

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042976.D
 Acq On : 09 Aug 2024 06:49
 Operator : JC/MD
 Sample : P3458-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 45 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-360-375

Quant Time: Aug 09 08:35:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X080724W.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 07 02:55:22 2024
 Response via : Initial Calibration

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

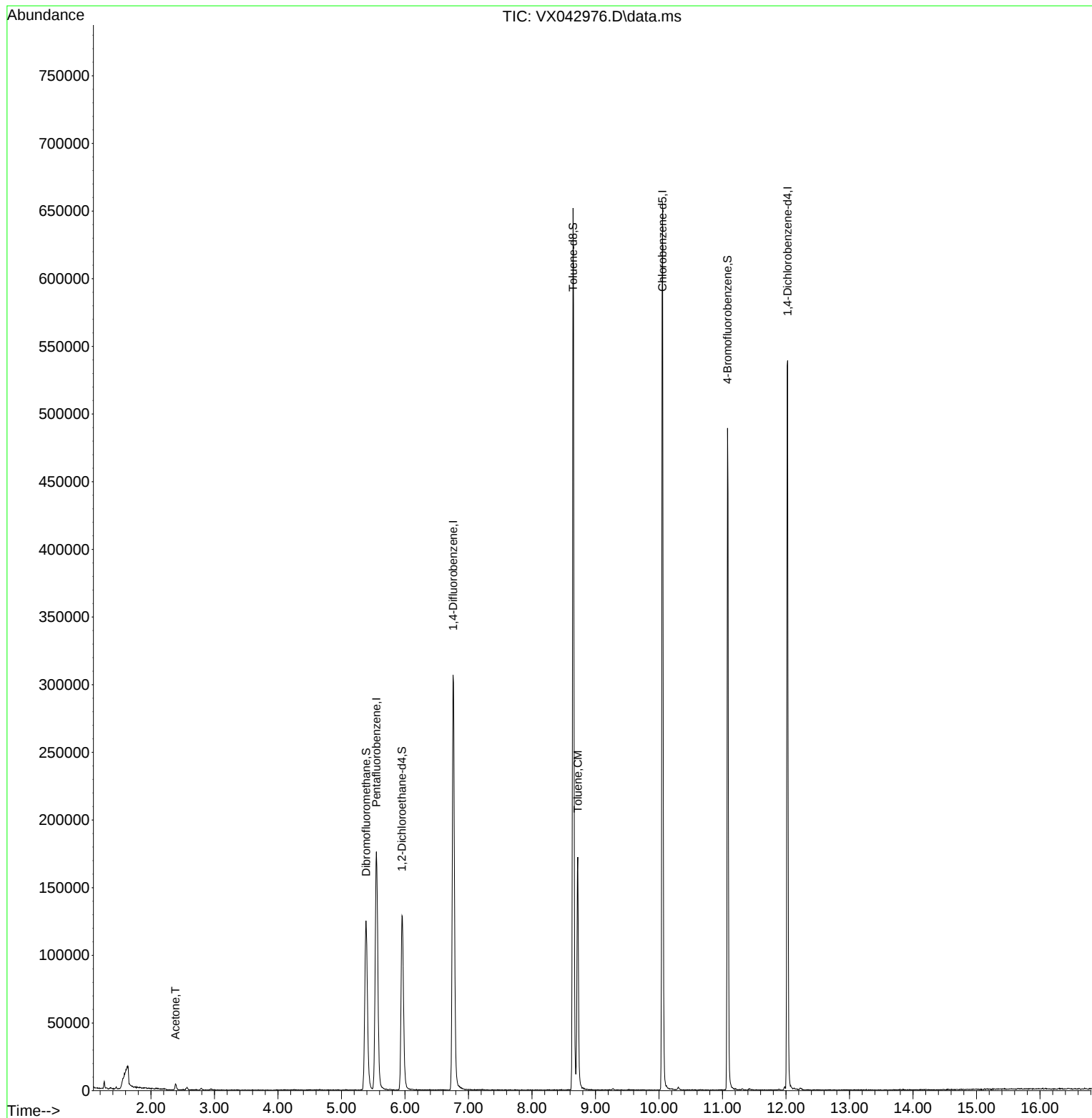
Internal Standards						
1) Pentafluorobenzene	5.550	168	167894	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.757	114	317512	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	303213	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	115867	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	130997	56.835	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	113.680%
35) Dibromofluoromethane	5.385	113	113889	54.859	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	109.720%
50) Toluene-d8	8.647	98	390489	52.983	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	105.960%
62) 4-Bromofluorobenzene	11.079	95	132091	49.876	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.760%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	4672	4.673	ug/l	# 89
52) Toluene	8.720	92	66387	12.529	ug/l	93

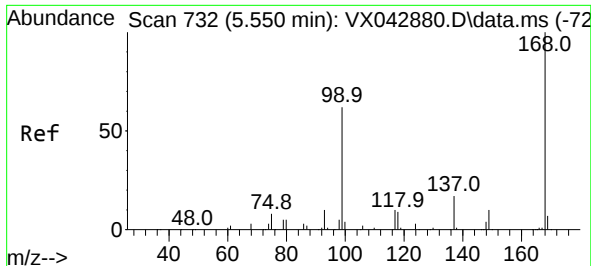
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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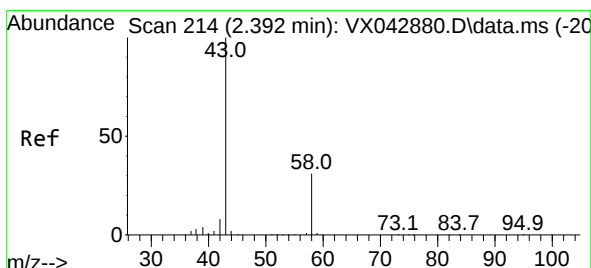
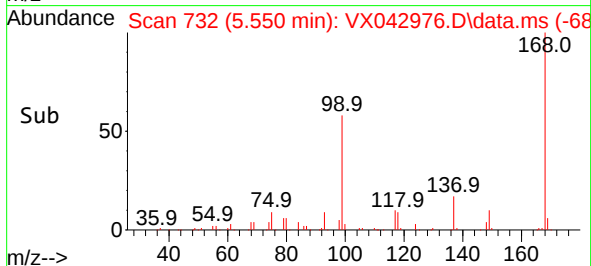
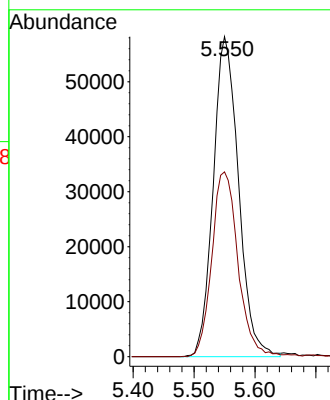
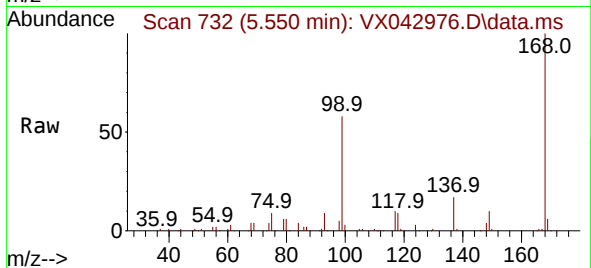




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

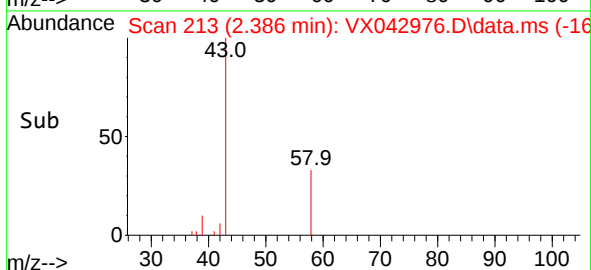
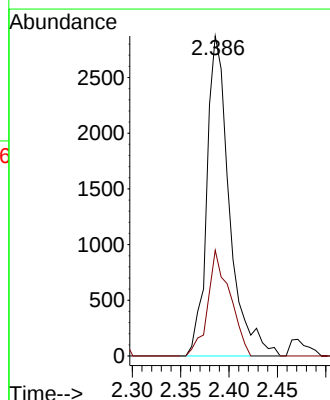
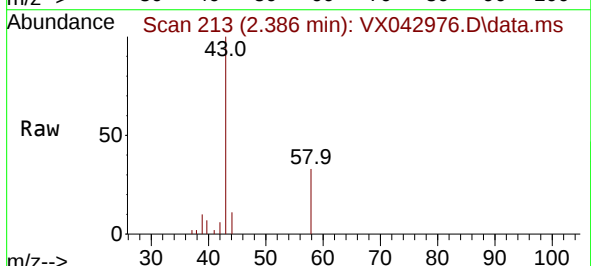
Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

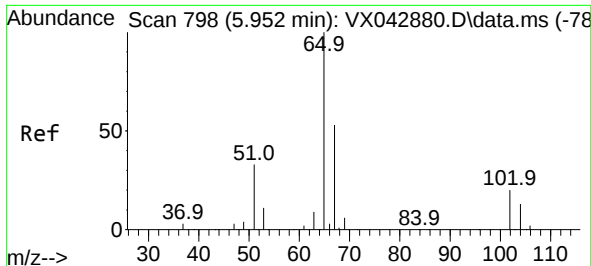
Tgt Ion:168 Resp: 167894
Ion Ratio Lower Upper
168 100
99 57.8 56.6 85.0



#16
Acetone
Concen: 4.673 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 43 Resp: 4672
Ion Ratio Lower Upper
43 100
58 33.0 21.9 32.9#





#33

1,2-Dichloroethane-d4

Concen: 56.835 ug/l

RT: 5.952 min Scan# 798

Delta R.T. -0.000 min

Lab File: VX042976.D

Acq: 09 Aug 2024 06:49

Instrument :

MSVOA_X

ClientSampleId :

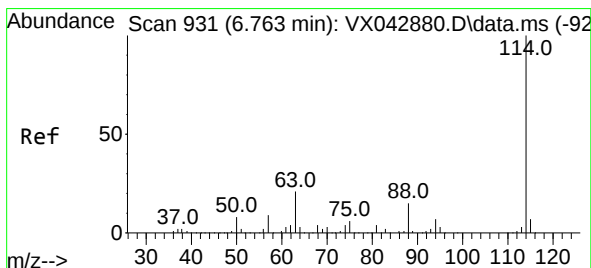
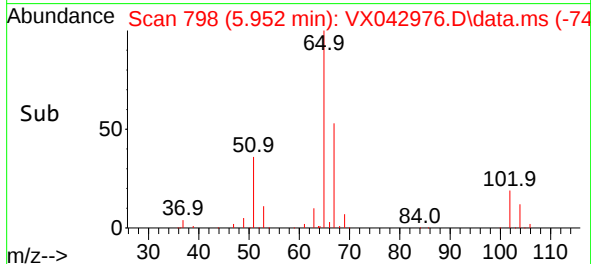
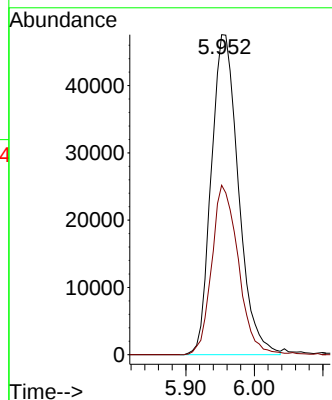
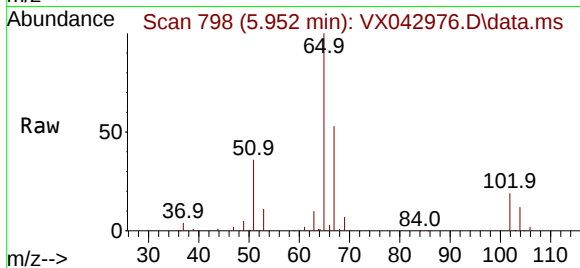
MLS-15-360-375

Tgt Ion: 65 Resp: 130997

Ion Ratio Lower Upper

65 100

67 51.8 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: VX042976.D

Acq: 09 Aug 2024 06:49

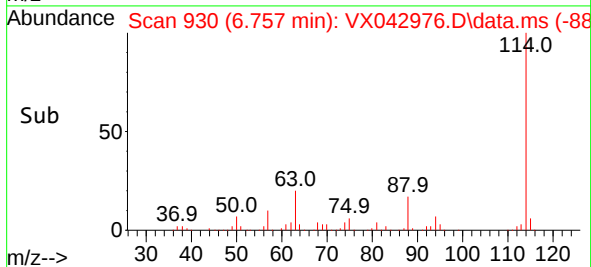
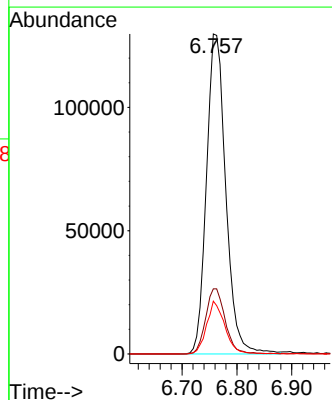
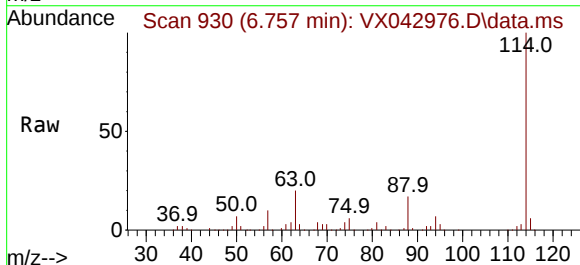
Tgt Ion: 114 Resp: 317512

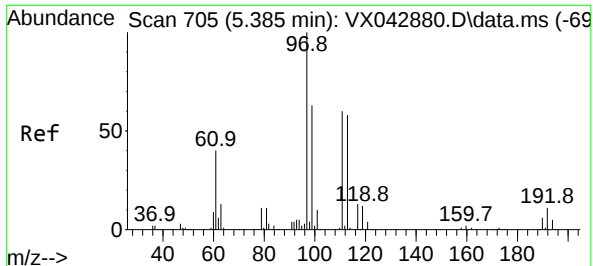
Ion Ratio Lower Upper

114 100

63 20.3 0.0 45.0

88 16.5 0.0 36.6

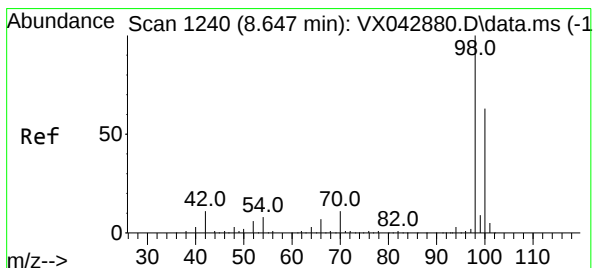
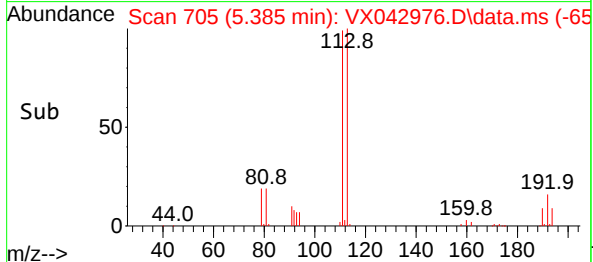
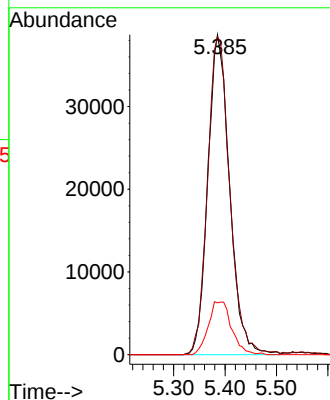
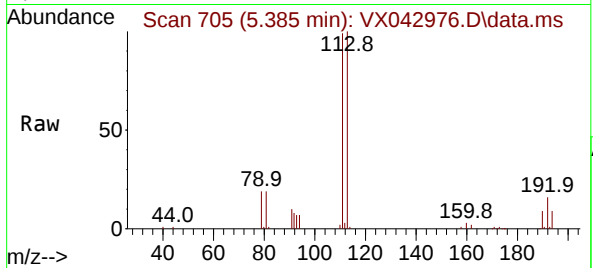




#35
Dibromofluoromethane
Concen: 54.859 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

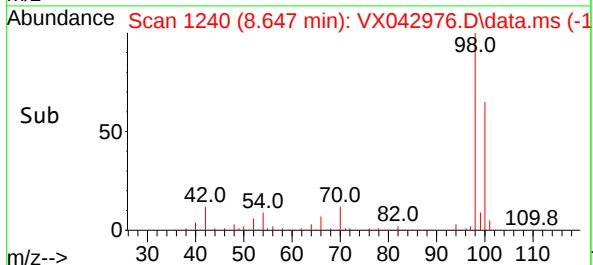
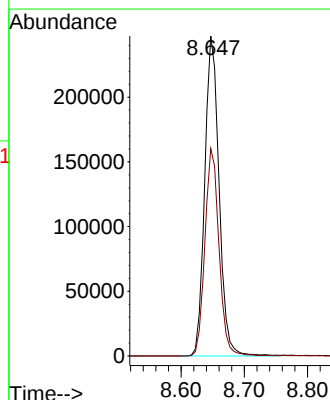
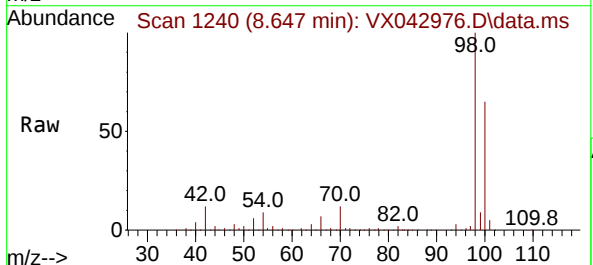
Instrument :
MSVOA_X
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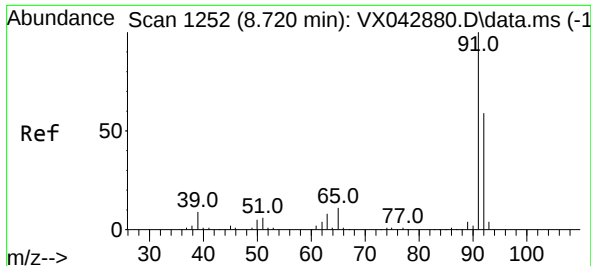
Tgt Ion:113 Resp: 113889
Ion Ratio Lower Upper
113 100
111 101.5 82.9 124.3
192 17.8 13.3 19.9



#50
Toluene-d8
Concen: 52.983 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 98 Resp: 390489
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7

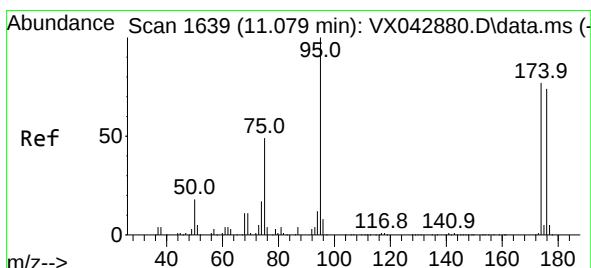
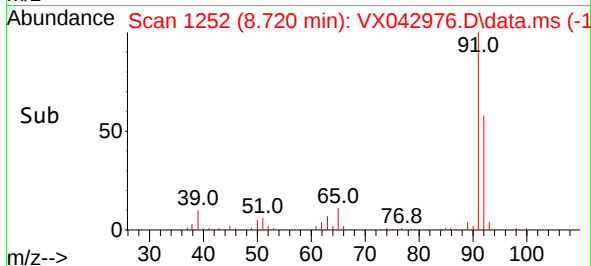
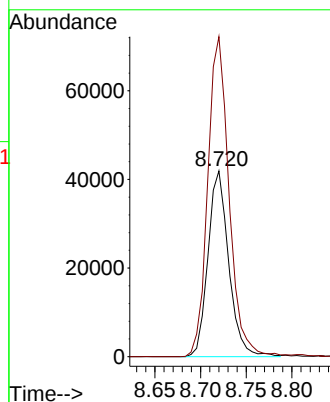
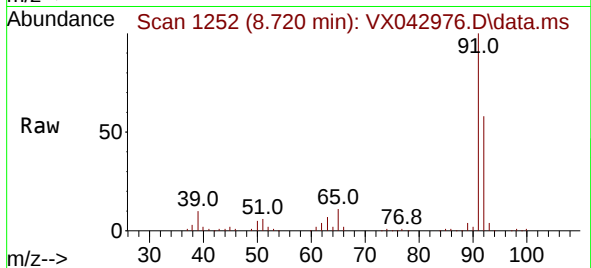




#52
Toluene
Concen: 12.529 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

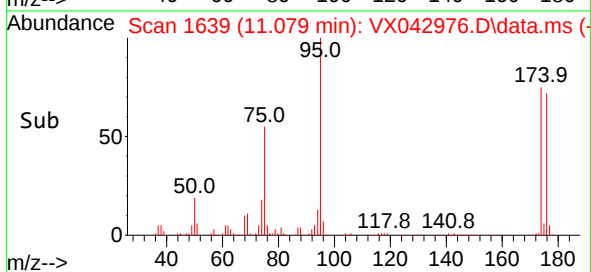
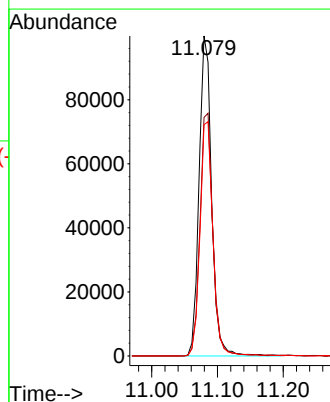
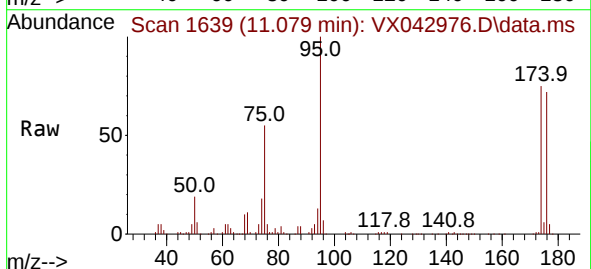
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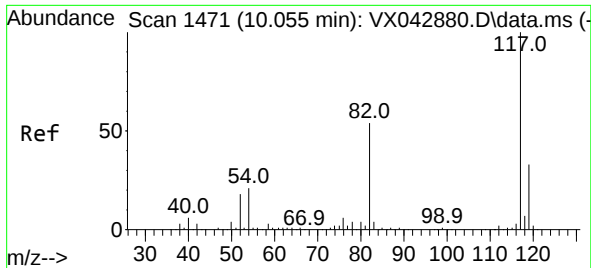
Tgt Ion: 92 Resp: 66387
Ion Ratio Lower Upper
92 100
91 176.8 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.876 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion: 95 Resp: 132091
Ion Ratio Lower Upper
95 100
174 77.9 0.0 135.6
176 75.5 0.0 131.0

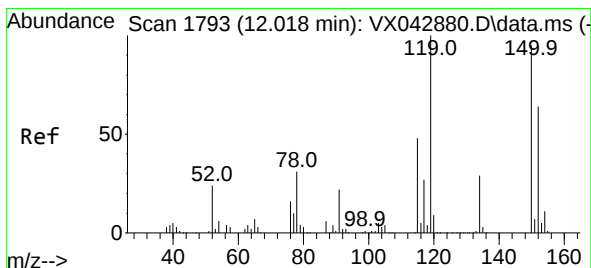
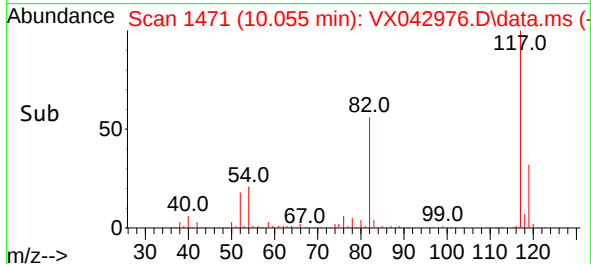
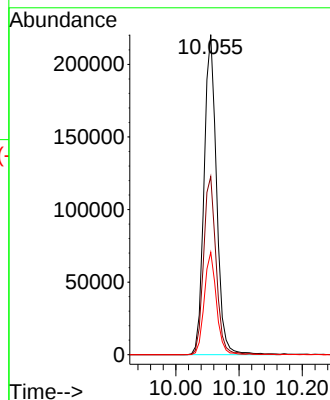
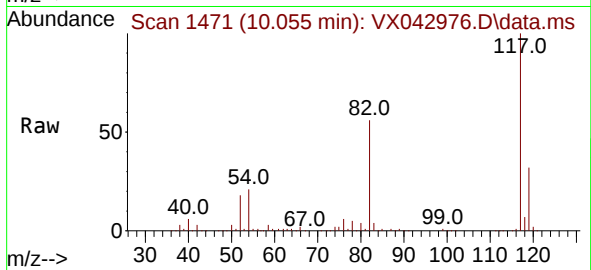




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX042976.D
Acq: 09 Aug 2024 06:49

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-360-375

Tgt Ion:117 Resp: 303213
Ion Ratio Lower Upper
117 100
82 55.6 46.2 69.4
119 32.0 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: VX042976.D
Acq: 09 Aug 2024 06:49

Tgt Ion:152 Resp: 115867
Ion Ratio Lower Upper
152 100
115 60.8 43.3 129.9
150 159.2 0.0 345.0

