

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX071524\
 Data File : VX042323.D
 Acq On : 15 Jul 2024 13:37
 Operator : JC/MD
 Sample : P3206-03
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_X/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 16777

Quant Time: Jul 16 05:39:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 21 23:51:58 2024
 Response via : Initial Calibration

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

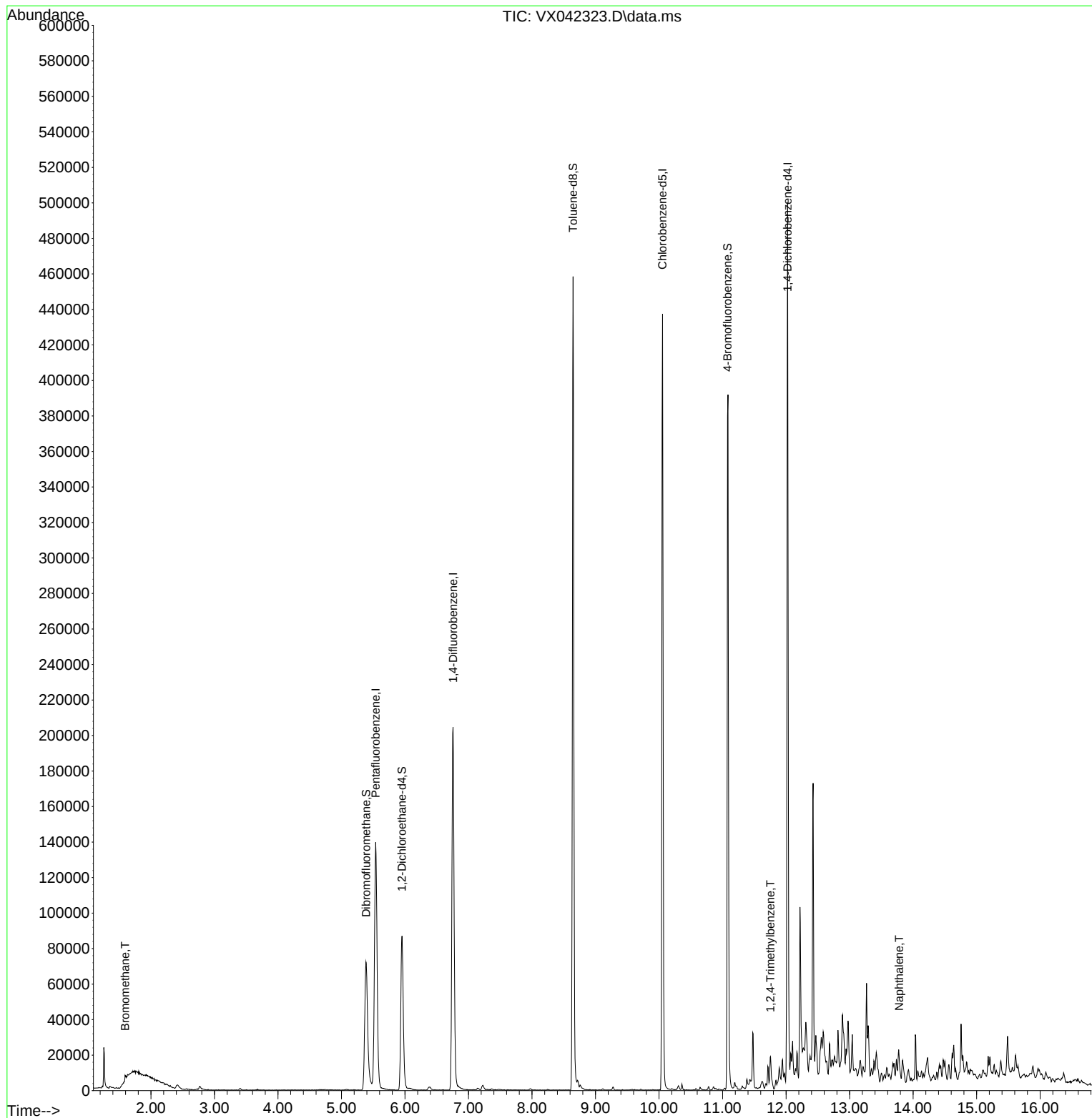
Internal Standards						
1) Pentafluorobenzene	5.537	168	154622	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	6.757	114	237818	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	223606	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	117364	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	84626	47.463	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.920%
35) Dibromofluoromethane	5.385	113	74266	44.011	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	88.020%
50) Toluene-d8	8.646	98	285096	48.092	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.180%
62) 4-Bromofluorobenzene	11.079	95	106840	48.892	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.780%
Target Compounds						
					Qvalue	
5) Bromomethane	1.593	94	827	1.131	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	7313	1.226	ug/l	95
95) Naphthalene	13.780	128	8681	1.764	ug/l	95

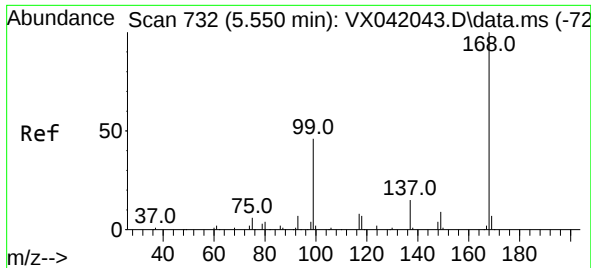
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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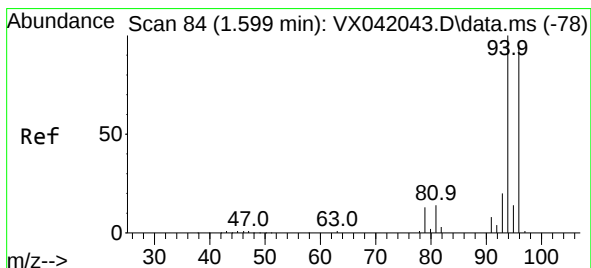
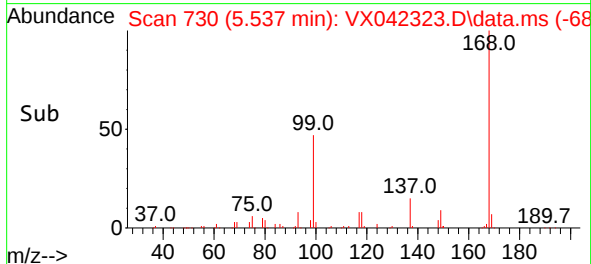
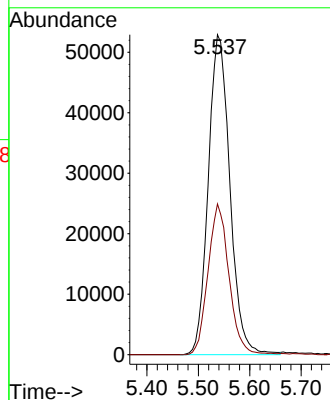
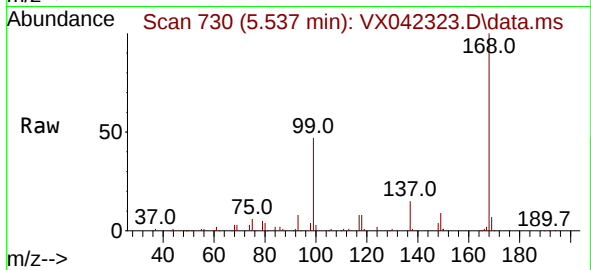




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.537 min Scan# 71
Delta R.T. -0.013 min
Lab File: VX042323.D
Acq: 15 Jul 2024 13:37

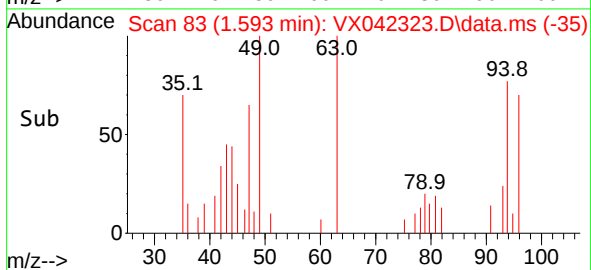
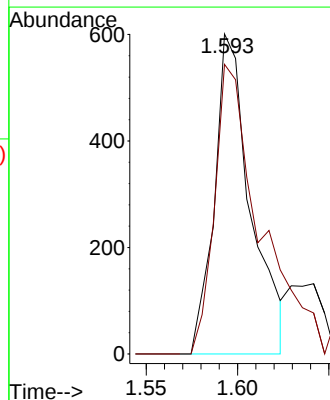
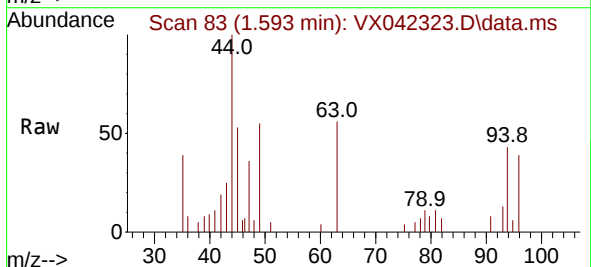
Instrument :
MSVOA_X
ClientSampleId :
16777

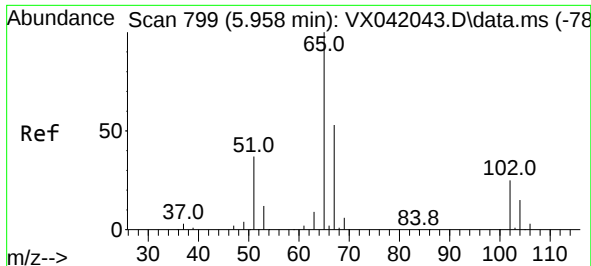
Tgt Ion:168 Resp: 154622
Ion Ratio Lower Upper
168 100
99 47.1 56.6 85.0#



#5
Bromomethane
Concen: 1.131 ug/l
RT: 1.593 min Scan# 83
Delta R.T. -0.006 min
Lab File: VX042323.D
Acq: 15 Jul 2024 13:37

Tgt Ion: 94 Resp: 827
Ion Ratio Lower Upper
94 100
96 90.5 74.6 111.8





#33

1,2-Dichloroethane-d4

Concen: 47.463 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042323.D

Acq: 15 Jul 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

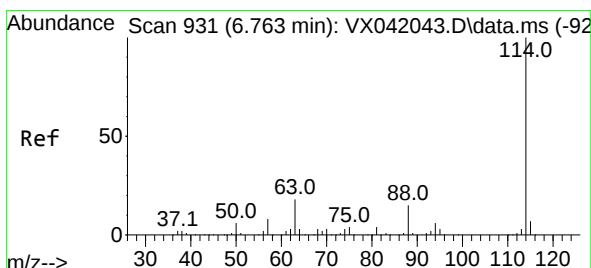
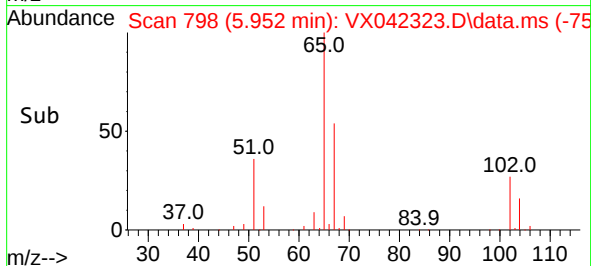
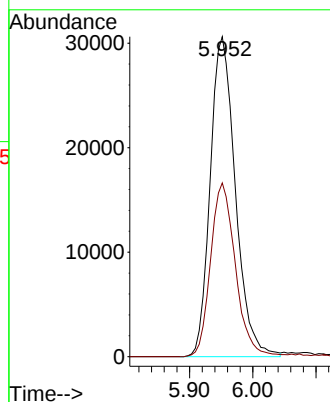
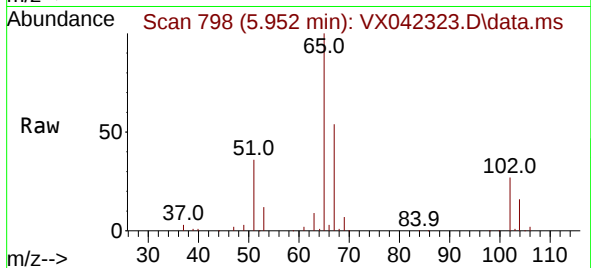
16777

Tgt Ion: 65 Resp: 84626

Ion Ratio Lower Upper

65 100

67 53.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.757 min Scan# 930

Delta R.T. -0.006 min

Lab File: VX042323.D

Acq: 15 Jul 2024 13:37

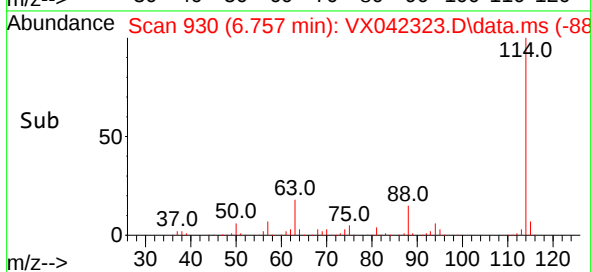
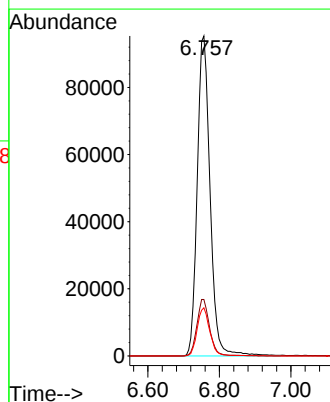
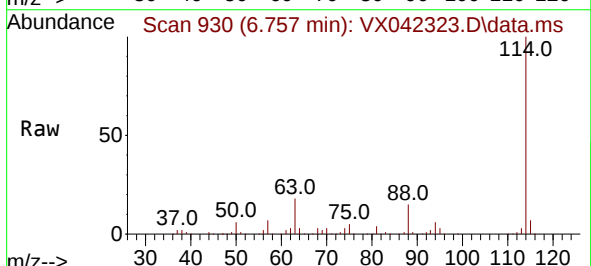
Tgt Ion: 114 Resp: 237818

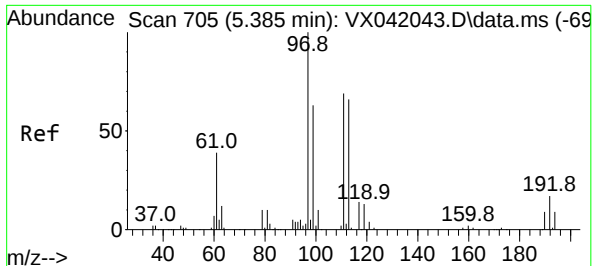
Ion Ratio Lower Upper

114 100

63 17.7 0.0 45.0

88 15.1 0.0 36.6

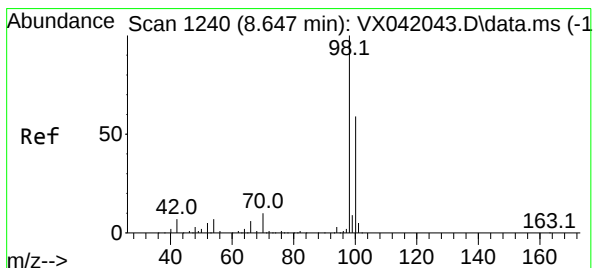
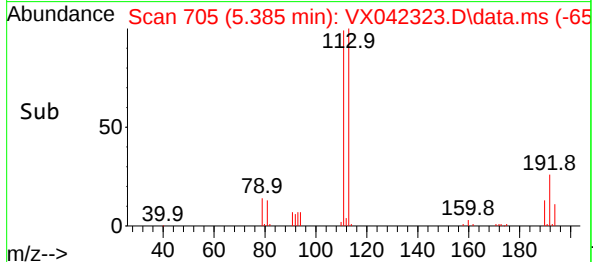
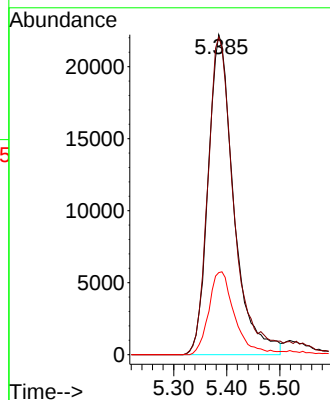
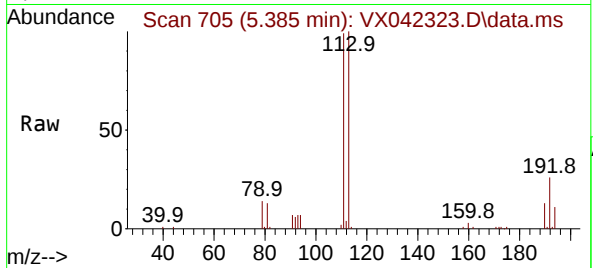




#35
Dibromofluoromethane
Concen: 44.011 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042323.D
Acq: 15 Jul 2024 13:37

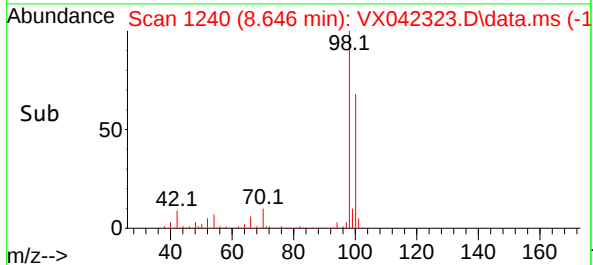
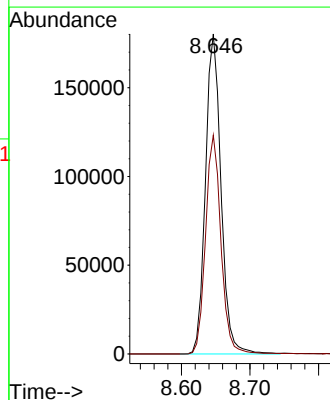
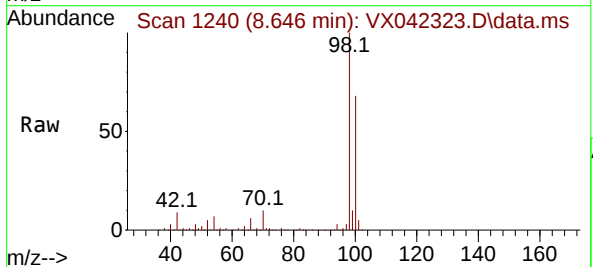
Instrument :
MSVOA_X
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16777

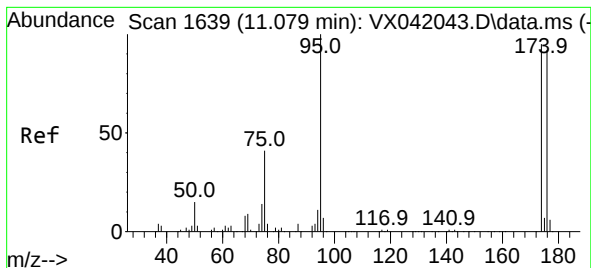
Tgt Ion:113 Resp: 74266
Ion Ratio Lower Upper
113 100
111 101.0 82.9 124.3
192 26.4 13.3 19.9#



#50
Toluene-d8
Concen: 48.092 ug/l
RT: 8.646 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042323.D
Acq: 15 Jul 2024 13:37

Tgt Ion: 98 Resp: 285096
Ion Ratio Lower Upper
98 100
100 67.7 53.1 79.7





#62

4-Bromofluorobenzene

Concen: 48.892 ug/l

RT: 11.079 min Scan# 1

Delta R.T. -0.000 min

Lab File: VX042323.D

Acq: 15 Jul 2024 13:37

Instrument :

MSVOA_X

ClientSampleId :

16777

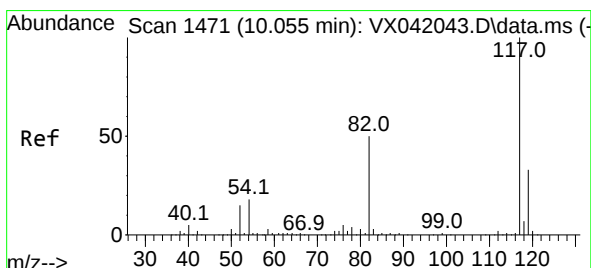
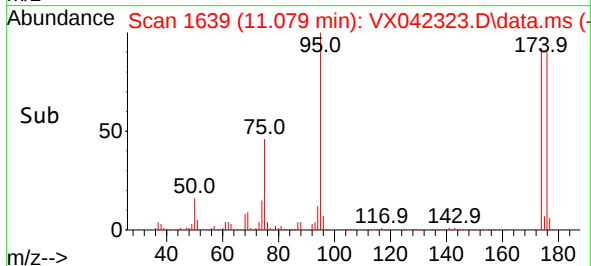
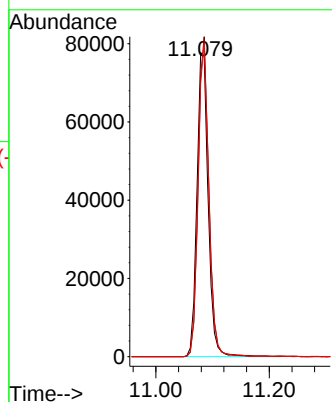
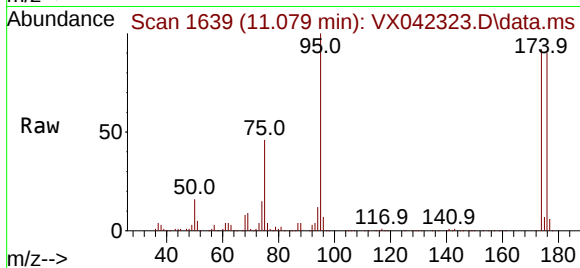
Tgt Ion: 95 Resp: 106840

Ion Ratio Lower Upper

95 100

174 100.6 0.0 135.6

176 98.6 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: VX042323.D

Acq: 15 Jul 2024 13:37

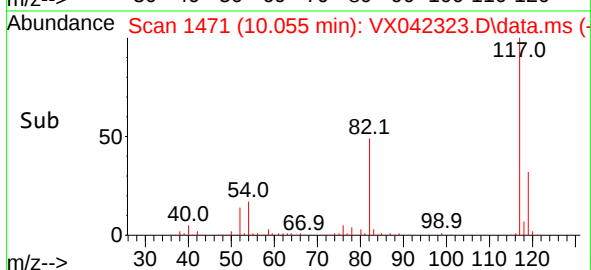
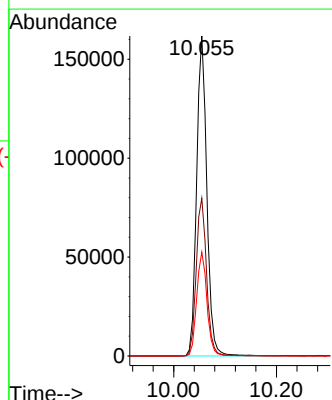
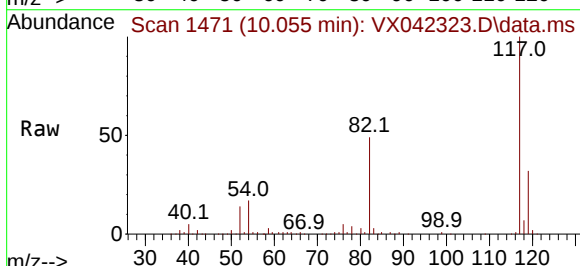
Tgt Ion: 117 Resp: 223606

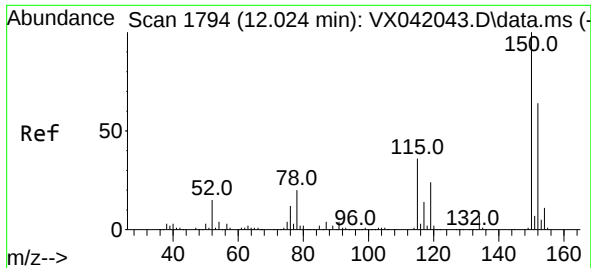
Ion Ratio Lower Upper

117 100

82 49.3 46.2 69.4

119 32.5 25.5 38.3

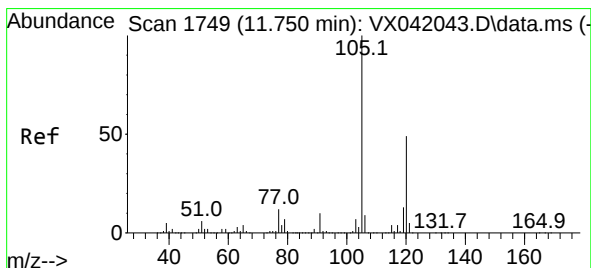
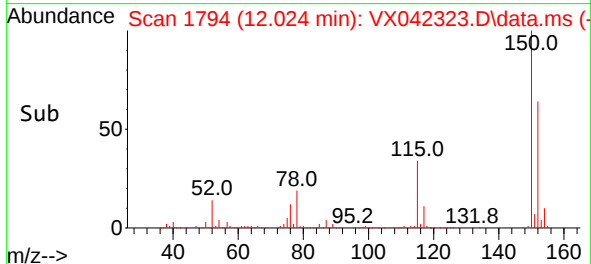
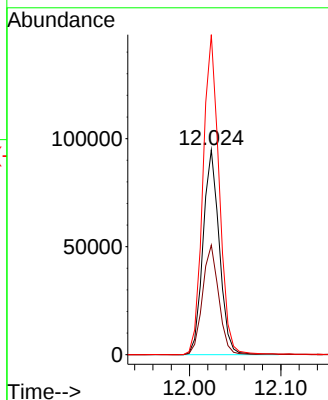
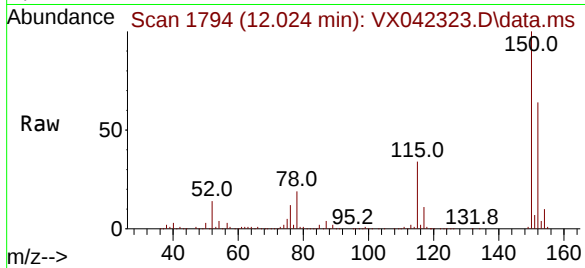




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX042323.D
 Acq: 15 Jul 2024 13:37

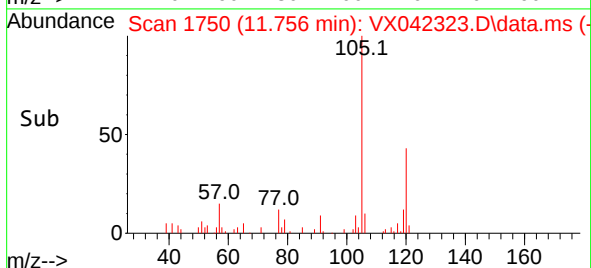
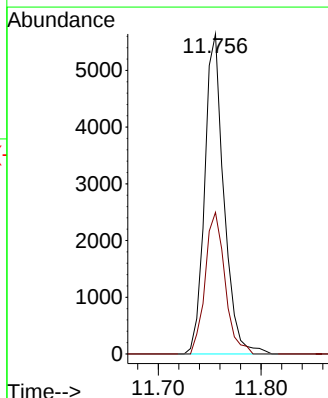
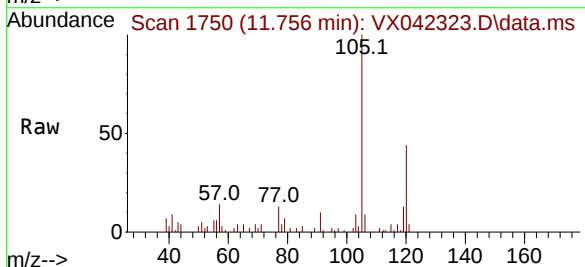
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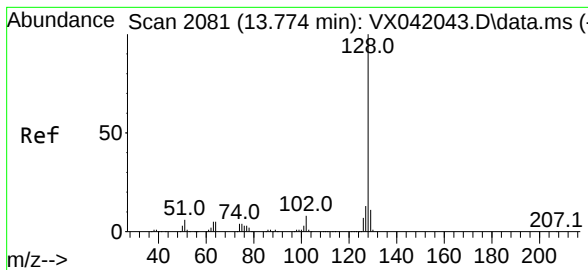
Tgt Ion:152 Resp: 117364
 Ion Ratio Lower Upper
 152 100
 115 53.2 43.3 129.9
 150 156.2 0.0 345.0



#84
 1,2,4-Trimethylbenzene
 Concen: 1.226 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.006 min
 Lab File: VX042323.D
 Acq: 15 Jul 2024 13:37

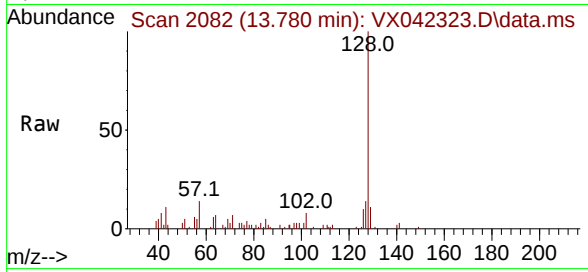
Tgt Ion:105 Resp: 7313
 Ion Ratio Lower Upper
 105 100
 120 45.8 21.2 63.6





#95
 Naphthalene
 Concen: 1.764 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX042323.D
 Acq: 15 Jul 2024 13:37

Instrument :
 MSVOA_X
 ClientSampleId :
 16777



Tgt Ion:	128	Resp:	8681
Ion	Ratio	Lower	Upper
128	100		
127	15.5	10.3	15.5
129	12.3	8.8	13.2

