

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX041323\
 Data File : VX035048.D
 Acq On : 12 Apr 2023 16:12
 Operator : JC/MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 IBLK

Quant Time: Apr 13 02:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032923W.M
 Quant Title : SW846 8260
 QLast Update : Sat Apr 01 01:50:18 2023
 Response via : Initial Calibration

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

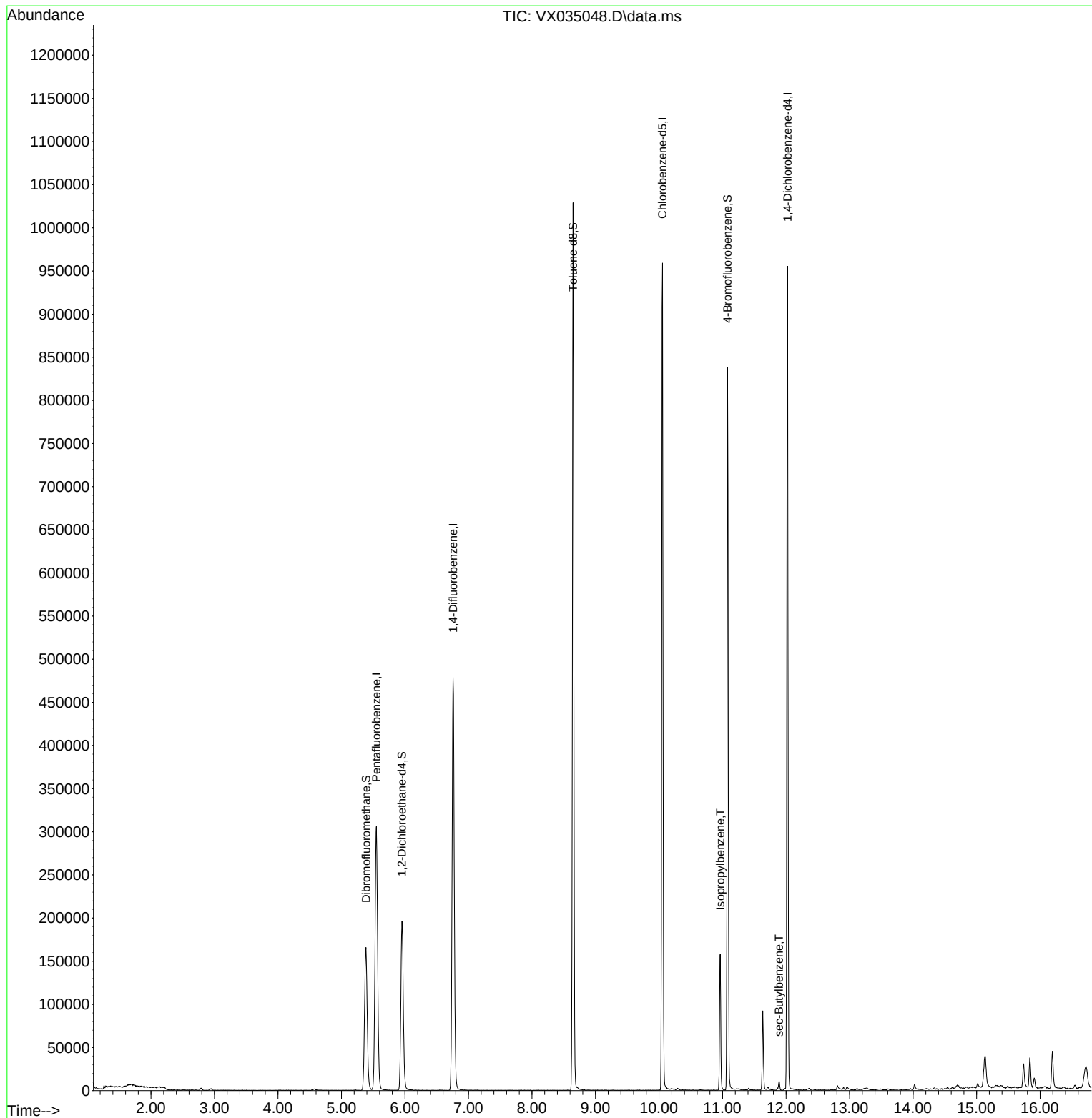
Internal Standards						
1) Pentafluorobenzene	5.550	168	285492	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	484687	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	439475	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	206404	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	190568	43.646	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.300%
35) Dibromofluoromethane	5.385	113	145614	45.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.840%
50) Toluene-d8	8.647	98	578911	48.924	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.840%
62) 4-Bromofluorobenzene	11.079	95	221264	48.321	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	96.640%
Target Compounds						
73) Isopropylbenzene	10.963	105	81439	5.386	ug/l	100
85) sec-Butylbenzene	11.890	105	5487	0.380	ug/l	91

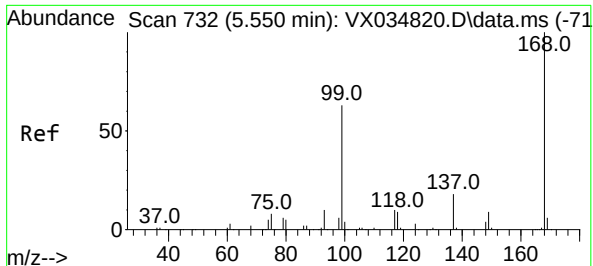
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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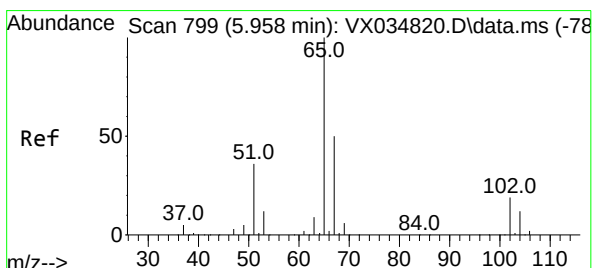
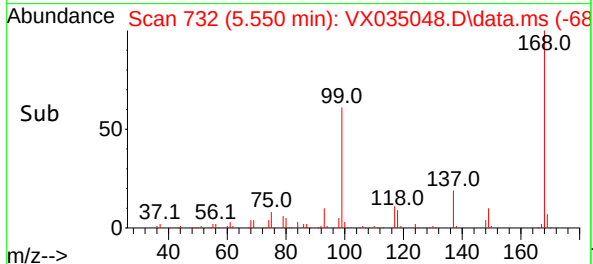
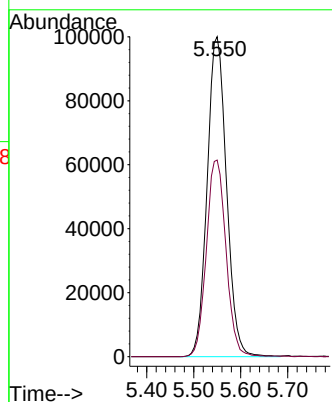
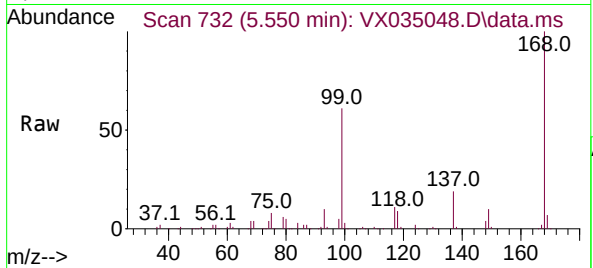




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

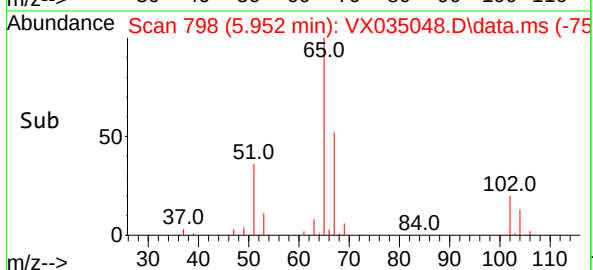
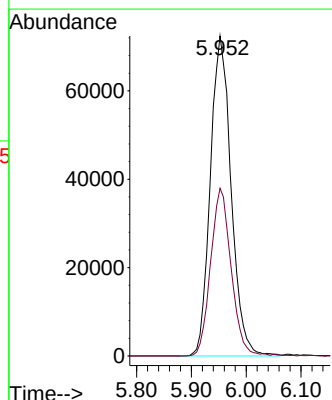
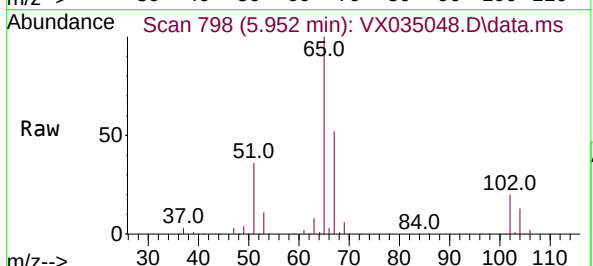
Instrument :
MSVOA_X
ClientSampleId :
IBLK

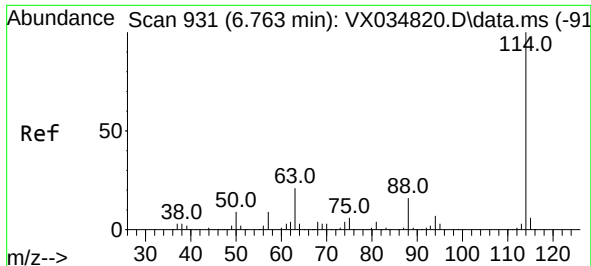
Tgt Ion:168 Resp: 285492
Ion Ratio Lower Upper
168 100
99 61.4 45.7 68.5



#33
1,2-Dichloroethane-d4
Concen: 43.646 ug/l
RT: 5.952 min Scan# 798
Delta R.T. -0.006 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 65 Resp: 190568
Ion Ratio Lower Upper
65 100
67 51.6 0.0 104.0

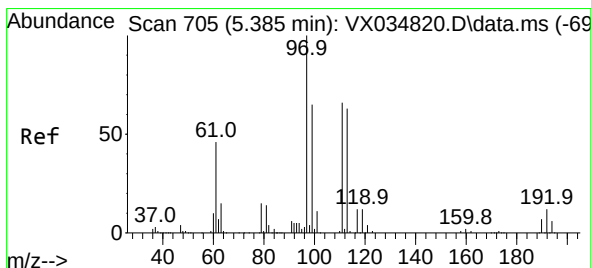
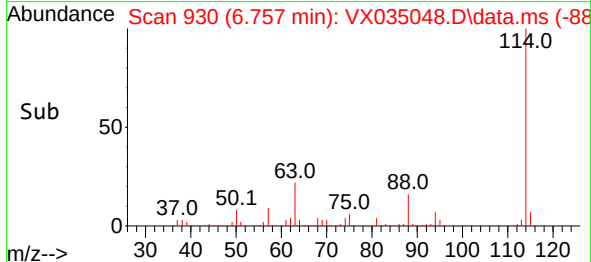
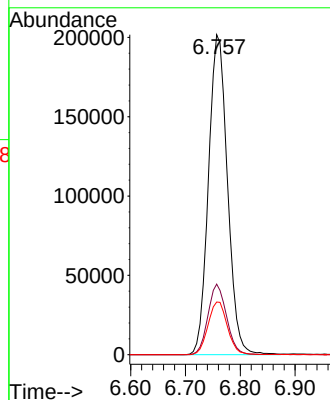
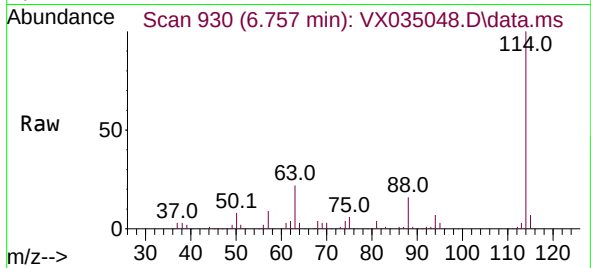




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

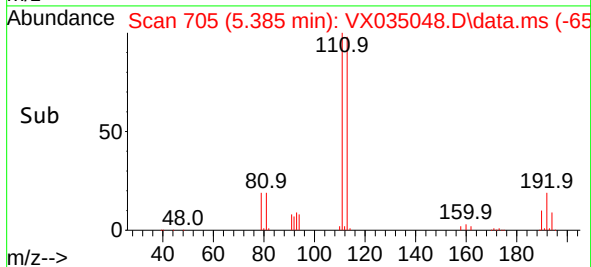
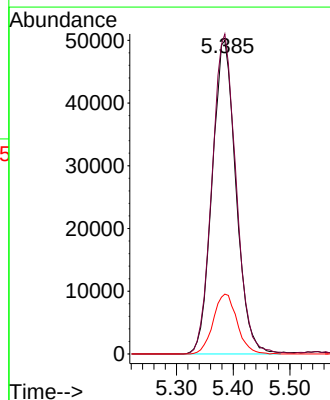
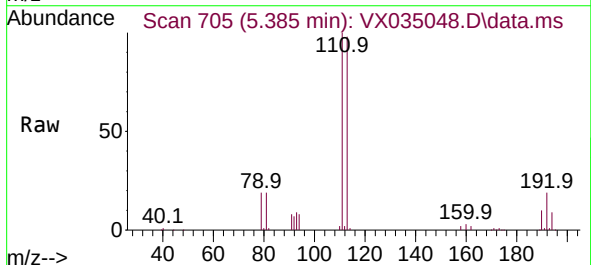
Instrument :
MSVOA_X
ClientSampleId :
IBLK

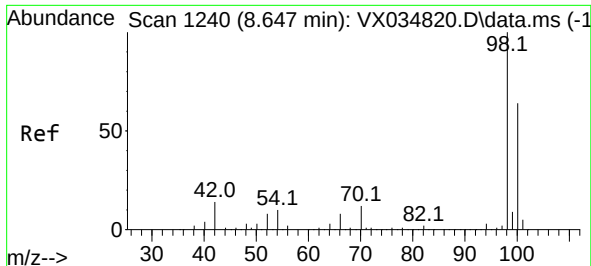
Tgt Ion:114 Resp: 484687
Ion Ratio Lower Upper
114 100
63 22.1 0.0 42.2
88 16.4 0.0 33.2



#35
Dibromofluoromethane
Concen: 45.422 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion:113 Resp: 145614
Ion Ratio Lower Upper
113 100
111 103.0 83.7 125.5
192 19.1 15.4 23.2

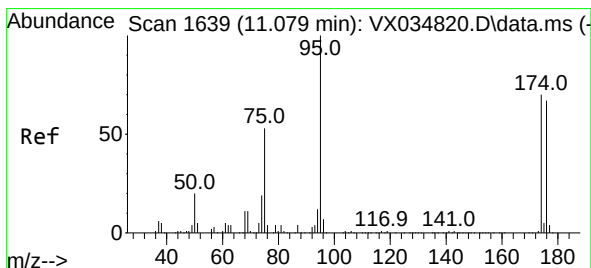
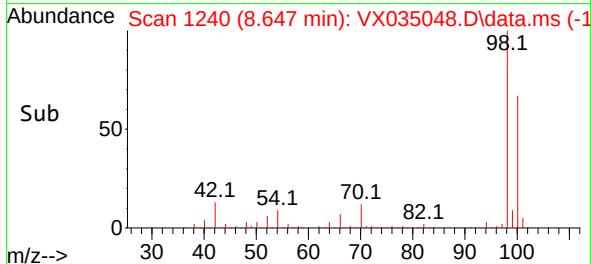
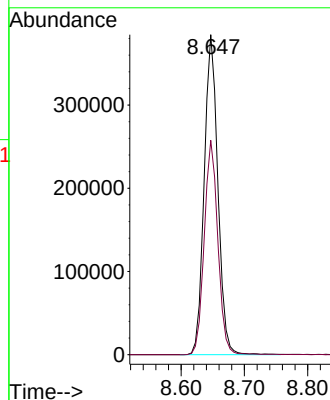
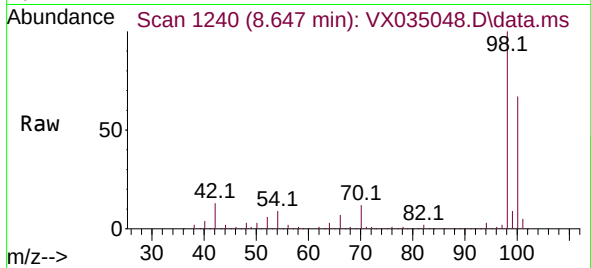




#50
Toluene-d8
Concen: 48.924 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

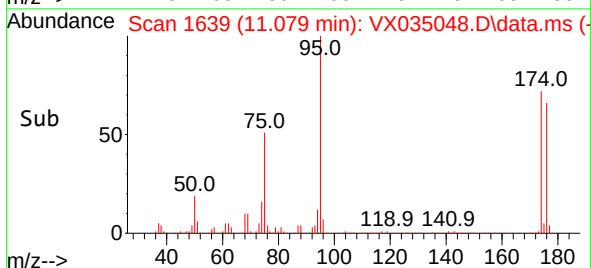
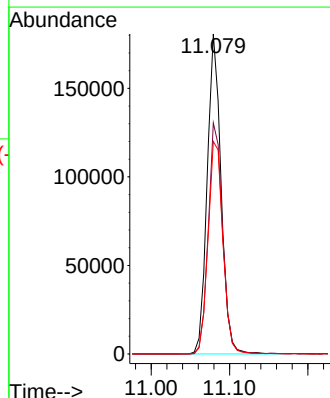
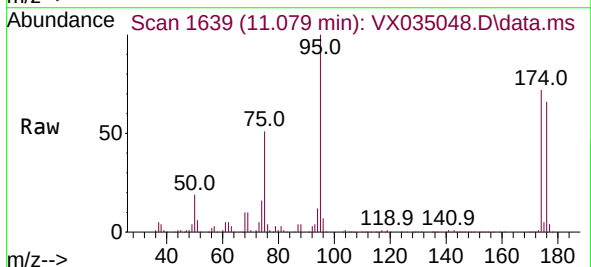
Instrument :
MSVOA_X
ClientSampleId :
IBLK

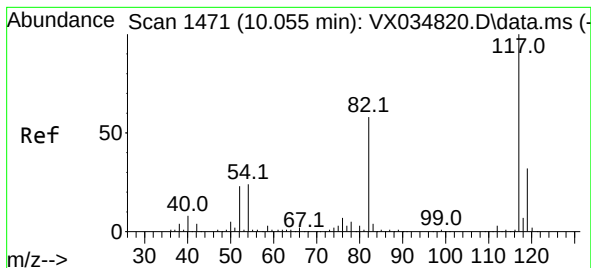
Tgt Ion: 98 Resp: 578911
Ion Ratio Lower Upper
98 100
100 66.6 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 48.321 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion: 95 Resp: 221264
Ion Ratio Lower Upper
95 100
174 74.3 0.0 147.4
176 71.3 0.0 140.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

Instrument :

MSVOA_X

ClientSampleId :

IBLK

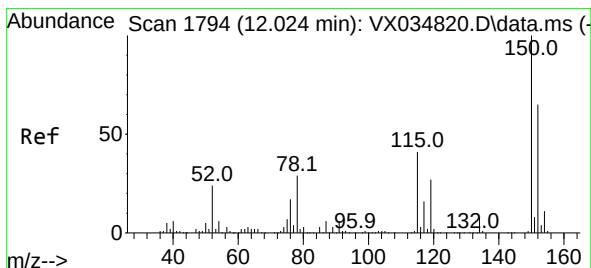
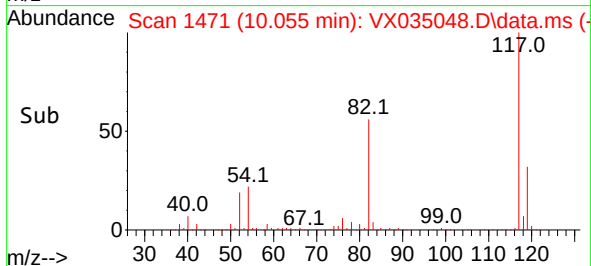
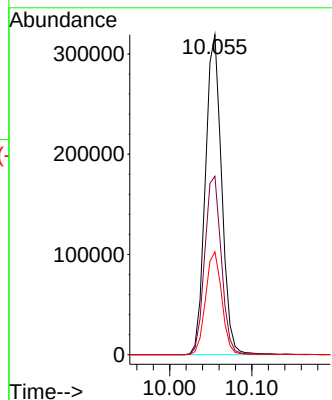
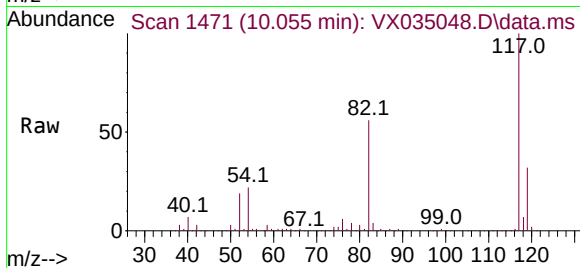
Tgt Ion:117 Resp: 439475

Ion Ratio Lower Upper

117 100

82 55.8 45.0 67.4

119 32.1 26.0 39.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX035048.D

Acq: 12 Apr 2023 16:12

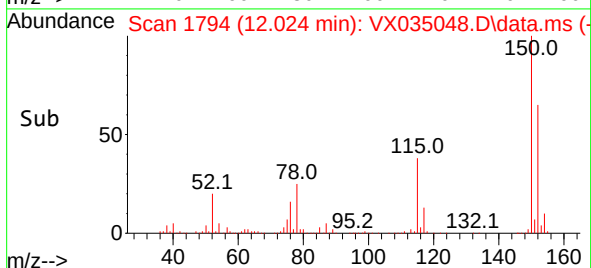
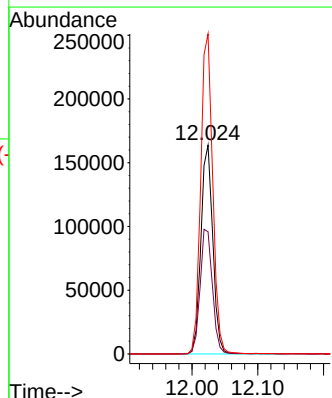
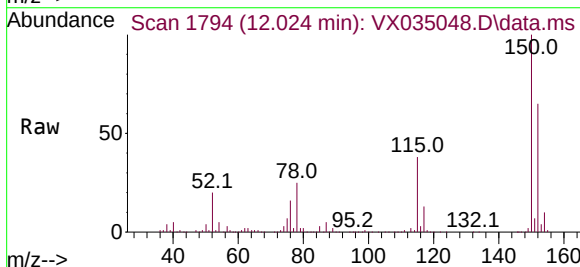
Tgt Ion:152 Resp: 206404

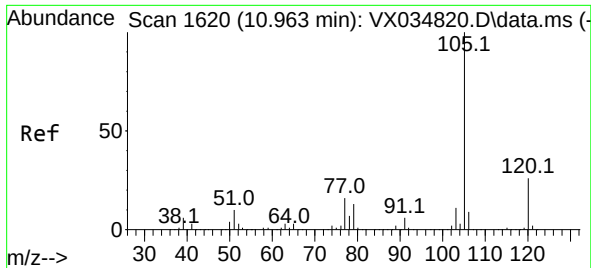
Ion Ratio Lower Upper

152 100

115 61.8 45.0 135.0

150 154.3 0.0 352.4

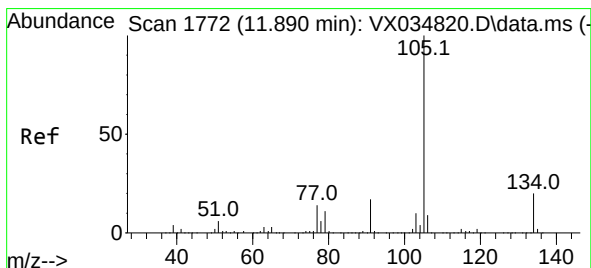
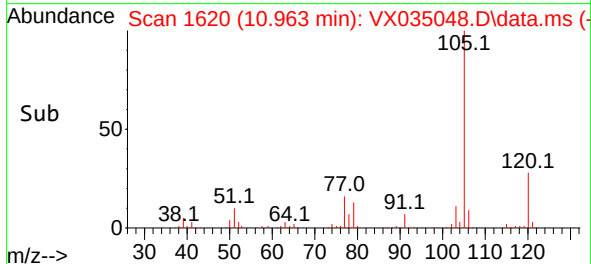
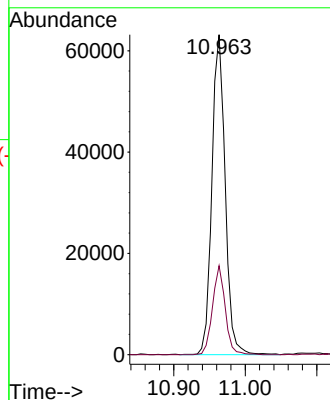
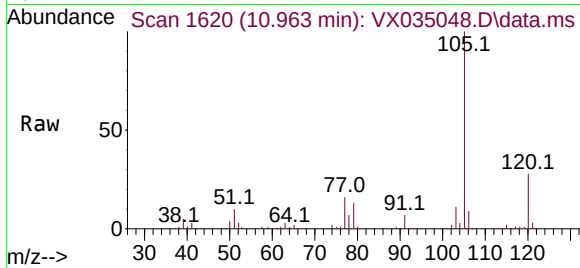




#73
Isopropylbenzene
Concen: 5.386 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Instrument :
MSVOA_X
ClientSampleId :
IBLK

Tgt Ion:105 Resp: 81439
Ion Ratio Lower Upper
105 100
120 26.5 13.3 39.9



#85
sec-Butylbenzene
Concen: 0.380 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX035048.D
Acq: 12 Apr 2023 16:12

Tgt Ion:105 Resp: 5487
Ion Ratio Lower Upper
105 100
134 24.4 10.2 30.4

