

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX060424\
 Data File : VX041731.D
 Acq On : 04 Jun 2024 13:31
 Operator : JC/MD
 Sample : P2660-06DL 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

Quant Time: Jun 05 04:55:55 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)

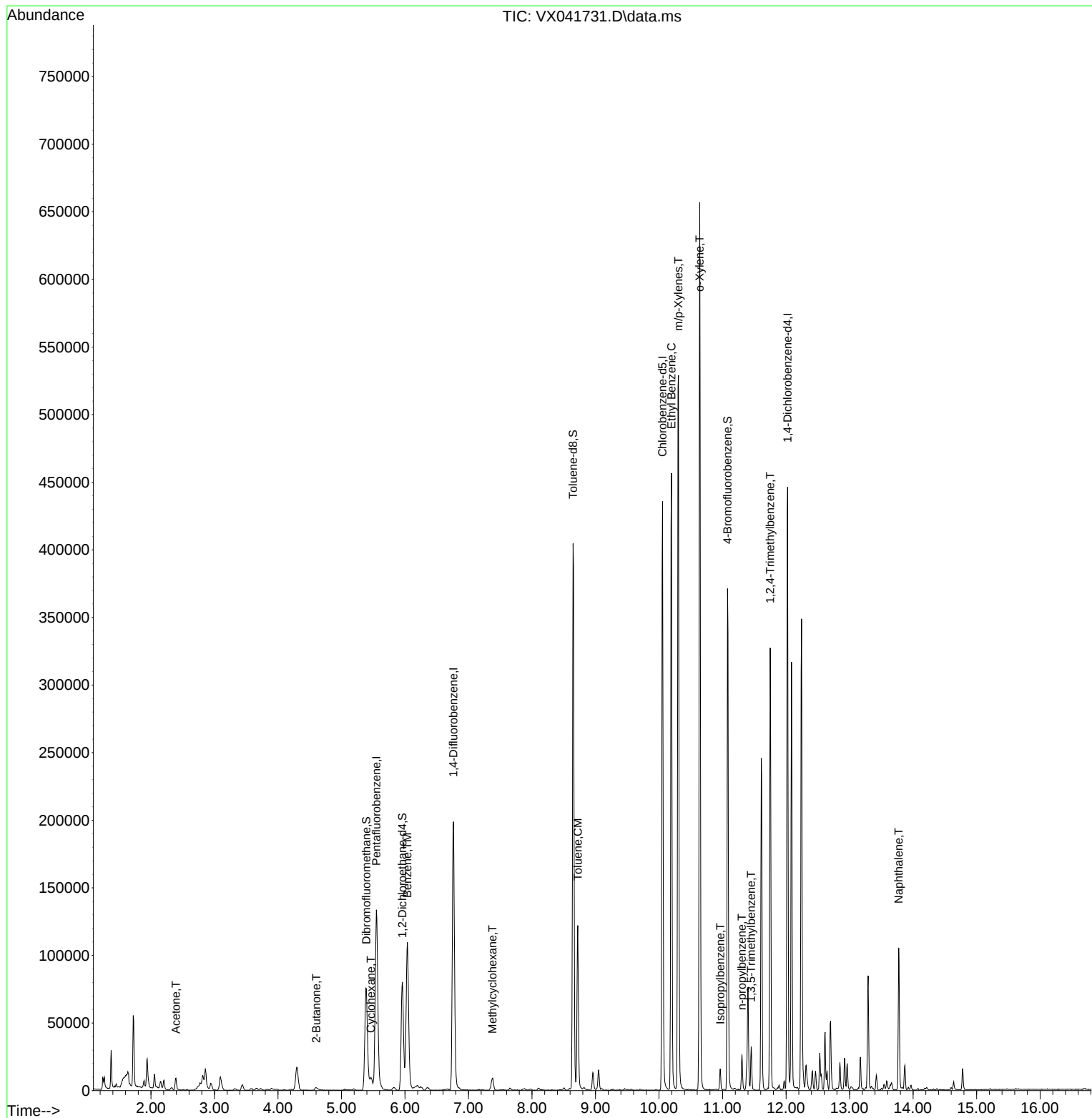
Internal Standards						
1) Pentafluorobenzene	5.550	168	139221	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	211688	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	199624	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	98895	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	79170	46.366	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	92.740%
35) Dibromofluoromethane	5.391	113	65365	44.660	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	89.320%
50) Toluene-d8	8.647	98	245696	48.044	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	96.080%
62) 4-Bromofluorobenzene	11.079	95	91597	48.529	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	97.060%
Target Compounds						
						Qvalue
16) Acetone	2.392	43	9840	10.440	ug/l	96
25) 2-Butanone	4.605	43	3551	3.346	ug/l	# 82
31) Cyclohexane	5.464	56	5794	2.874	ug/l	90
39) Methylcyclohexane	7.379	83	3925	1.803	ug/l	94
40) Benzene	6.037	78	131552	23.749	ug/l	99
52) Toluene	8.720	92	46512	13.231	ug/l	97
67) Ethyl Benzene	10.195	91	260421	38.143	ug/l	97
68) m/p-Xylenes	10.305	106	127596	46.977	ug/l	95
69) o-Xylene	10.640	106	139977	51.804	ug/l	96
73) Isopropylbenzene	10.963	105	7722	1.259	ug/l	94
78) n-propylbenzene	11.305	91	16420	2.438	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	14167	2.766	ug/l	99
84) 1,2,4-Trimethylbenzene	11.750	105	143118	27.579	ug/l	93
95) Naphthalene	13.774	128	69746	10.887	ug/l	99

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

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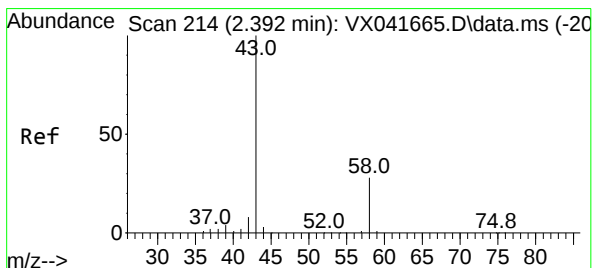
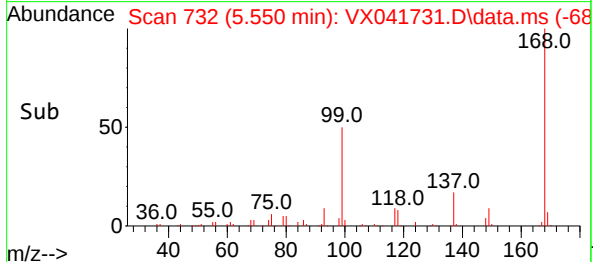
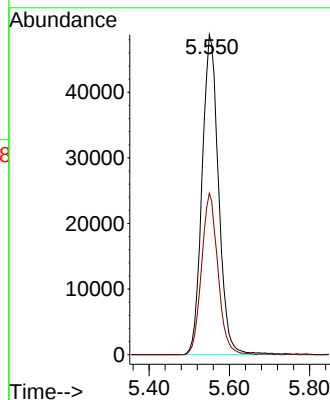
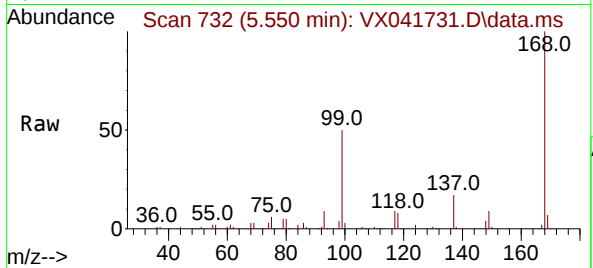




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 732
Delta R.T. -0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

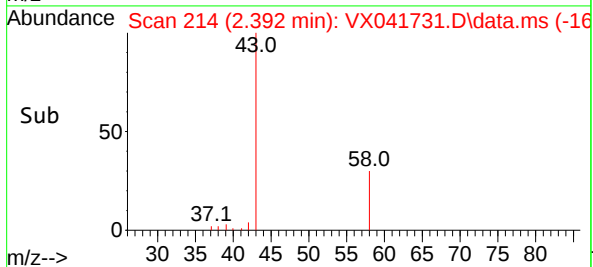
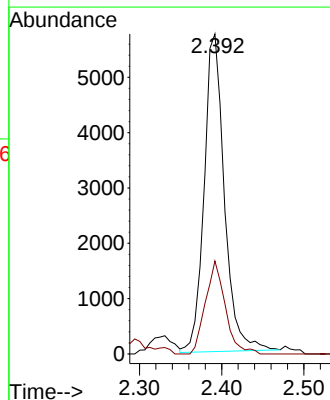
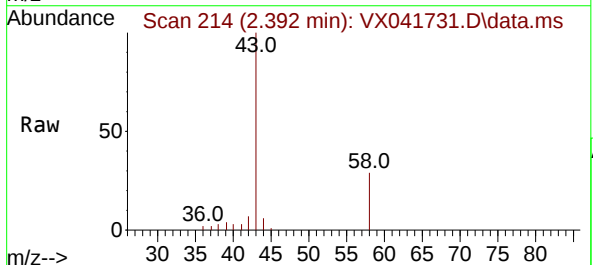
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

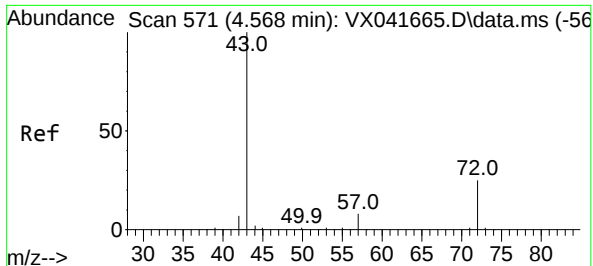
Tgt Ion:168 Resp: 139221
Ion Ratio Lower Upper
168 100
99 50.5 56.6 85.0#



#16
Acetone
Concen: 10.440 ug/l
RT: 2.392 min Scan# 214
Delta R.T. -0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion: 43 Resp: 9840
Ion Ratio Lower Upper
43 100
58 29.4 21.9 32.9





#25

2-Butanone

Concen: 3.346 ug/l

RT: 4.605 min Scan# 5

Delta R.T. 0.037 min

Lab File: VX041731.D

Acq: 04 Jun 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

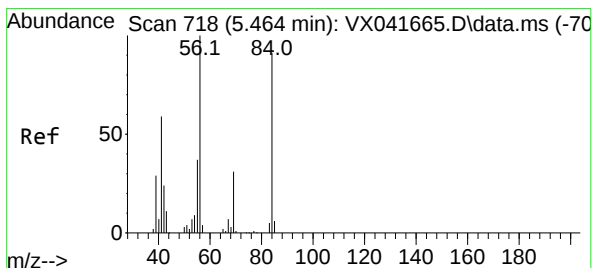
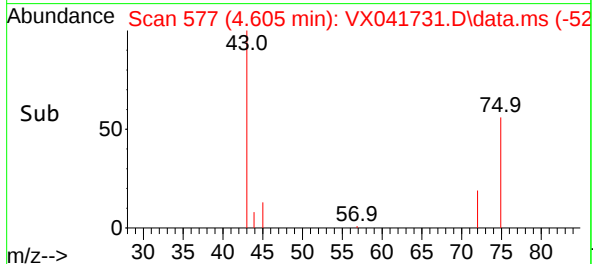
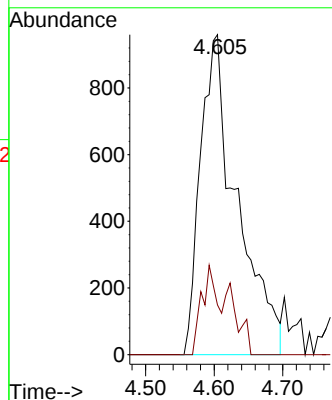
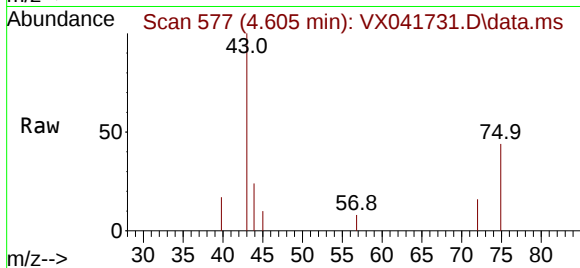
MW-12DL

Tgt Ion: 43 Resp: 3551

Ion Ratio Lower Upper

43 100

72 15.5 19.4 29.2#



#31

Cyclohexane

Concen: 2.874 ug/l

RT: 5.464 min Scan# 718

Delta R.T. 0.000 min

Lab File: VX041731.D

Acq: 04 Jun 2024 13:31

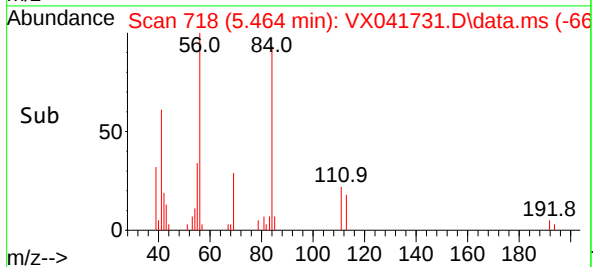
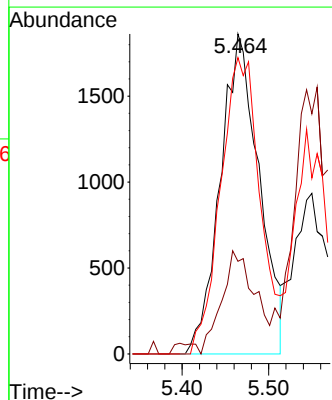
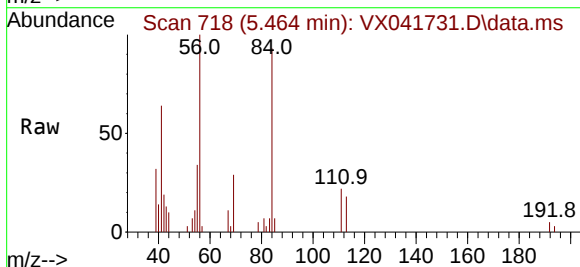
Tgt Ion: 56 Resp: 5794

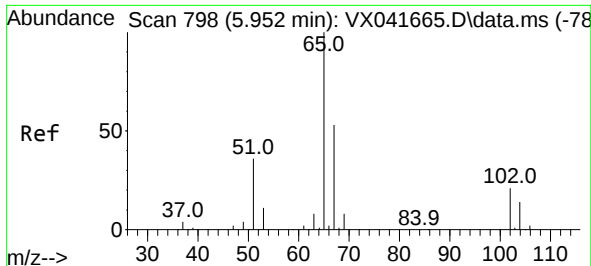
Ion Ratio Lower Upper

56 100

69 25.6 23.4 35.2

84 92.6 65.9 98.9





#33

1,2-Dichloroethane-d4

Concen: 46.366 ug/l

RT: 5.958 min Scan# 798

Delta R.T. 0.006 min

Lab File: VX041731.D

Acq: 04 Jun 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

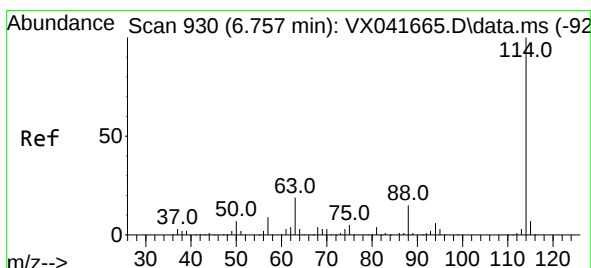
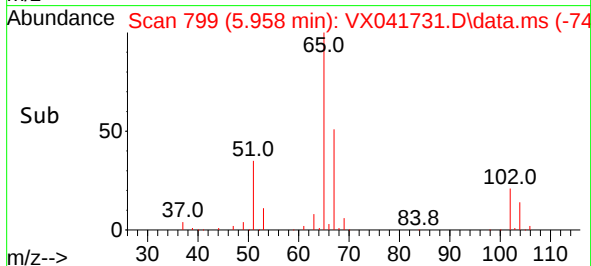
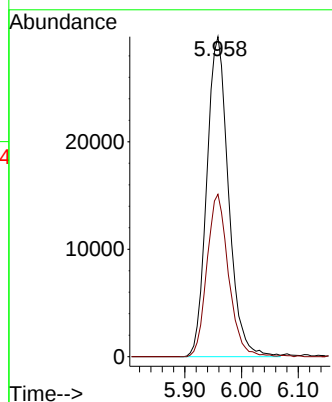
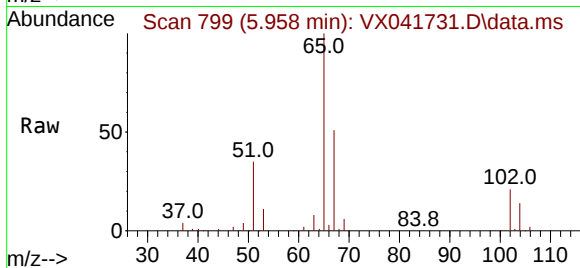
MW-12DL

Tgt Ion: 65 Resp: 79170

Ion Ratio Lower Upper

65 100

67 50.4 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: VX041731.D

Acq: 04 Jun 2024 13:31

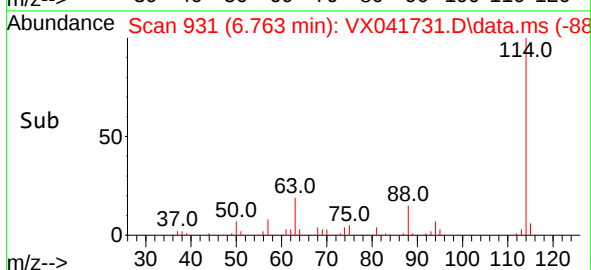
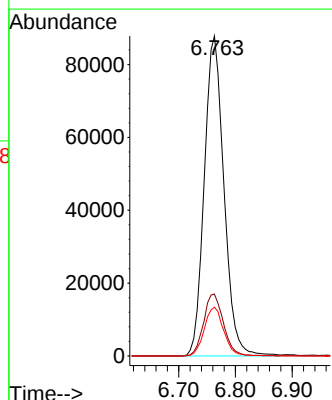
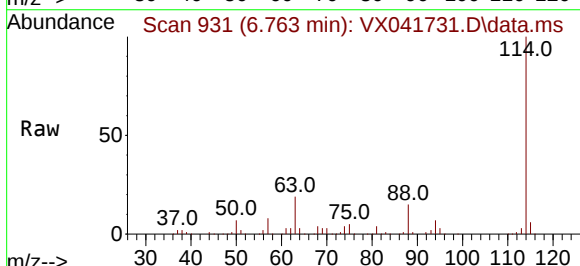
Tgt Ion: 114 Resp: 211688

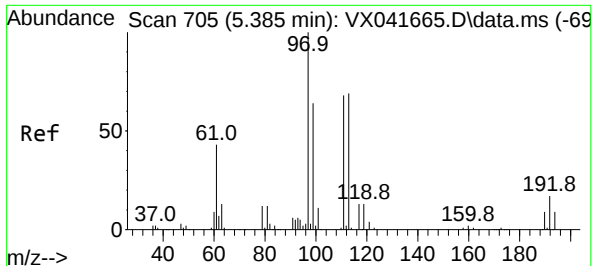
Ion Ratio Lower Upper

114 100

63 19.4 0.0 45.0

88 15.3 0.0 36.6

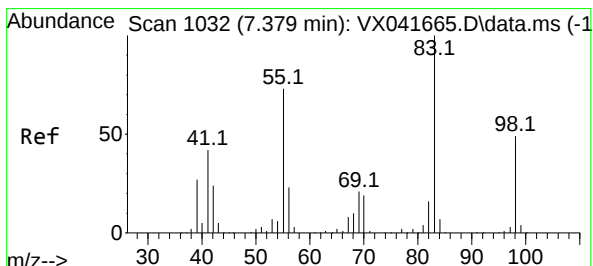
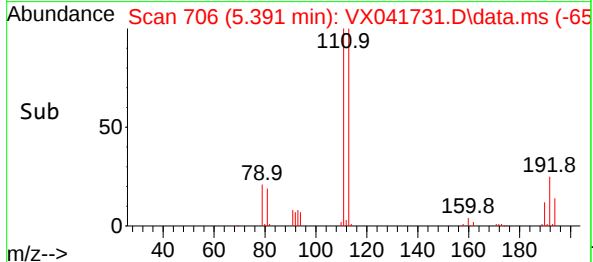
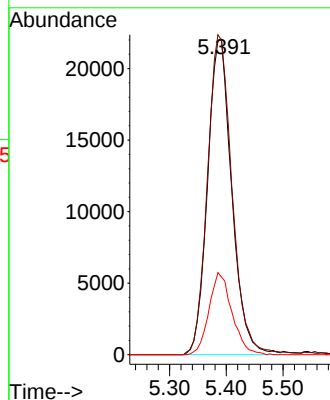
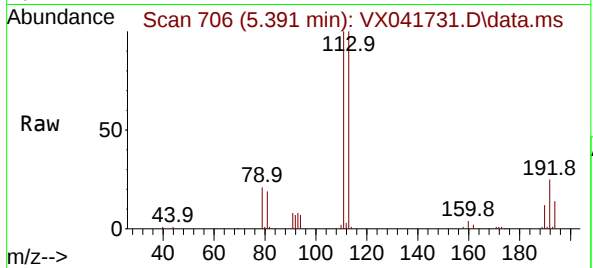




#35
Dibromofluoromethane
Concen: 44.660 ug/l
RT: 5.391 min Scan# 705
Delta R.T. 0.006 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

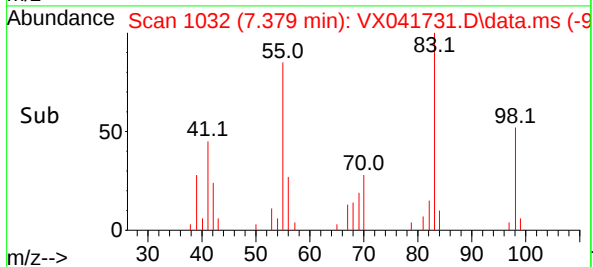
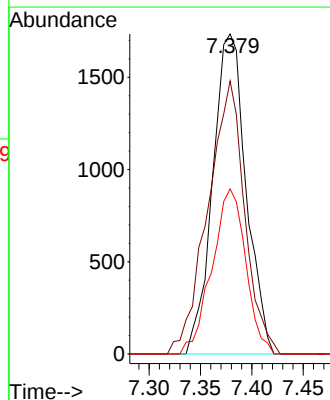
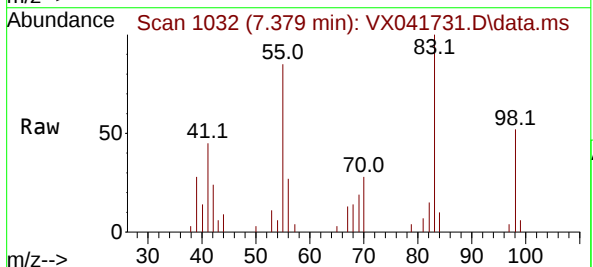
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

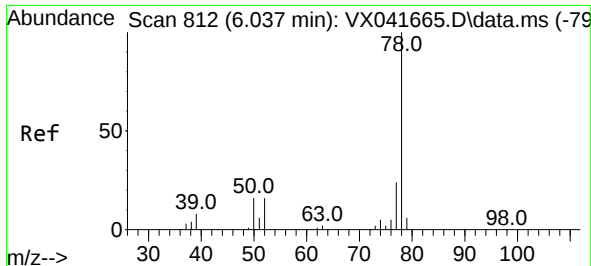
Tgt Ion:113 Resp: 65365
Ion Ratio Lower Upper
113 100
111 103.2 82.9 124.3
192 24.7 13.3 19.9#



#39
Methylcyclohexane
Concen: 1.803 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion: 83 Resp: 3925
Ion Ratio Lower Upper
83 100
55 85.3 64.6 97.0
98 51.6 36.7 55.1





#40

Benzene

Concen: 23.749 ug/l

RT: 6.037 min Scan# 812

Delta R.T. 0.000 min

Lab File: VX041731.D

Acq: 04 Jun 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

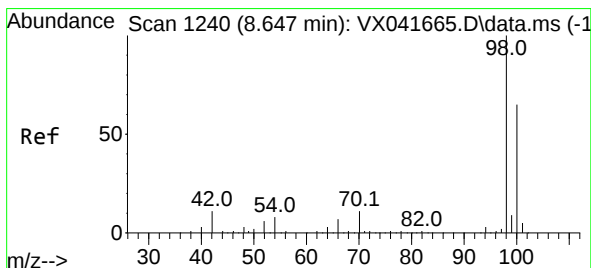
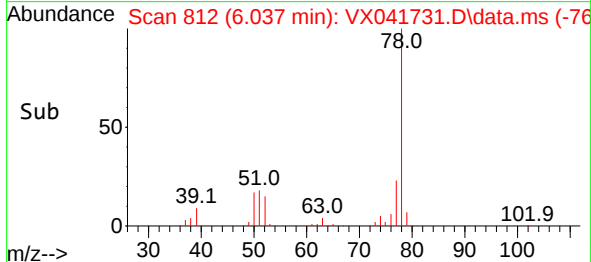
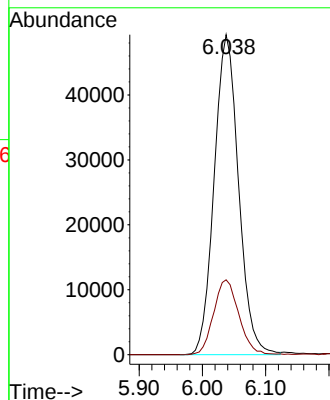
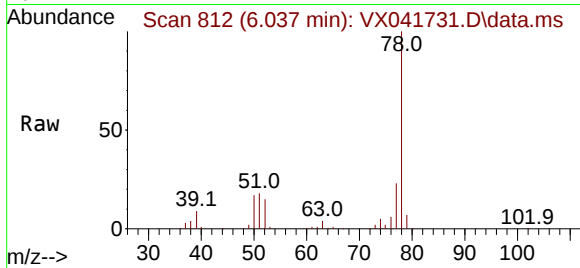
MW-12DL

Tgt Ion: 78 Resp: 131552

Ion Ratio Lower Upper

78 100

77 23.4 19.3 28.9



#50

Toluene-d8

Concen: 48.044 ug/l

RT: 8.647 min Scan# 1240

Delta R.T. 0.000 min

Lab File: VX041731.D

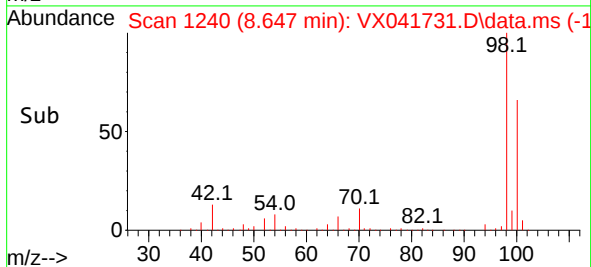
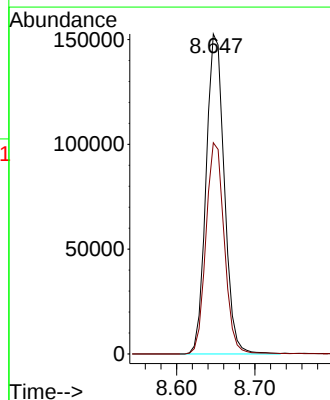
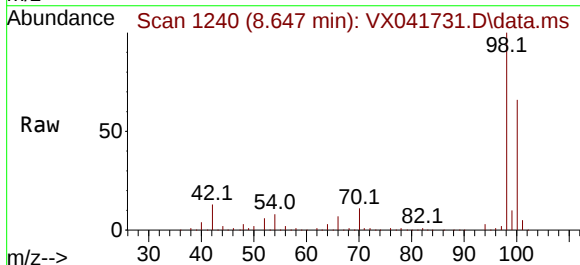
Acq: 04 Jun 2024 13:31

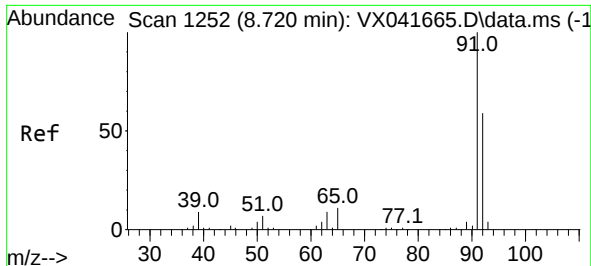
Tgt Ion: 98 Resp: 245696

Ion Ratio Lower Upper

98 100

100 66.6 53.1 79.7

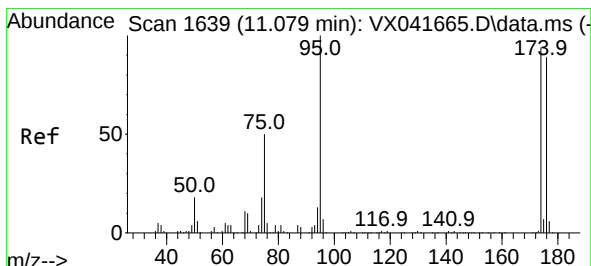
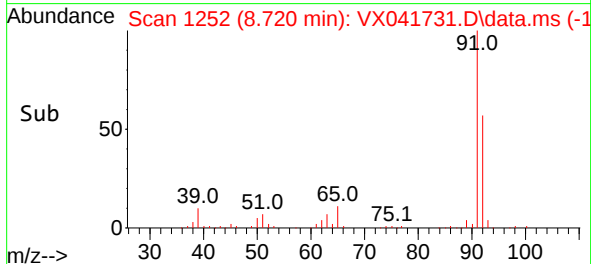
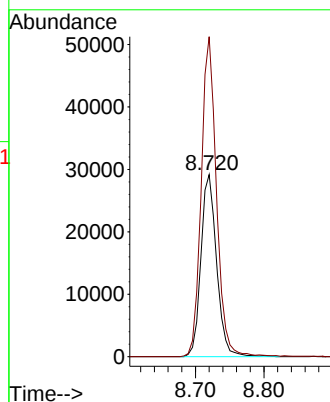
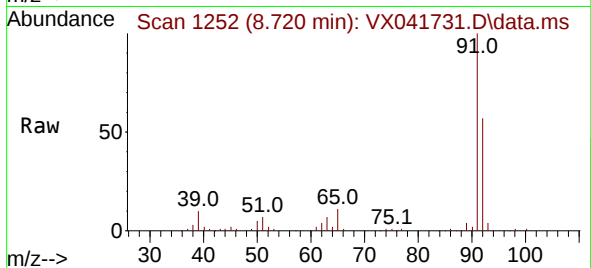




#52
Toluene
Concen: 13.231 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

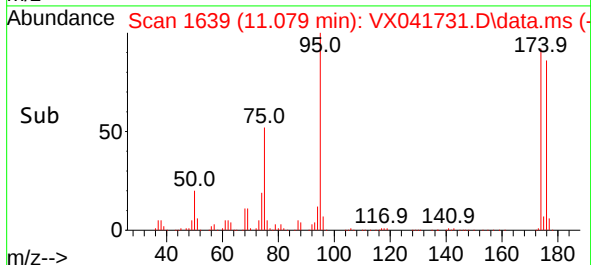
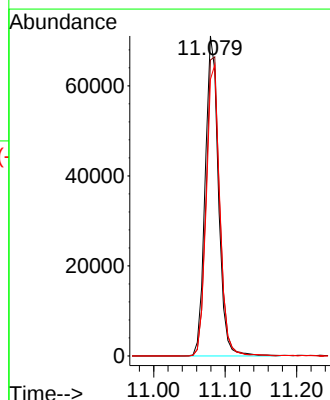
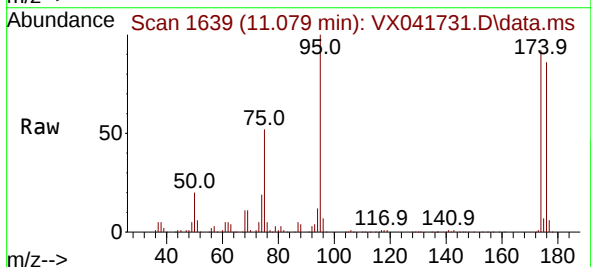
Instrument :
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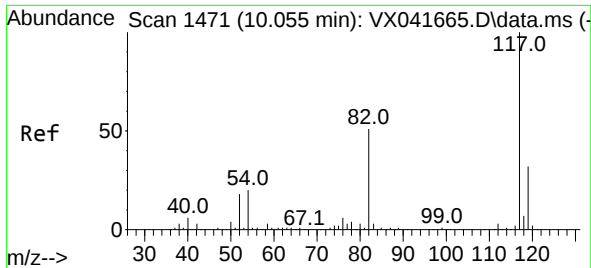
Tgt Ion: 92 Resp: 46512
Ion Ratio Lower Upper
92 100
91 171.4 134.2 201.2



#62
4-Bromofluorobenzene
Concen: 48.529 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion: 95 Resp: 91597
Ion Ratio Lower Upper
95 100
174 96.2 0.0 135.6
176 92.8 0.0 131.0

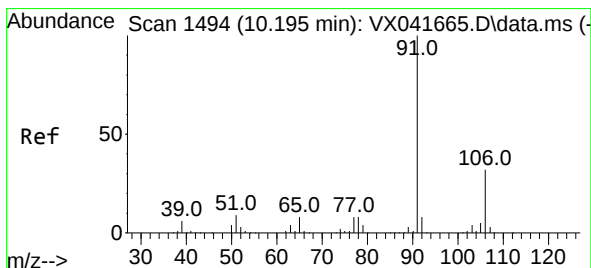
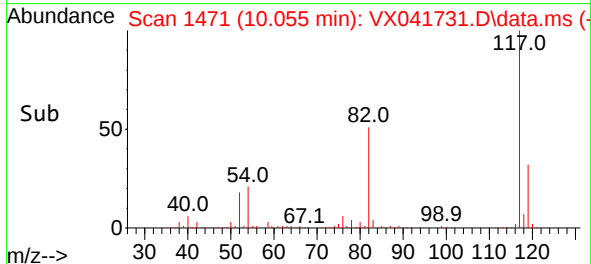
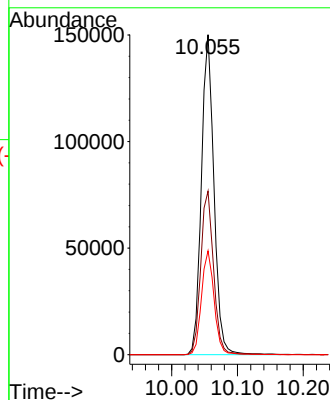
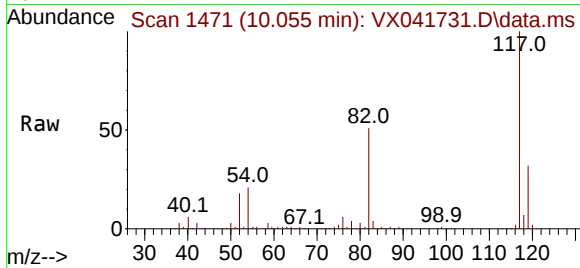




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

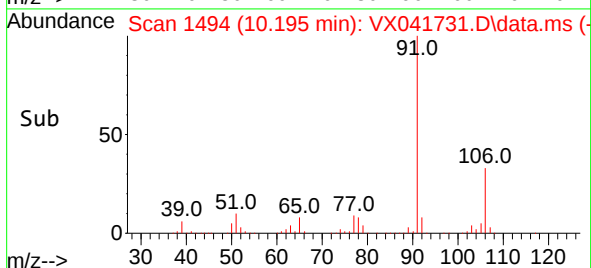
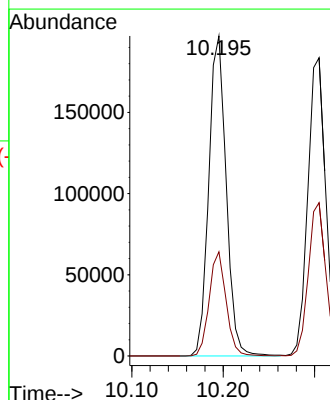
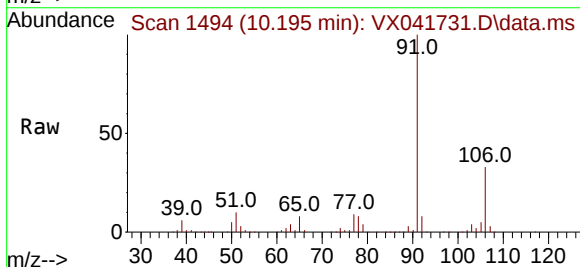
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

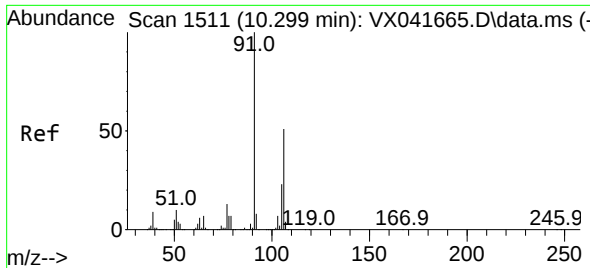
Tgt Ion:117 Resp: 199624
Ion Ratio Lower Upper
117 100
82 51.1 46.2 69.4
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 38.143 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion: 91 Resp: 260421
Ion Ratio Lower Upper
91 100
106 32.6 24.9 37.3

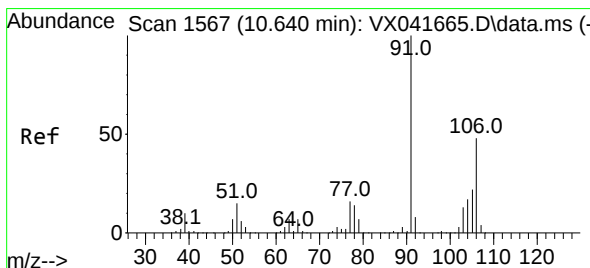
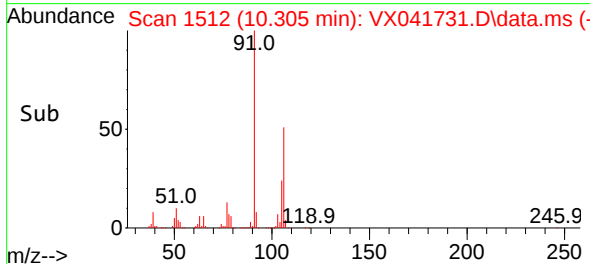
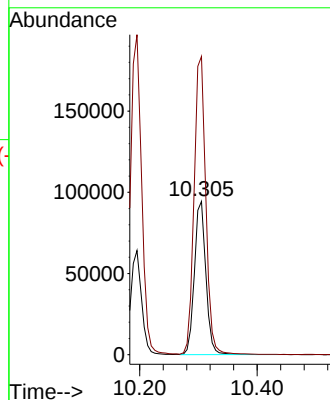
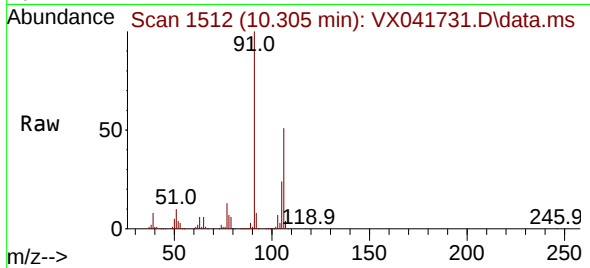




#68
m/p-Xylenes
Concen: 46.977 ug/l
RT: 10.305 min Scan# 1511
Delta R.T. 0.006 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

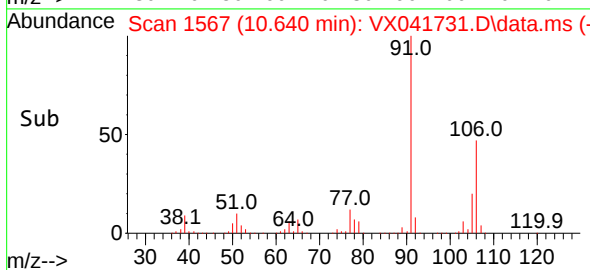
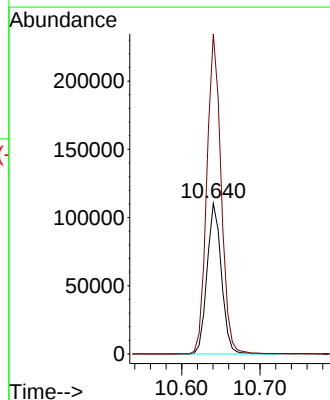
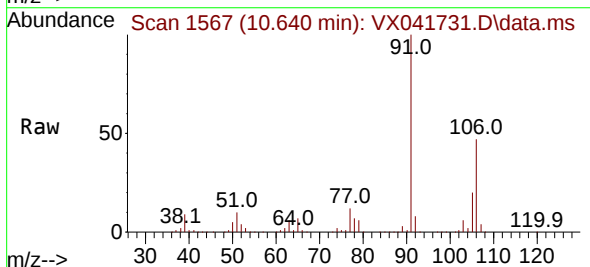
Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

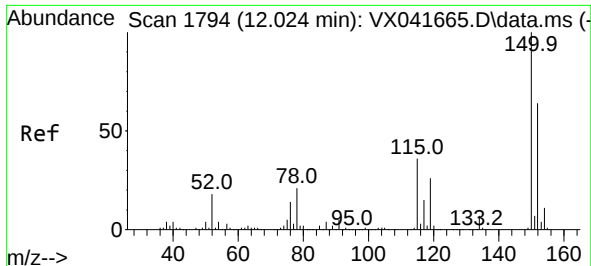
Tgt Ion:106 Resp: 127596
Ion Ratio Lower Upper
106 100
91 198.8 165.5 248.3



#69
o-Xylene
Concen: 51.804 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion:106 Resp: 139977
Ion Ratio Lower Upper
106 100
91 212.3 108.9 326.8

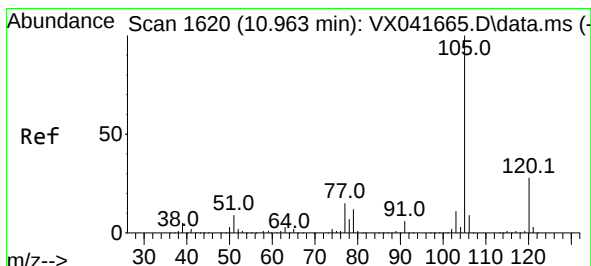
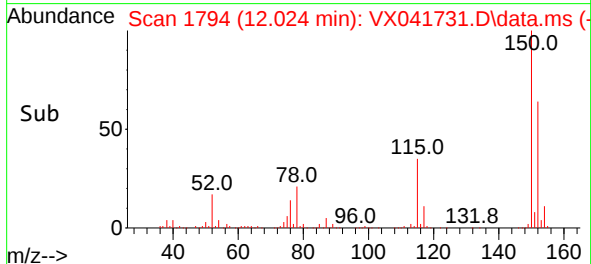
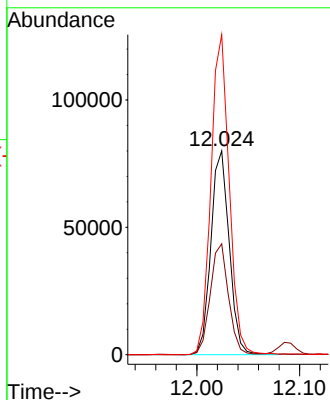
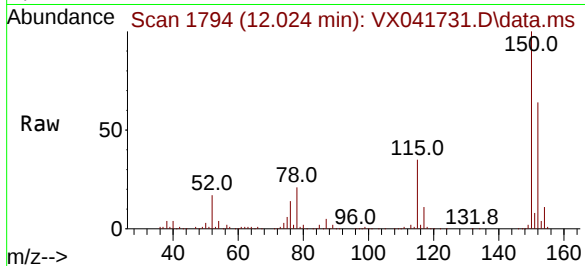




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 1794
 Delta R.T. 0.000 min
 Lab File: VX041731.D
 Acq: 04 Jun 2024 13:31

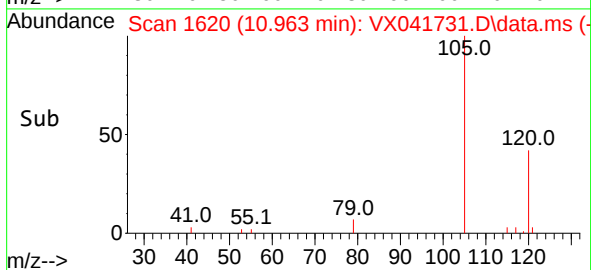
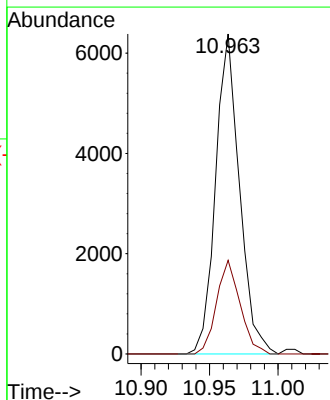
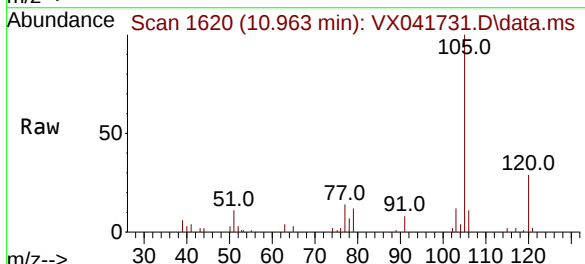
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-12DL

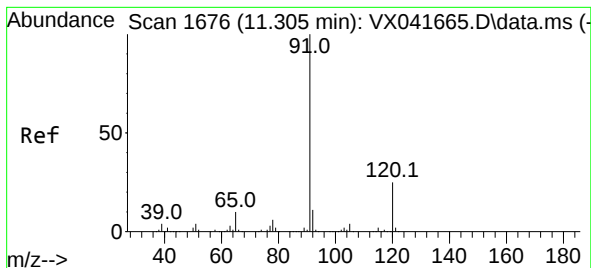
Tgt Ion:152 Resp: 98895
 Ion Ratio Lower Upper
 152 100
 115 54.2 43.3 129.9
 150 156.7 0.0 345.0



#73
 Isopropylbenzene
 Concen: 1.259 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX041731.D
 Acq: 04 Jun 2024 13:31

Tgt Ion:105 Resp: 7722
 Ion Ratio Lower Upper
 105 100
 120 28.8 12.9 38.6





#78

n-propylbenzene

Concen: 2.438 ug/l

RT: 11.305 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX041731.D

Acq: 04 Jun 2024 13:31

Instrument :

MSVOA_X

ClientSampleId :

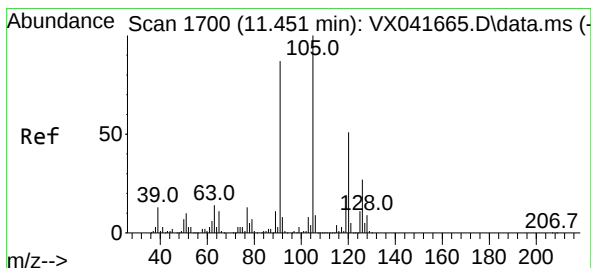
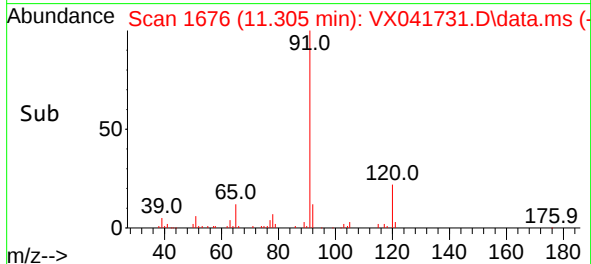
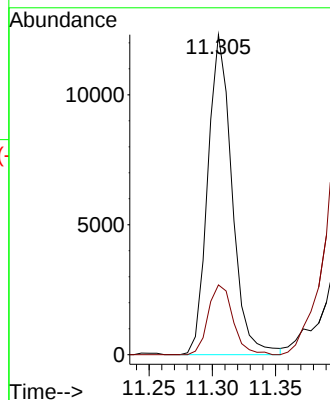
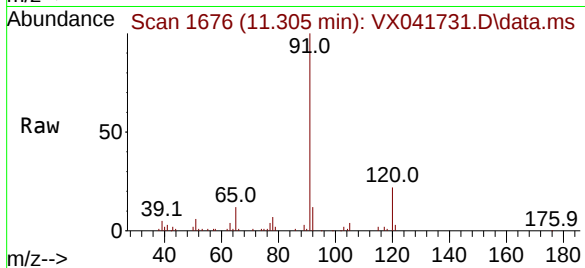
MW-12DL

Tgt Ion: 91 Resp: 16420

Ion Ratio Lower Upper

91 100

120 22.3 11.5 34.4



#80

1,3,5-Trimethylbenzene

Concen: 2.766 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX041731.D

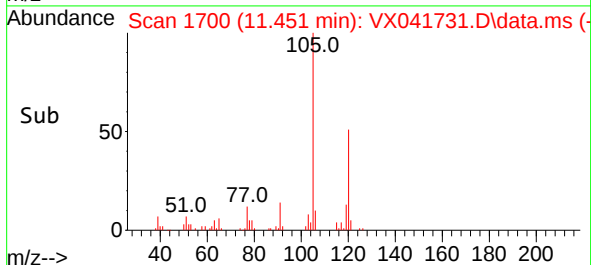
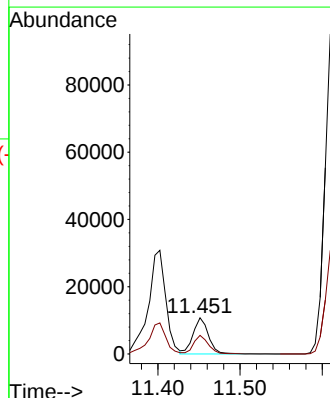
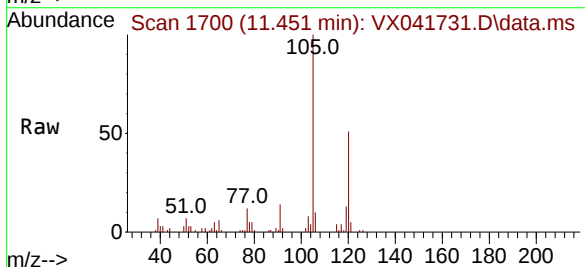
Acq: 04 Jun 2024 13:31

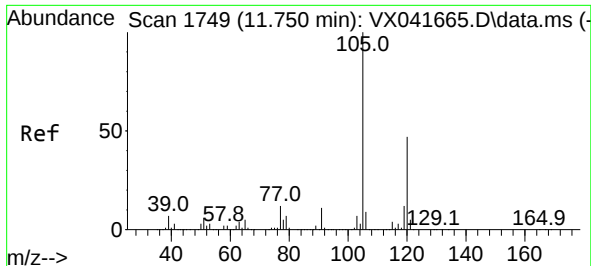
Tgt Ion: 105 Resp: 14167

Ion Ratio Lower Upper

105 100

120 48.9 24.1 72.3

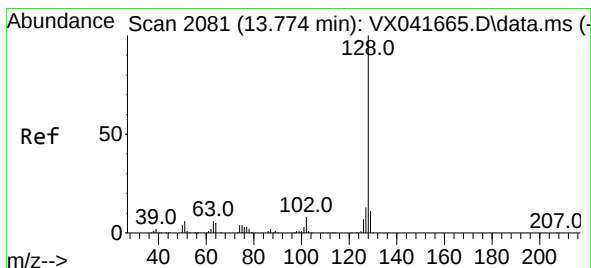
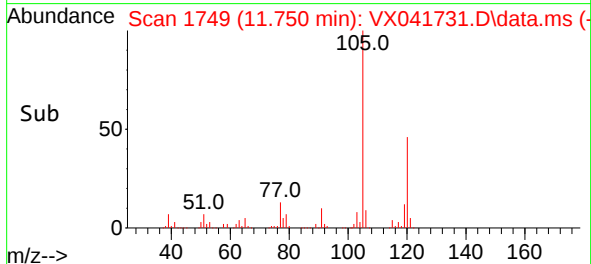
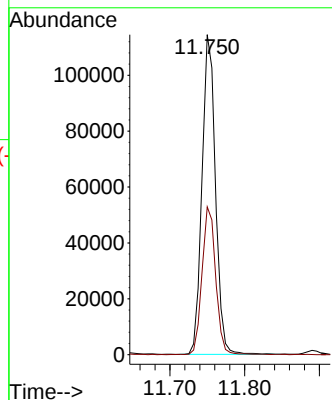
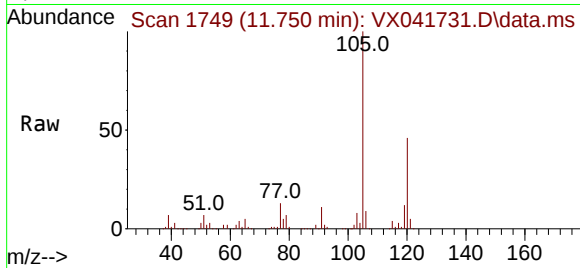




#84
1,2,4-Trimethylbenzene
Concen: 27.579 ug/l
RT: 11.750 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Instrument :
MSVOA_X
ClientSampleId :
MW-12DL

Tgt Ion:105 Resp: 143118
Ion Ratio Lower Upper
105 100
120 47.1 21.2 63.6



#95
Naphthalene
Concen: 10.887 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX041731.D
Acq: 04 Jun 2024 13:31

Tgt Ion:128 Resp: 69746
Ion Ratio Lower Upper
128 100
127 12.3 10.3 15.5
129 10.9 8.8 13.2

