

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX070224\
 Data File : VX042146.D
 Acq On : 02 Jul 2024 17:42
 Operator : JC/MD
 Sample : P3119-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-20240627

Quant Time: Jul 03 03:37:19 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)

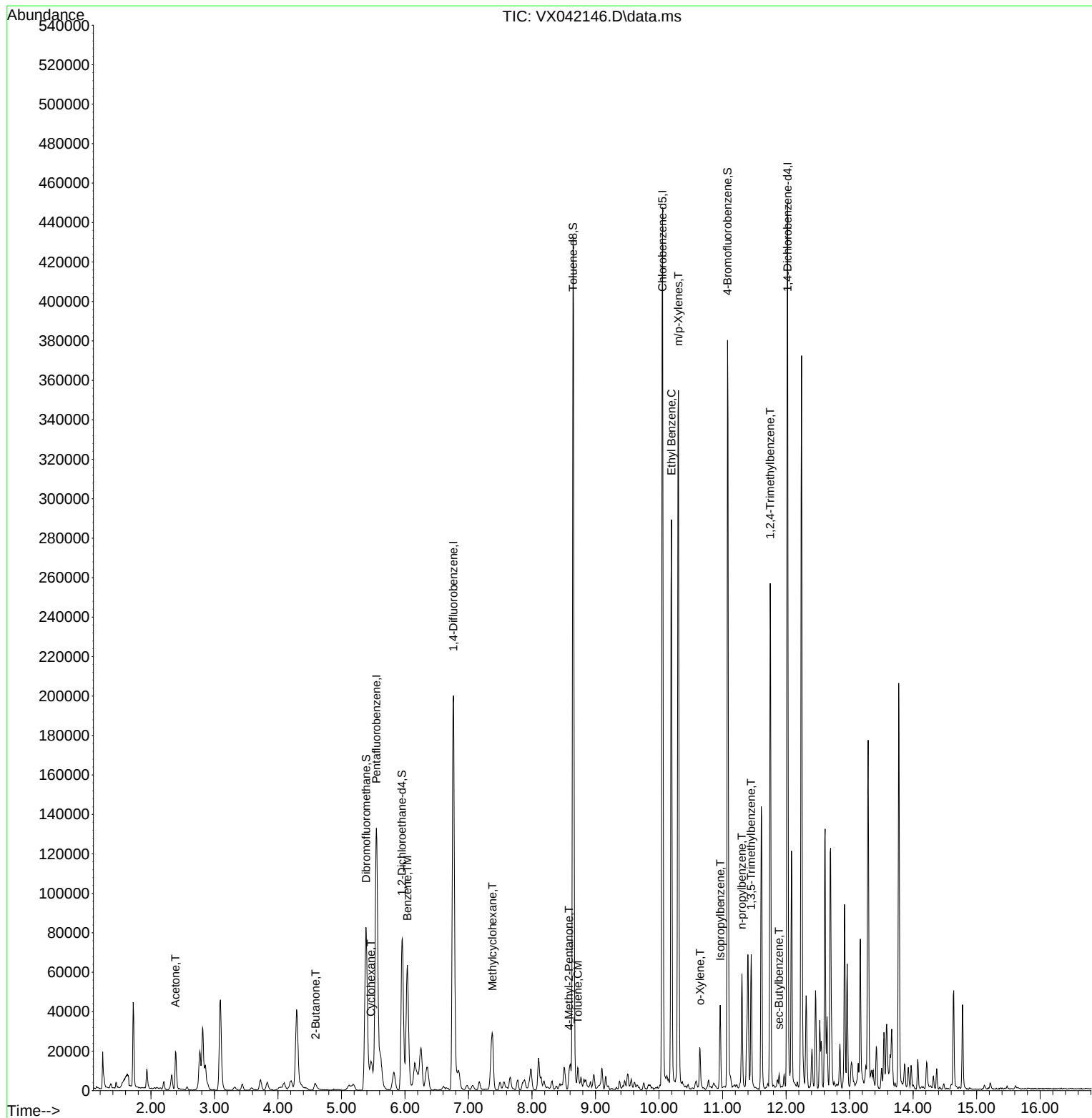
Internal Standards						
1) Pentafluorobenzene	5.550	168	148186	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	226678	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	222773	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	110398	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	74781	43.763	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	87.520%
35) Dibromofluoromethane	5.385	113	72061	44.803	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.600%
50) Toluene-d8	8.647	98	265752	47.032	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	94.060%
62) 4-Bromofluorobenzene	11.079	95	99412	47.728	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	95.460%
Target Compounds						
						Qvalue
16) Acetone	2.386	43	22317	29.743	ug/l	# 86
25) 2-Butanone	4.593	43	7990	6.845	ug/l	# 88
31) Cyclohexane	5.464	56	9812	4.910	ug/l	# 92
39) Methylcyclohexane	7.379	83	12249	5.671	ug/l	96
40) Benzene	6.037	78	81025	14.066	ug/l	99
51) 4-Methyl-2-Pentanone	8.580	43	3639	1.547	ug/l	88
52) Toluene	8.720	92	4070	1.110	ug/l	91
67) Ethyl Benzene	10.195	91	171962	23.683	ug/l	99
68) m/p-Xylenes	10.305	106	90559	30.897	ug/l	93
69) o-Xylene	10.646	106	5086	1.753	ug/l	92
73) Isopropylbenzene	10.963	105	21768	3.243	ug/l	97
78) n-propylbenzene	11.305	91	35129	4.823	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	29885	5.345	ug/l	95
84) 1,2,4-Trimethylbenzene	11.750	105	116775	20.818	ug/l	93
85) sec-Butylbenzene	11.890	105	3803	0.548	ug/l	96

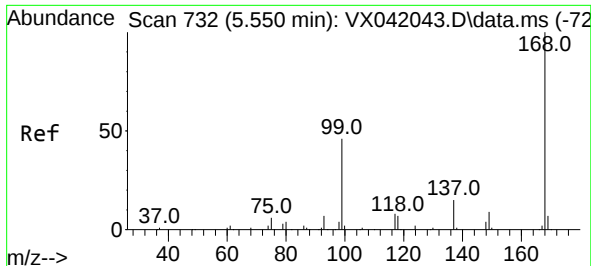
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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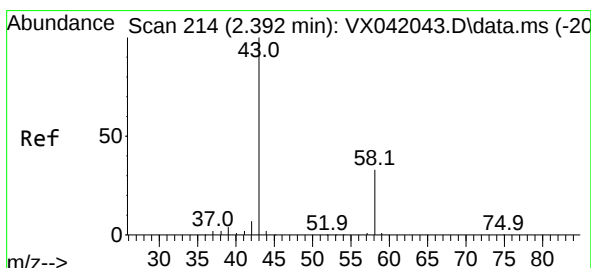
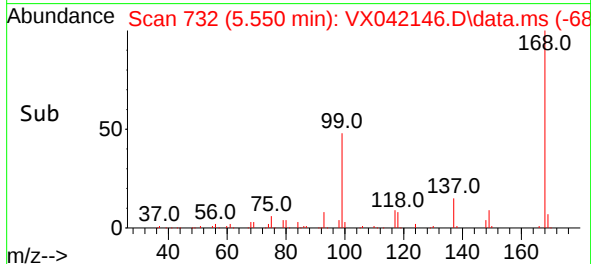
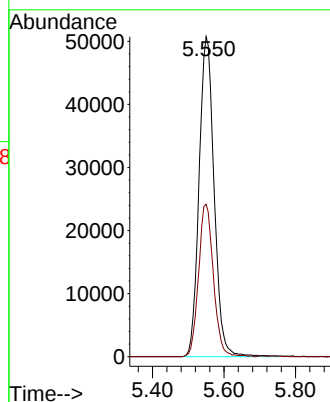
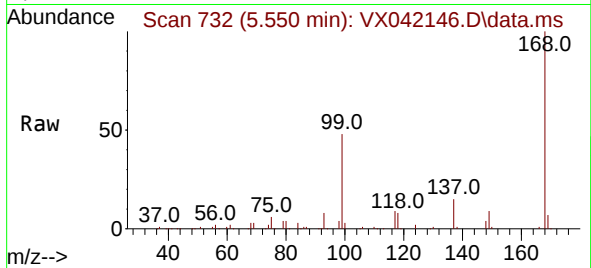




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

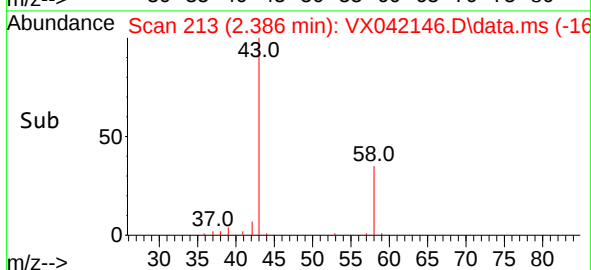
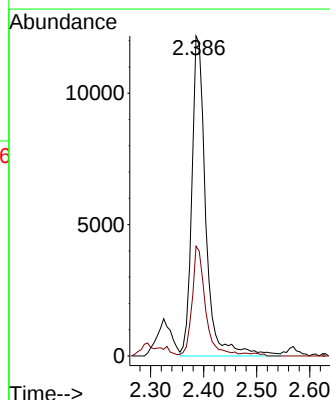
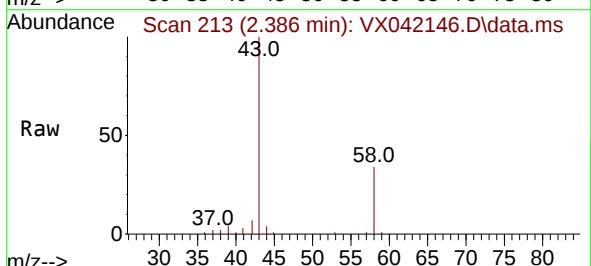
Instrument :
MSVOA_X
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MW2-20240627

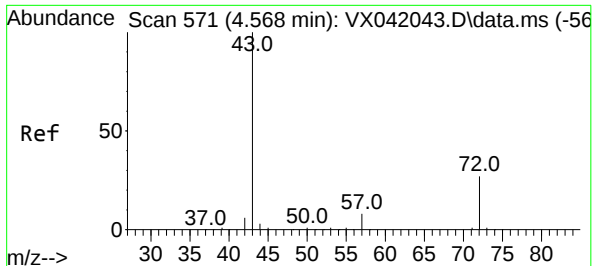
Tgt Ion:168 Resp: 148186
Ion Ratio Lower Upper
168 100
99 47.7 56.6 85.0#



#16
Acetone
Concen: 29.743 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.012 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 43 Resp: 22317
Ion Ratio Lower Upper
43 100
58 34.5 21.9 32.9#

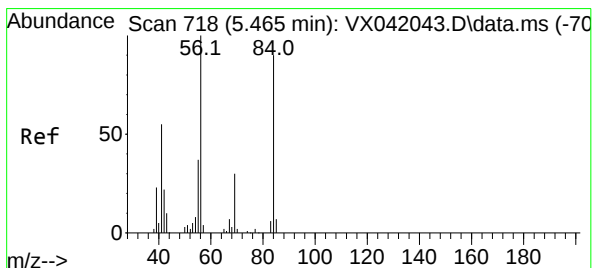
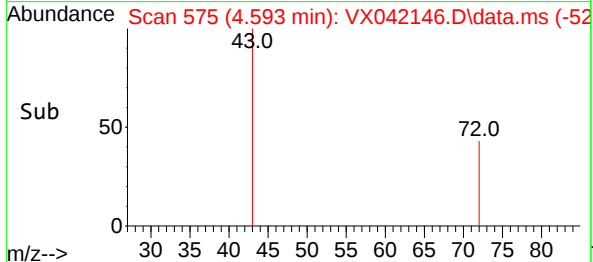
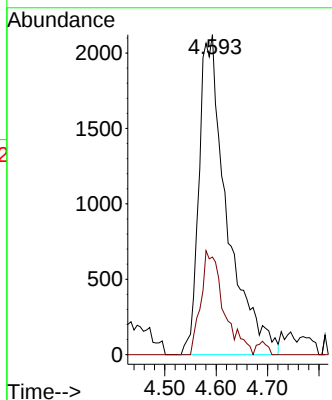
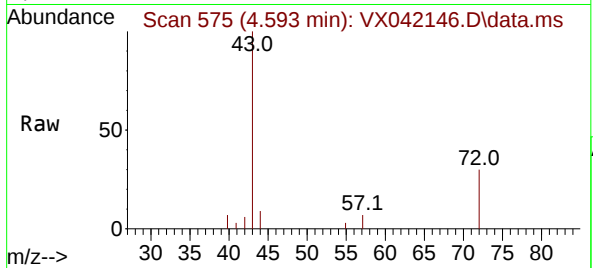




#25
2-Butanone
Concen: 6.845 ug/l
RT: 4.593 min Scan# 575
Delta R.T. 0.018 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

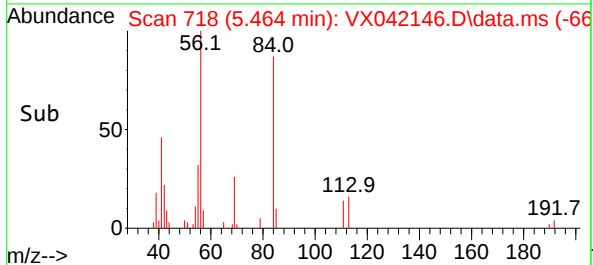
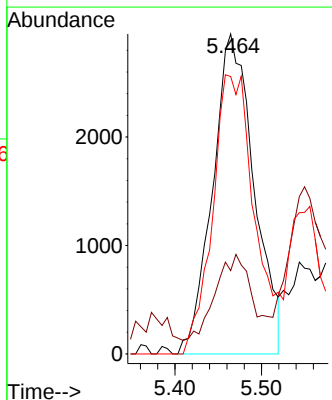
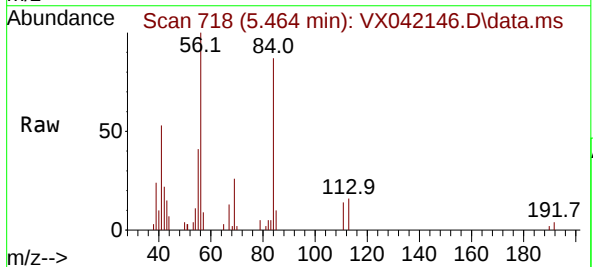
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

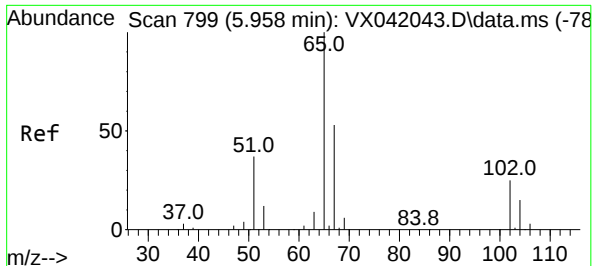
Tgt Ion: 43 Resp: 7990
Ion Ratio Lower Upper
43 100
72 30.5 19.4 29.2#



#31
Cyclohexane
Concen: 4.910 ug/l
RT: 5.464 min Scan# 718
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 56 Resp: 9812
Ion Ratio Lower Upper
56 100
69 21.1 23.4 35.2#
84 86.7 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 43.763 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX042146.D

Acq: 02 Jul 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

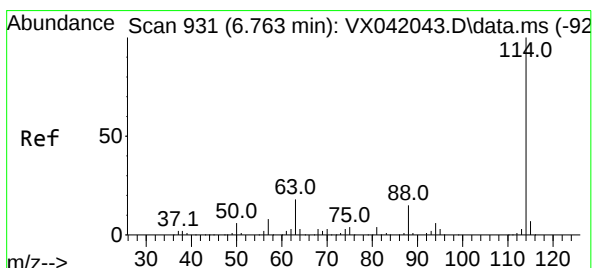
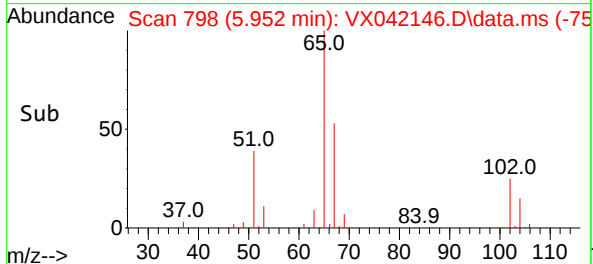
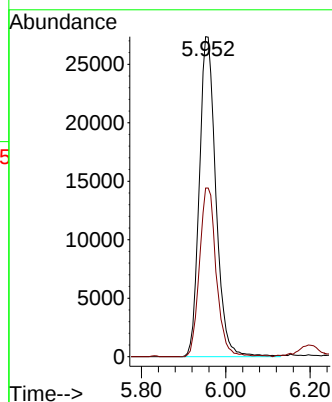
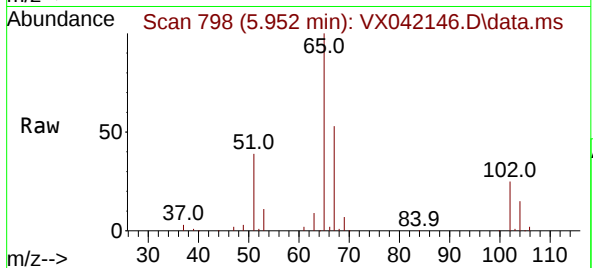
MW2-20240627

Tgt Ion: 65 Resp: 74781

Ion Ratio Lower Upper

65 100

67 53.3 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: VX042146.D

Acq: 02 Jul 2024 17:42

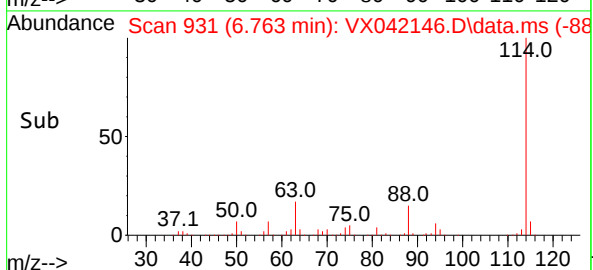
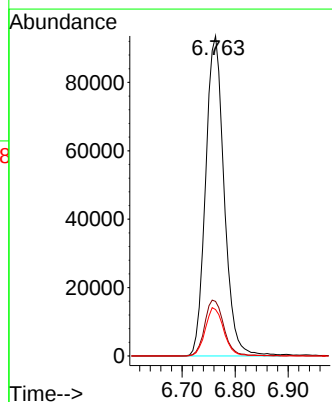
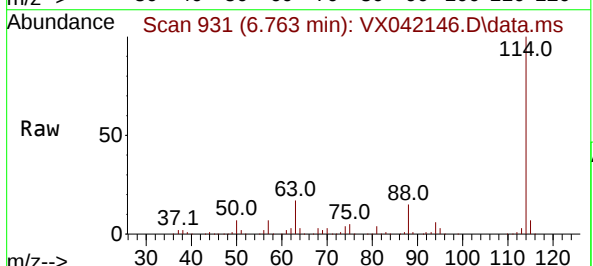
Tgt Ion: 114 Resp: 226678

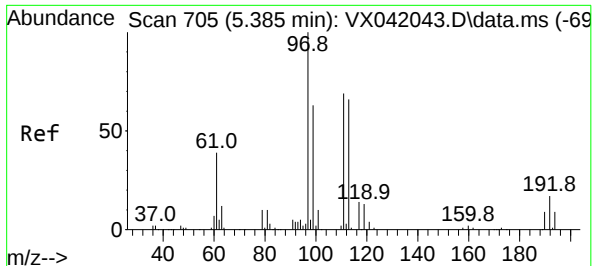
Ion Ratio Lower Upper

114 100

63 17.0 0.0 45.0

88 14.5 0.0 36.6





#35

Dibromofluoromethane

Concen: 44.803 ug/l

RT: 5.385 min Scan# 705

Delta R.T. -0.006 min

Lab File: VX042146.D

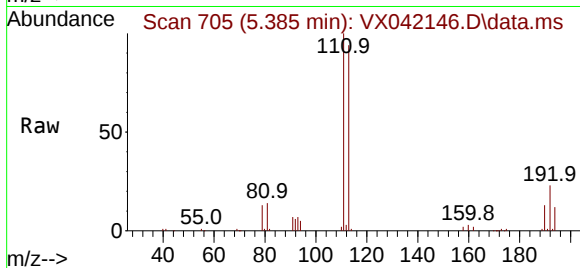
Acq: 02 Jul 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

MW2-20240627



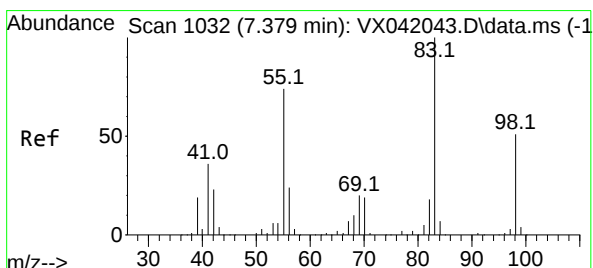
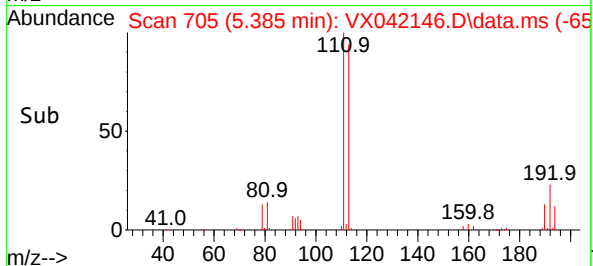
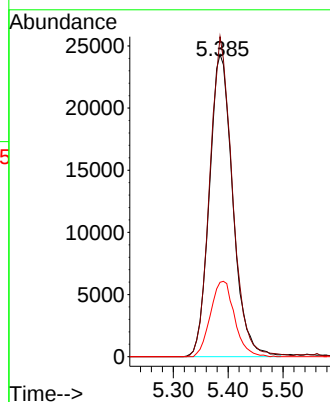
Tgt Ion:113 Resp: 72061

Ion Ratio Lower Upper

113 100

111 102.2 82.9 124.3

192 25.7 13.3 19.9#



#39

Methylcyclohexane

Concen: 5.671 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX042146.D

Acq: 02 Jul 2024 17:42

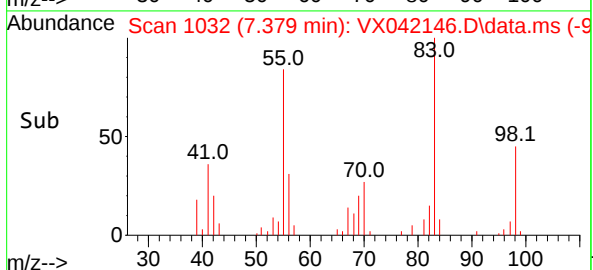
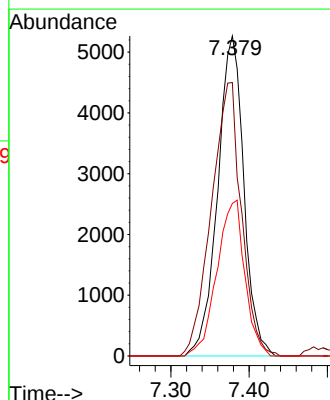
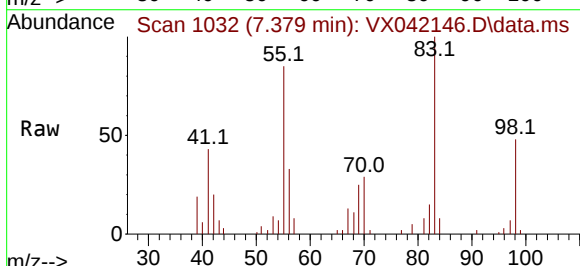
Tgt Ion: 83 Resp: 12249

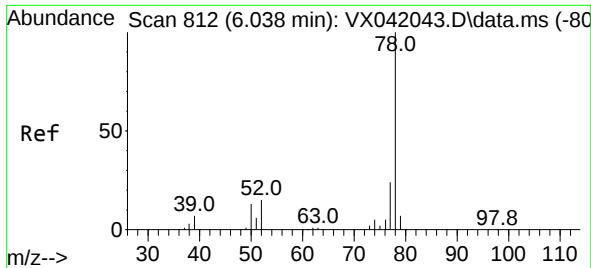
Ion Ratio Lower Upper

83 100

55 85.5 64.6 97.0

98 47.6 36.7 55.1

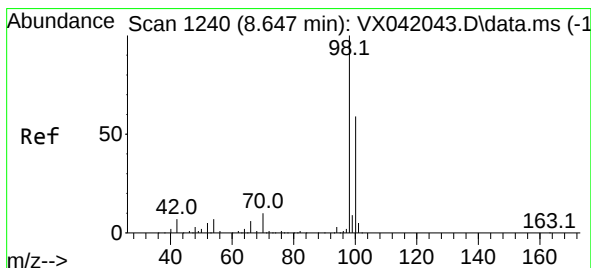
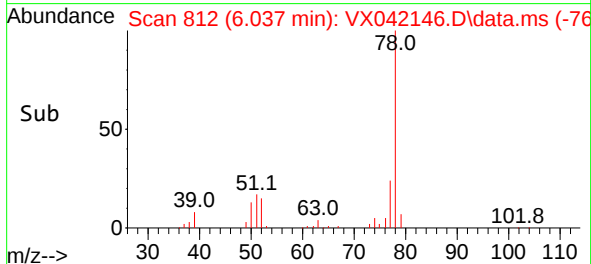
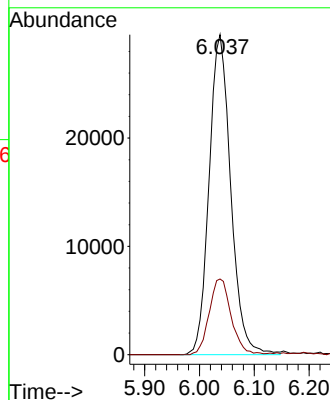
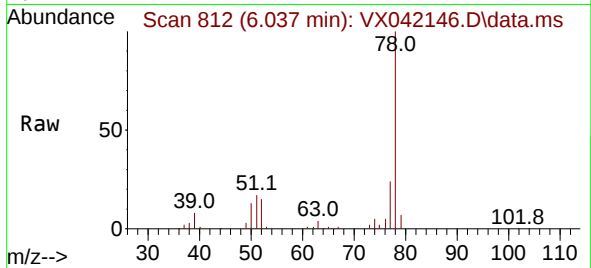




#40
Benzene
Concen: 14.066 ug/l
RT: 6.037 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

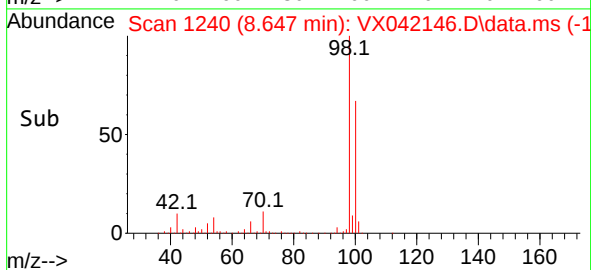
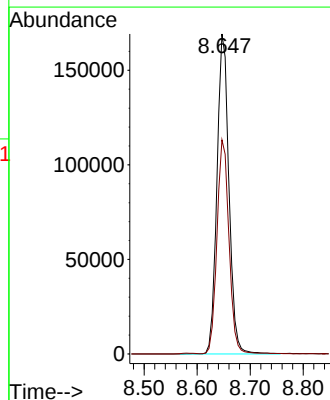
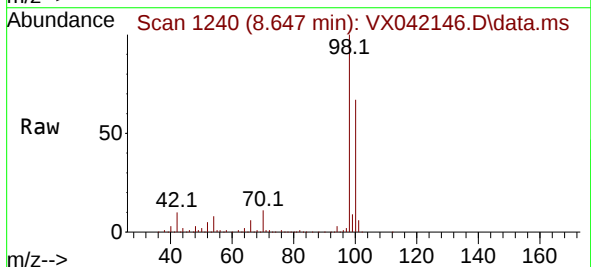
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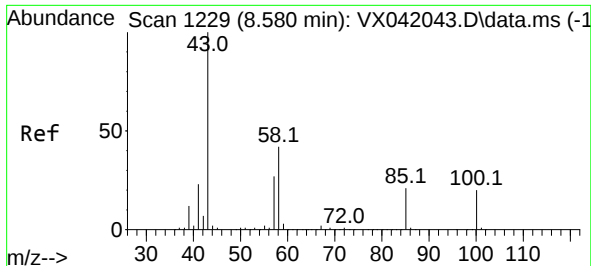
Tgt Ion: 78 Resp: 81025
Ion Ratio Lower Upper
78 100
77 23.6 19.3 28.9



#50
Toluene-d8
Concen: 47.032 ug/l
RT: 8.647 min Scan# 1240
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 98 Resp: 265752
Ion Ratio Lower Upper
98 100
100 67.2 53.1 79.7

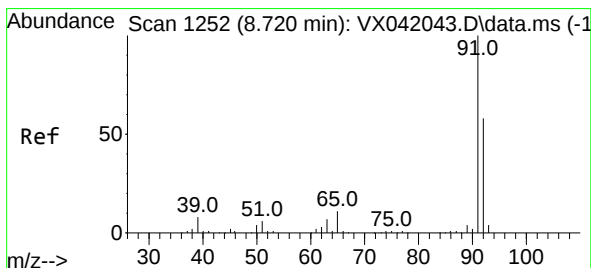
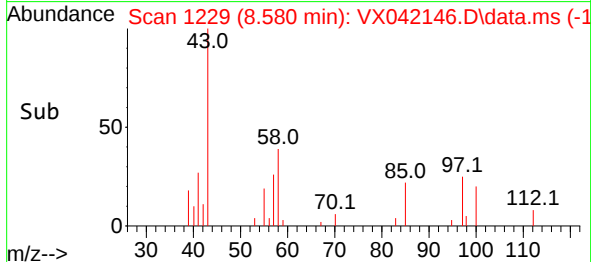
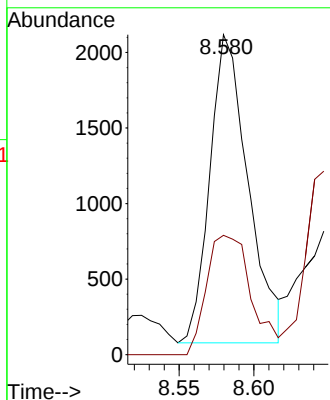
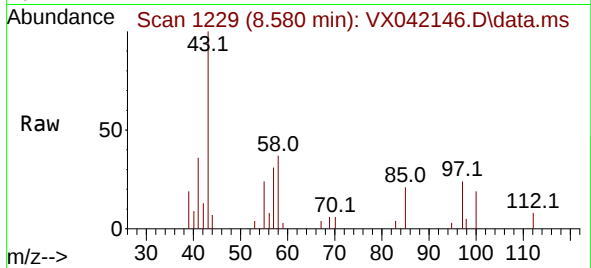




#51
4-Methyl-2-Pentanone
Concen: 1.547 ug/l
RT: 8.580 min Scan# 1229
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

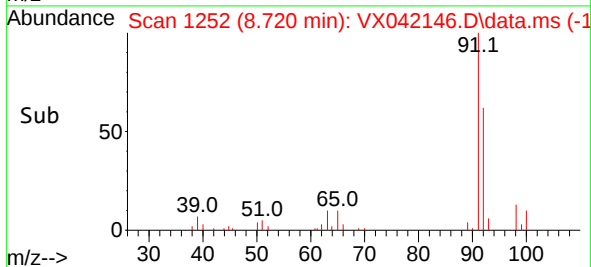
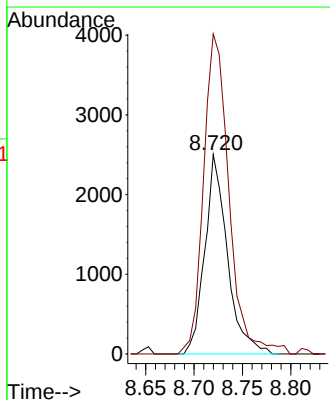
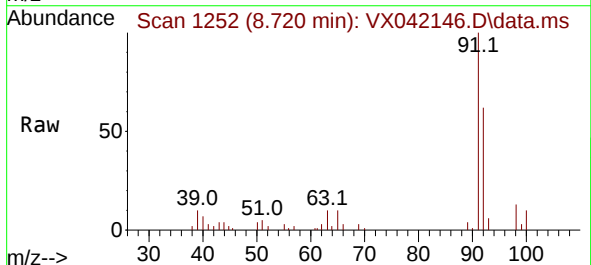
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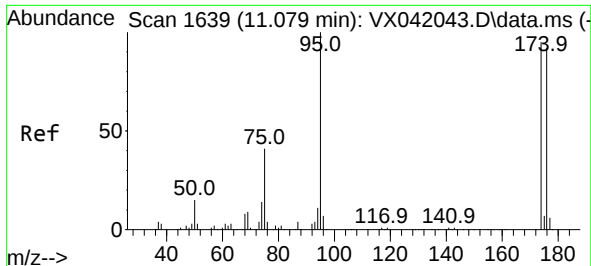
Tgt Ion: 43 Resp: 3639
Ion Ratio Lower Upper
43 100
58 45.1 30.4 45.6



#52
Toluene
Concen: 1.110 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 92 Resp: 4070
Ion Ratio Lower Upper
92 100
91 180.4 134.2 201.2

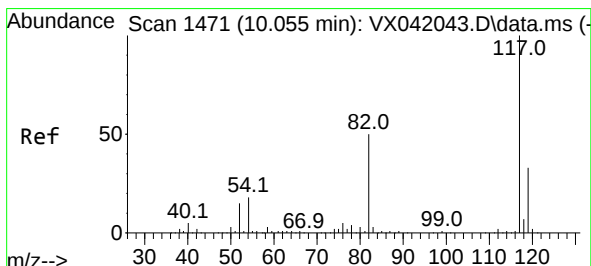
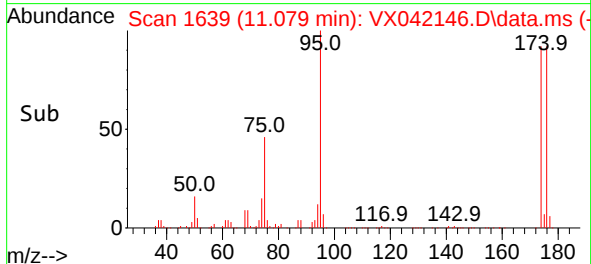
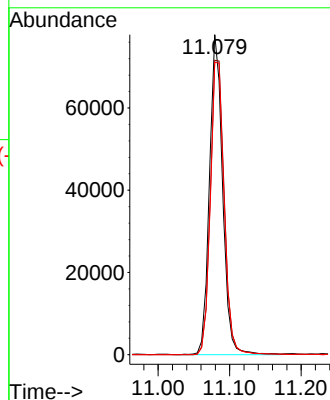
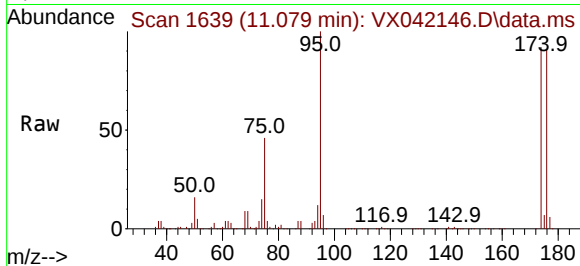




#62
4-Bromofluorobenzene
Concen: 47.728 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

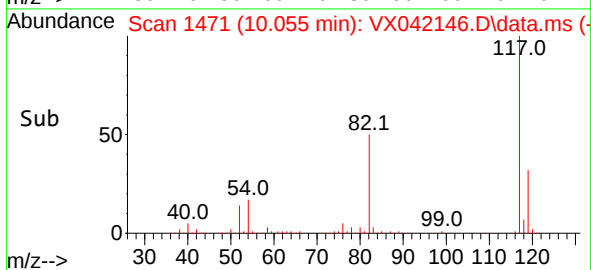
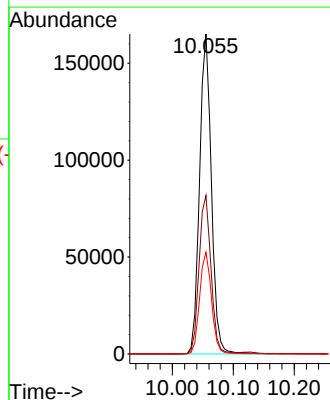
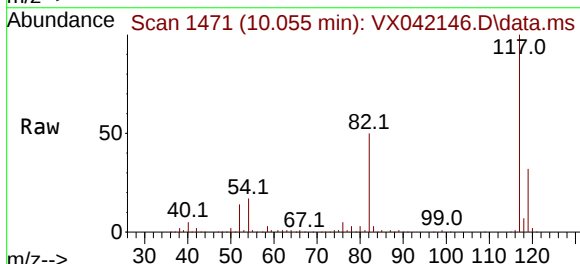
Instrument :
MSVOA_X
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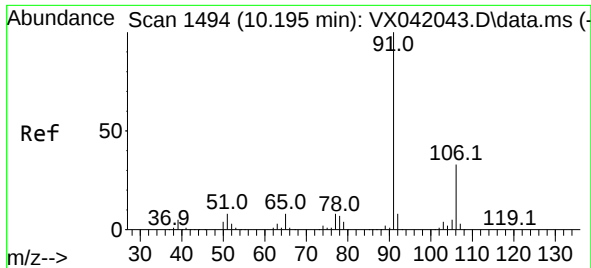
Tgt Ion: 95 Resp: 99412
Ion Ratio Lower Upper
95 100
174 97.7 0.0 135.6
176 95.9 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 117 Resp: 222773
Ion Ratio Lower Upper
117 100
82 49.5 46.2 69.4
119 31.7 25.5 38.3





#67

Ethyl Benzene

Concen: 23.683 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX042146.D

Acq: 02 Jul 2024 17:42

Instrument :

MSVOA_X

ClientSampleId :

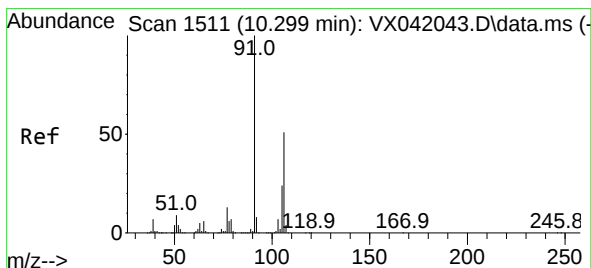
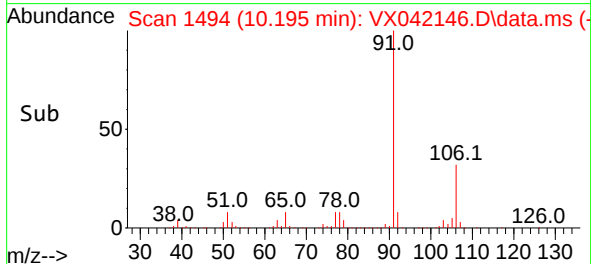
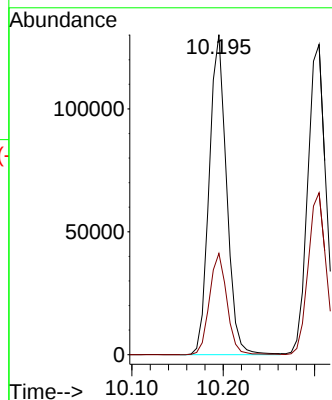
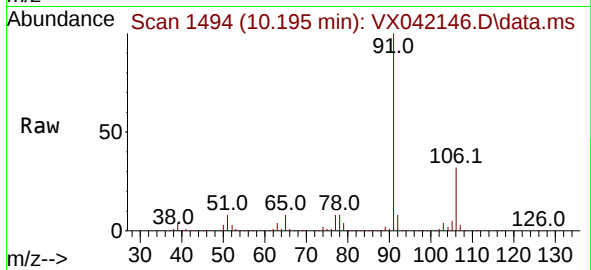
MW2-20240627

Tgt Ion: 91 Resp: 171962

Ion Ratio Lower Upper

91 100

106 31.7 24.9 37.3



#68

m/p-Xylenes

Concen: 30.897 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX042146.D

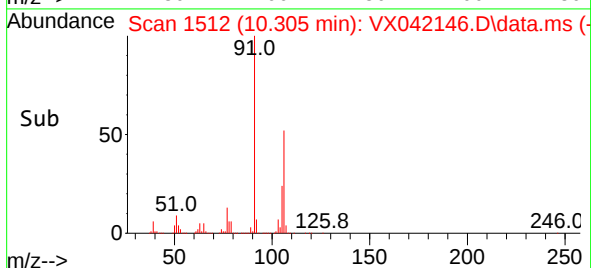
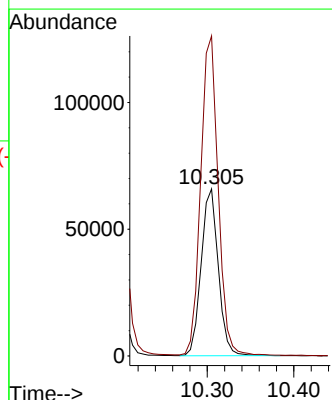
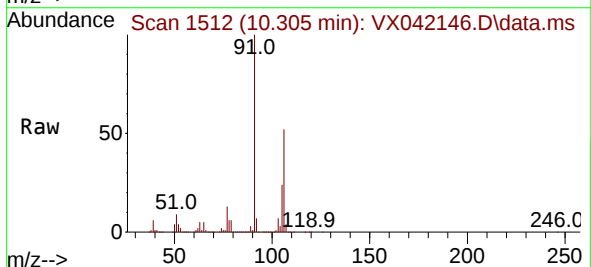
Acq: 02 Jul 2024 17:42

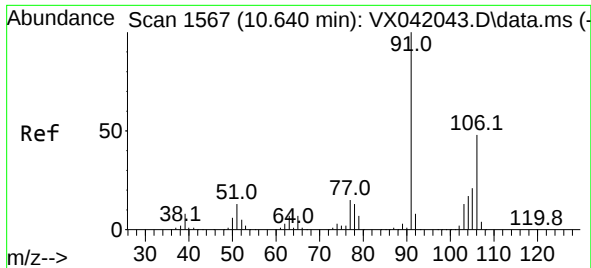
Tgt Ion: 106 Resp: 90559

Ion Ratio Lower Upper

106 100

91 195.6 165.5 248.3

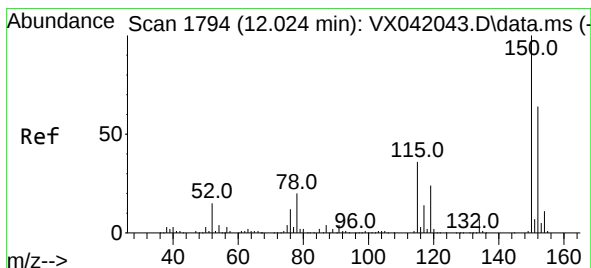
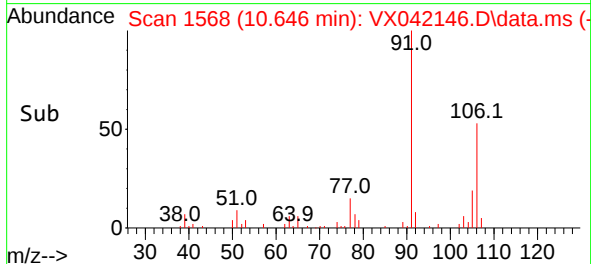
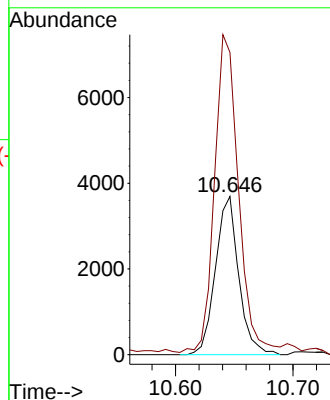
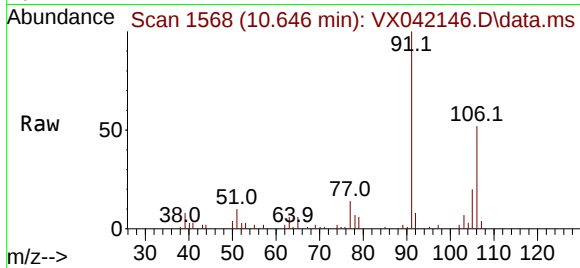




#69
o-Xylene
Concen: 1.753 ug/l
RT: 10.646 min Scan# 11
Delta R.T. 0.006 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

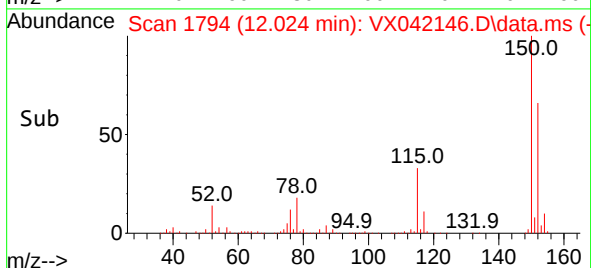
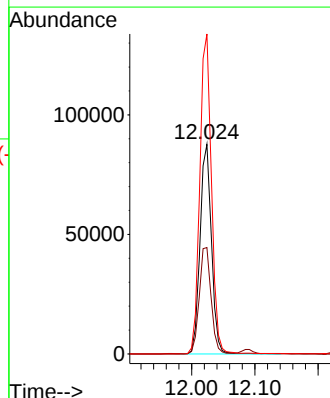
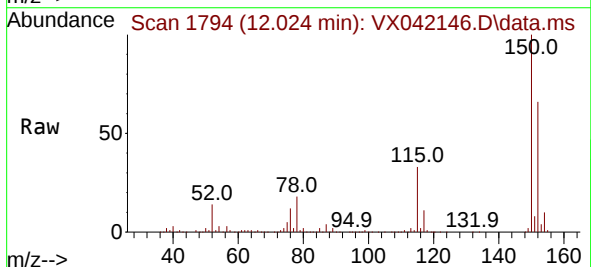
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

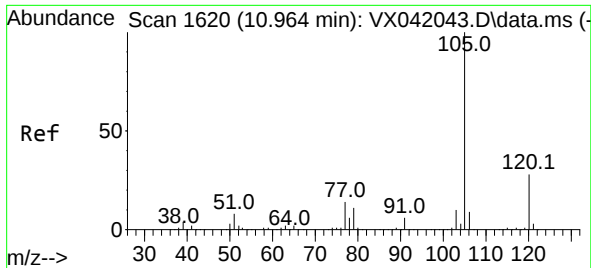
Tgt Ion:106 Resp: 5086
Ion Ratio Lower Upper
106 100
91 205.0 108.9 326.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion:152 Resp: 110398
Ion Ratio Lower Upper
152 100
115 52.3 43.3 129.9
150 155.0 0.0 345.0

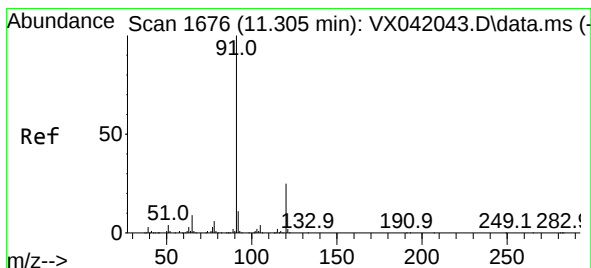
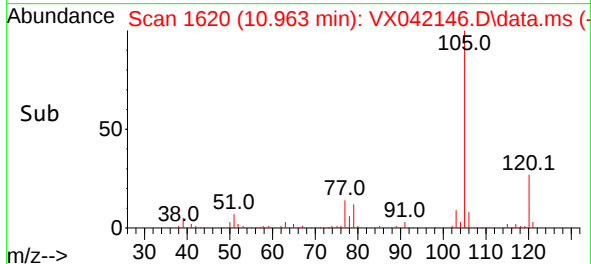
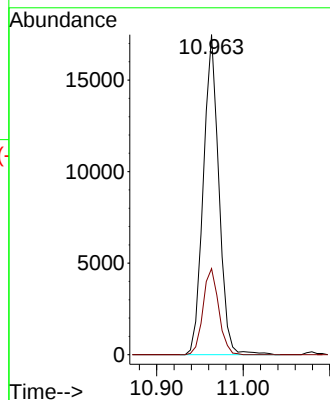
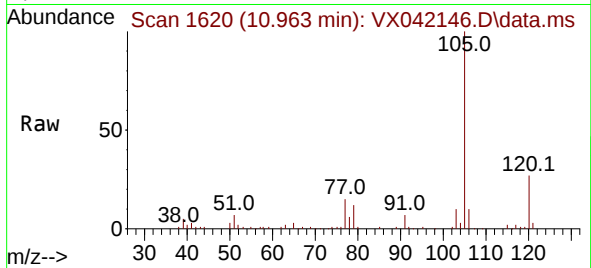




#73
Isopropylbenzene
Concen: 3.243 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

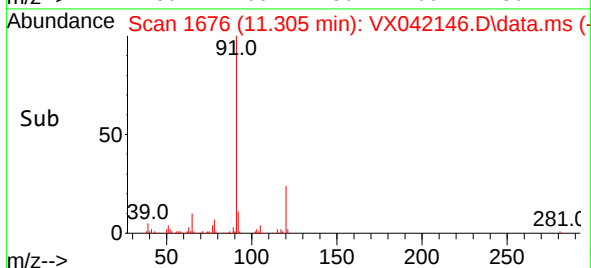
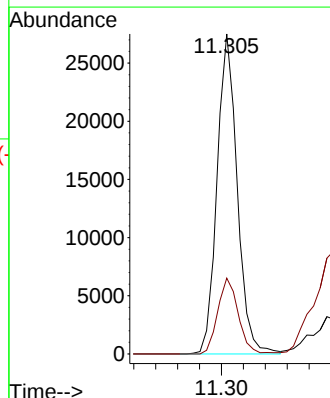
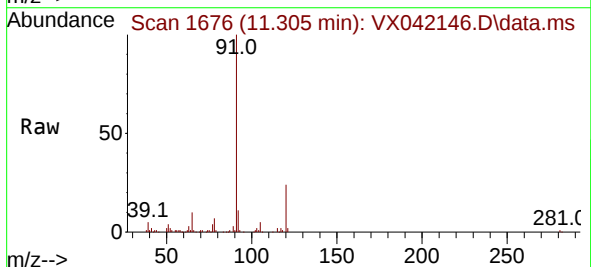
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

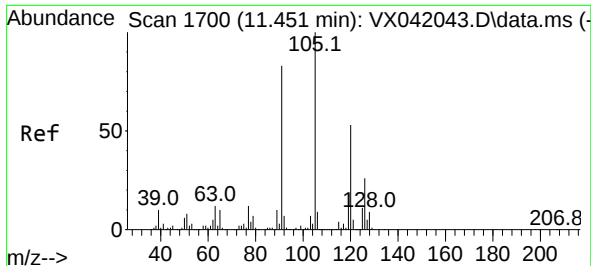
Tgt Ion:105 Resp: 21768
Ion Ratio Lower Upper
105 100
120 27.1 12.9 38.6



#78
n-propylbenzene
Concen: 4.823 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion: 91 Resp: 35129
Ion Ratio Lower Upper
91 100
120 24.1 11.5 34.4

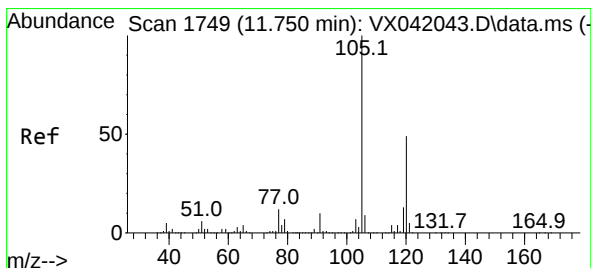
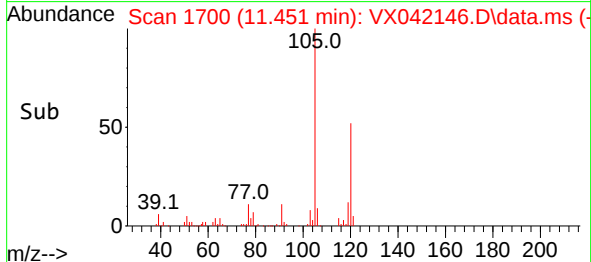
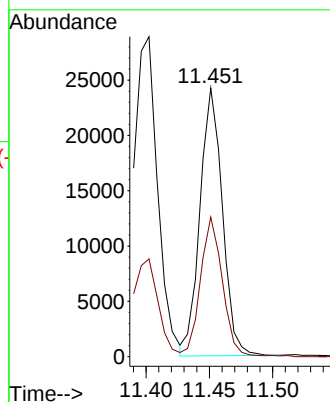
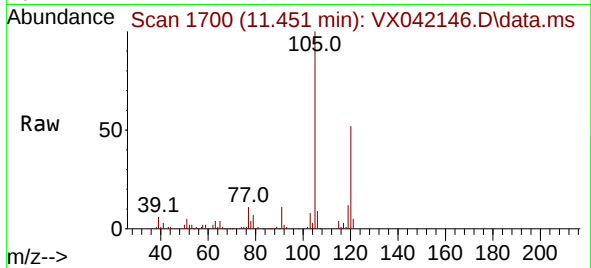




#80
1,3,5-Trimethylbenzene
Concen: 5.345 ug/l
RT: 11.451 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

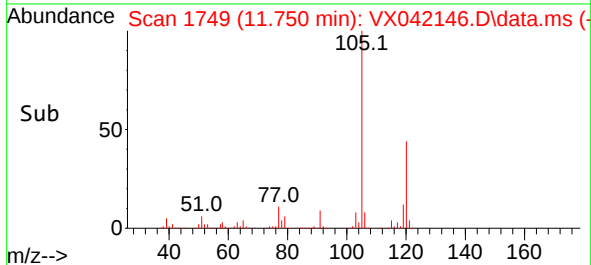
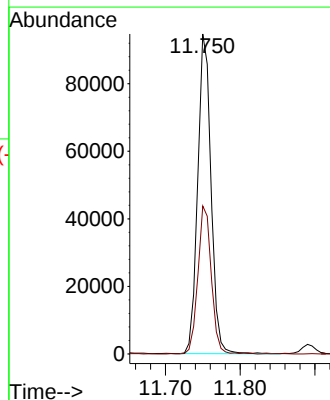
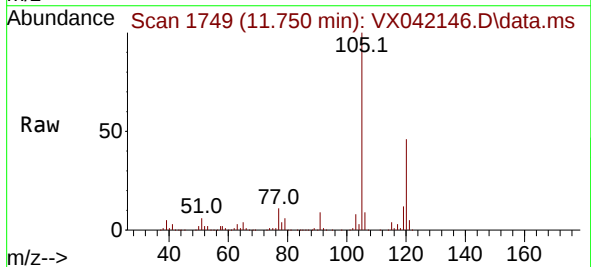
Instrument :
MSVOA_X
ClientSampleId :
MW2-20240627

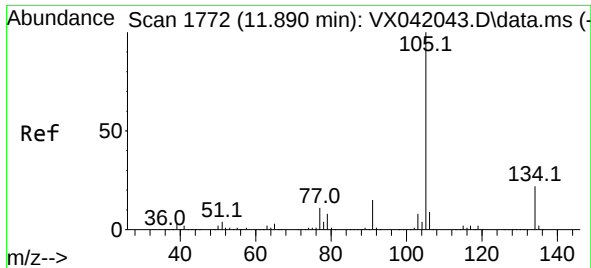
Tgt Ion:105 Resp: 29885
Ion Ratio Lower Upper
105 100
120 51.3 24.1 72.3



#84
1,2,4-Trimethylbenzene
Concen: 20.818 ug/l
RT: 11.750 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VX042146.D
Acq: 02 Jul 2024 17:42

Tgt Ion:105 Resp: 116775
Ion Ratio Lower Upper
105 100
120 46.9 21.2 63.6





#85
 sec-Butylbenzene
 Concen: 0.548 ug/l
 RT: 11.890 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX042146.D
 Acq: 02 Jul 2024 17:42

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2-20240627

Tgt Ion:105 Resp: 3803
 Ion Ratio Lower Upper
 105 100
 134 18.0 9.8 29.4

