

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX080824\
 Data File : VX042977.D
 Acq On : 09 Aug 2024 07:12
 Operator : JC/MD
 Sample : P3458-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-257-272

Quant Time: Aug 09 08:36:18 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)

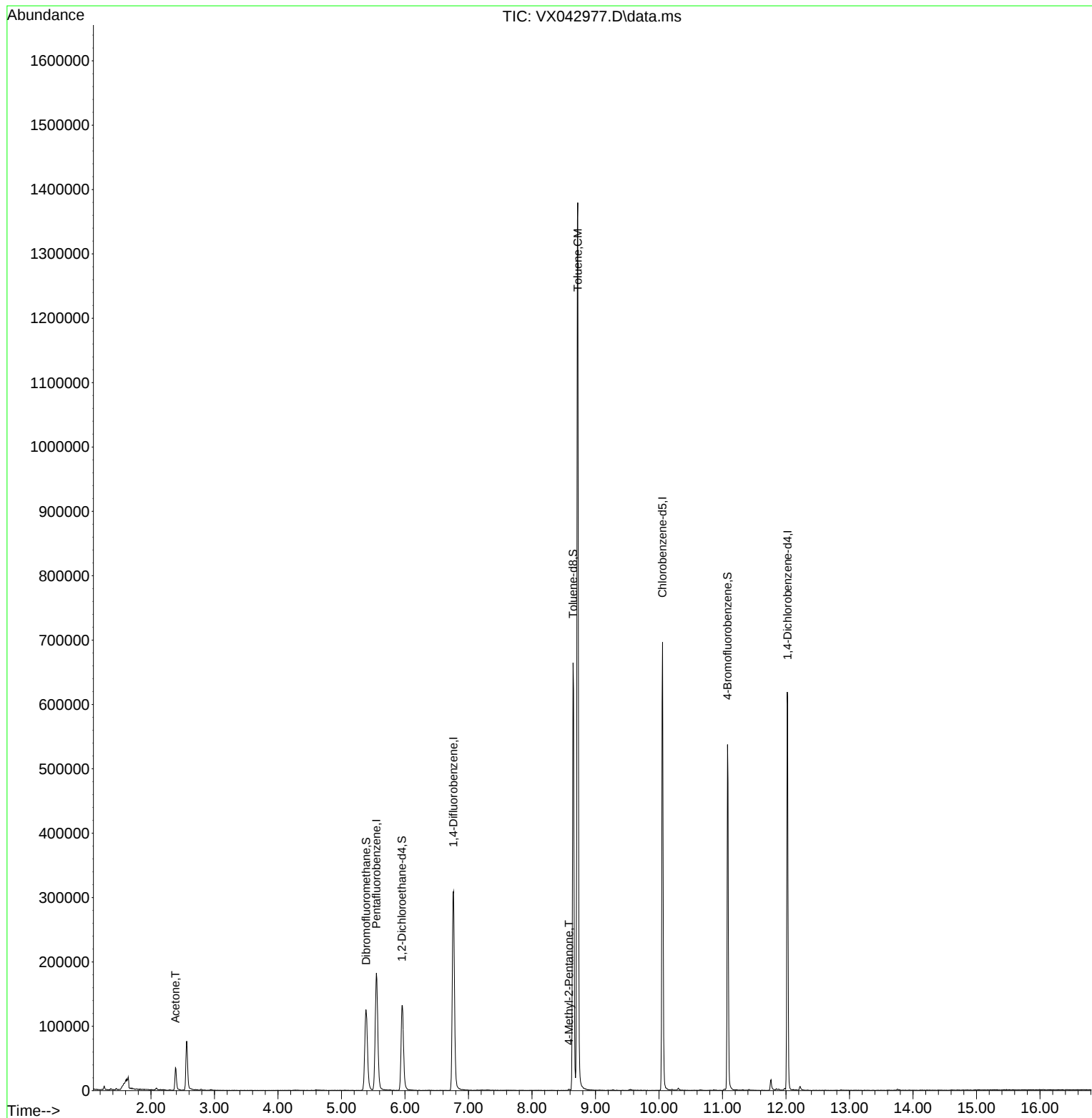
Internal Standards						
1) Pentafluorobenzene	5.550	168	170266	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	325993	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	316860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	132953	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	134078	57.362	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	114.720%
35) Dibromofluoromethane	5.385	113	113407	53.205	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	106.420%
50) Toluene-d8	8.647	98	409607	54.131	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	108.260%
62) 4-Bromofluorobenzene	11.079	95	143047	52.608	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	105.220%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	40102	39.555	ug/l	97
51) 4-Methyl-2-Pentanone	8.580	43	1168	0.326	ug/l #	85
52) Toluene	8.720	92	526570	96.789	ug/l	93

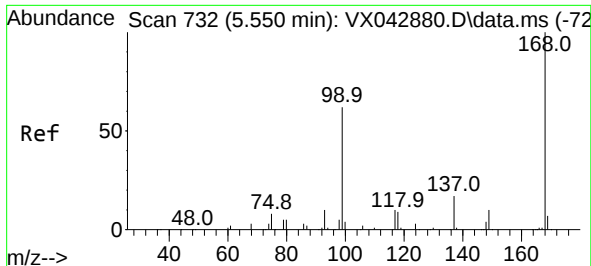
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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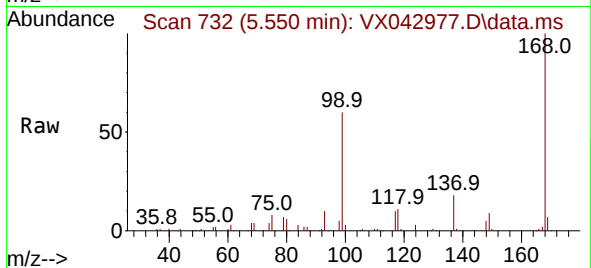
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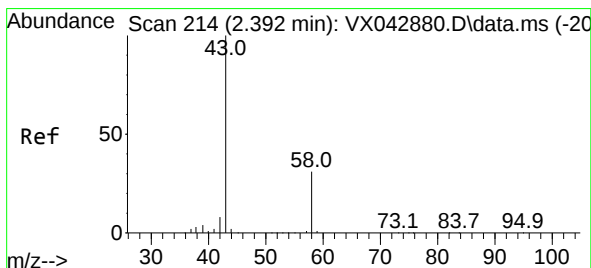
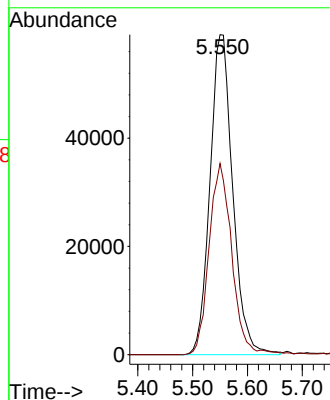
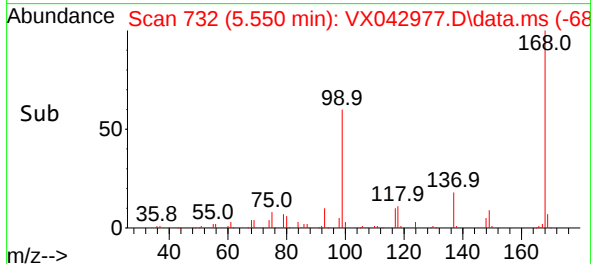


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

Instrument :
MSVOA_X
ClientSampleId :
MLS-15-257-272

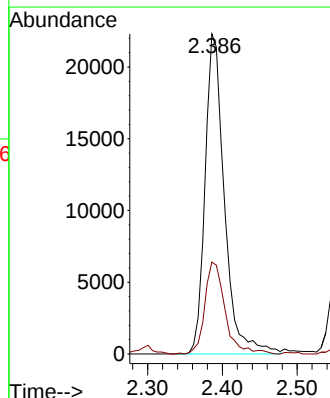
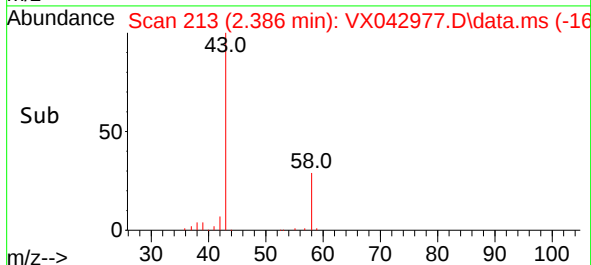
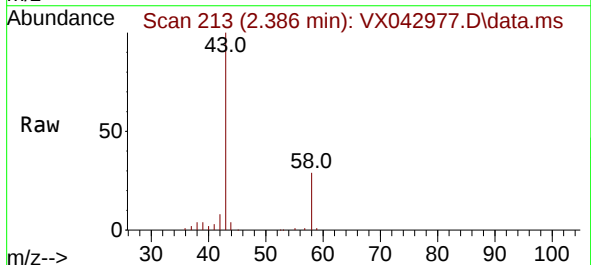


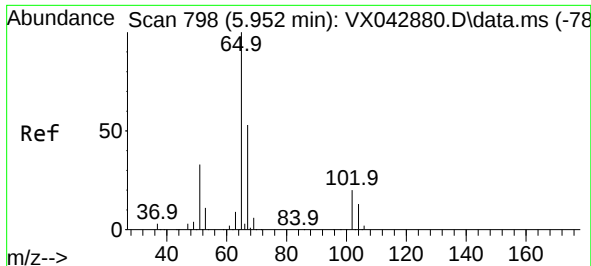
Tgt Ion:168 Resp: 170266
Ion Ratio Lower Upper
168 100
99 59.8 56.6 85.0



#16
Acetone
Concen: 39.555 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

Tgt Ion: 43 Resp: 40102
Ion Ratio Lower Upper
43 100
58 28.7 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 57.362 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX042977.D

Acq: 09 Aug 2024 07:12

Instrument :

MSVOA_X

ClientSampleId :

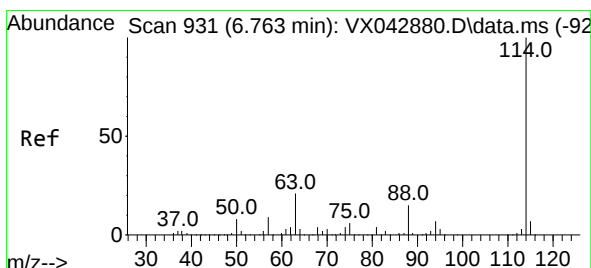
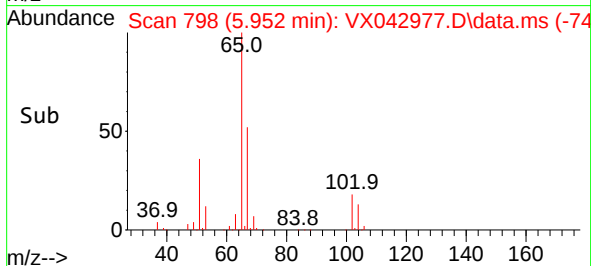
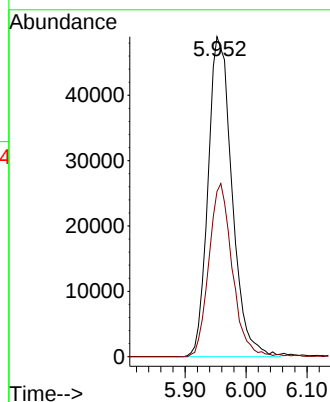
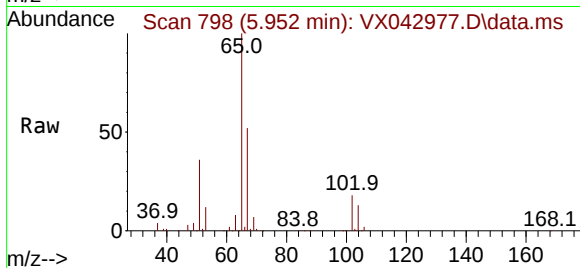
MLS-15-257-272

Tgt Ion: 65 Resp: 134078

Ion Ratio Lower Upper

65 100

67 52.5 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX042977.D

Acq: 09 Aug 2024 07:12

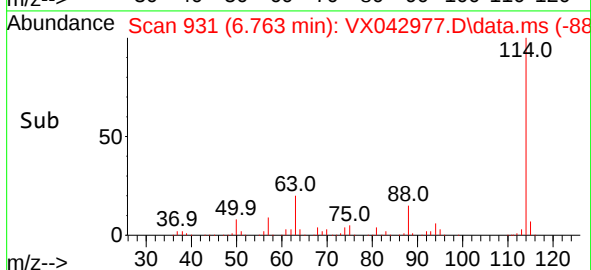
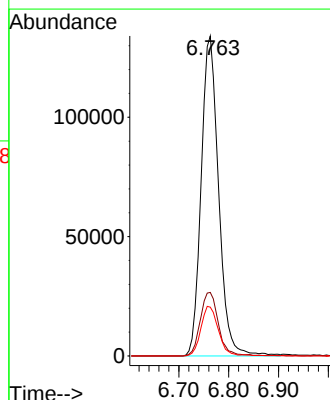
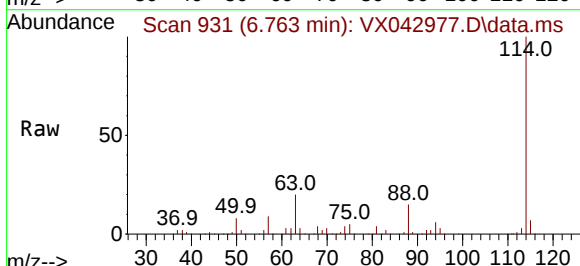
Tgt Ion: 114 Resp: 325993

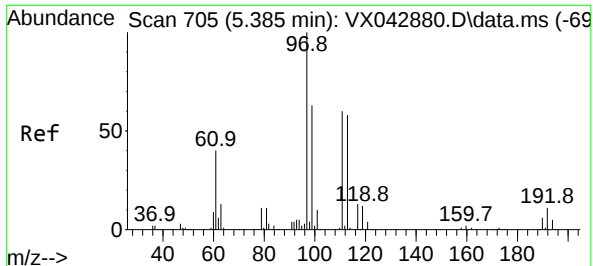
Ion Ratio Lower Upper

114 100

63 19.8 0.0 45.0

88 15.3 0.0 36.6





#35

Dibromofluoromethane

Concen: 53.205 ug/l

RT: 5.385 min Scan# 705

Delta R.T. 0.000 min

Lab File: VX042977.D

Acq: 09 Aug 2024 07:12

Instrument :

MSVOA_X

ClientSampleId :

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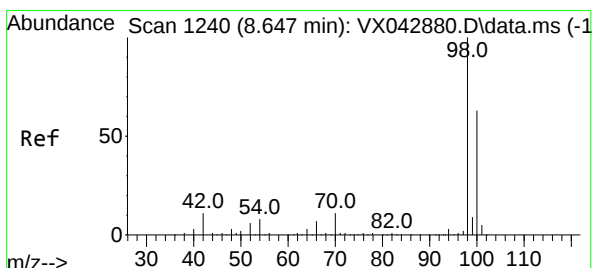
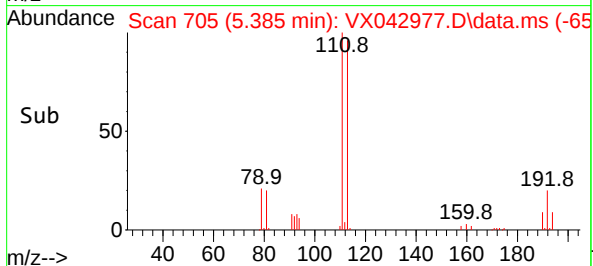
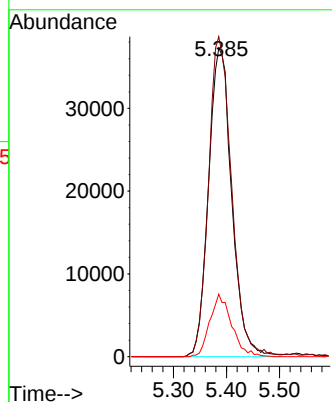
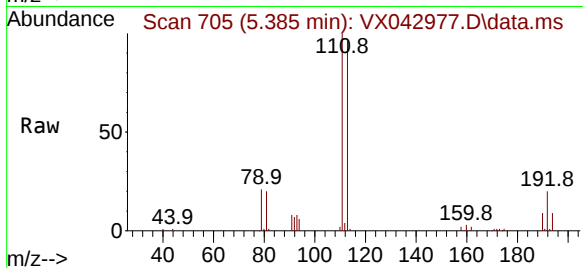
Tgt Ion:113 Resp: 113407

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 19.0 13.3 19.9



#50

Toluene-d8

Concen: 54.131 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX042977.D

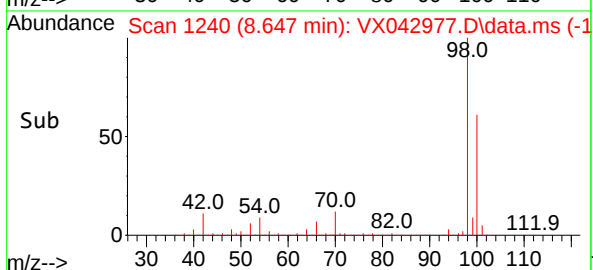
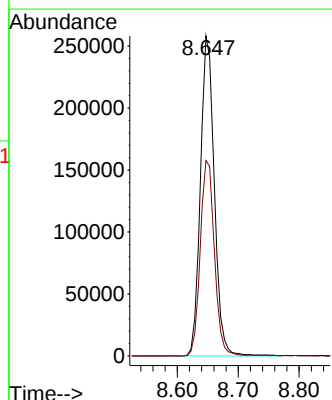
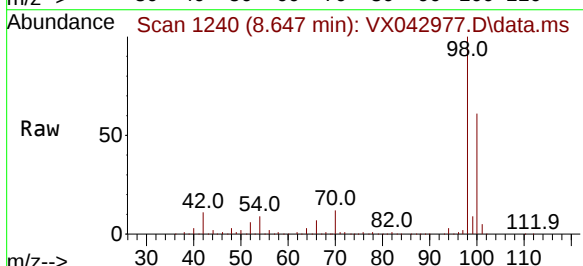
Acq: 09 Aug 2024 07:12

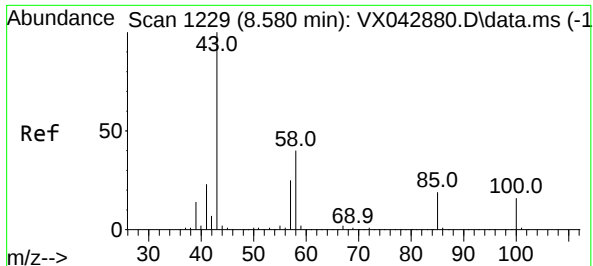
Tgt Ion: 98 Resp: 409607

Ion Ratio Lower Upper

98 100

100 62.0 53.1 79.7

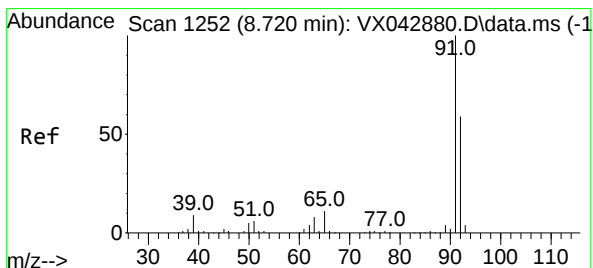
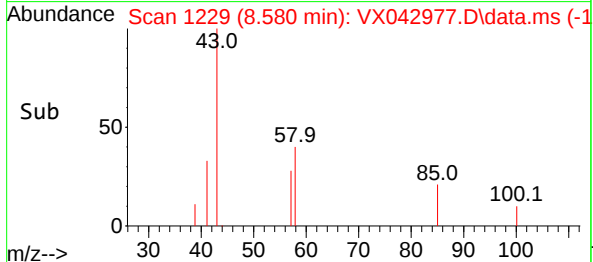
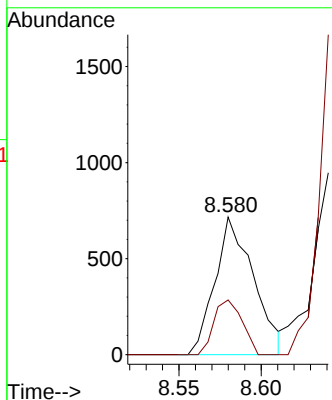
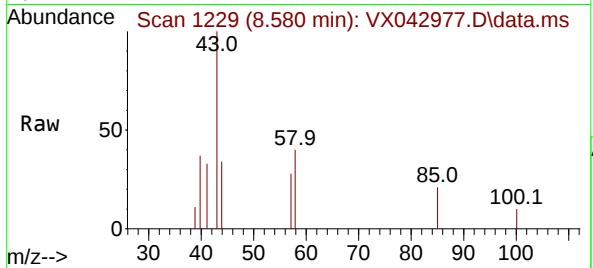




#51
4-Methyl-2-Pentanone
Concen: 0.326 ug/l
RT: 8.580 min Scan# 1168
Delta R.T. 0.000 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

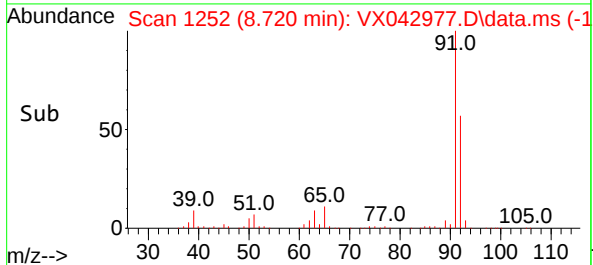
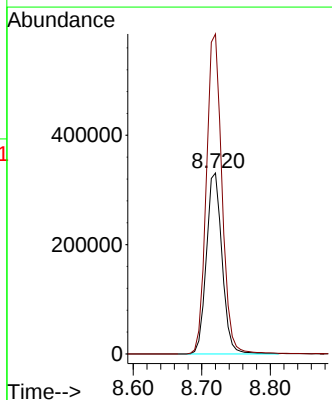
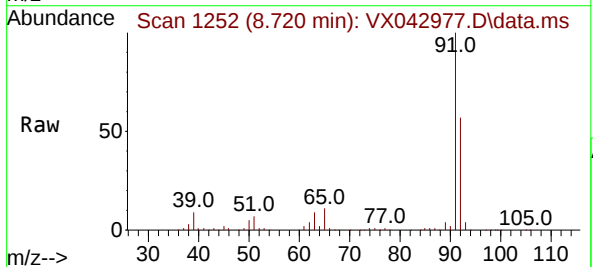
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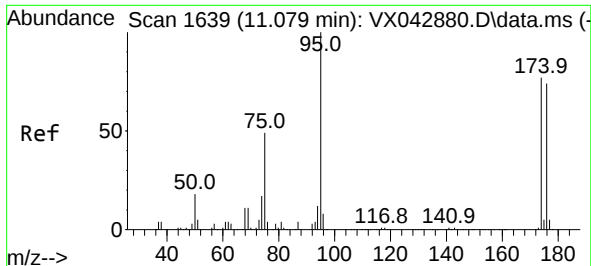
Tgt Ion: 43 Resp: 1168
Ion Ratio Lower Upper
43 100
58 29.2 30.4 45.6#



#52
Toluene
Concen: 96.789 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

Tgt Ion: 92 Resp: 526570
Ion Ratio Lower Upper
92 100
91 176.7 134.2 201.2

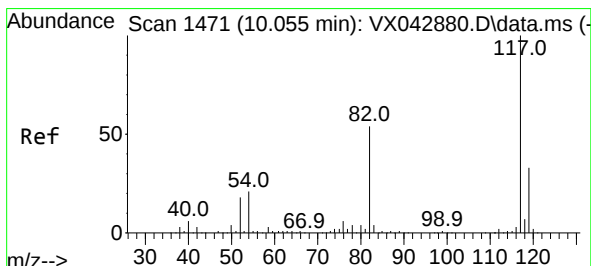
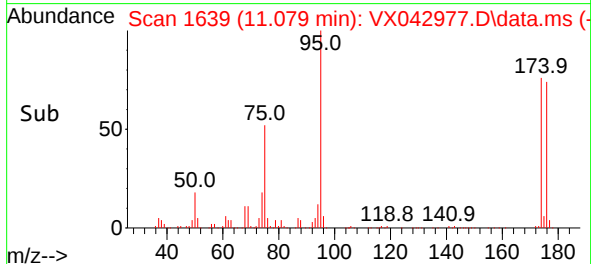
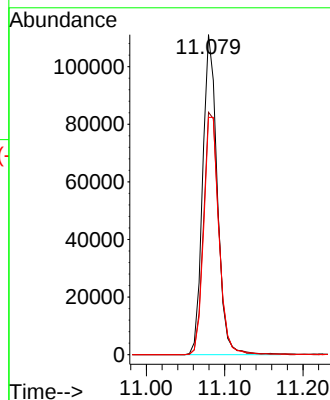
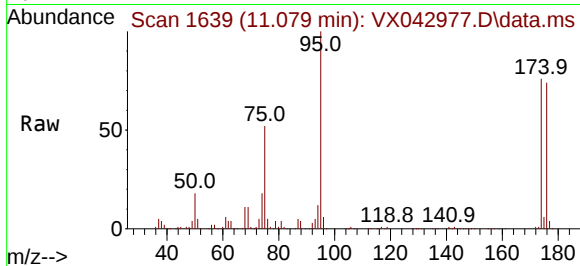




#62
4-Bromofluorobenzene
Concen: 52.608 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

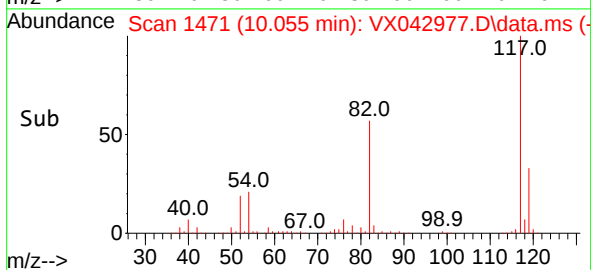
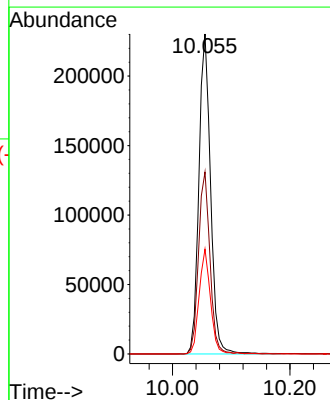
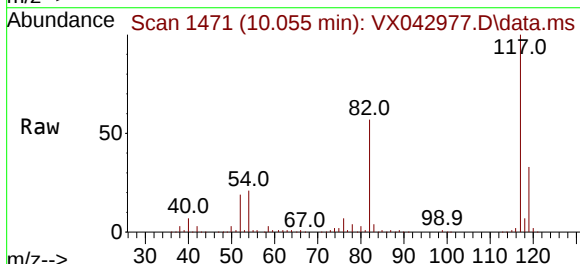
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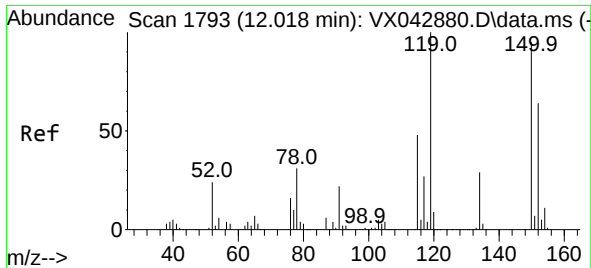
Tgt Ion: 95 Resp: 143047
Ion Ratio Lower Upper
95 100
174 79.9 0.0 135.6
176 77.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042977.D
Acq: 09 Aug 2024 07:12

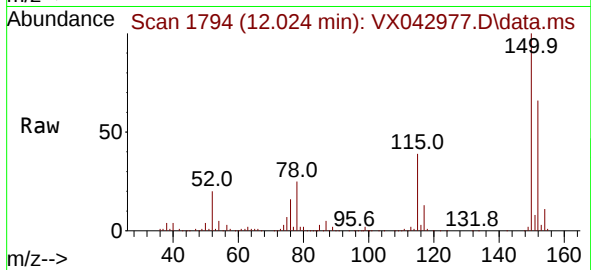
Tgt Ion: 117 Resp: 316860
Ion Ratio Lower Upper
117 100
82 56.8 46.2 69.4
119 32.8 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX042977.D
 Acq: 09 Aug 2024 07:12

Instrument :
 MSVOA_X
 ClientSampleId :
 MLS-15-257-272



Tgt Ion:152	Resp:	132953	
Ion	Ratio	Lower	Upper
152	100		
115	59.9	43.3	129.9
150	154.6	0.0	345.0

