

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060524\
 Data File : VX041743.D
 Acq On : 05 Jun 2024 12:32
 Operator : JC/MD
 Sample : P2660-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Jun 06 02:49:15 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X052924W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 30 07:36:24 2024
 Response via : Initial Calibration

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

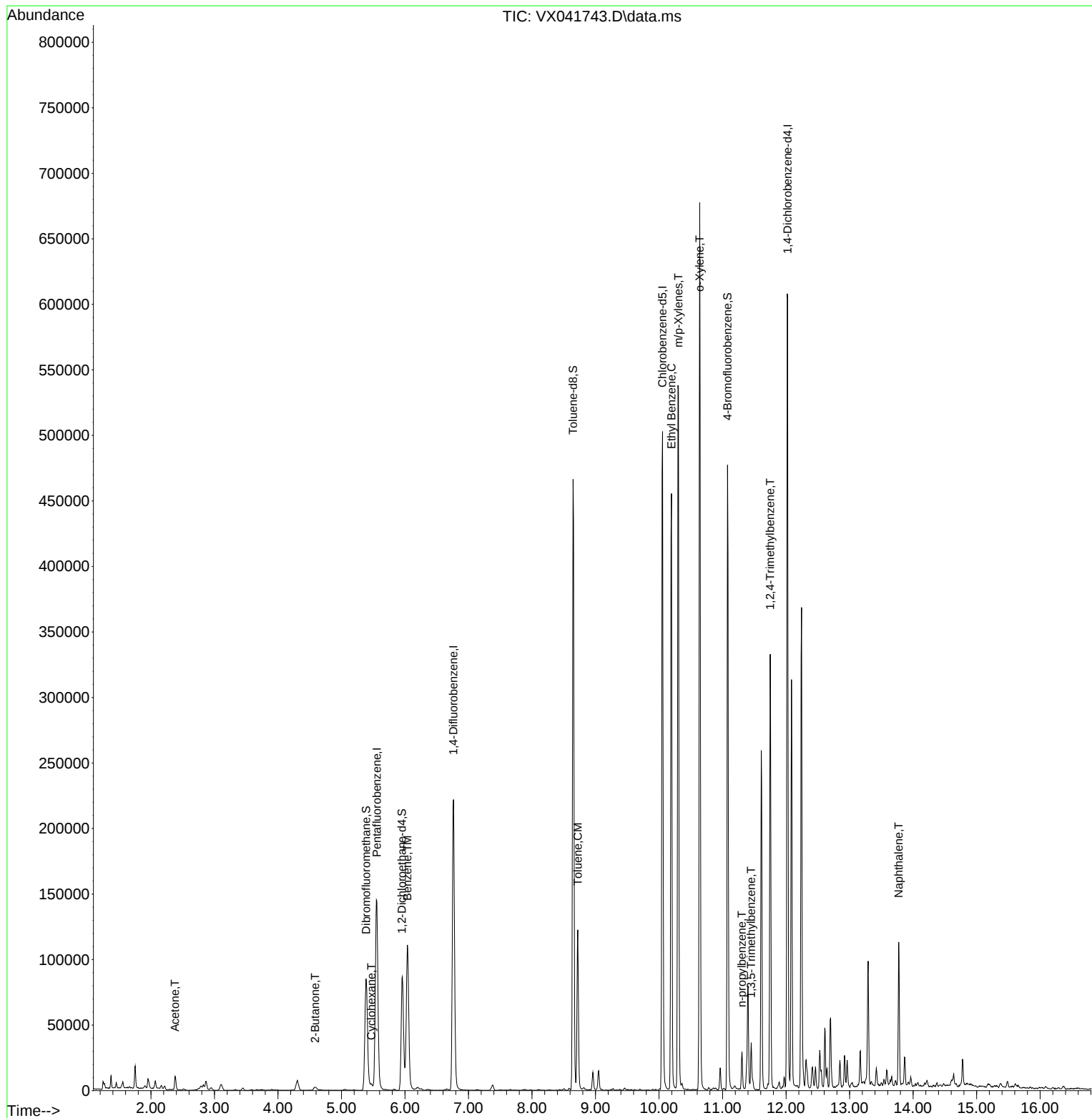
Internal Standards						
1) Pentafluorobenzene	5.556	168	154223	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	236058	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	237489	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	137007	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	86119	45.530	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	91.060%
35) Dibromofluoromethane	5.385	113	73742	45.183	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.360%
50) Toluene-d8	8.647	98	278211	48.786	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	97.580%
62) 4-Bromofluorobenzene	11.079	95	115060	54.666	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	109.340%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	11262	10.877	ug/l	98
25) 2-Butanone	4.587	43	3428	2.916	ug/l	100
31) Cyclohexane	5.471	56	2741	1.227	ug/l	# 78
40) Benzene	6.038	78	133216	21.566	ug/l	100
52) Toluene	8.720	92	47304	12.067	ug/l	98
67) Ethyl Benzene	10.195	91	265560	32.694	ug/l	99
68) m/p-Xylenes	10.305	106	128732	39.839	ug/l	96
69) o-Xylene	10.640	106	141573	44.041	ug/l	96
78) n-propylbenzene	11.305	91	17812	1.909	ug/l	97
80) 1,3,5-Trimethylbenzene	11.451	105	13766	1.940	ug/l	94
84) 1,2,4-Trimethylbenzene	11.750	105	143781	19.999	ug/l	92
95) Naphthalene	13.774	128	71940	8.106	ug/l	99

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

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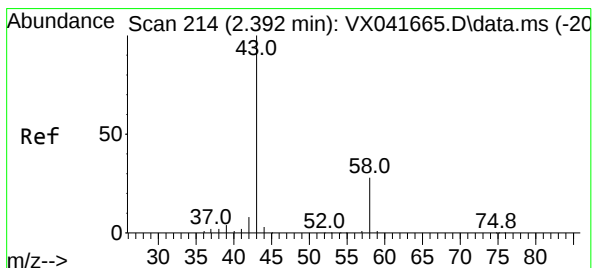
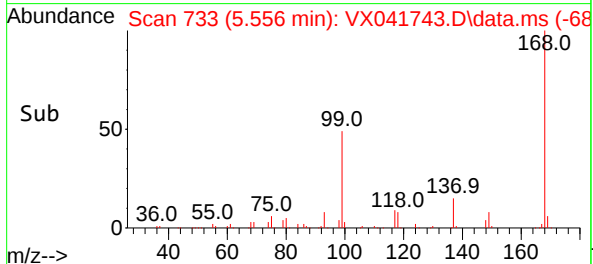
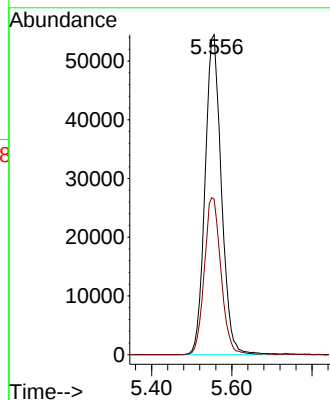
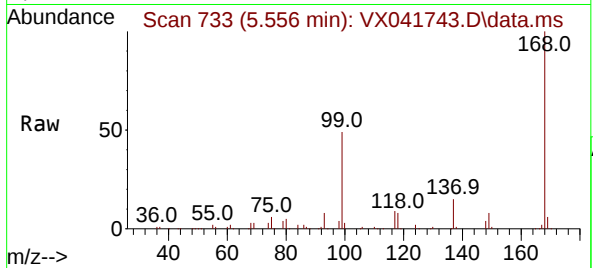




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

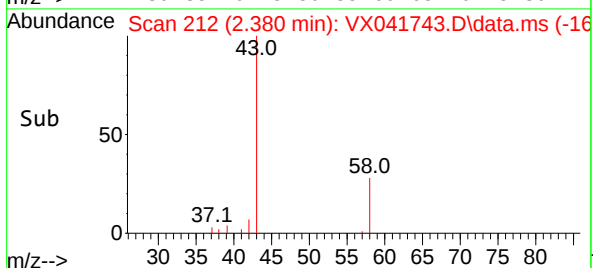
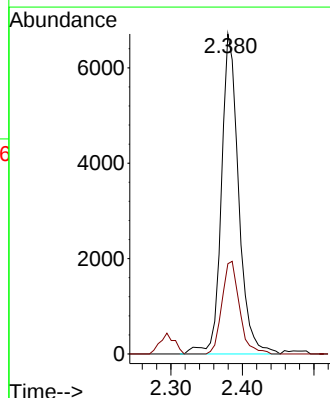
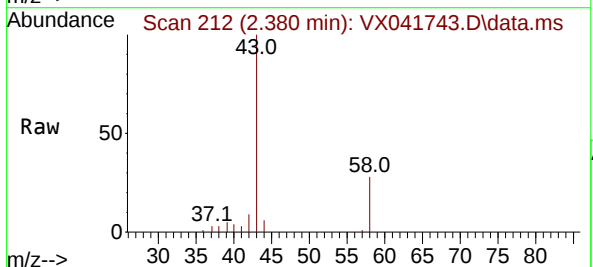
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

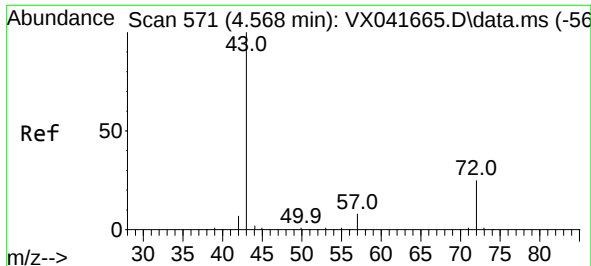
Tgt Ion:168 Resp: 154223
Ion Ratio Lower Upper
168 100
99 48.6 56.6 85.0#



#16
Acetone
Concen: 10.877 ug/l
RT: 2.380 min Scan# 212
Delta R.T. -0.012 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

Tgt Ion: 43 Resp: 11262
Ion Ratio Lower Upper
43 100
58 28.2 21.9 32.9

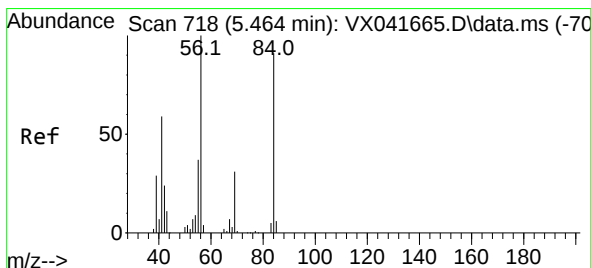
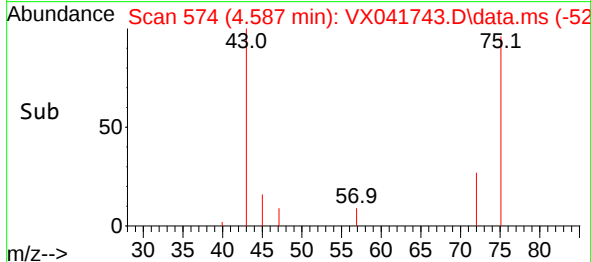
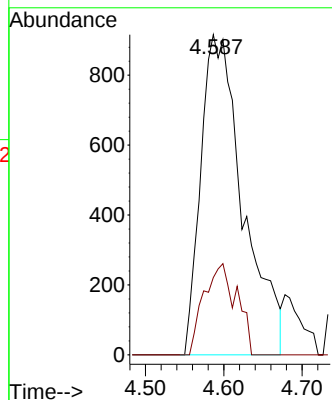
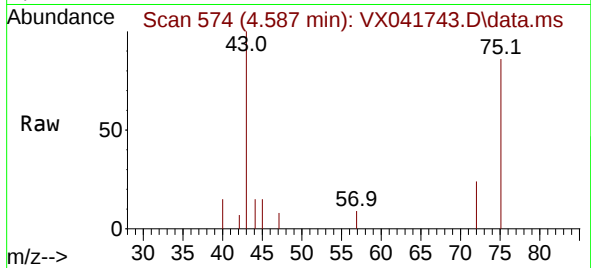




#25
2-Butanone
Concen: 2.916 ug/l
RT: 4.587 min Scan# 51
Delta R.T. 0.018 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

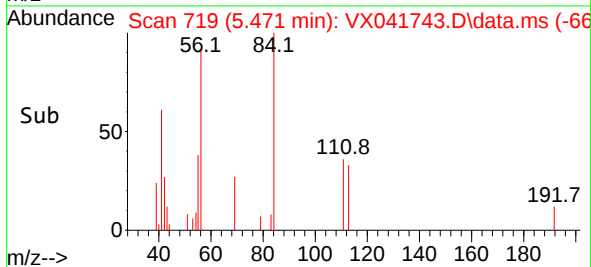
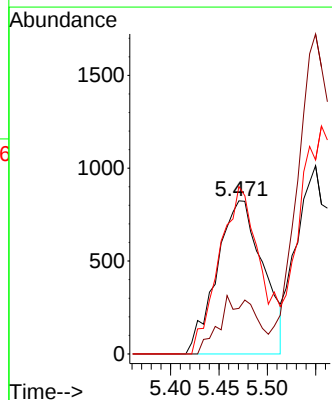
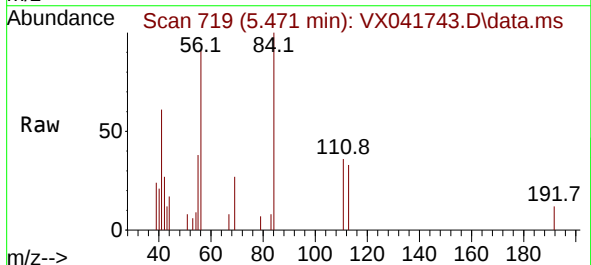
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

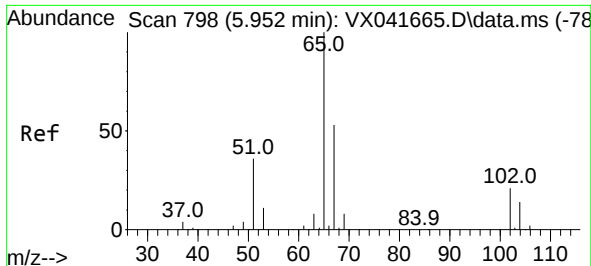
Tgt Ion: 43 Resp: 3428
Ion Ratio Lower Upper
43 100
72 24.1 19.4 29.2



#31
Cyclohexane
Concen: 1.227 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

Tgt Ion: 56 Resp: 2741
Ion Ratio Lower Upper
56 100
69 29.7 23.4 35.2
84 109.3 65.9 98.9#





#33

1,2-Dichloroethane-d4

Concen: 45.530 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

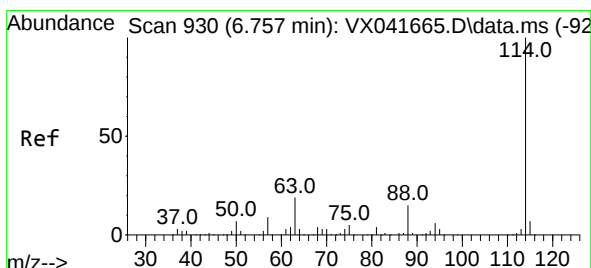
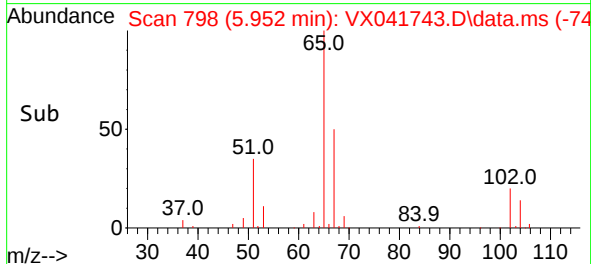
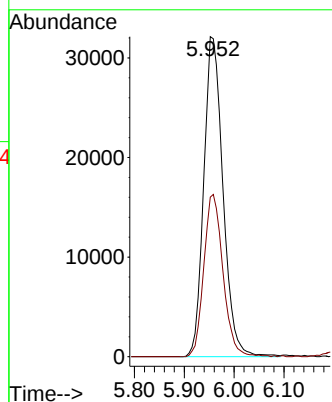
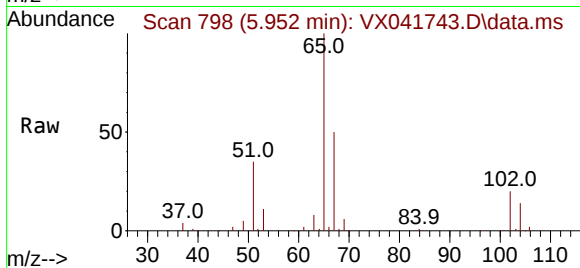
MW-12DL

Tgt Ion: 65 Resp: 86119

Ion Ratio Lower Upper

65 100

67 50.6 0.0 100.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.006 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

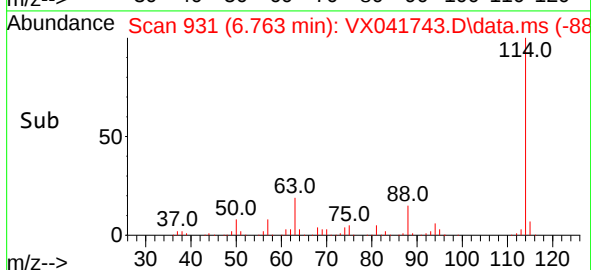
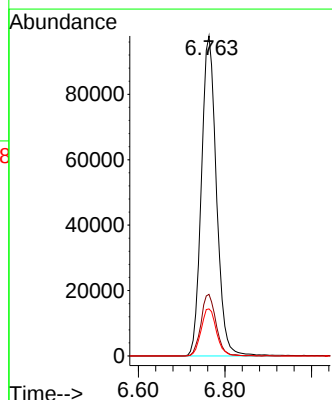
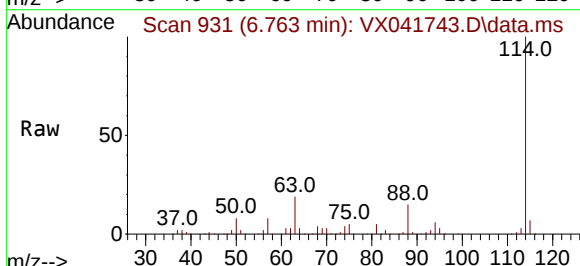
Tgt Ion: 114 Resp: 236058

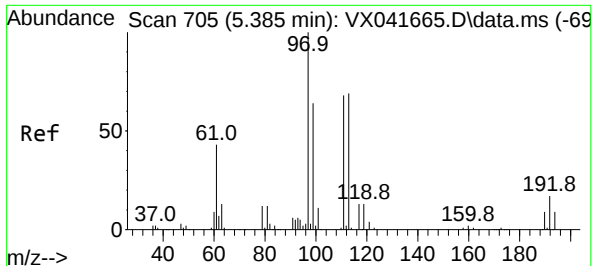
Ion Ratio Lower Upper

114 100

63 19.2 0.0 45.0

88 14.7 0.0 36.6

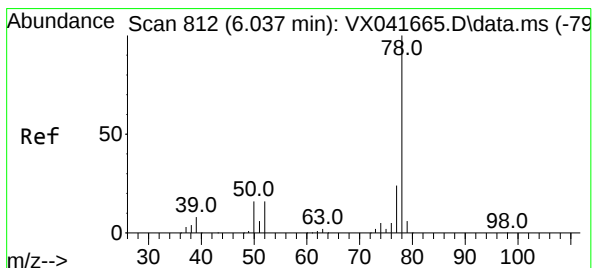
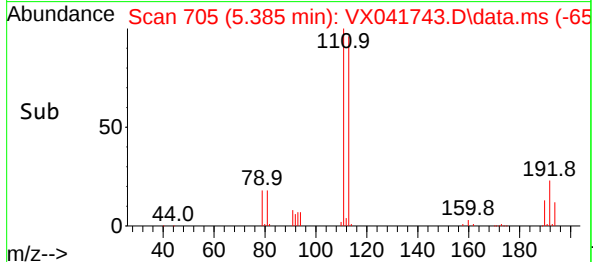
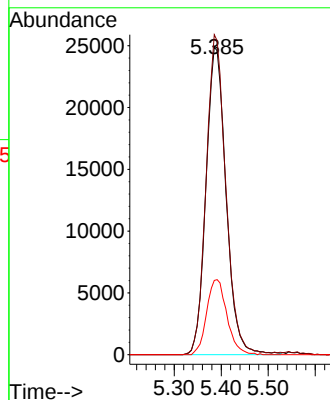
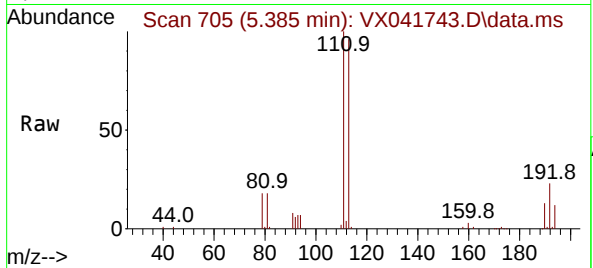




#35
Dibromofluoromethane
Concen: 45.183 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

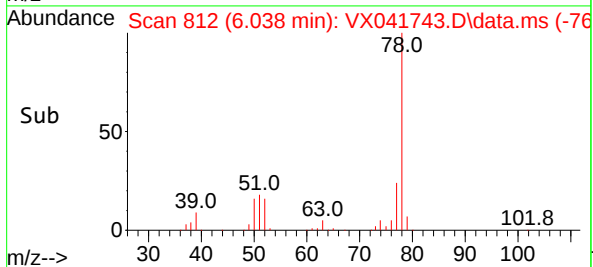
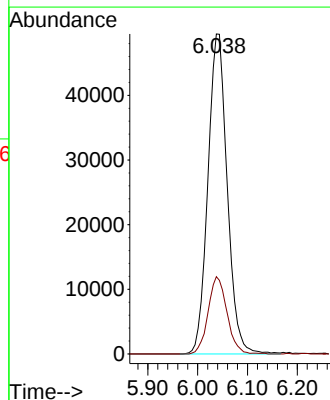
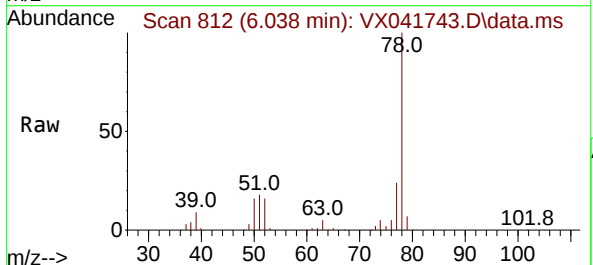
Instrument :
MSVOA_X
ClientSampleId :
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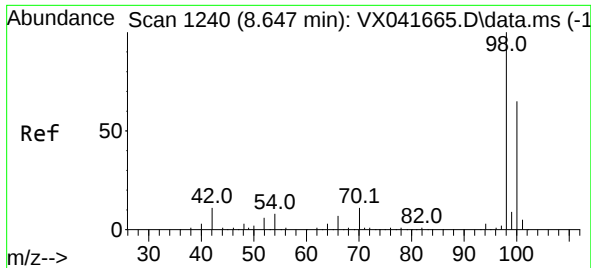
Tgt Ion:113 Resp: 73742
Ion Ratio Lower Upper
113 100
111 102.1 82.9 124.3
192 24.6 13.3 19.9#



#40
Benzene
Concen: 21.566 ug/l
RT: 6.038 min Scan# 812
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

Tgt Ion: 78 Resp: 133216
Ion Ratio Lower Upper
78 100
77 24.2 19.3 28.9

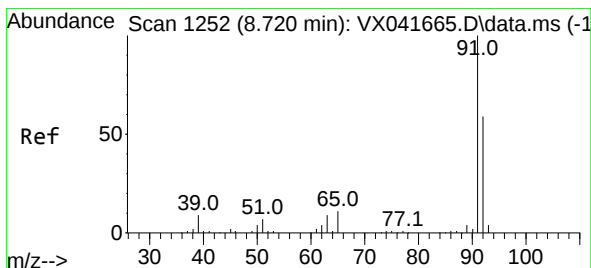
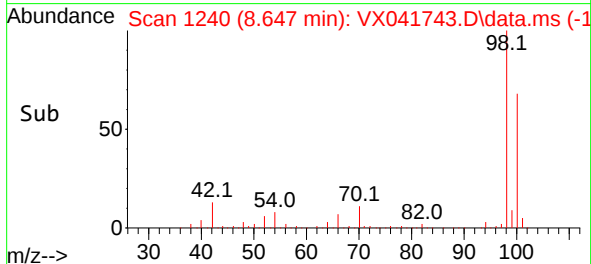
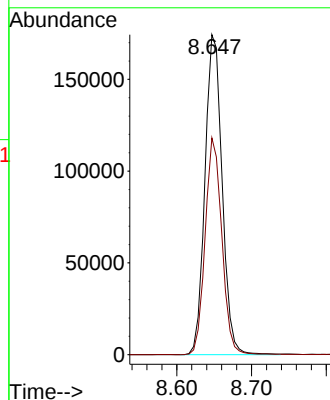
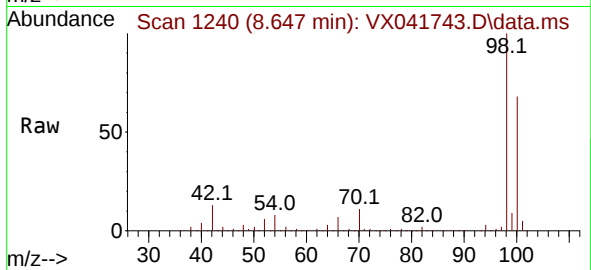




#50
Toluene-d8
Concen: 48.786 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

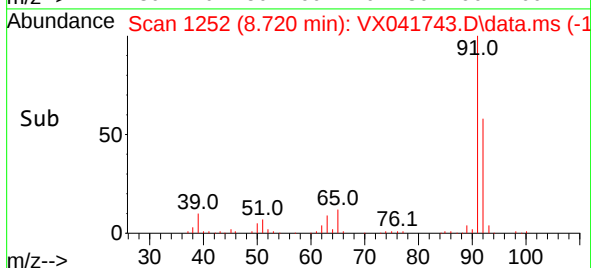
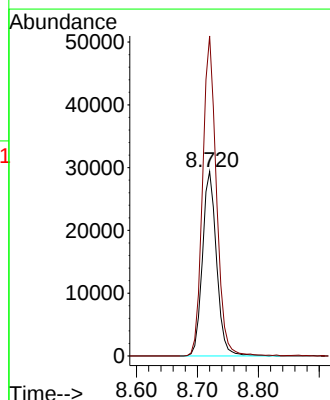
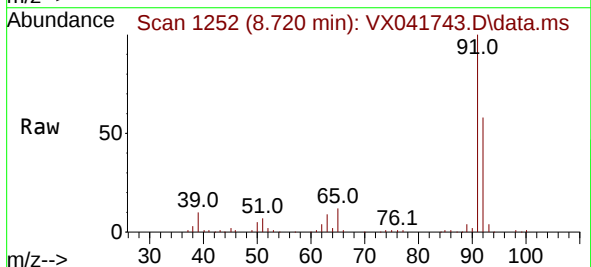
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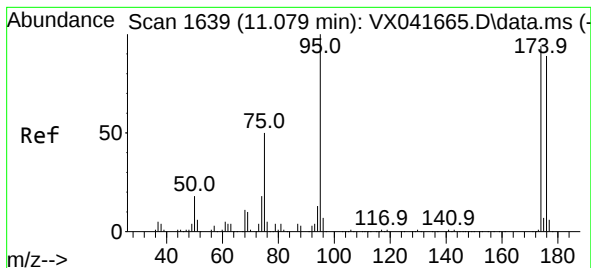
Tgt Ion: 98 Resp: 278211
Ion Ratio Lower Upper
98 100
100 66.0 53.1 79.7



#52
Toluene
Concen: 12.067 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

Tgt Ion: 92 Resp: 47304
Ion Ratio Lower Upper
92 100
91 170.3 134.2 201.2

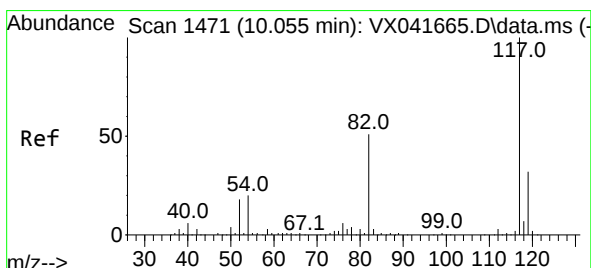
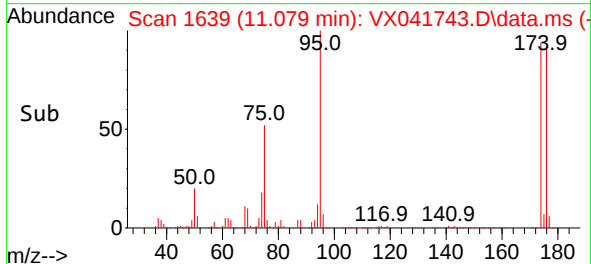
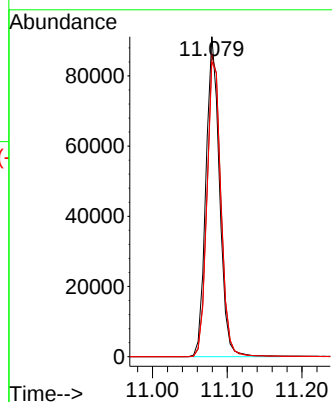
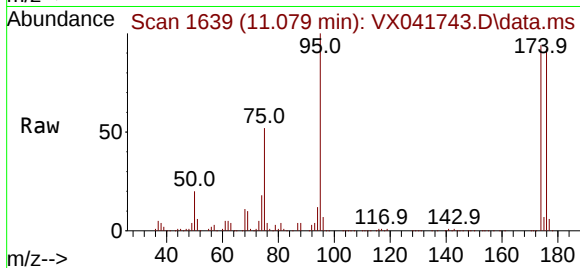




#62
4-Bromofluorobenzene
Concen: 54.666 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

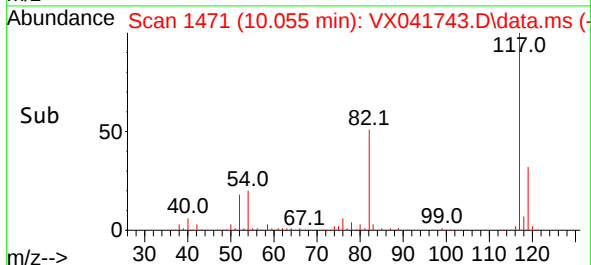
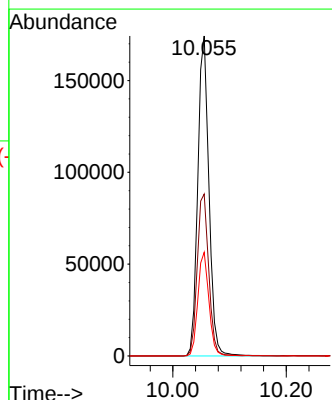
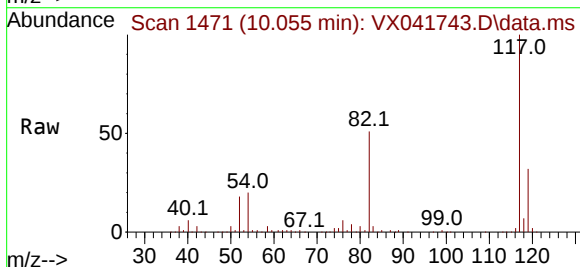
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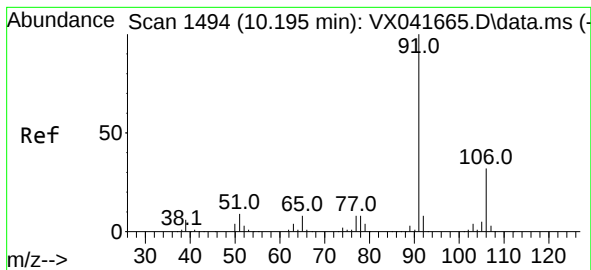
Tgt Ion: 95 Resp: 115060
Ion Ratio Lower Upper
95 100
174 96.4 0.0 135.6
176 94.8 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041743.D
Acq: 05 Jun 2024 12:32

Tgt Ion: 117 Resp: 237489
Ion Ratio Lower Upper
117 100
82 50.6 46.2 69.4
119 32.4 25.5 38.3





#67

Ethyl Benzene

Concen: 32.694 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

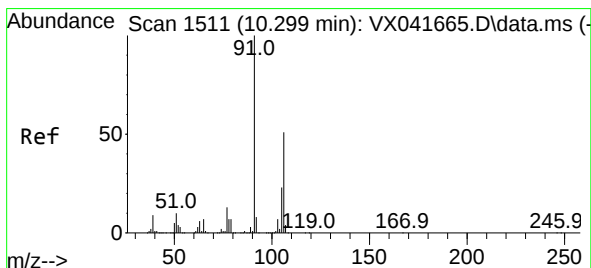
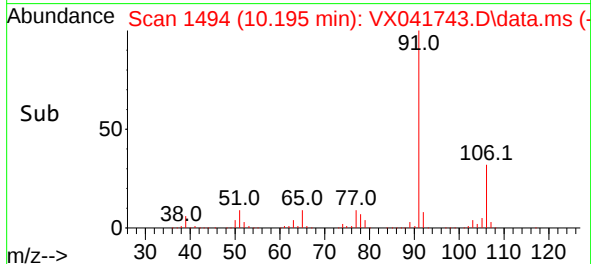
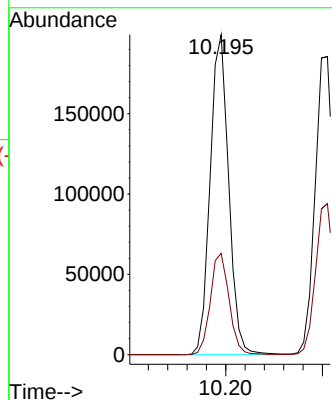
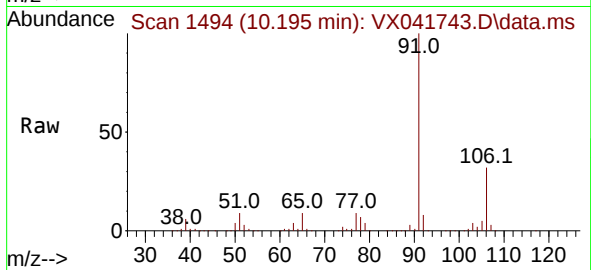
MW-12DL

Tgt Ion: 91 Resp: 265560

Ion Ratio Lower Upper

91 100

106 31.6 24.9 37.3



#68

m/p-Xylenes

Concen: 39.839 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX041743.D

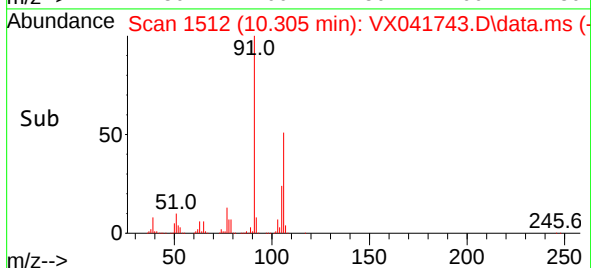
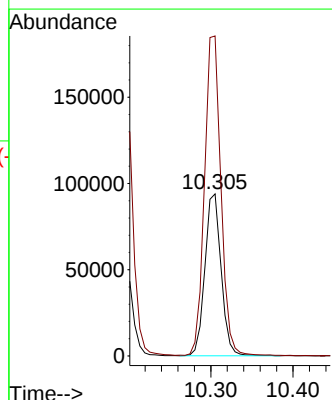
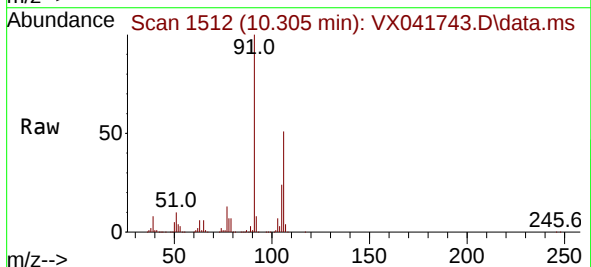
Acq: 05 Jun 2024 12:32

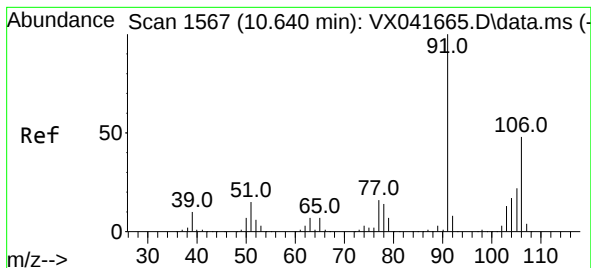
Tgt Ion: 106 Resp: 128732

Ion Ratio Lower Upper

106 100

91 200.3 165.5 248.3





#69

o-Xylene

Concen: 44.041 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

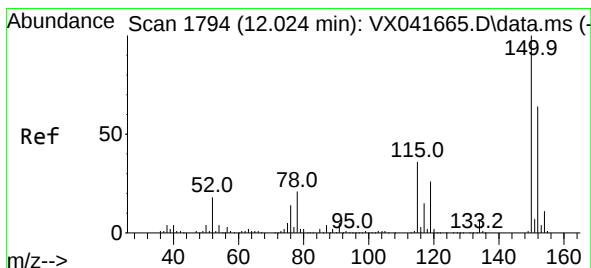
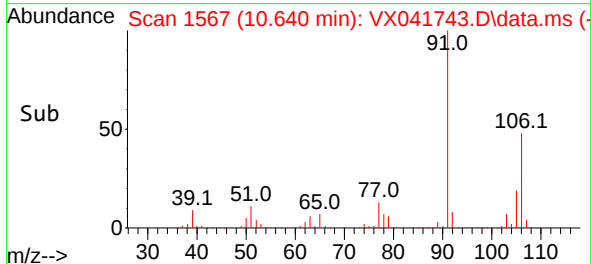
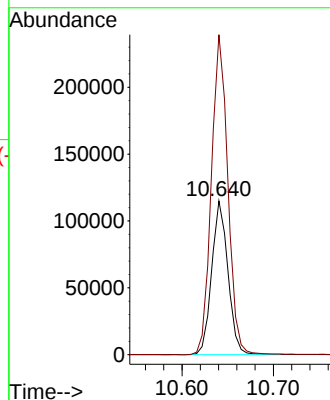
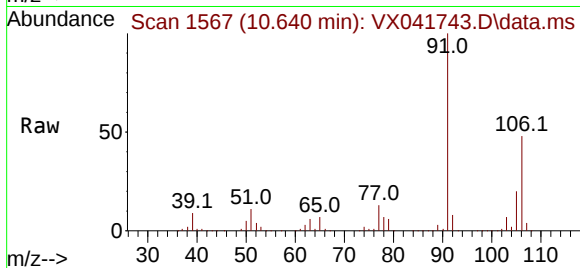
MW-12DL

Tgt Ion:106 Resp: 141573

Ion Ratio Lower Upper

106 100

91 211.1 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

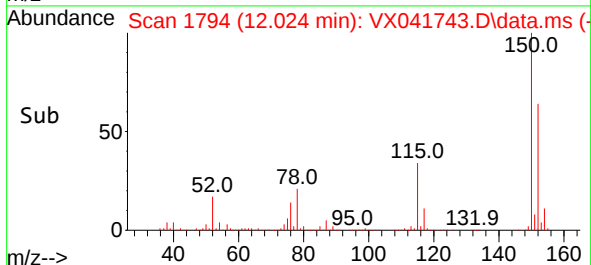
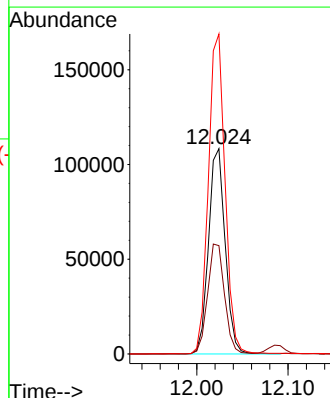
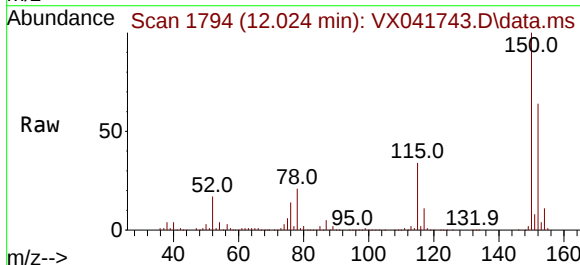
Tgt Ion:152 Resp: 137007

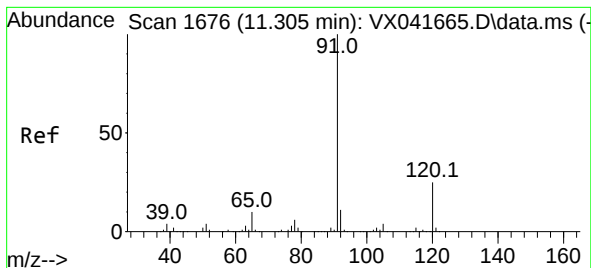
Ion Ratio Lower Upper

152 100

115 54.3 43.3 129.9

150 156.0 0.0 345.0





#78

n-propylbenzene

Concen: 1.909 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

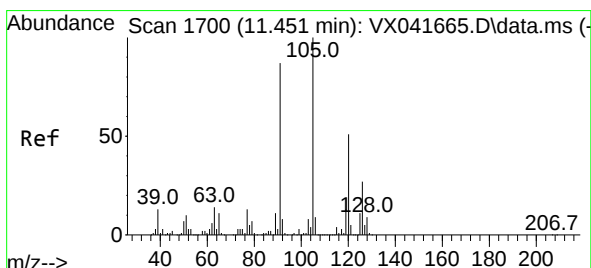
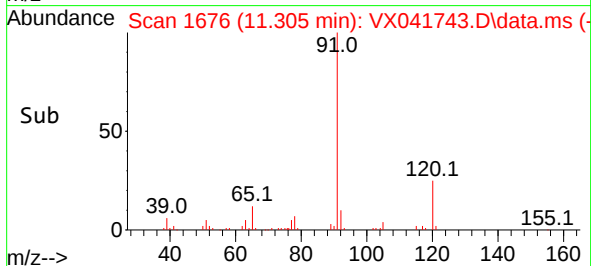
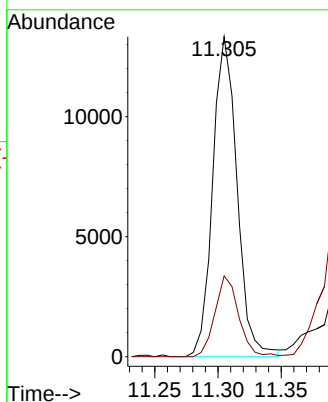
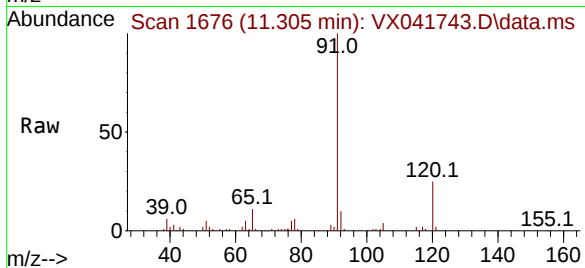
MW-12DL

Tgt Ion: 91 Resp: 17812

Ion Ratio Lower Upper

91 100

120 24.6 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 1.940 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041743.D

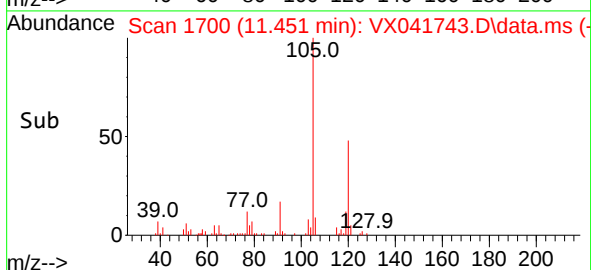
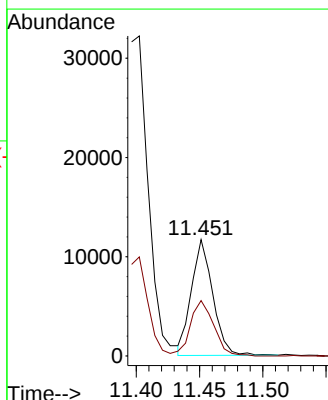
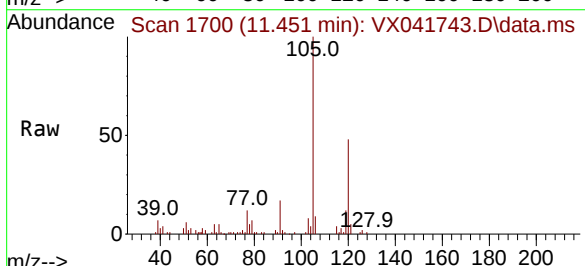
Acq: 05 Jun 2024 12:32

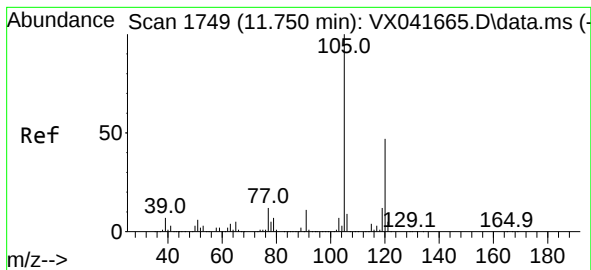
Tgt Ion: 105 Resp: 13766

Ion Ratio Lower Upper

105 100

120 52.3 24.1 72.3





#84

1,2,4-Trimethylbenzene

Concen: 19.999 ug/l

RT: 11.750 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Instrument :

MSVOA_X

ClientSampleId :

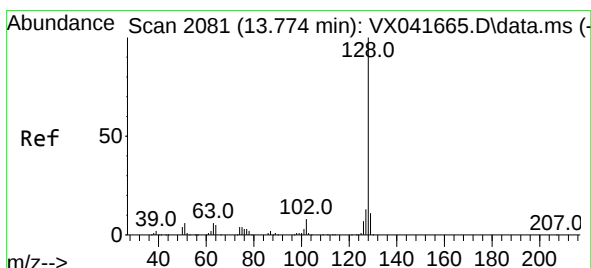
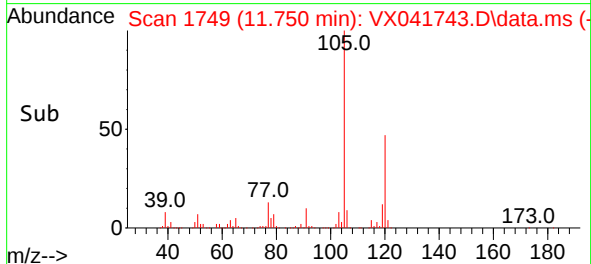
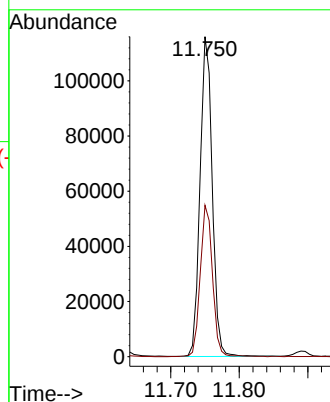
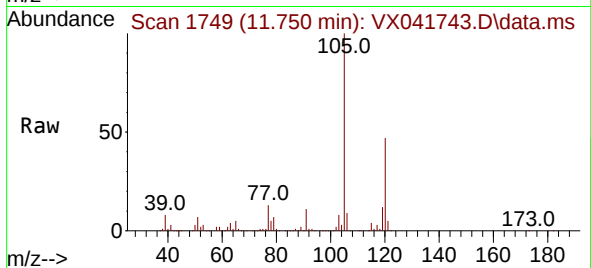
MW-12DL

Tgt Ion:105 Resp: 143781

Ion Ratio Lower Upper

105 100

120 47.7 21.2 63.6



#95

Naphthalene

Concen: 8.106 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX041743.D

Acq: 05 Jun 2024 12:32

Tgt Ion:128 Resp: 71940

Ion Ratio Lower Upper

128 100

127 12.4 10.3 15.5

129 11.2 8.8 13.2

