

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX030424\
 Data File : VX040571.D
 Acq On : 04 Mar 2024 16:06
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Mar 05 00:27:42 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X022624W.M
 Quant Title : SW846 8260
 QLast Update : Tue Feb 27 05:01:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73237	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	126384	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	126840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64908	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	62374	50.920	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.840%
35) Dibromofluoromethane	5.385	113	43678	49.698	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.400%
50) Toluene-d8	8.647	98	143808	45.078	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	90.160%
62) 4-Bromofluorobenzene	11.079	95	64035	52.657	ug/l	0.00
Spiked Amount	50.000	Range	64 - 133	Recovery	=	105.320%

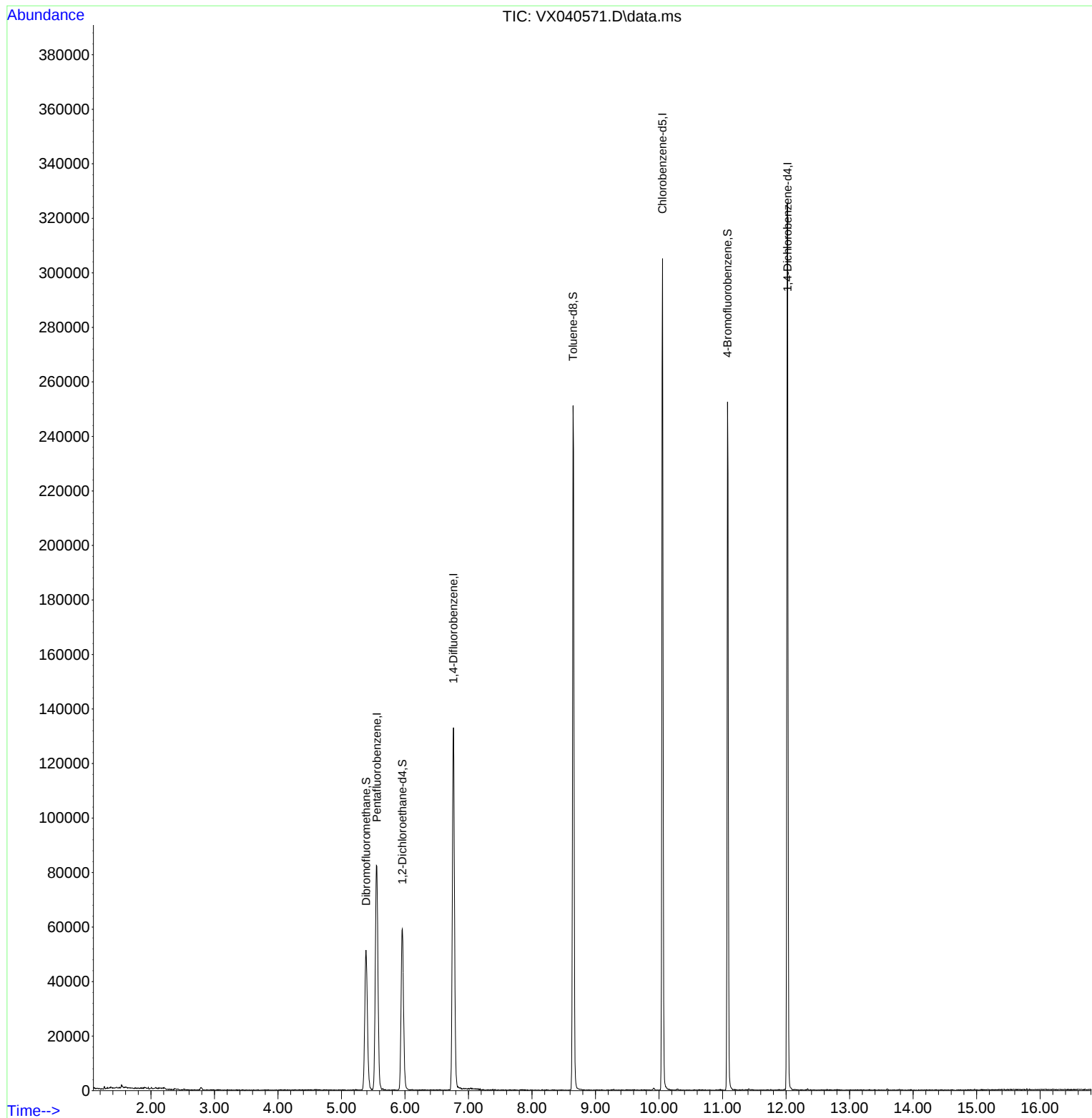
Target Compounds	Qvalue

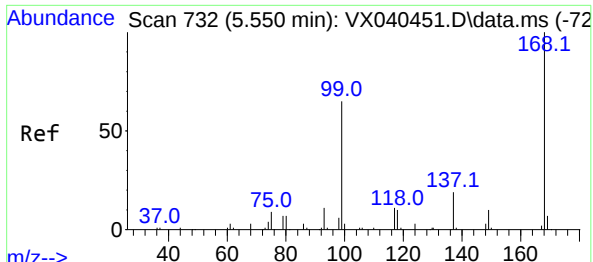
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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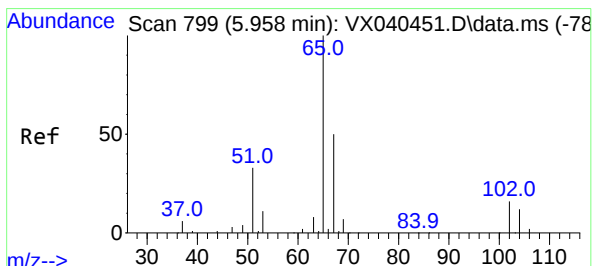
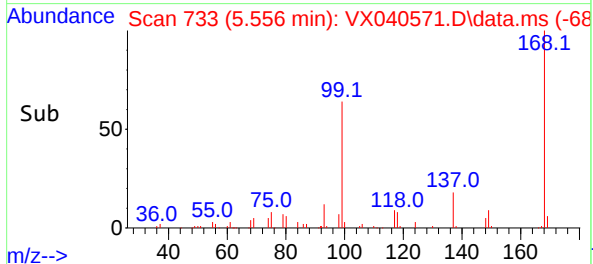
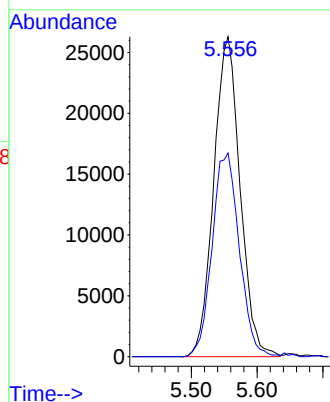
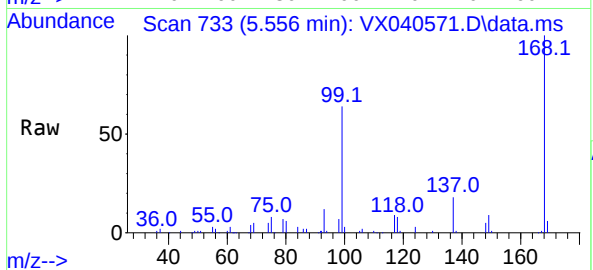




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 711
Delta R.T. 0.006 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

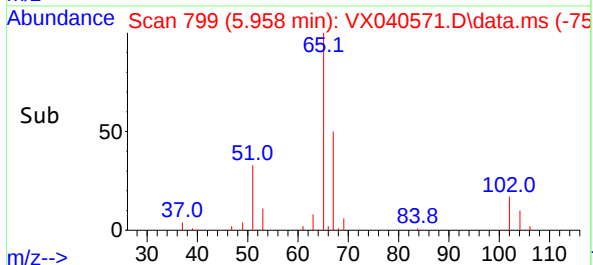
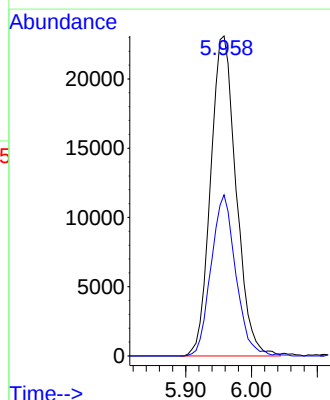
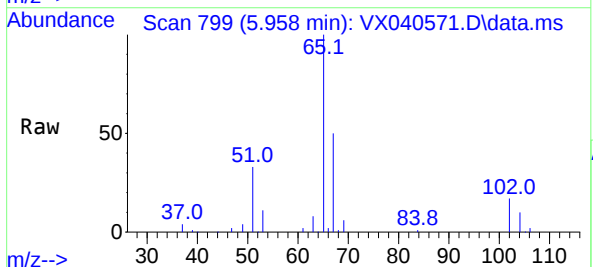
Instrument :
MSVOA_X
ClientSampleId :
IBLK

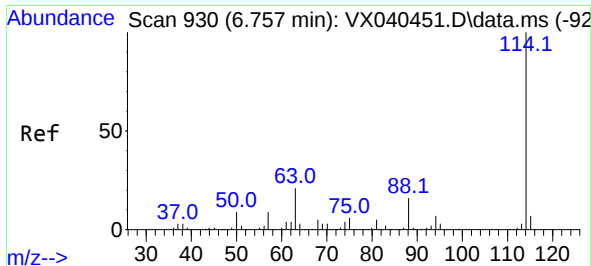
Tgt Ion:168 Resp: 73237
Ion Ratio Lower Upper
168 100
99 63.6 56.6 85.0



#33
1,2-Dichloroethane-d4
Concen: 50.920 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

Tgt Ion: 65 Resp: 62374
Ion Ratio Lower Upper
65 100
67 48.7 0.0 100.2

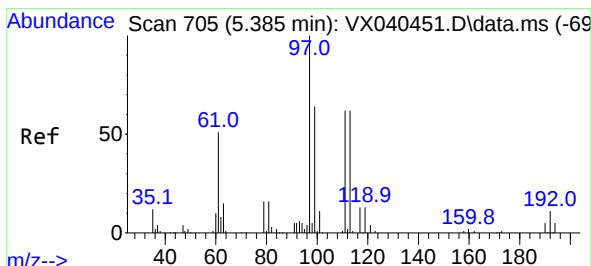
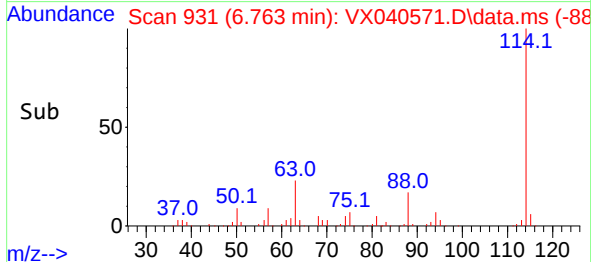
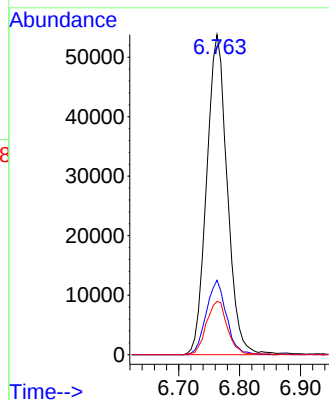
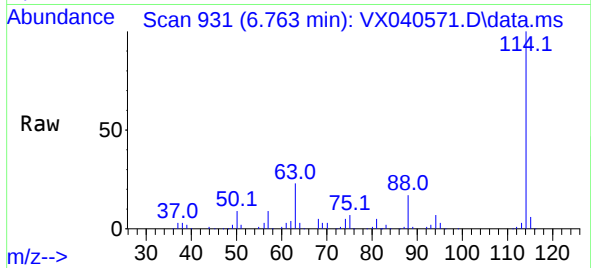




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 911
Delta R.T. 0.006 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

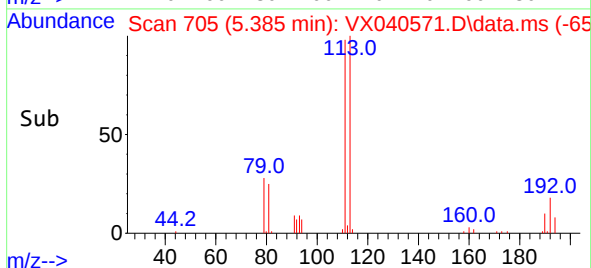
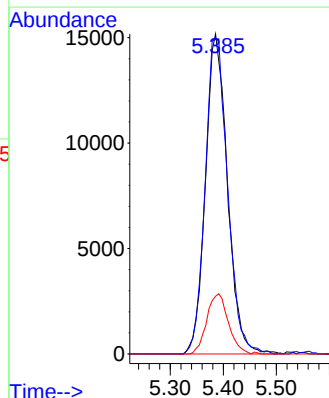
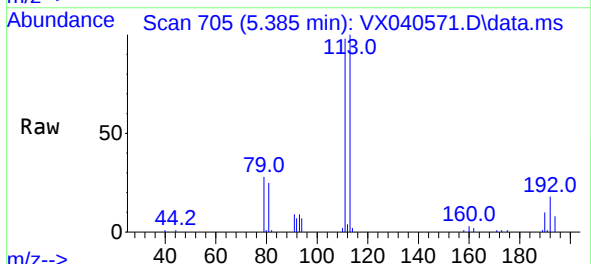
Instrument :
MSVOA_X
ClientSampleId :
IBLK

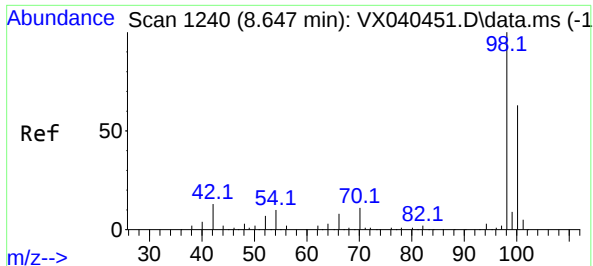
Tgt Ion:114 Resp: 126384
Ion Ratio Lower Upper
114 100
63 23.3 0.0 45.0
88 16.7 0.0 36.6



#35
Dibromofluoromethane
Concen: 49.698 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

Tgt Ion:113 Resp: 43678
Ion Ratio Lower Upper
113 100
111 101.3 82.9 124.3
192 18.4 13.3 19.9

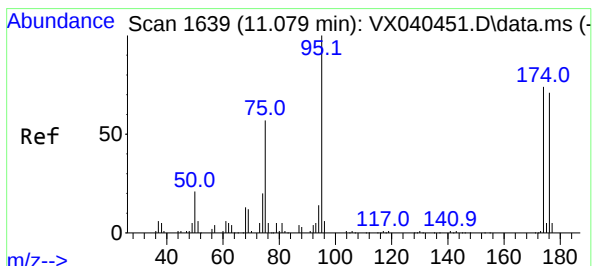
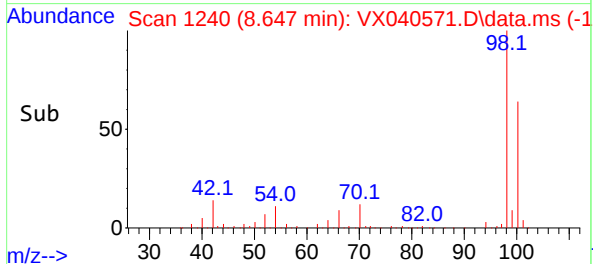
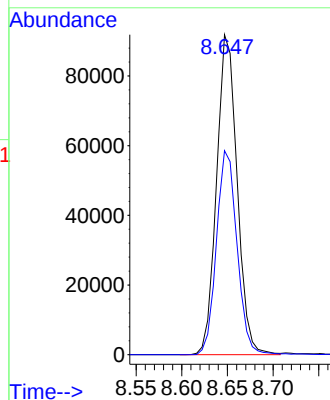
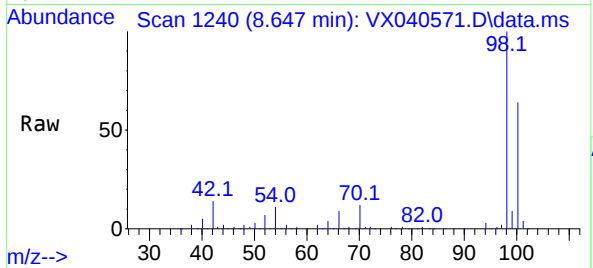




#50
Toluene-d8
Concen: 45.078 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

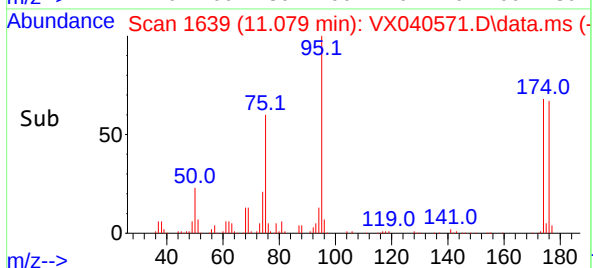
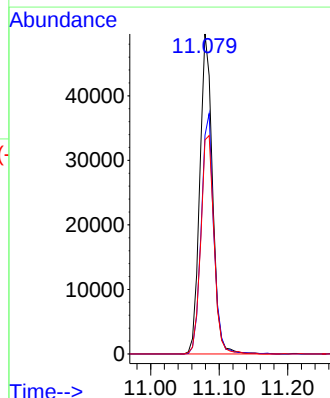
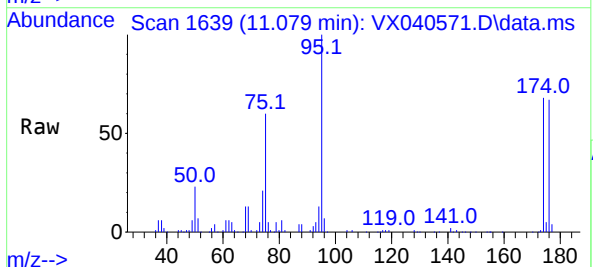
Instrument :
MSVOA_X
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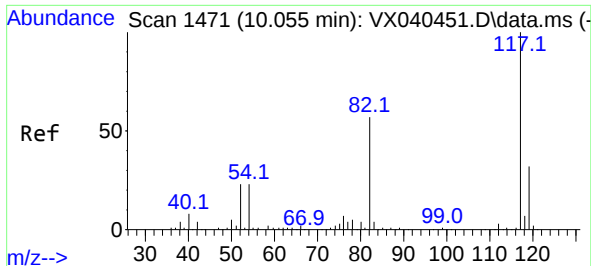
Tgt Ion: 98 Resp: 143808
Ion Ratio Lower Upper
98 100
100 64.0 53.1 79.7



#62
4-Bromofluorobenzene
Concen: 52.657 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

Tgt Ion: 95 Resp: 64035
Ion Ratio Lower Upper
95 100
174 74.1 0.0 135.6
176 71.1 0.0 131.0

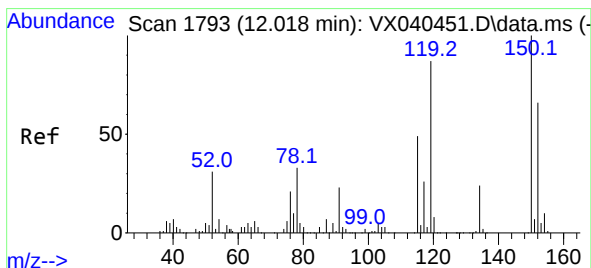
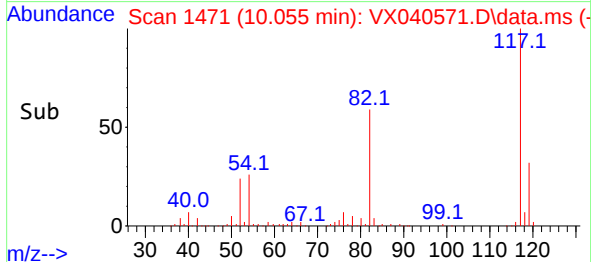
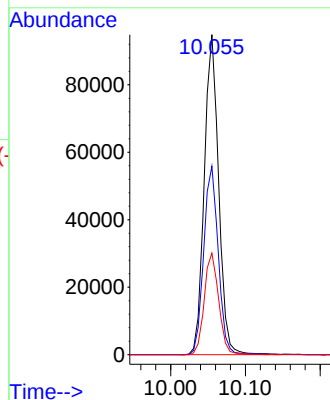
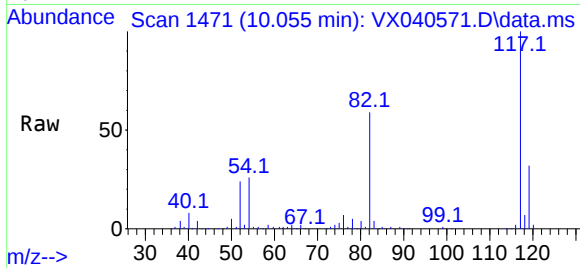




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:117 Resp: 126840
Ion Ratio Lower Upper
117 100
82 58.9 46.2 69.4
119 31.8 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VX040571.D
Acq: 04 Mar 2024 16:06

Tgt Ion:152 Resp: 64908
Ion Ratio Lower Upper
152 100
115 62.6 43.3 129.9
150 156.9 0.0 345.0

