

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
 Data File : VX040788.D
 Acq On : 25 Mar 2024 12:14
 Operator : JC/MD
 Sample : P1820-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-WATER

Quant Time: Mar 25 12:39:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 22 02:44:48 2024
 Response via : Initial Calibration

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

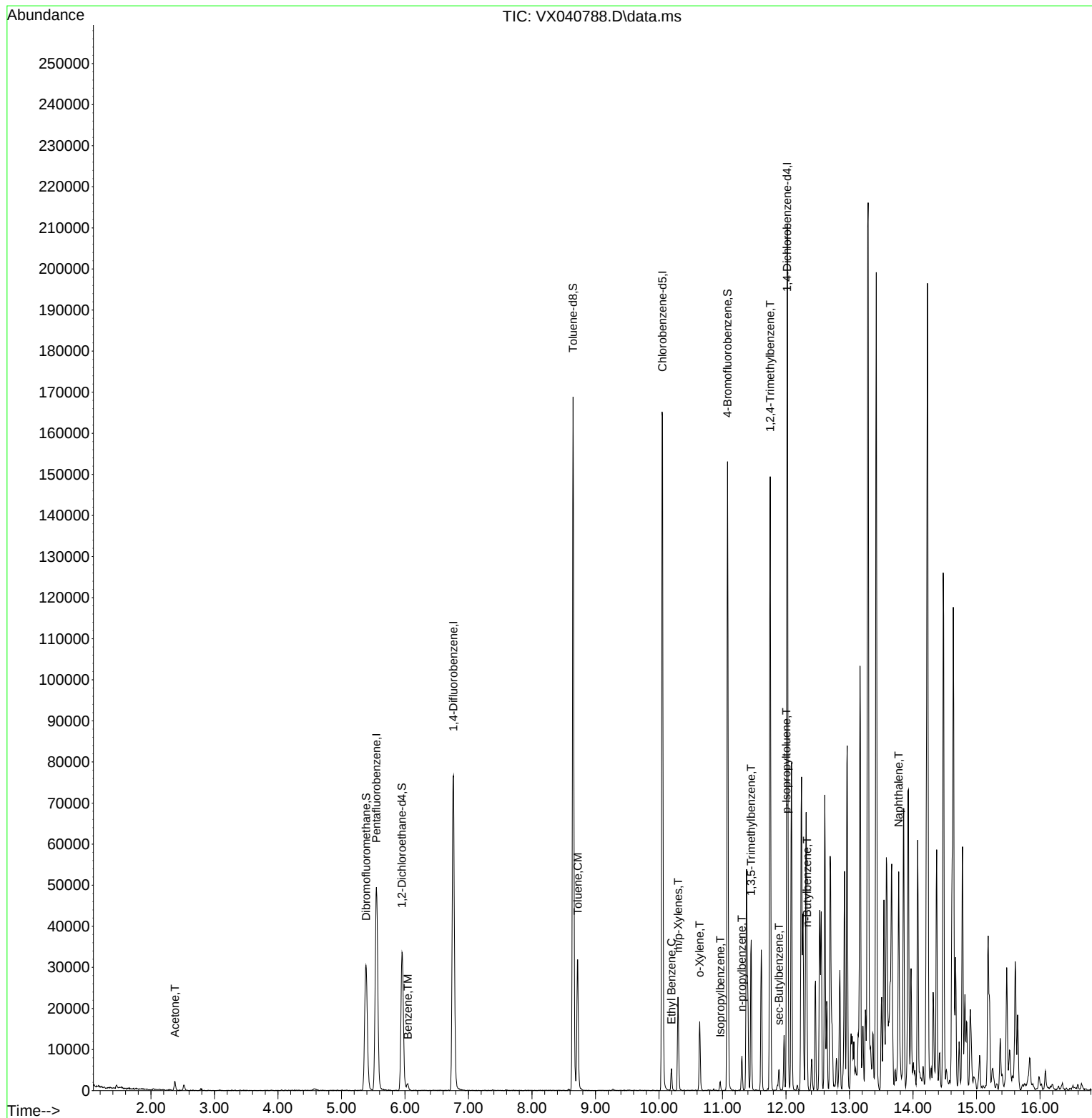
Internal Standards						
1) Pentafluorobenzene	5.550	168	44876	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	75959	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	72277	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.018	152	38762	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	35102	46.519	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	93.040%		
35) Dibromofluoromethane	5.385	113	27122	47.719	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	95.440%		
50) Toluene-d8	8.647	98	95257	48.947	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	97.900%		
62) 4-Bromofluorobenzene	11.079	95	37980	49.396	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	98.800%		
Target Compounds					Qvalue	
16) Acetone	2.380	43	2481	9.283	ug/l	96
40) Benzene	6.044	78	1781	0.771	ug/l	96
52) Toluene	8.720	92	11847	8.596	ug/l	94
67) Ethyl Benzene	10.195	91	3200	1.090	ug/l	94
68) m/p-Xylenes	10.299	106	5039	4.688	ug/l	98
69) o-Xylene	10.640	106	3499	3.389	ug/l	93
73) Isopropylbenzene	10.964	105	1347	0.458	ug/l	98
78) n-propylbenzene	11.305	91	5306	1.463	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	14773	5.992	ug/l	98
84) 1,2,4-Trimethylbenzene	11.750	105	61352	24.723	ug/l	100
85) sec-Butylbenzene	11.890	105	2959	0.941	ug/l	88
86) p-Isopropyltoluene	12.006	119	2617	1.004	ug/l	93
89) n-Butylbenzene	12.329	91	10866	4.132	ug/l #	37
95) Naphthalene	13.774	128	29891	9.953	ug/l	97

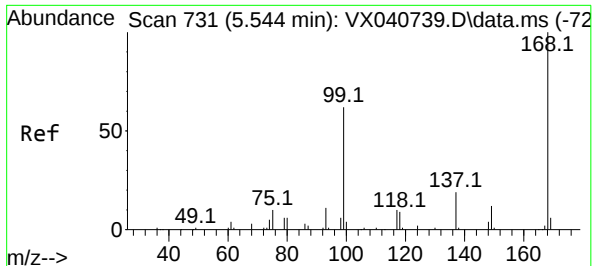
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX032524\
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Quant Time: Mar 25 12:39:03 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X032124W.M
Quant Title : SW846 8260
QLast Update : Fri Mar 22 02:44:48 2024
Response via : Initial Calibration

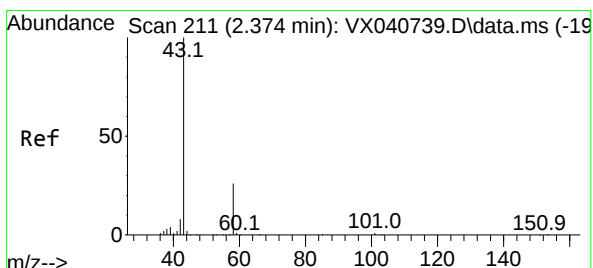
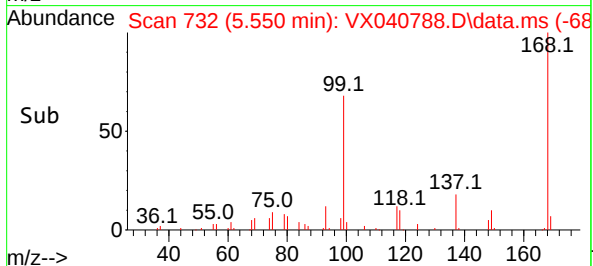
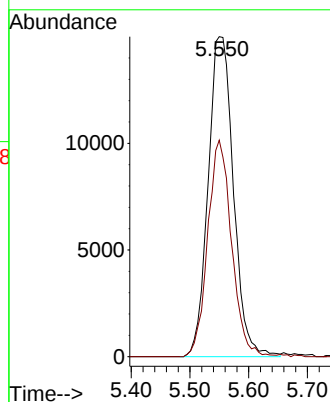
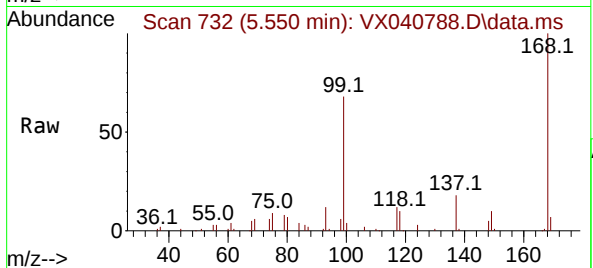




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

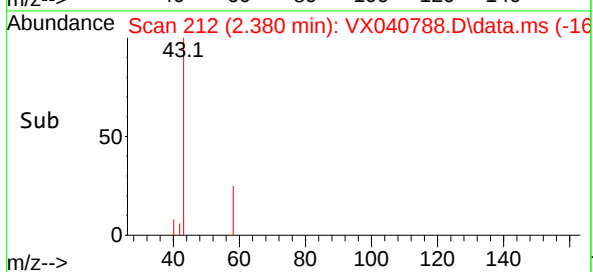
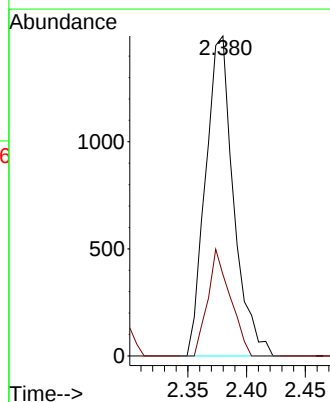
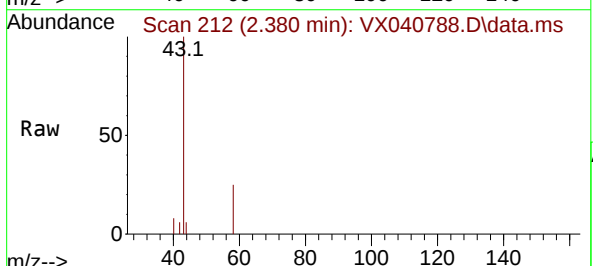
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER

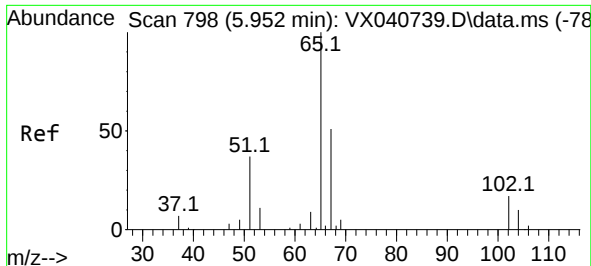
Tgt Ion:168 Resp: 44876
Ion Ratio Lower Upper
168 100
99 67.7 56.6 85.0



#16
Acetone
Concen: 9.283 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.006 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Tgt Ion: 43 Resp: 2481
Ion Ratio Lower Upper
43 100
58 25.4 21.9 32.9





#33

1,2-Dichloroethane-d4

Concen: 46.519 ug/l

RT: 5.952 min Scan# 798

Delta R.T. 0.000 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

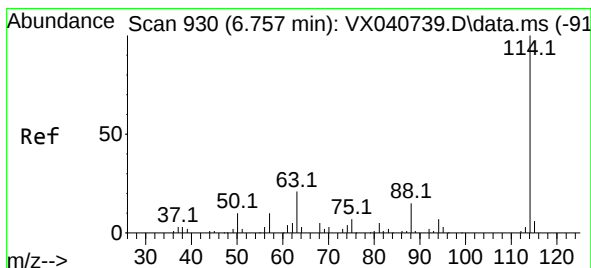
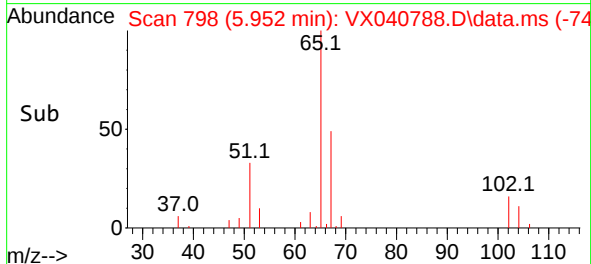
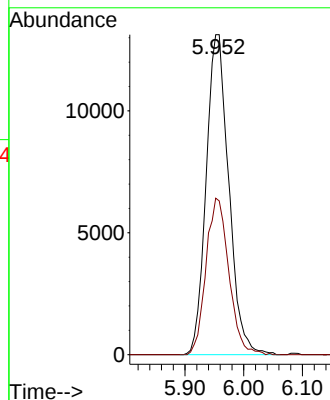
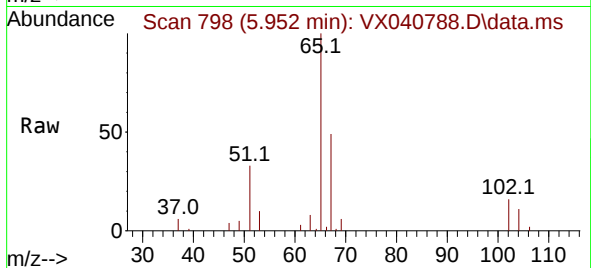
WASTE-WATER

Tgt Ion: 65 Resp: 35102

Ion Ratio Lower Upper

65 100

67 49.5 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: VX040788.D

Acq: 25 Mar 2024 12:14

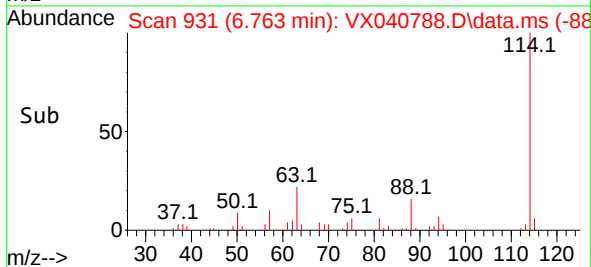
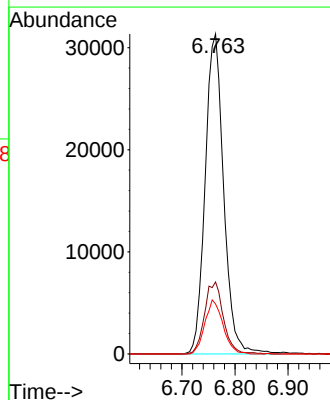
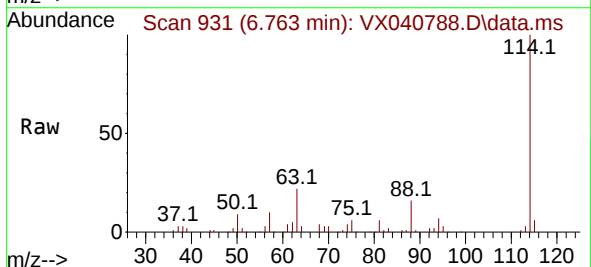
Tgt Ion: 114 Resp: 75959

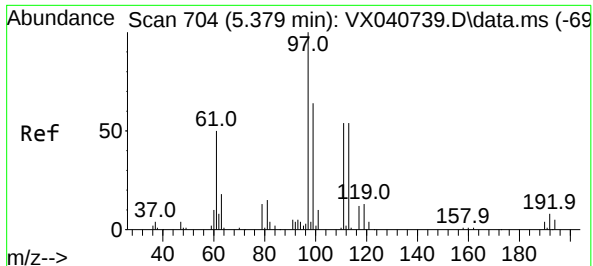
Ion Ratio Lower Upper

114 100

63 22.5 0.0 45.0

88 15.6 0.0 36.6





#35

Dibromofluoromethane

Concen: 47.719 ug/l

RT: 5.385 min Scan# 704

Delta R.T. 0.006 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

WASTE-WATER

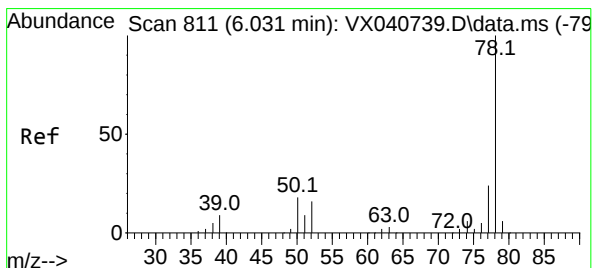
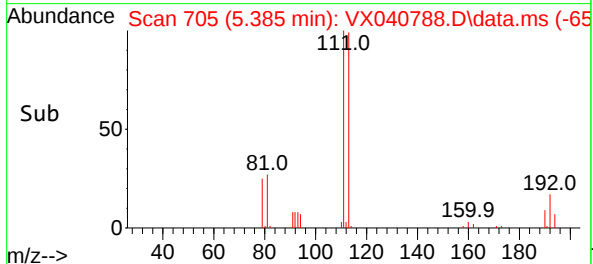
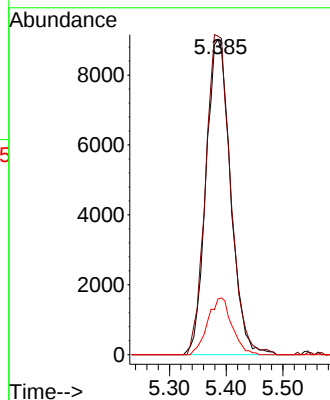
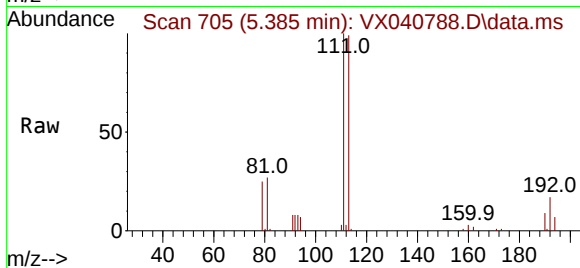
Tgt Ion:113 Resp: 27122

Ion Ratio Lower Upper

113 100

111 103.0 82.9 124.3

192 17.8 13.3 19.9



#40

Benzene

Concen: 0.771 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.012 min

Lab File: VX040788.D

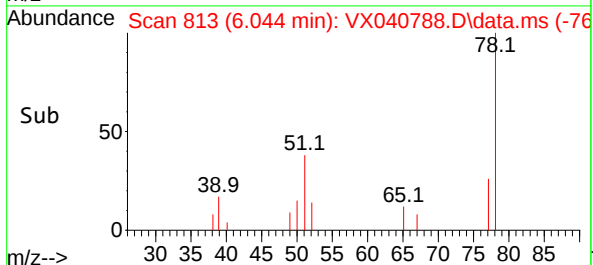
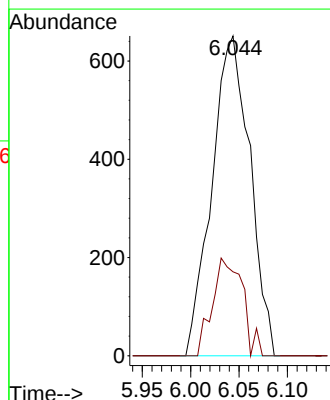
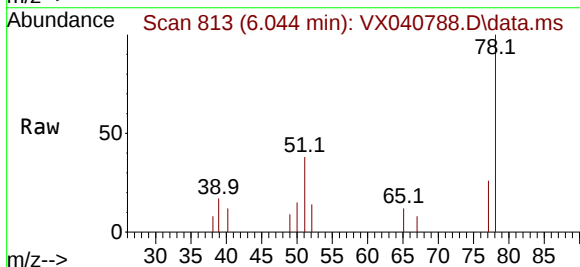
Acq: 25 Mar 2024 12:14

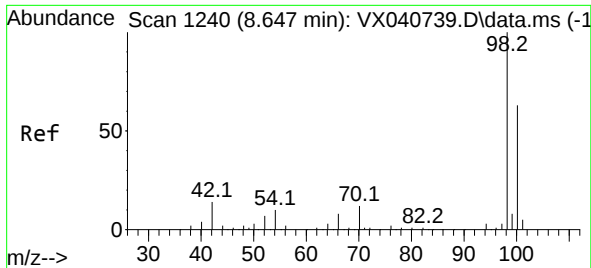
Tgt Ion: 78 Resp: 1781

Ion Ratio Lower Upper

78 100

77 26.3 19.3 28.9

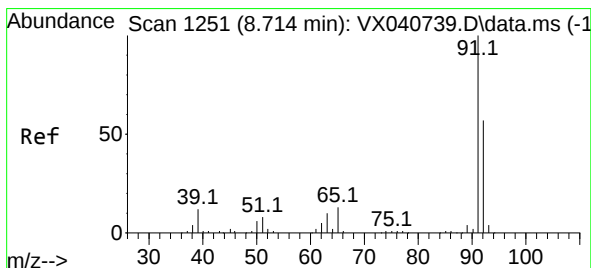
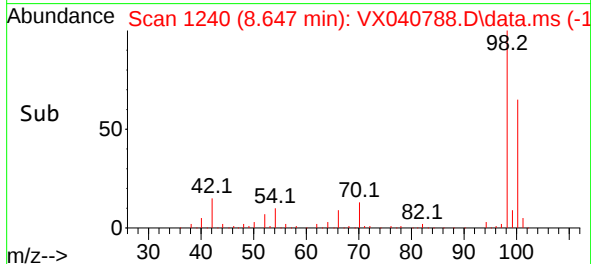
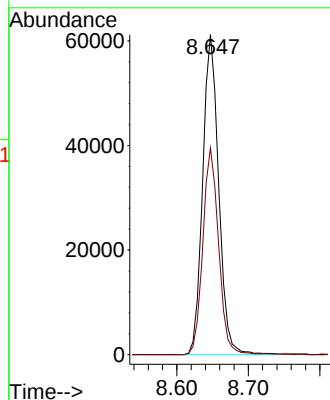
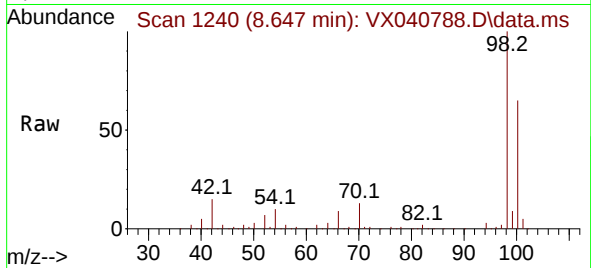




#50
Toluene-d8
Concen: 48.947 ug/l
RT: 8.647 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

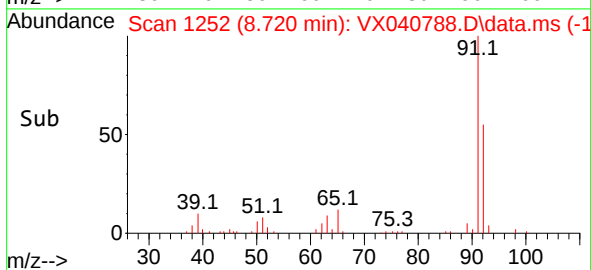
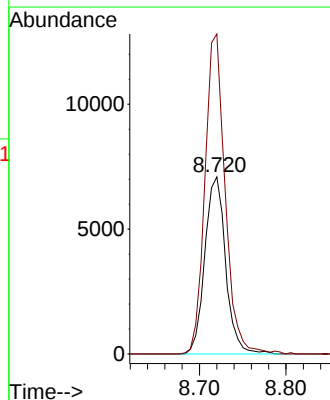
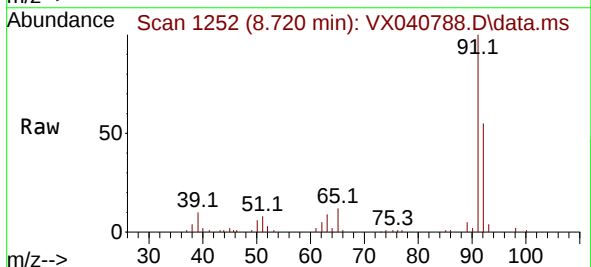
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER

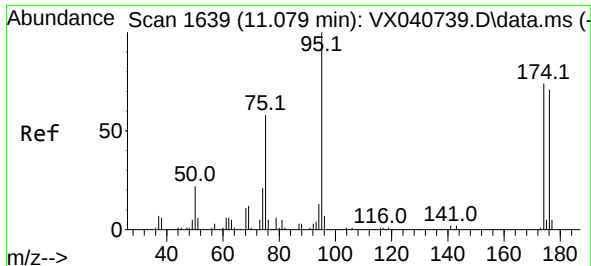
Tgt Ion: 98 Resp: 95257
Ion Ratio Lower Upper
98 100
100 63.7 53.1 79.7



#52
Toluene
Concen: 8.596 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.006 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Tgt Ion: 92 Resp: 11847
Ion Ratio Lower Upper
92 100
91 175.8 134.2 201.2

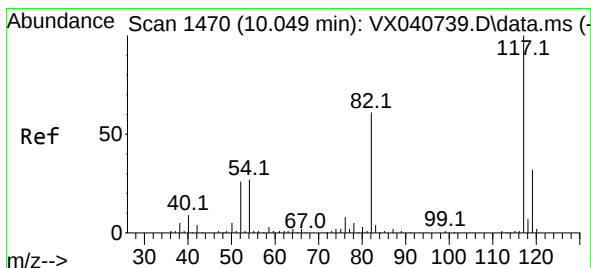
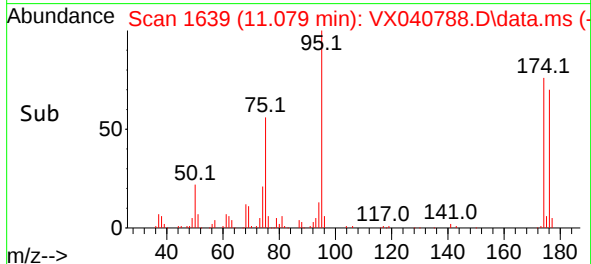
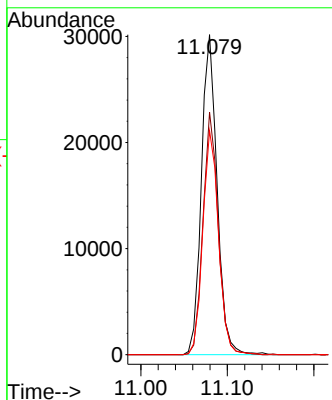
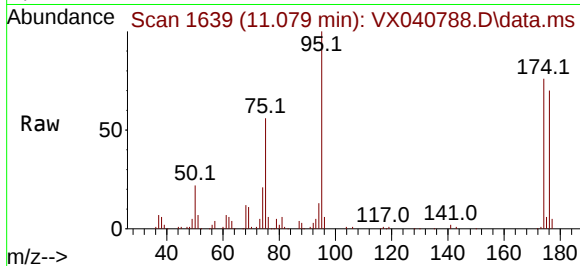




#62
4-Bromofluorobenzene
Concen: 49.396 ug/l
RT: 11.079 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

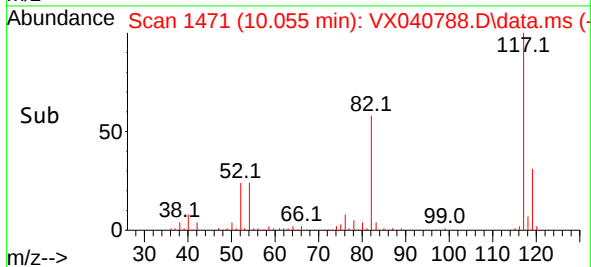
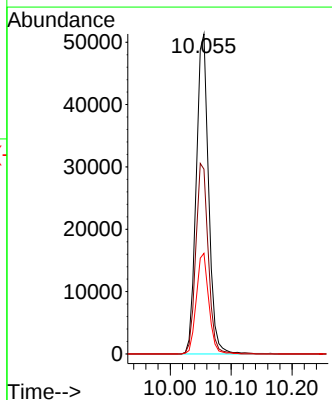
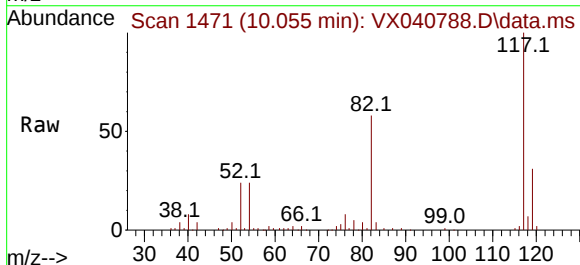
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER

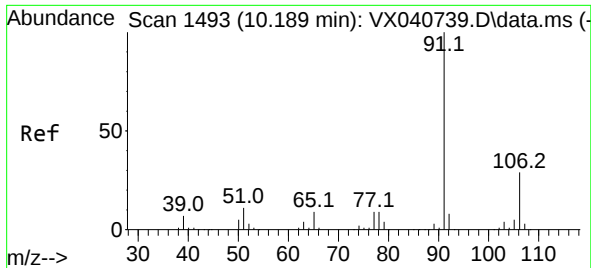
Tgt Ion: 95 Resp: 37980
Ion Ratio Lower Upper
95 100
174 73.6 0.0 135.6
176 70.1 0.0 131.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.006 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Tgt Ion: 117 Resp: 72277
Ion Ratio Lower Upper
117 100
82 57.8 46.2 69.4
119 31.4 25.5 38.3





#67

Ethyl Benzene

Concen: 1.090 ug/l

RT: 10.195 min Scan# 1493

Delta R.T. 0.006 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

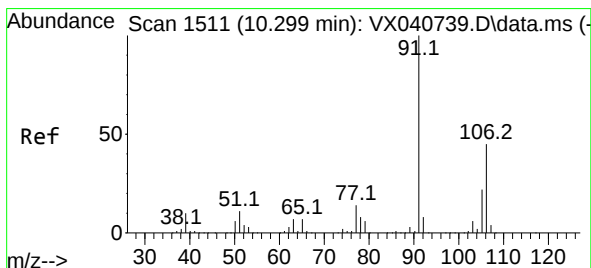
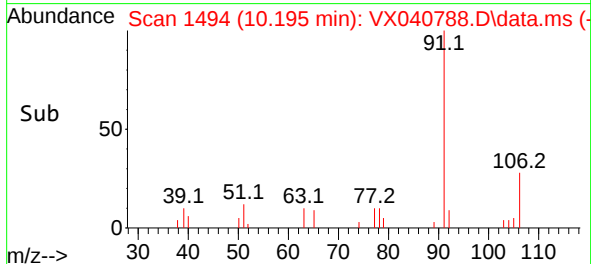
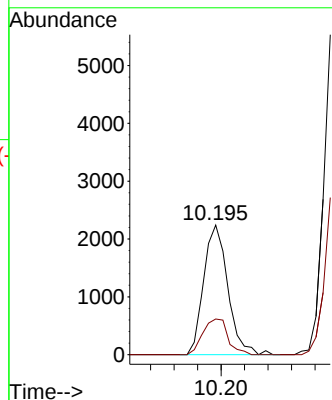
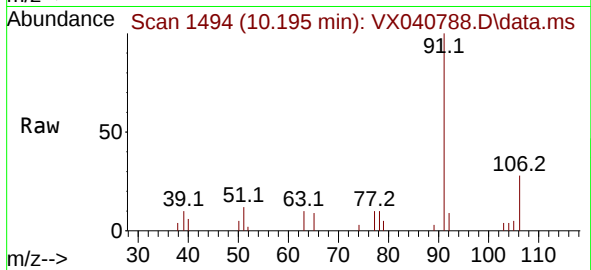
WASTE-WATER

Tgt Ion: 91 Resp: 3200

Ion Ratio Lower Upper

91 100

106 27.5 24.9 37.3



#68

m/p-Xylenes

Concen: 4.688 ug/l

RT: 10.299 min Scan# 1511

Delta R.T. 0.000 min

Lab File: VX040788.D

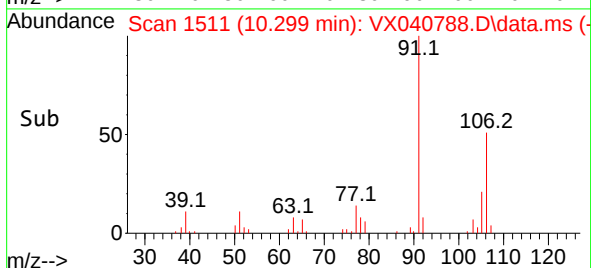
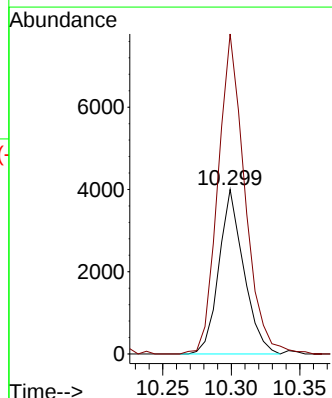
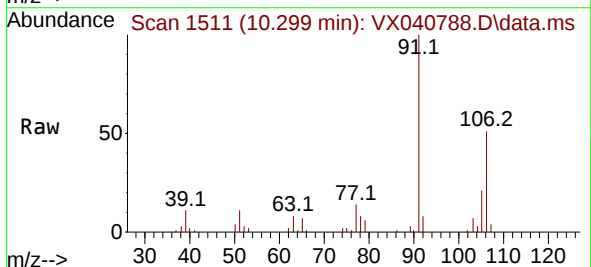
Acq: 25 Mar 2024 12:14

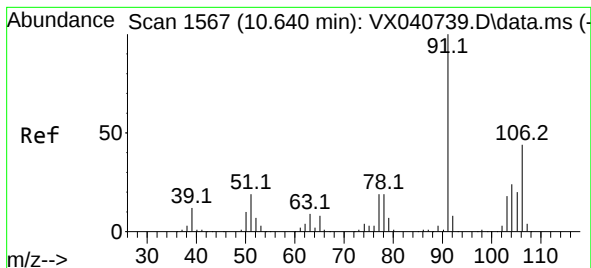
Tgt Ion: 106 Resp: 5039

Ion Ratio Lower Upper

106 100

91 210.7 165.5 248.3





#69

o-Xylene

Concen: 3.389 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

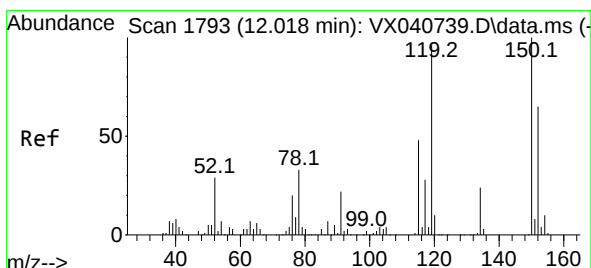
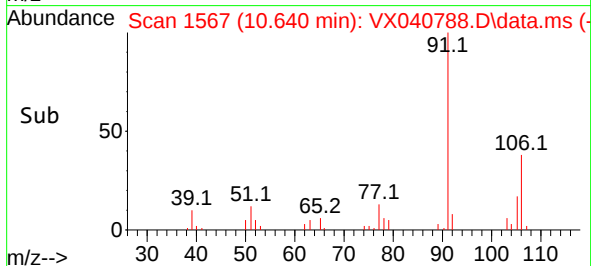
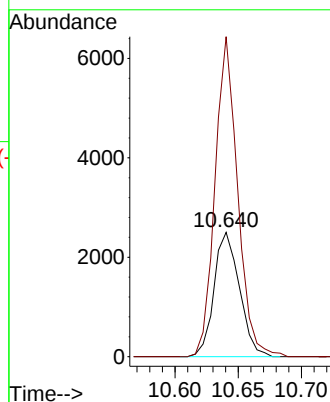
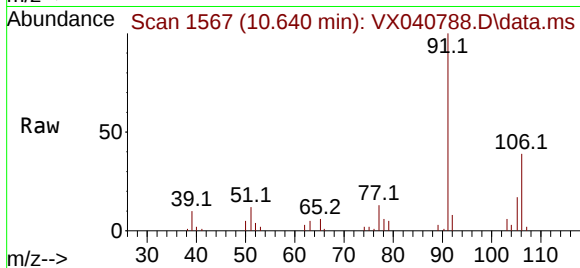
WASTE-WATER

Tgt Ion:106 Resp: 3499

Ion Ratio Lower Upper

106 100

91 228.5 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.018 min Scan# 1793

Delta R.T. 0.000 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

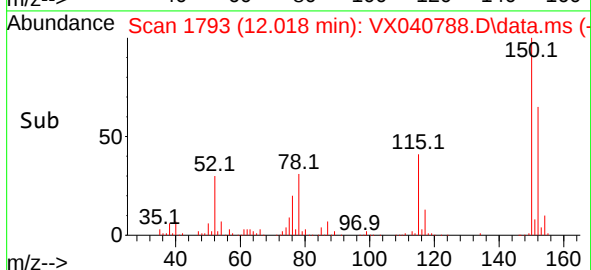
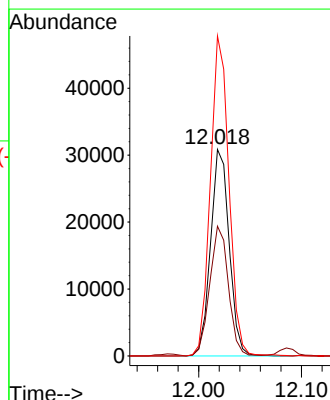
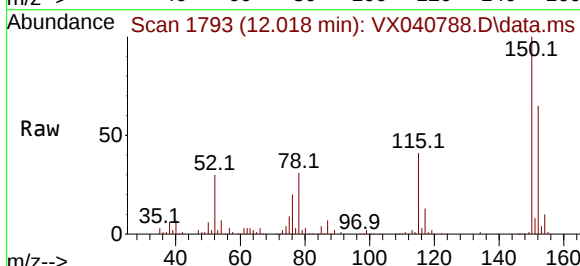
Tgt Ion:152 Resp: 38762

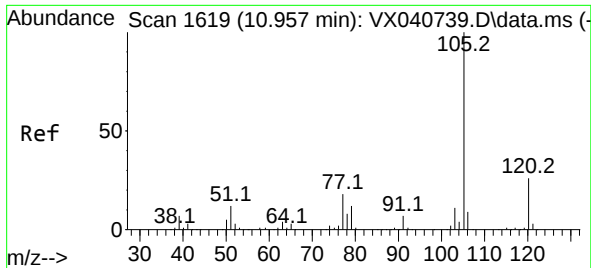
Ion Ratio Lower Upper

152 100

115 63.2 43.3 129.9

150 154.3 0.0 345.0

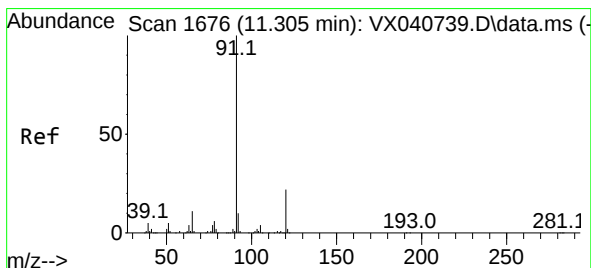
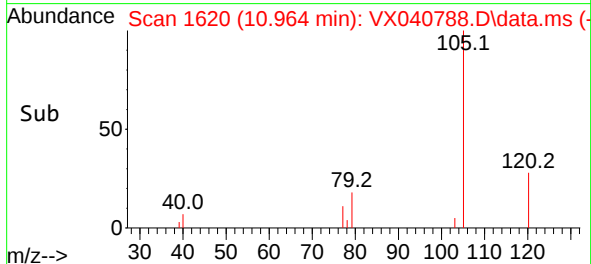
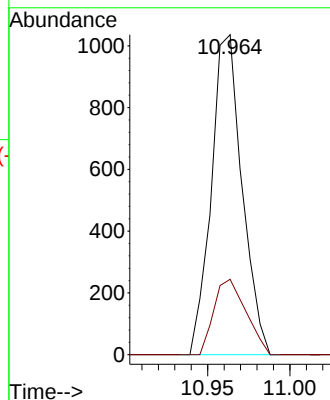
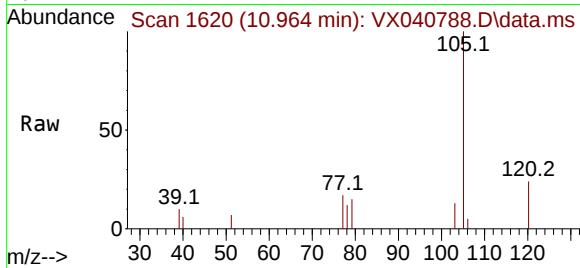




#73
Isopropylbenzene
Concen: 0.458 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.006 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

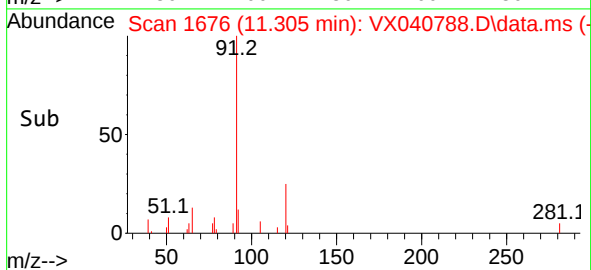
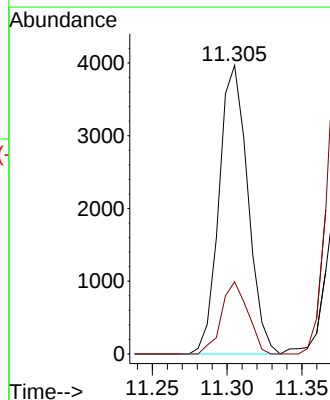
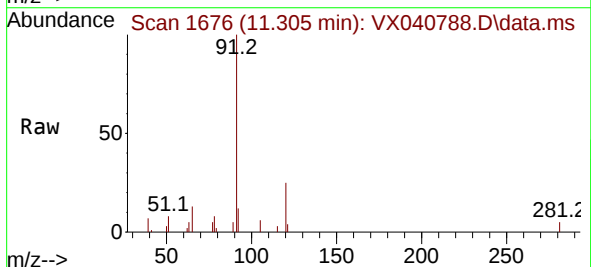
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER

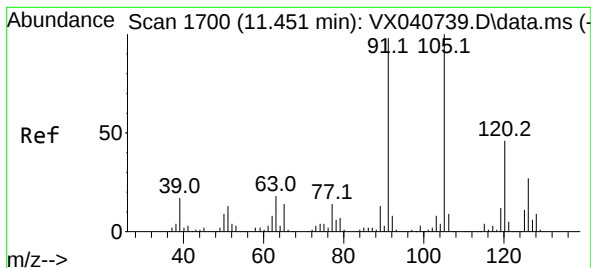
Tgt Ion:105 Resp: 1347
Ion Ratio Lower Upper
105 100
120 24.6 12.9 38.6



#78
n-propylbenzene
Concen: 1.463 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.000 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Tgt Ion: 91 Resp: 5306
Ion Ratio Lower Upper
91 100
120 22.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 5.992 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040788.D

Acq: 25 Mar 2024 12:14

Instrument :

MSVOA_X

ClientSampleId :

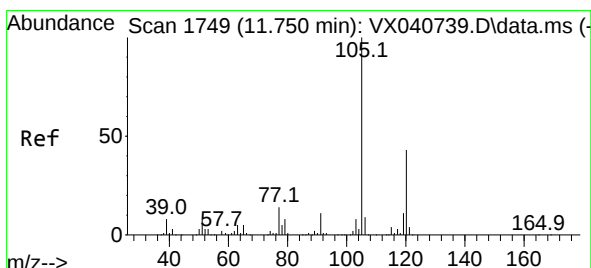
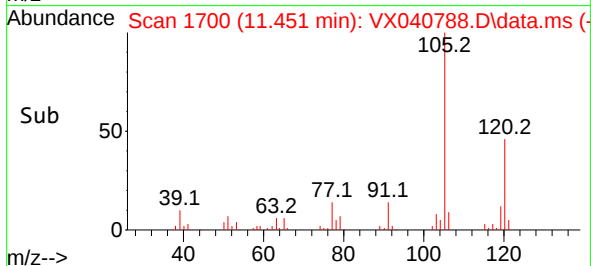
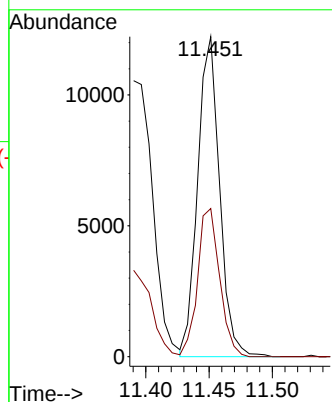
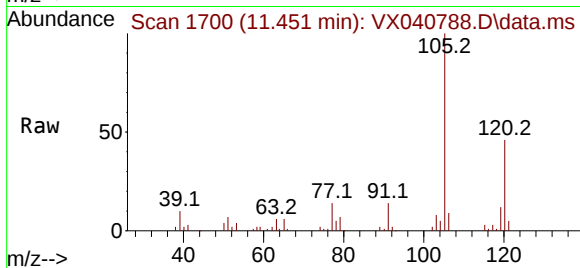
WASTE-WATER

Tgt Ion:105 Resp: 14773

Ion Ratio Lower Upper

105 100

120 46.7 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 24.723 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040788.D

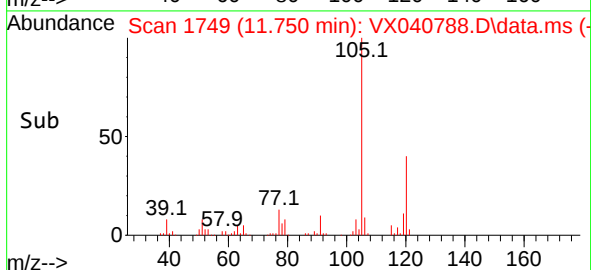
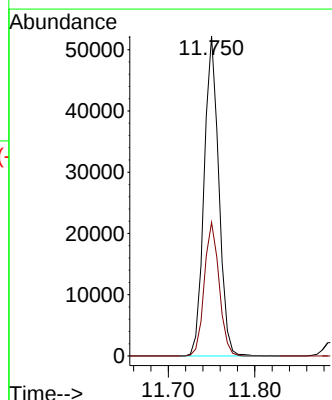
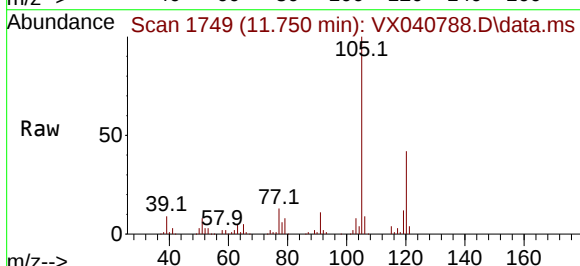
Acq: 25 Mar 2024 12:14

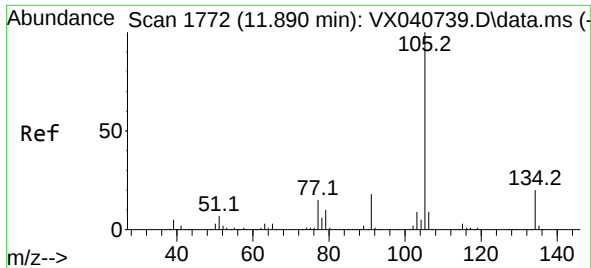
Tgt Ion:105 Resp: 61352

Ion Ratio Lower Upper

105 100

120 42.1 21.2 63.6

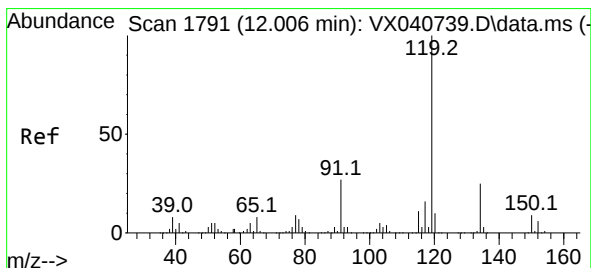
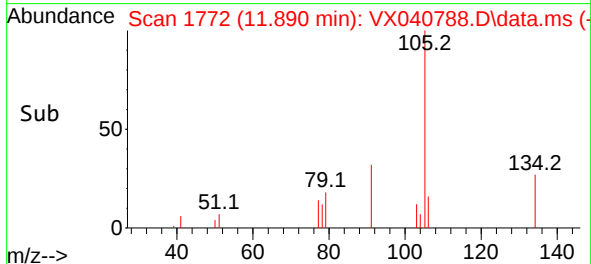
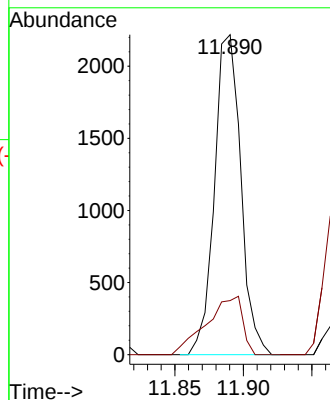
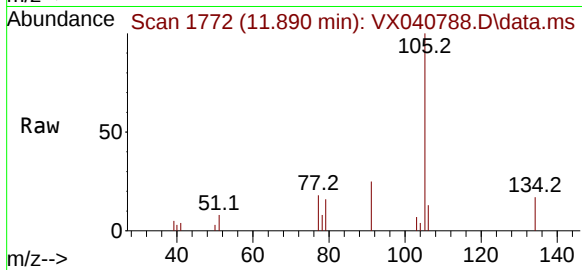




#85
 sec-Butylbenzene
 Concen: 0.941 ug/l
 RT: 11.890 min Scan# 1772
 Delta R.T. 0.000 min
 Lab File: VX040788.D
 Acq: 25 Mar 2024 12:14

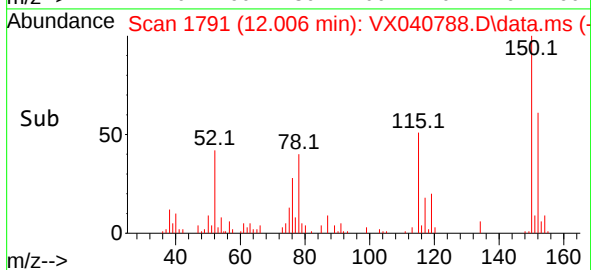
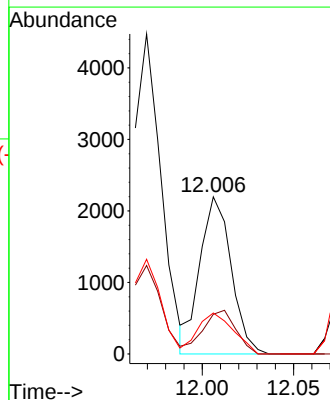
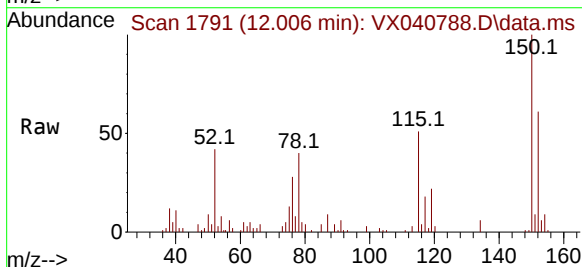
Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-WATER

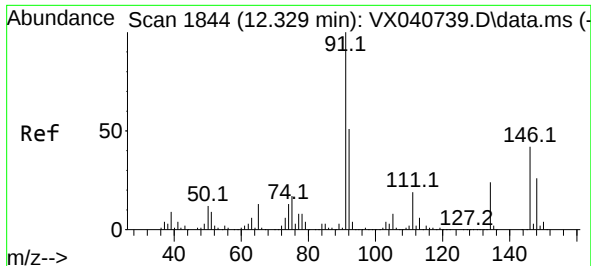
Tgt Ion:105 Resp: 2959
 Ion Ratio Lower Upper
 105 100
 134 24.9 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 1.004 ug/l
 RT: 12.006 min Scan# 1791
 Delta R.T. 0.000 min
 Lab File: VX040788.D
 Acq: 25 Mar 2024 12:14

Tgt Ion:119 Resp: 2617
 Ion Ratio Lower Upper
 119 100
 134 29.4 12.8 38.3
 91 29.9 13.1 39.3

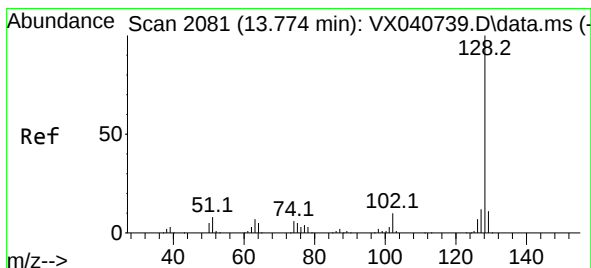
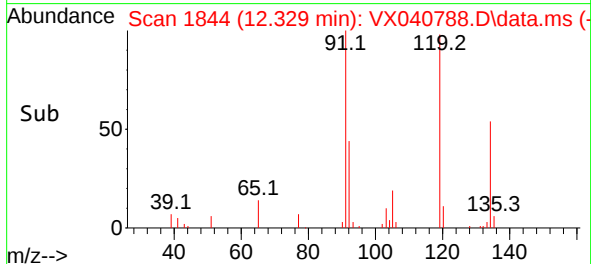
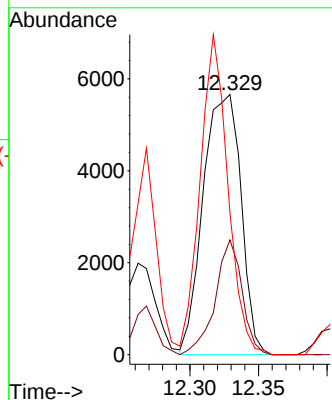
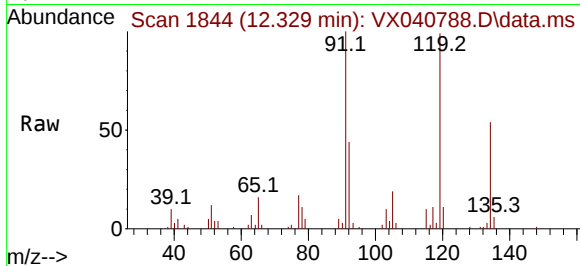




#89
n-Butylbenzene
Concen: 4.132 ug/l
RT: 12.329 min Scan# 1844
Delta R.T. 0.000 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER

Tgt Ion: 91 Resp: 10866
Ion Ratio Lower Upper
91 100
92 31.3 27.4 82.0
134 90.3 12.6 37.8#



#95
Naphthalene
Concen: 9.953 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX040788.D
Acq: 25 Mar 2024 12:14

Tgt Ion:128 Resp: 29891
Ion Ratio Lower Upper
128 100
127 13.6 10.3 15.5
129 12.6 8.8 13.2

