

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX040124\
 Data File : VX040841.D
 Acq On : 01 Apr 2024 12:29
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 02 05:22:54 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X040124W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 02 05:19:09 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.550	168	43331	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	76351	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	75134	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38795	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	36695	47.197	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.400%
35) Dibromofluoromethane	5.385	113	26330	48.688	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.380%
50) Toluene-d8	8.647	98	95879	49.064	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	98.120%
62) 4-Bromofluorobenzene	11.079	95	39047	50.036	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.080%

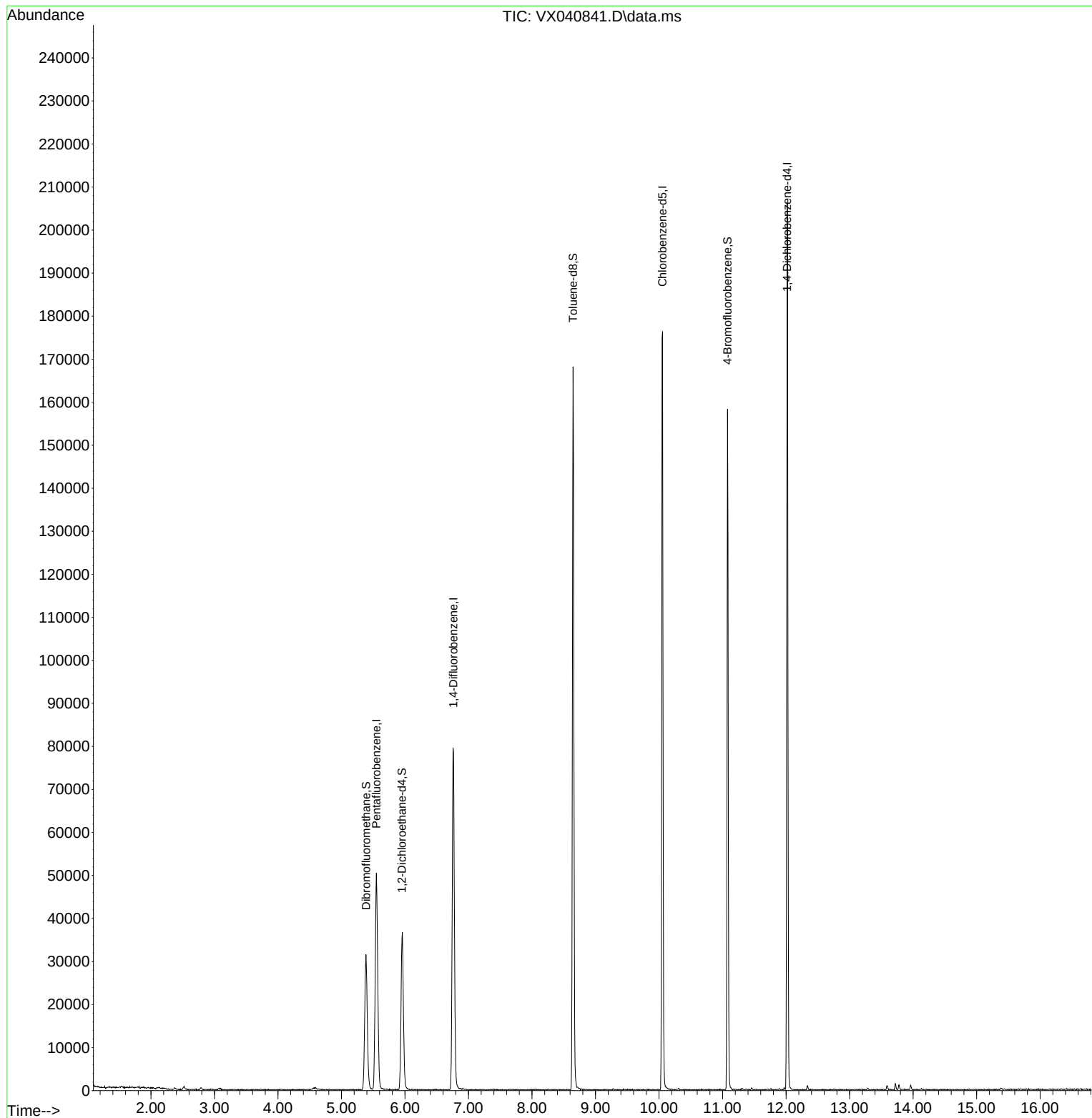
Target Compounds	Qvalue

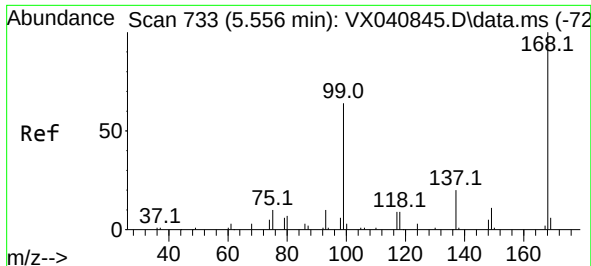
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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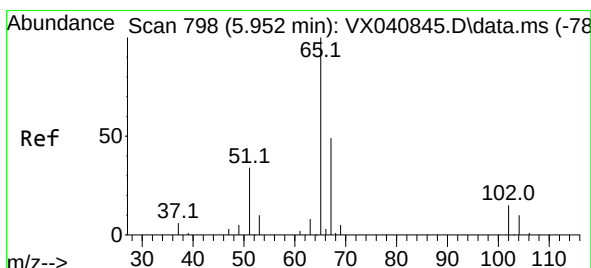
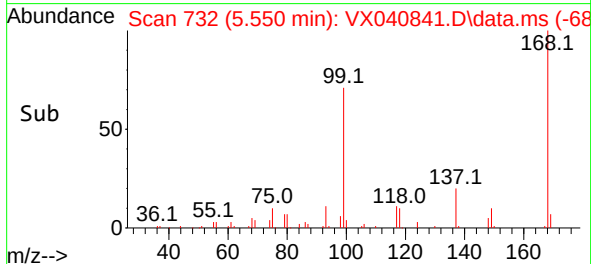
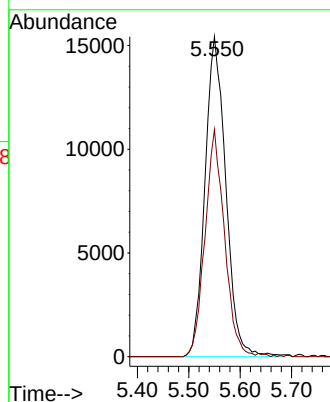
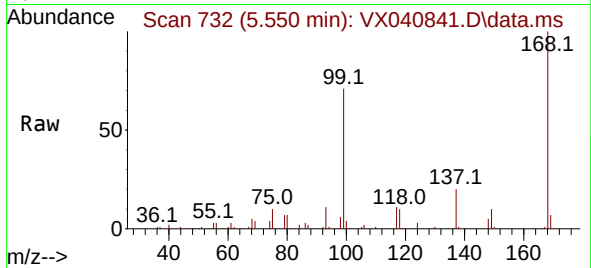




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

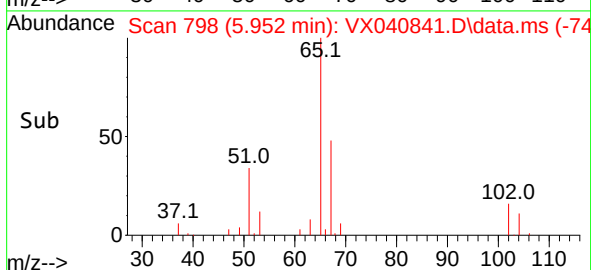
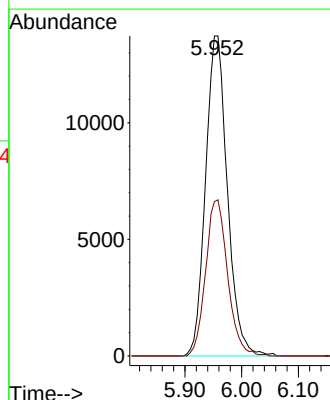
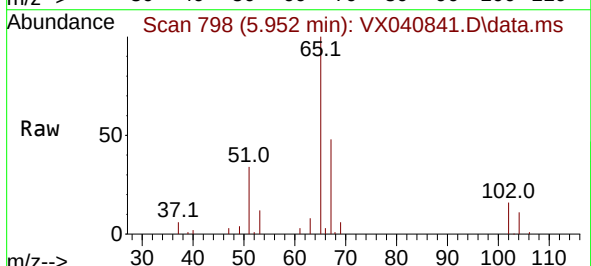
Instrument :
MSVOA_X
ClientSampleId :
IBLK

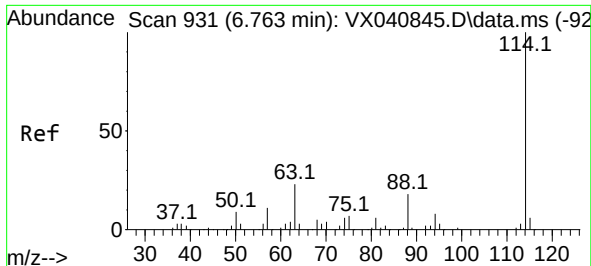
Tgt Ion:168 Resp: 43331
Ion Ratio Lower Upper
168 100
99 71.0 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 47.197 ug/l
RT: 5.952 min Scan# 798
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

Tgt Ion: 65 Resp: 36695
Ion Ratio Lower Upper
65 100
67 49.2 0.0 100.2

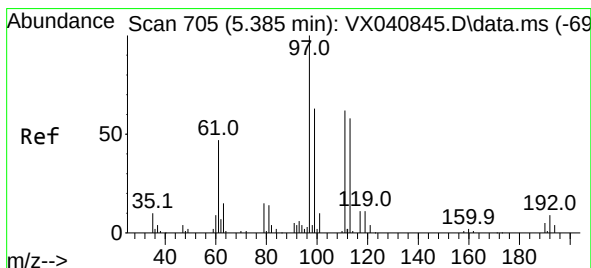
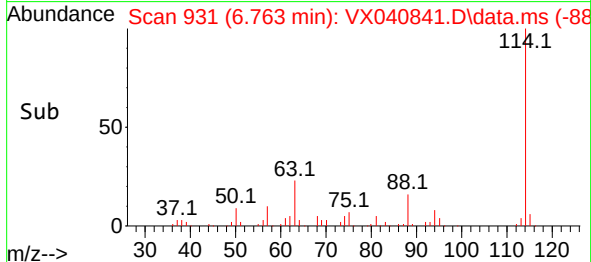
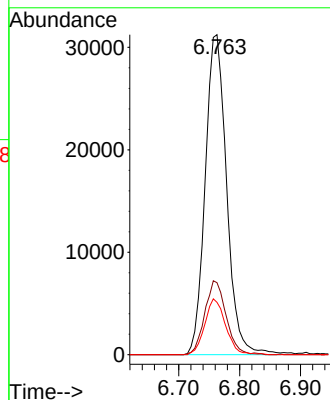
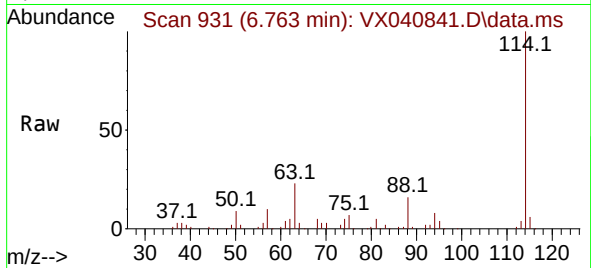




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

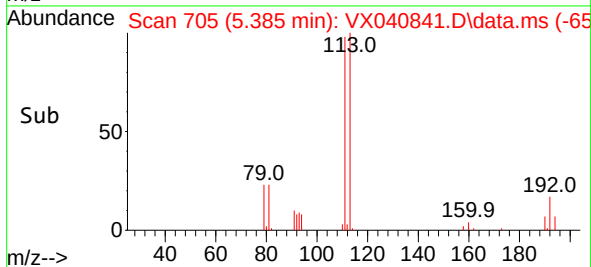
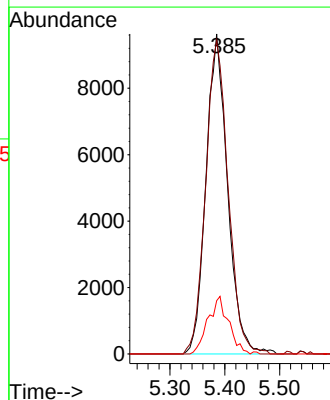
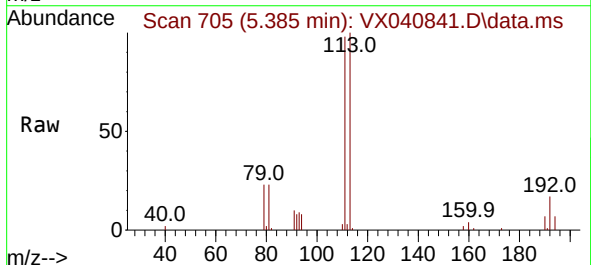
Instrument :
MSVOA_X
ClientSampleId :
IBLK

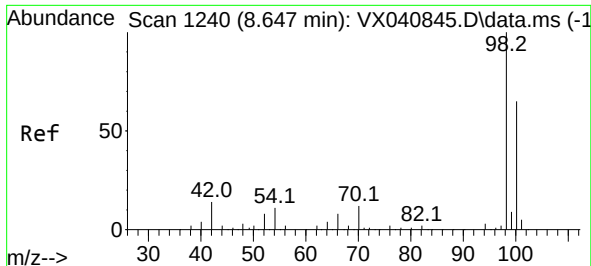
Tgt Ion:114 Resp: 76351
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.0
88 16.3 0.0 36.6



#35
Dibromofluoromethane
Concen: 48.688 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

Tgt Ion:113 Resp: 26330
Ion Ratio Lower Upper
113 100
111 102.3 82.9 124.3
192 17.2 13.3 19.9

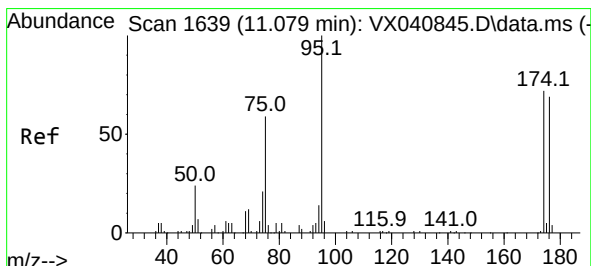
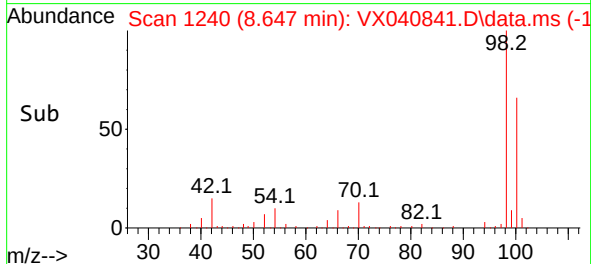
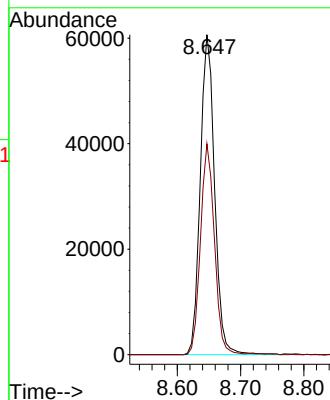
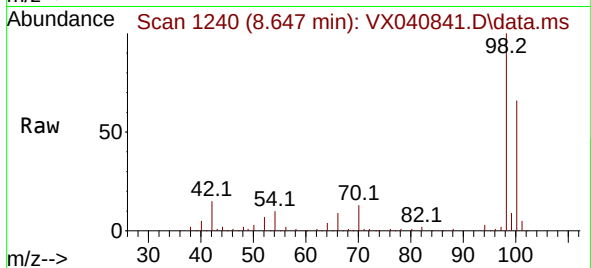




#50
Toluene-d8
Concen: 49.064 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

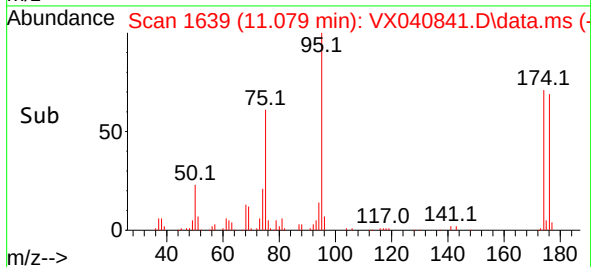
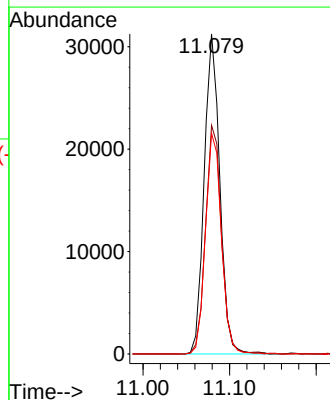
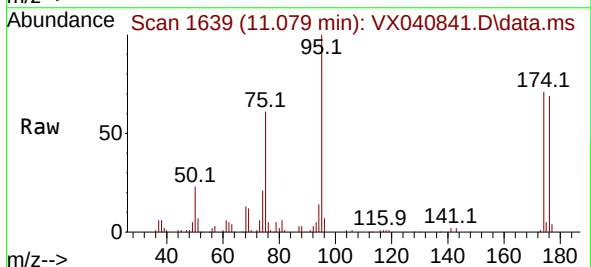
Instrument :
MSVOA_X
ClientSampleId :
IBLK

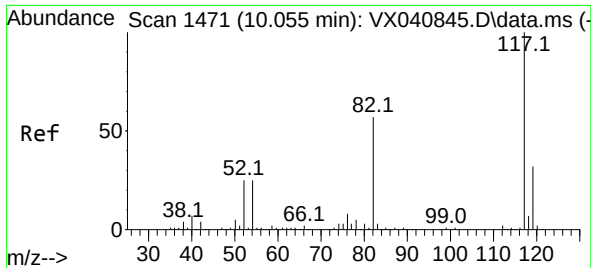
Tgt Ion: 98 Resp: 95879
Ion Ratio Lower Upper
98 100
100 63.9 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 50.036 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

Tgt Ion: 95 Resp: 39047
Ion Ratio Lower Upper
95 100
174 73.2 0.0 135.6
176 70.4 0.0 131.0

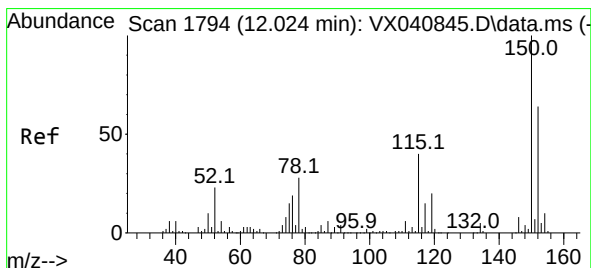
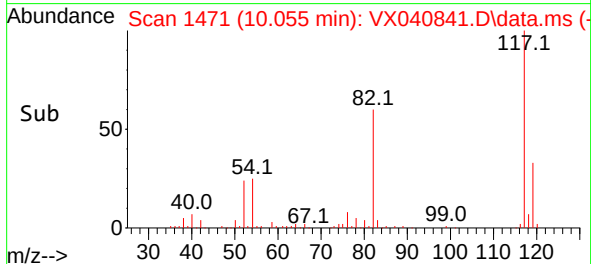
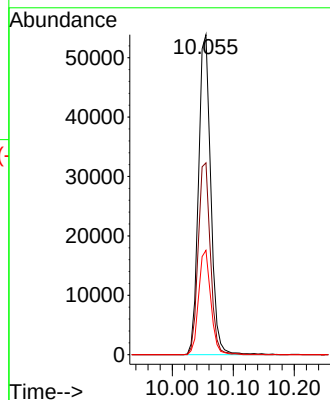
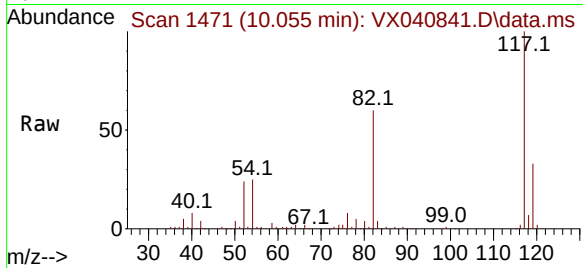




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:	117	Resp:	75134
Ion Ratio	Lower	Upper	
117	100		
82	59.9	46.2	69.4
119	32.6	25.5	38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.018 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VX040841.D
Acq: 01 Apr 2024 12:29

Tgt Ion:	152	Resp:	38795
Ion Ratio	Lower	Upper	
152	100		
115	63.2	43.3	129.9
150	156.7	0.0	345.0

