

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070124\
 Data File : VX042117.D
 Acq On : 01 Jul 2024 16:18
 Operator : JC/MD
 Sample : P3092-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW1A-20240626

Quant Time: Jul 02 02:07:47 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)

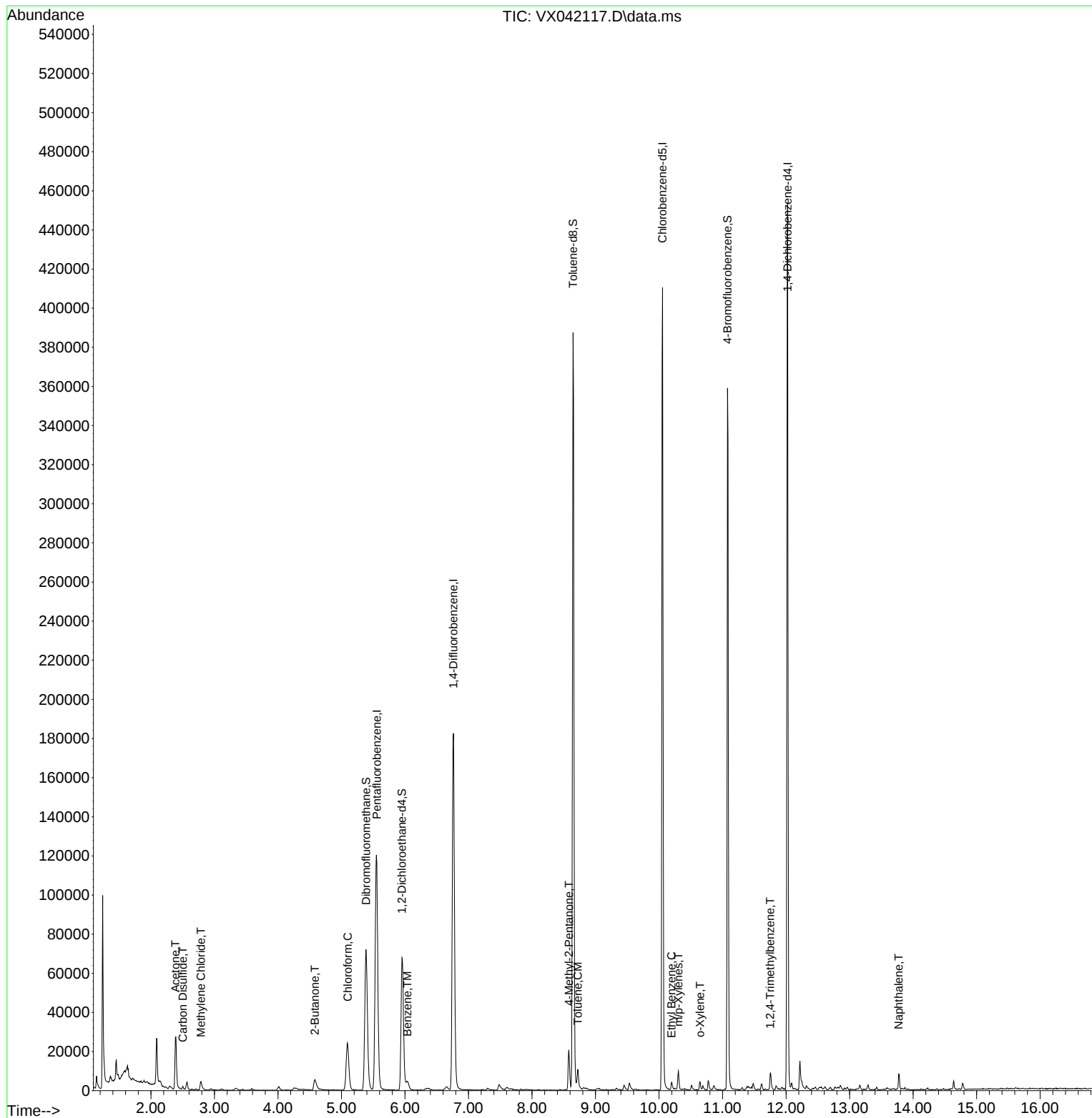
Internal Standards						
1) Pentafluorobenzene	5.556	168	136159	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	209085	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	206775	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	108540	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	66107	42.104	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	84.200%
35) Dibromofluoromethane	5.385	113	64255	43.311	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	86.620%
50) Toluene-d8	8.647	98	240842	46.210	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	92.420%
62) 4-Bromofluorobenzene	11.079	95	95222	49.563	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	99.120%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	32006	46.424	ug/l	92
17) Carbon Disulfide	2.501	76	1816	0.758	ug/l	# 83
20) Methylene Chloride	2.788	84	2613	1.731	ug/l	# 81
25) 2-Butanone	4.580	43	12140	11.319	ug/l	91
30) Chloroform	5.099	83	29783	12.967	ug/l	98
40) Benzene	6.037	78	5630	1.060	ug/l	100
51) 4-Methyl-2-Pentanone	8.580	43	13242	6.103	ug/l	97
52) Toluene	8.720	92	3990	1.179	ug/l	98
67) Ethyl Benzene	10.195	91	2830	0.420	ug/l	93
68) m/p-Xylenes	10.305	106	2534	0.931	ug/l	91
69) o-Xylene	10.646	106	1084	0.402	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	4756	0.862	ug/l	95
95) Naphthalene	13.774	128	6175	1.530	ug/l	98

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

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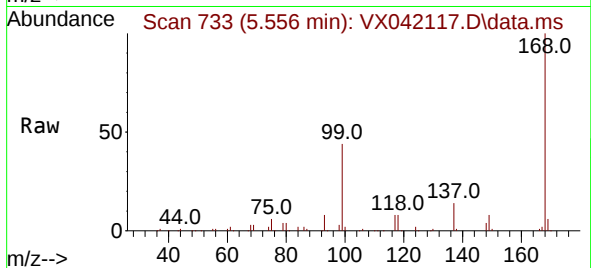
Quant Time: Jul 02 02:07:47 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X061824W.M
Quant Title : SW846 8260
QLast Update : Fri Jun 21 23:51:58 2024
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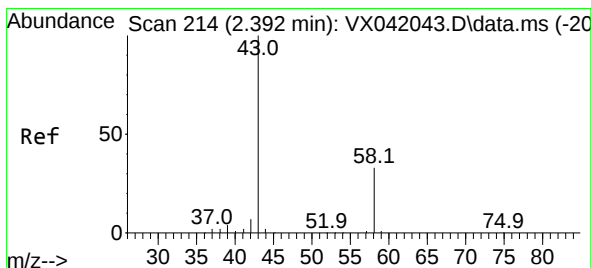
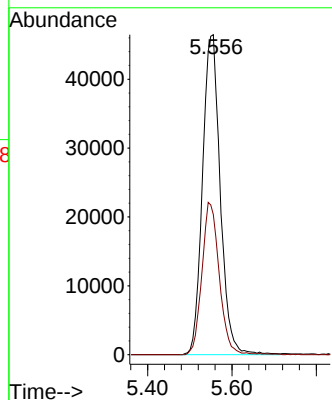
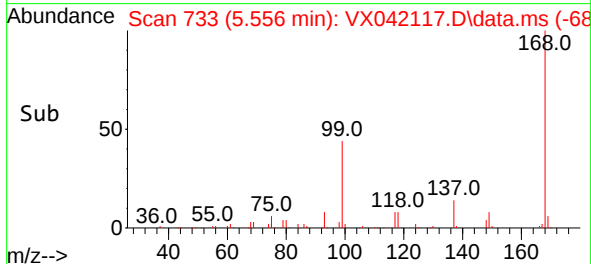


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

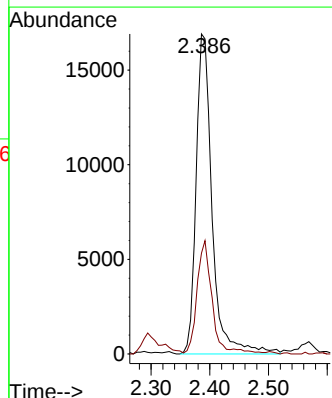
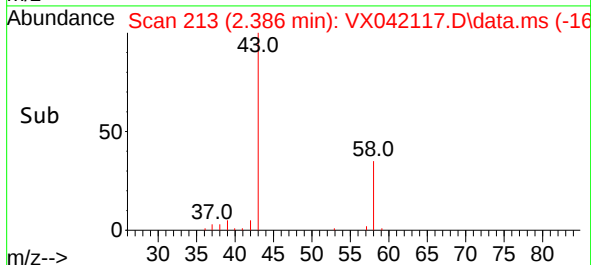
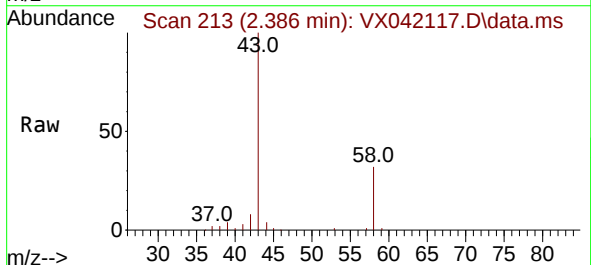


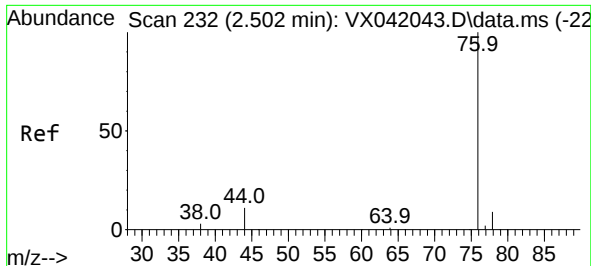
Tgt Ion:168 Resp: 136159
Ion Ratio Lower Upper
168 100
99 43.8 56.6 85.0#



#16
Acetone
Concen: 46.424 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 43 Resp: 32006
Ion Ratio Lower Upper
43 100
58 31.5 21.9 32.9





#17

Carbon Disulfide

Concen: 0.758 ug/l

RT: 2.501 min Scan# 21

Delta R.T. 0.000 min

Lab File: VX042117.D

Acq: 01 Jul 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

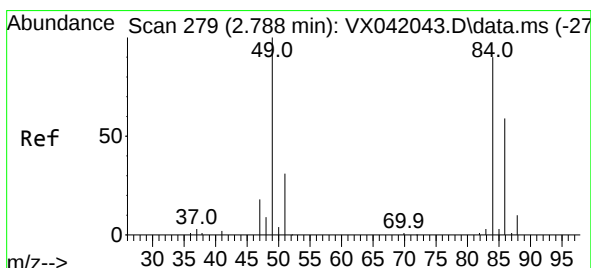
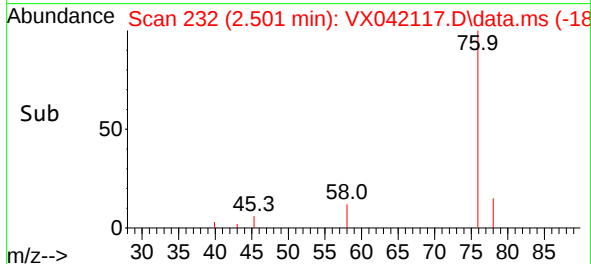
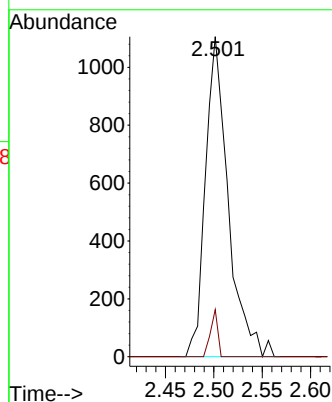
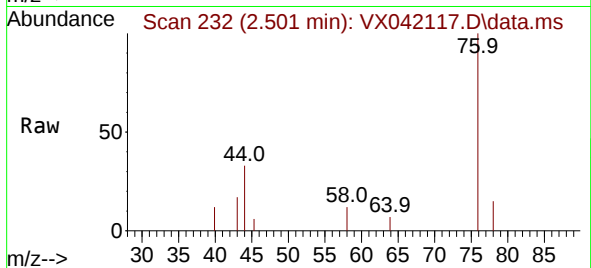
MW1A-20240626

Tgt Ion: 76 Resp: 1816

Ion Ratio Lower Upper

76 100

78 14.7 7.0 10.6#



#20

Methylene Chloride

Concen: 1.731 ug/l

RT: 2.788 min Scan# 279

Delta R.T. 0.006 min

Lab File: VX042117.D

Acq: 01 Jul 2024 16:18

Tgt Ion: 84 Resp: 2613

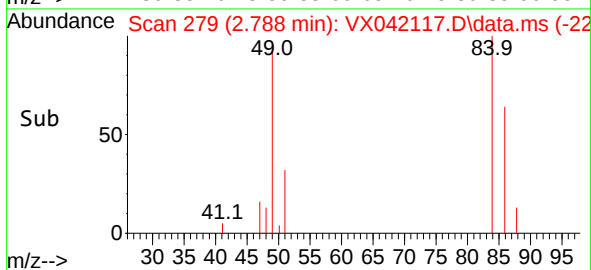
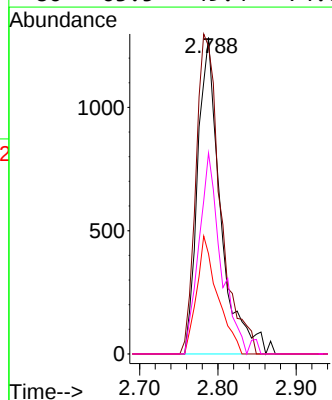
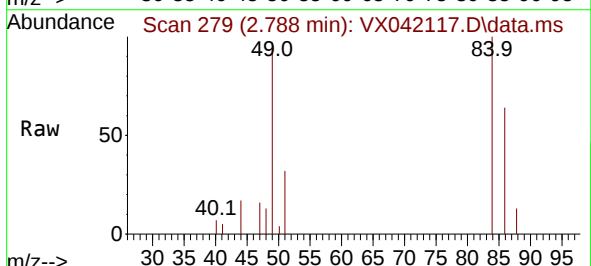
Ion Ratio Lower Upper

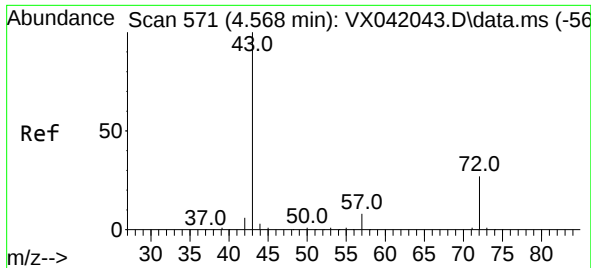
84 100

49 97.3 103.6 155.4#

51 31.6 33.8 50.6#

86 63.5 49.4 74.0

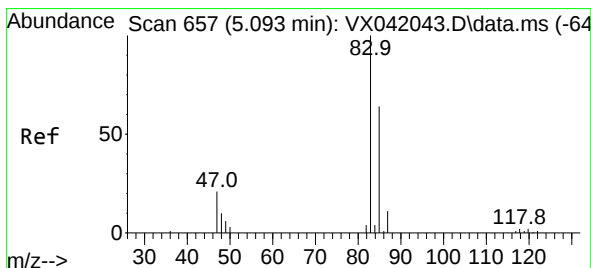
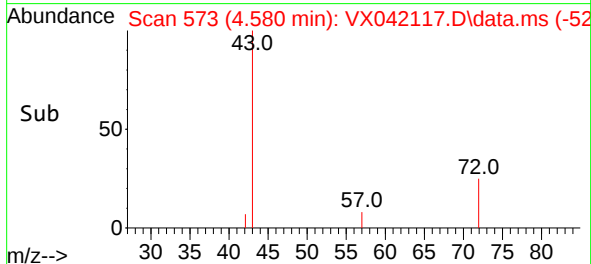
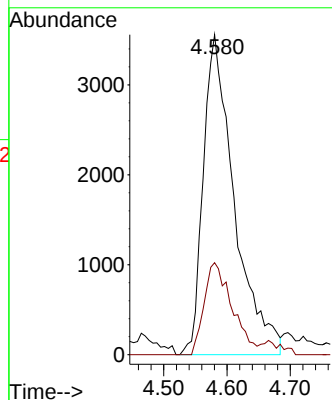
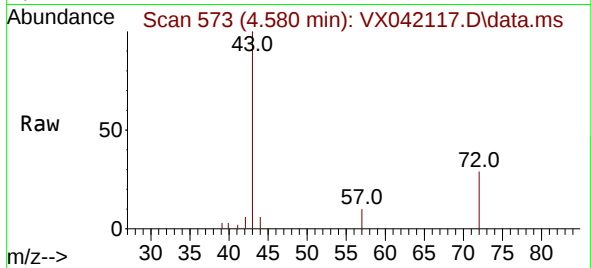




#25
2-Butanone
Concen: 11.319 ug/l
RT: 4.580 min Scan# 51
Delta R.T. 0.006 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

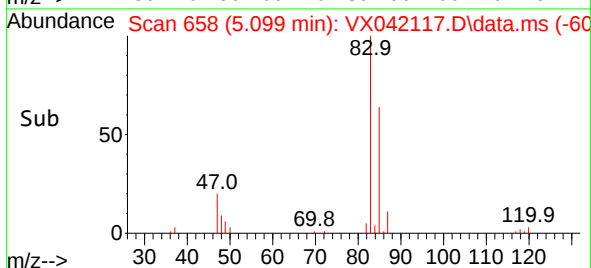
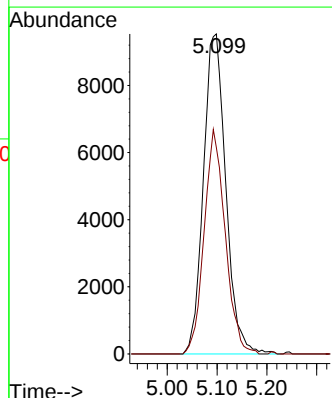
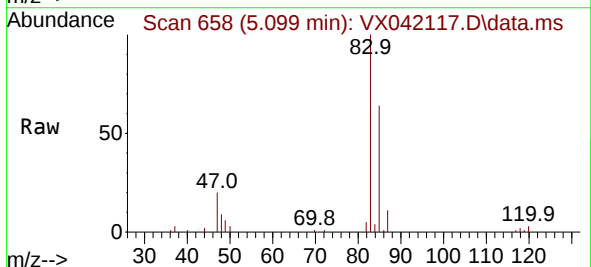
Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

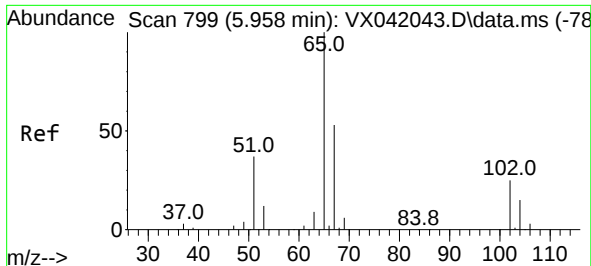
Tgt Ion: 43 Resp: 12140
Ion Ratio Lower Upper
43 100
72 28.7 19.4 29.2



#30
Chloroform
Concen: 12.967 ug/l
RT: 5.099 min Scan# 658
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 83 Resp: 29783
Ion Ratio Lower Upper
83 100
85 64.5 50.3 75.5





#33

1,2-Dichloroethane-d4

Concen: 42.104 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042117.D

Acq: 01 Jul 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

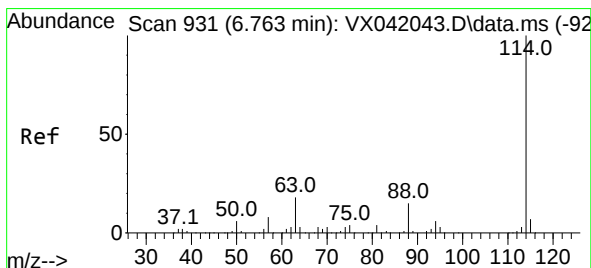
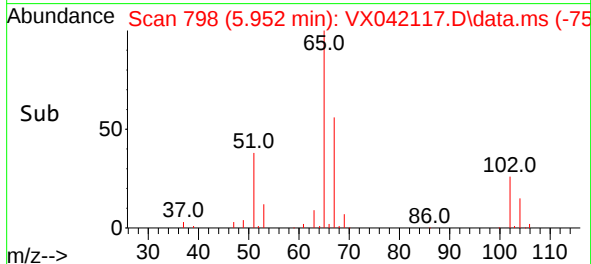
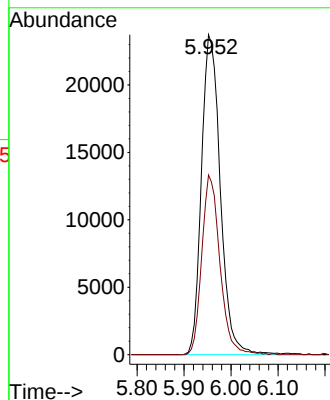
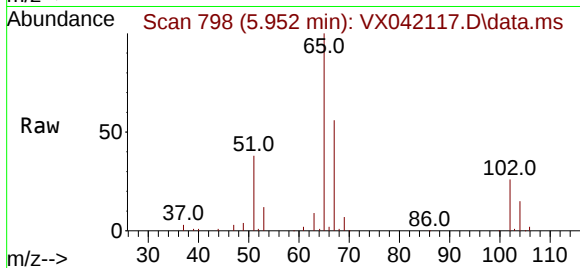
MW1A-20240626

Tgt Ion: 65 Resp: 66107

Ion Ratio Lower Upper

65 100

67 53.9 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: VX042117.D

Acq: 01 Jul 2024 16:18

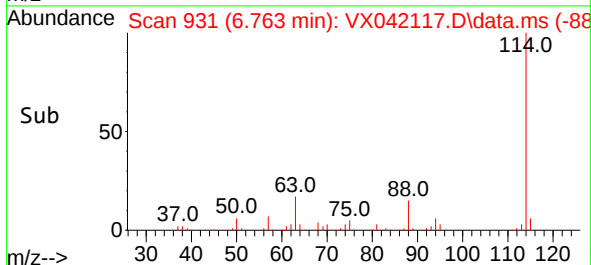
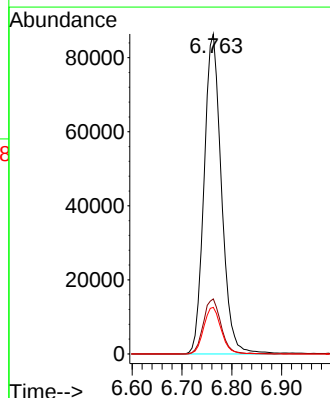
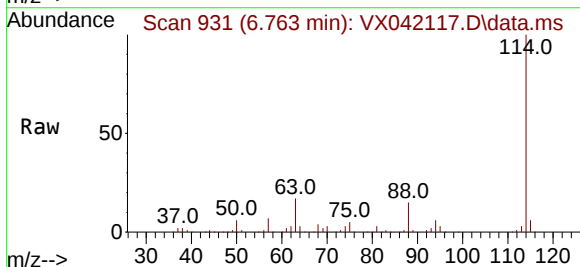
Tgt Ion: 114 Resp: 209085

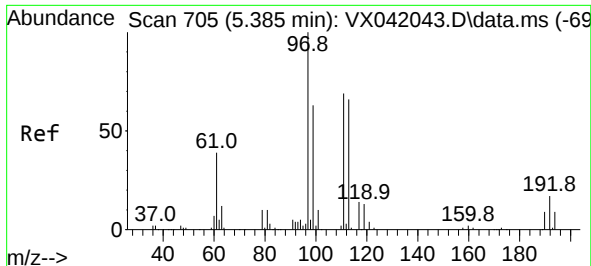
Ion Ratio Lower Upper

114 100

63 17.2 0.0 45.0

88 14.6 0.0 36.6

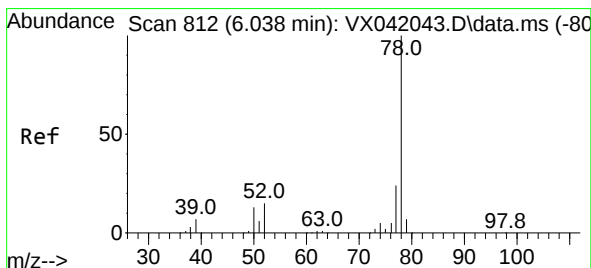
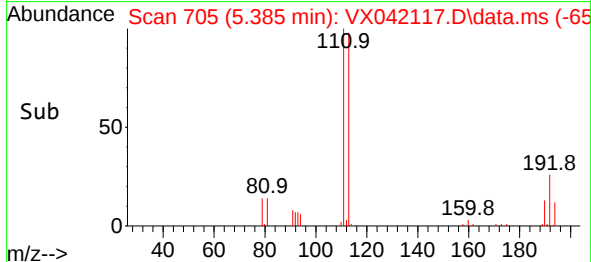
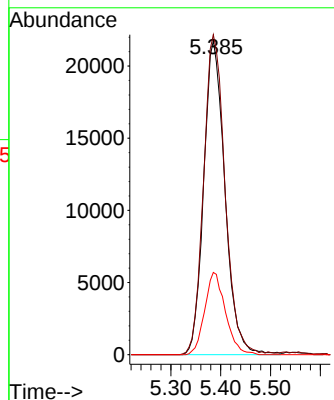
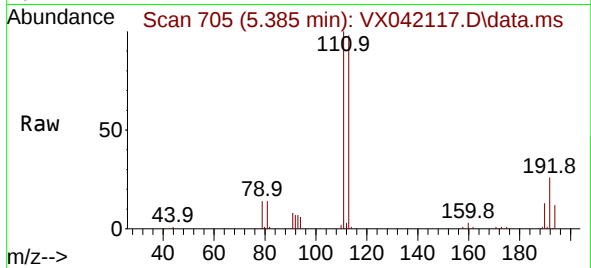




#35
Dibromofluoromethane
Concen: 43.311 ug/l
RT: 5.385 min Scan# 705
Delta R.T. -0.006 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

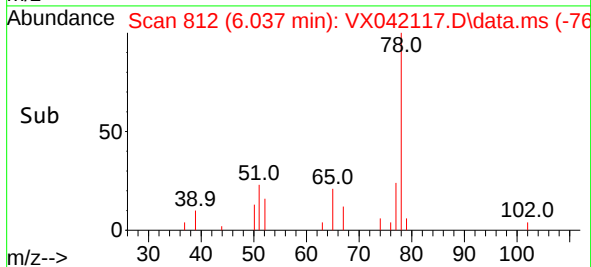
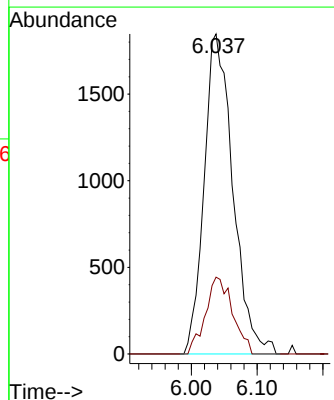
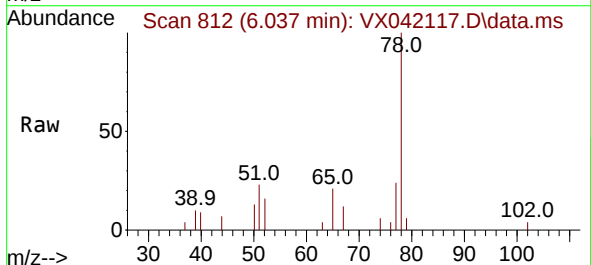
Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

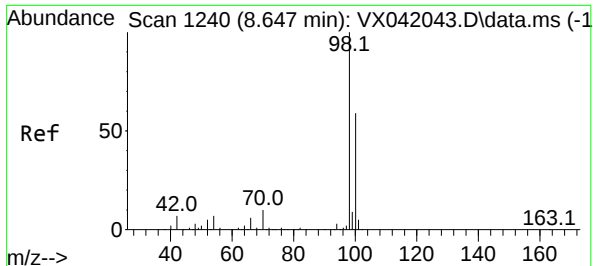
Tgt Ion:113 Resp: 64255
Ion Ratio Lower Upper
113 100
111 103.1 82.9 124.3
192 25.6 13.3 19.9#



#40
Benzene
Concen: 1.060 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 78 Resp: 5630
Ion Ratio Lower Upper
78 100
77 24.0 19.3 28.9

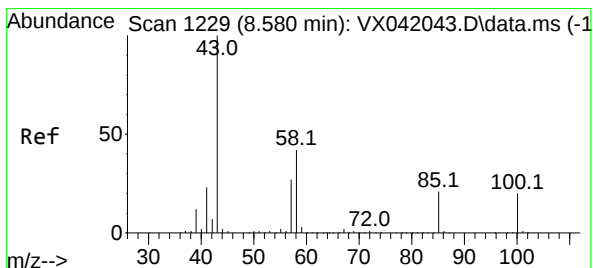
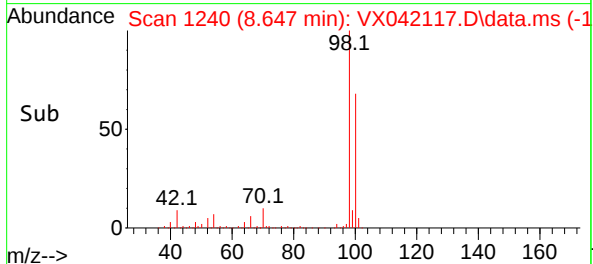
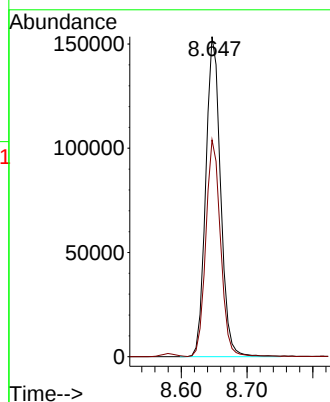
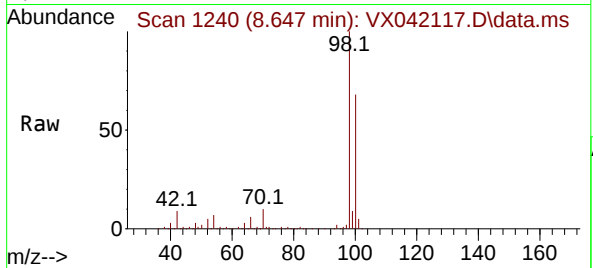




#50
Toluene-d8
Concen: 46.210 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

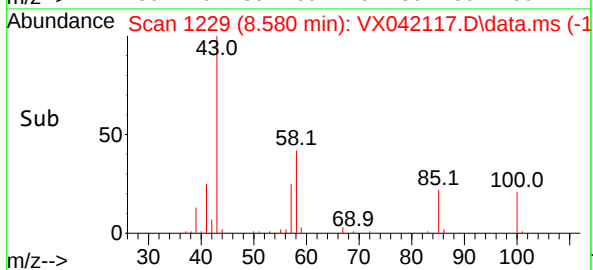
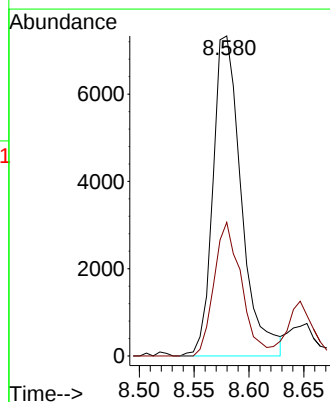
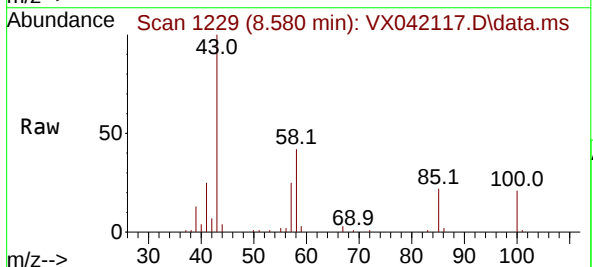
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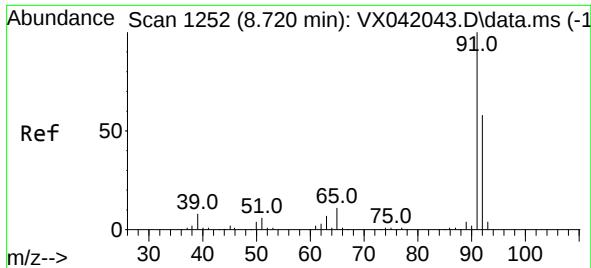
Tgt Ion: 98 Resp: 240842
Ion Ratio Lower Upper
98 100
100 67.1 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 6.103 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 43 Resp: 13242
Ion Ratio Lower Upper
43 100
58 39.8 30.4 45.6

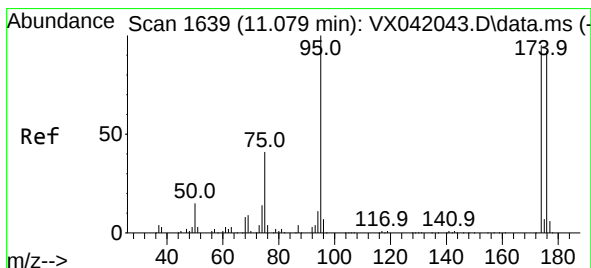
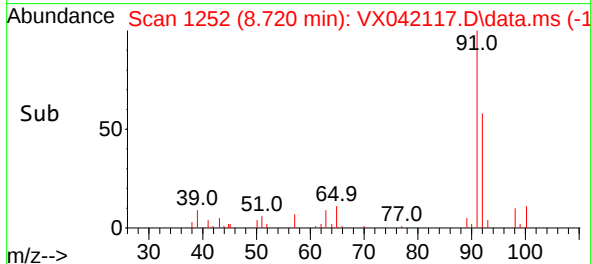
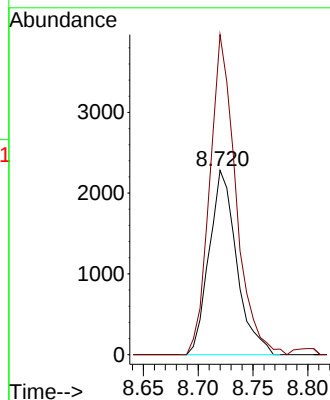
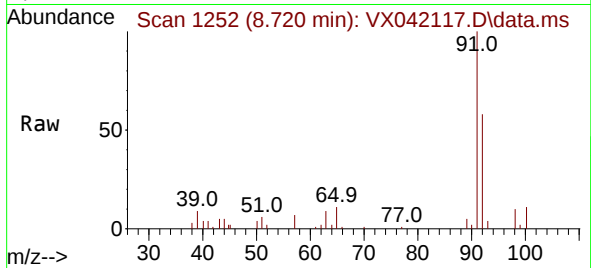




#52
Toluene
Concen: 1.179 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

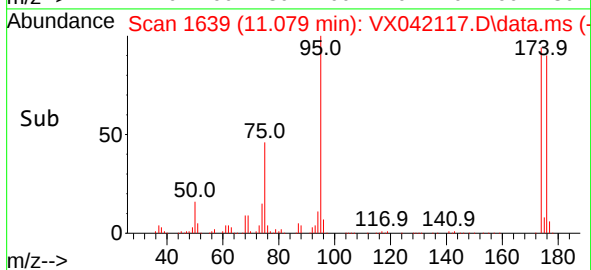
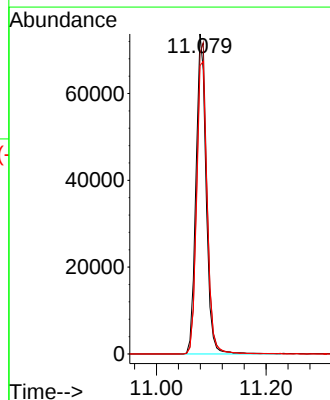
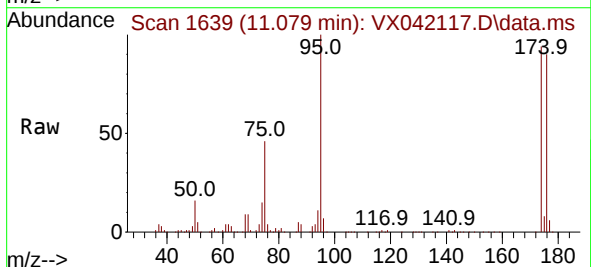
Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

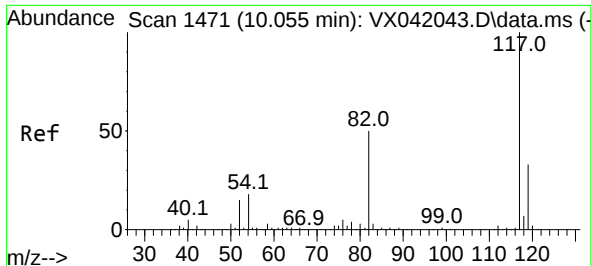
Tgt Ion: 92 Resp: 3990
Ion Ratio Lower Upper
92 100
91 164.6 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 49.563 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 95 Resp: 95222
Ion Ratio Lower Upper
95 100
174 99.7 0.0 135.6
176 94.9 0.0 131.0

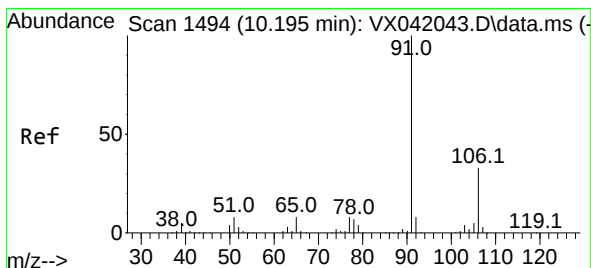
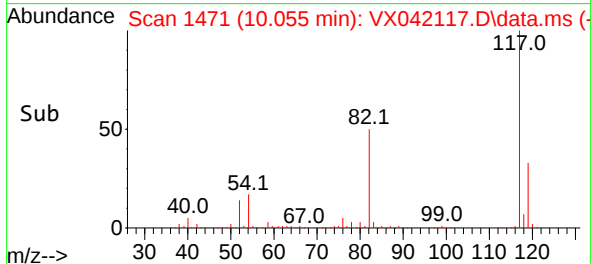
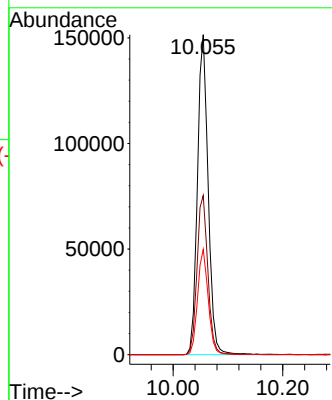
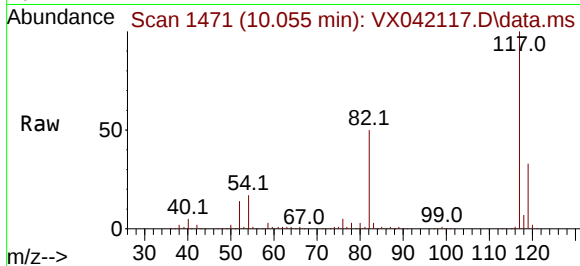




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

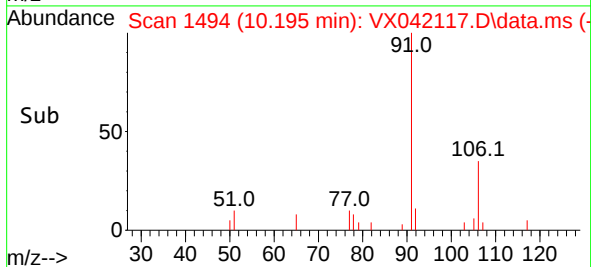
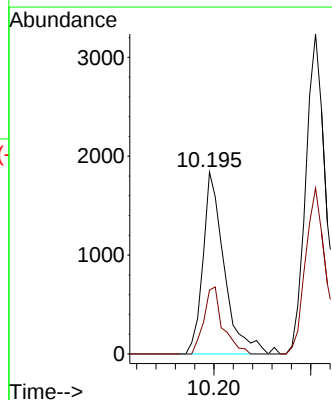
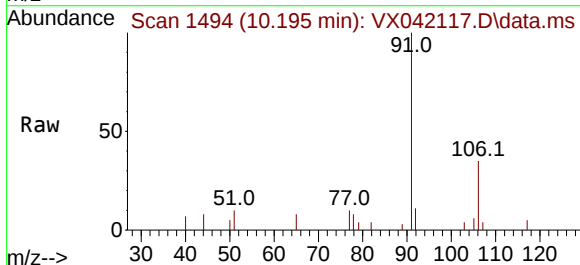
Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

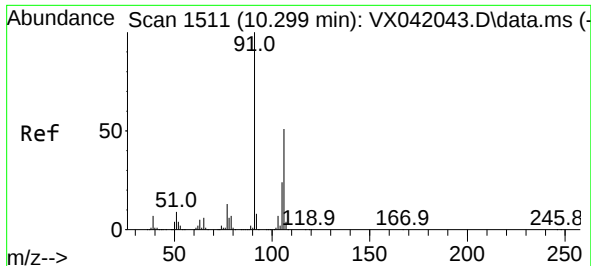
Tgt Ion:117 Resp: 206775
Ion Ratio Lower Upper
117 100
82 49.8 46.2 69.4
119 32.9 25.5 38.3



#67
Ethyl Benzene
Concen: 0.420 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion: 91 Resp: 2830
Ion Ratio Lower Upper
91 100
106 35.1 24.9 37.3

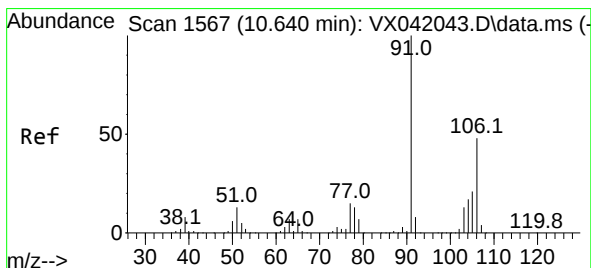
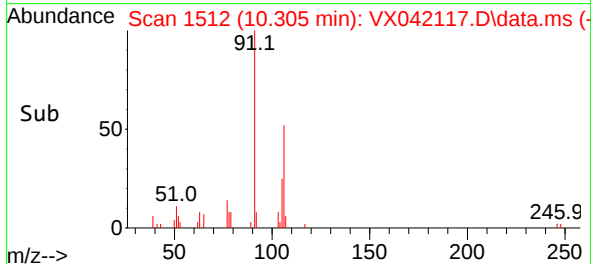
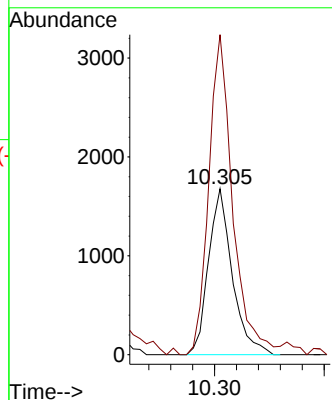
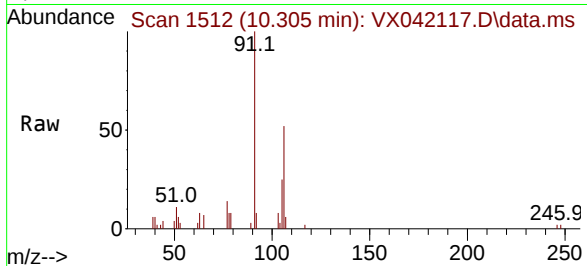




#68
m/p-Xylenes
Concen: 0.931 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

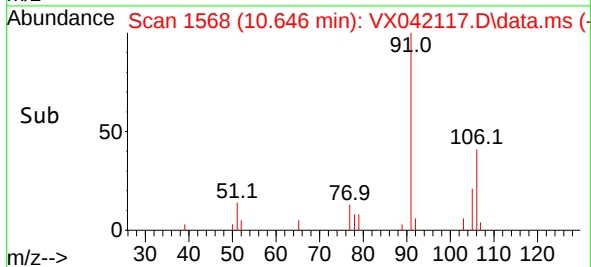
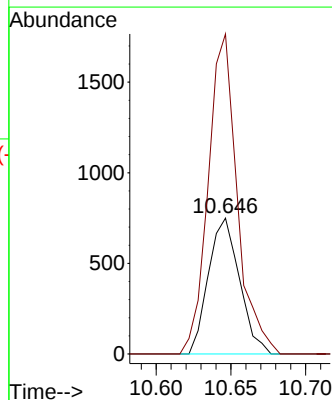
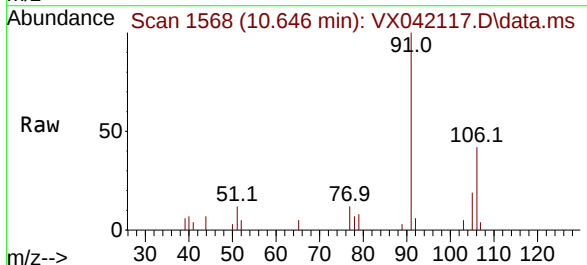
Instrument :
MSVOA_X
ClientSampleId :
MW1A-20240626

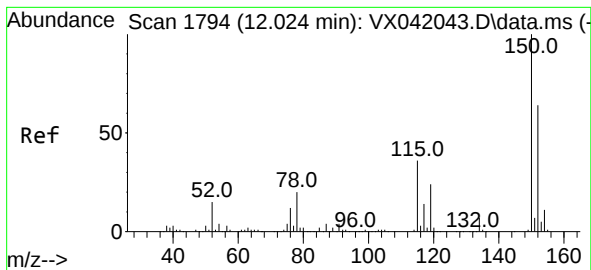
Tgt Ion:106 Resp: 2534
Ion Ratio Lower Upper
106 100
91 193.6 165.5 248.3



#69
o-Xylene
Concen: 0.402 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX042117.D
Acq: 01 Jul 2024 16:18

Tgt Ion:106 Resp: 1084
Ion Ratio Lower Upper
106 100
91 219.9 108.9 326.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX042117.D

Acq: 01 Jul 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

MW1A-20240626

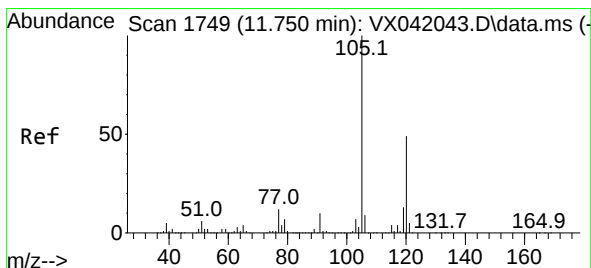
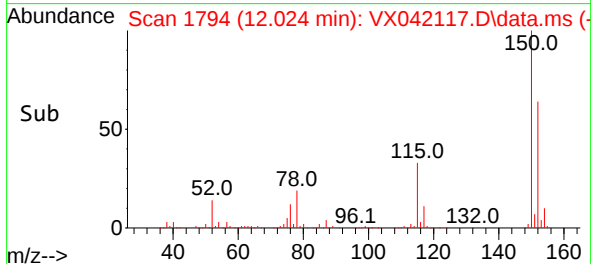
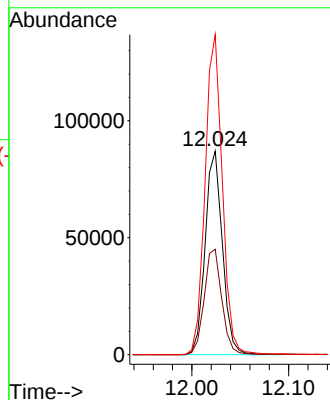
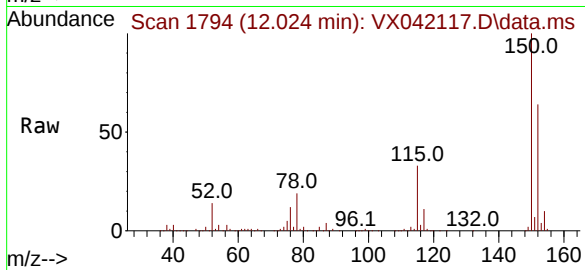
Tgt Ion:152 Resp: 108540

Ion Ratio Lower Upper

152 100

115 52.8 43.3 129.9

150 157.1 0.0 345.0



#84

1,2,4-Trimethylbenzene

Concen: 0.862 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX042117.D

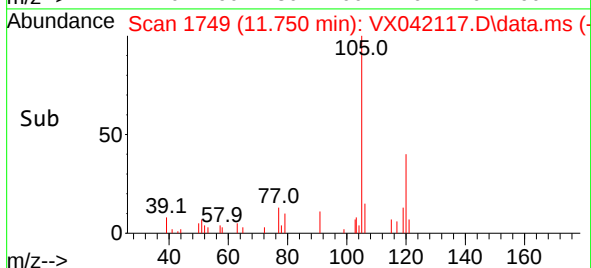
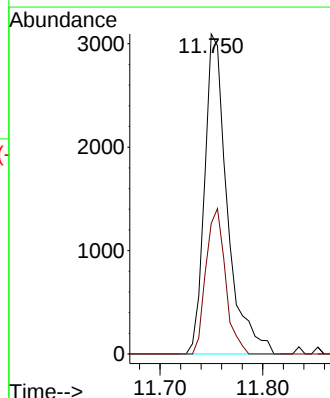
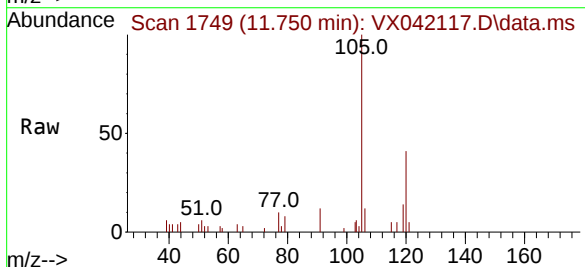
Acq: 01 Jul 2024 16:18

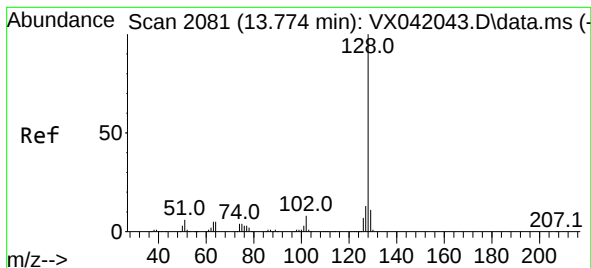
Tgt Ion:105 Resp: 4756

Ion Ratio Lower Upper

105 100

120 39.0 21.2 63.6





#95

Naphthalene

Concen: 1.530 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. -0.000 min

Lab File: VX042117.D

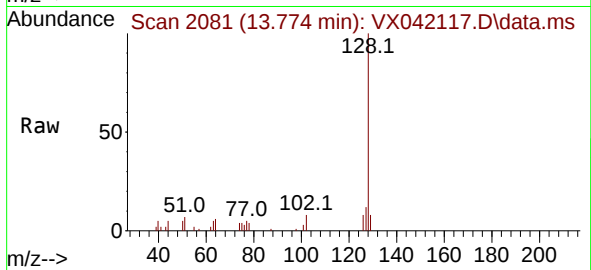
Acq: 01 Jul 2024 16:18

Instrument :

MSVOA_X

ClientSampleId :

MW1A-20240626



Tgt Ion:128 Resp: 6175

Ion Ratio Lower Upper

128 100

127 14.0 10.3 15.5

129 10.5 8.8 13.2

