19 Feb 2025 13:41

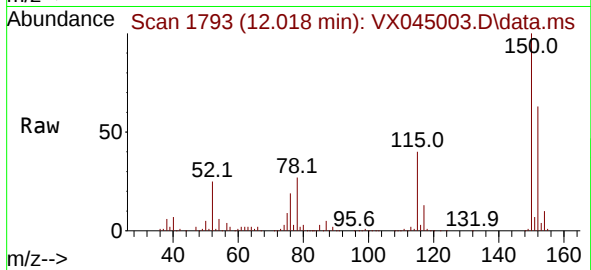
Tgt Ion: 117 Resp: 158743
Ion Ratio Lower Upper
117 100
82 58.0 47.5 71.3
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.018 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX045003.D
 Acq: 19 Feb 2025 13:41

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK



Tgt Ion:152 Resp: 71008
 Ion Ratio Lower Upper
 152 100
 115 61.5 43.4 130.1
 150 155.4 0.0 350.4

