

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
 Data File : VX040206.D
 Acq On : 12 Feb 2024 17:46
 Operator : JC/MD
 Sample : P1372-05DL 50X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CG-MW-17-ch4DL

Quant Time: Feb 12 18:28:53 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 12 00:21:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	73770	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	127254	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	124247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	65167	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	49601	45.195	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	90.400%
35) Dibromofluoromethane	5.391	113	40091	45.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	90.220%
50) Toluene-d8	8.647	98	155212	46.691	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	93.380%
62) 4-Bromofluorobenzene	11.079	95	64021	47.221	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	94.440%

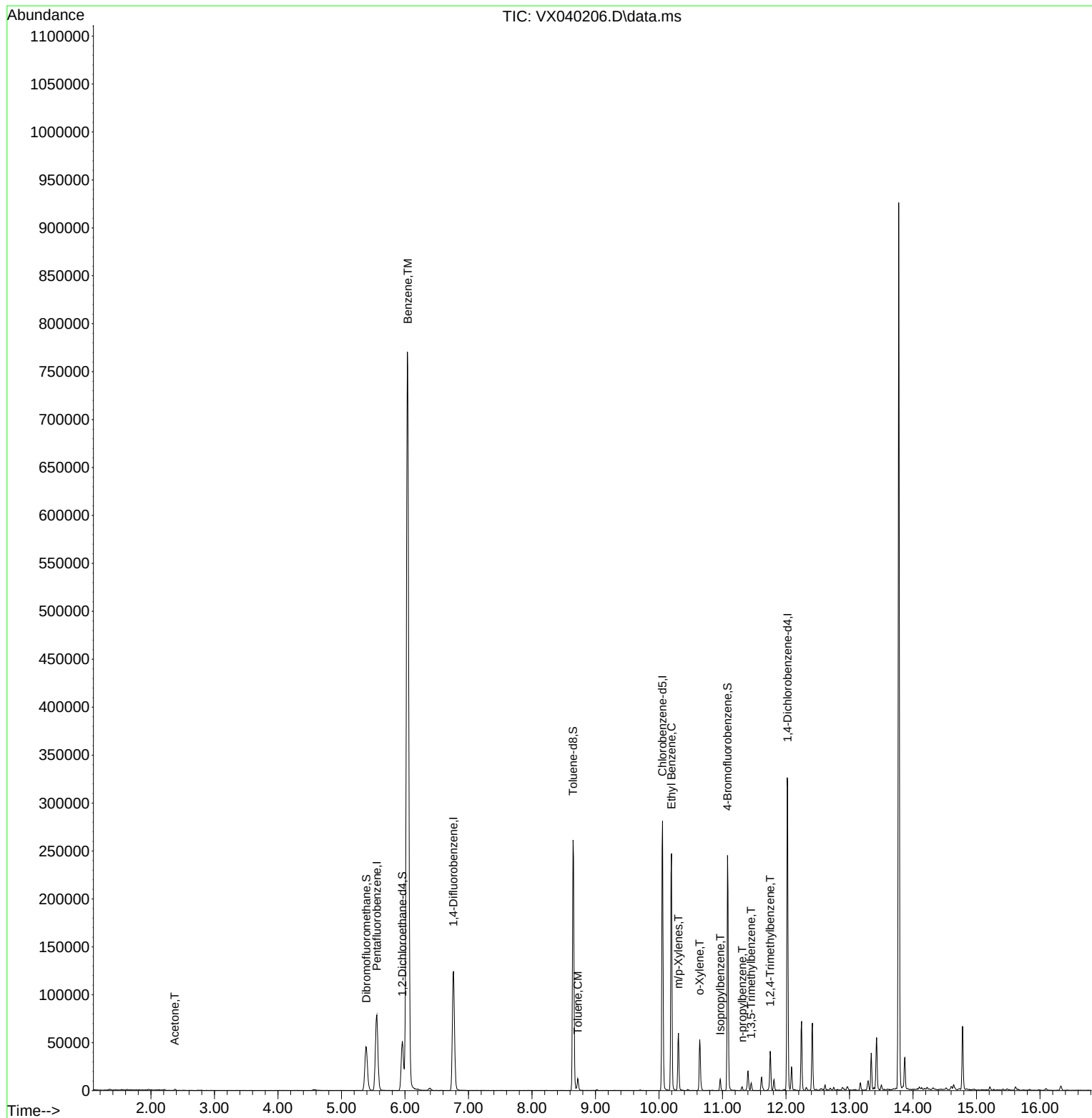
Target Compounds					Qvalue	
16) Acetone	2.374	43	1462	3.244	ug/l	# 81
40) Benzene	6.044	78	935094	268.609	ug/l	97
52) Toluene	8.720	92	4322	1.895	ug/l	91
67) Ethyl Benzene	10.195	91	144911	31.378	ug/l	98
68) m/p-Xylenes	10.305	106	13530	7.757	ug/l	99
69) o-Xylene	10.640	106	11544	6.811	ug/l	99
73) Isopropylbenzene	10.964	105	6113	1.332	ug/l	100
78) n-propylbenzene	11.311	91	2863	0.515	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	3927	1.016	ug/l	87
84) 1,2,4-Trimethylbenzene	11.750	105	17408	4.453	ug/l	95

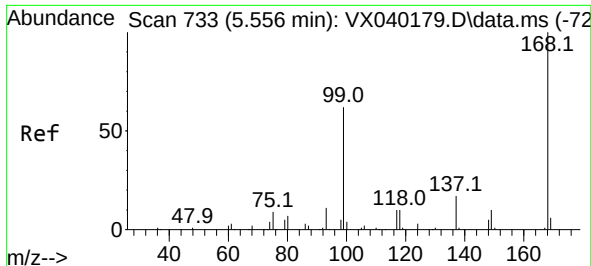
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX021224\
Data File : VX040206.D
Acq On : 12 Feb 2024 17:46
Operator : JC/MD
Sample : P1372-05DL 50X
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch4DL

Quant Time: Feb 12 18:28:53 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X020924W.M
Quant Title : SW846 8260
QLast Update : Mon Feb 12 00:21:14 2024
Response via : Initial Calibration

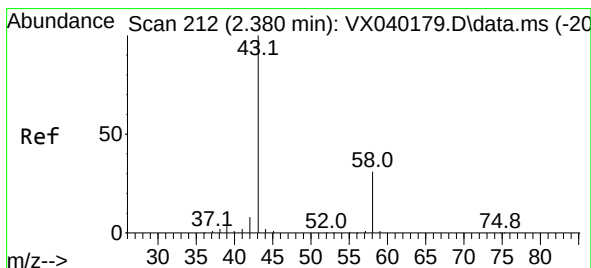
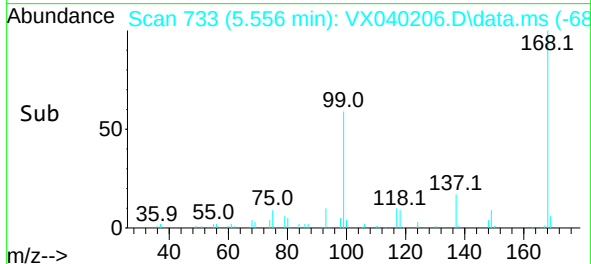
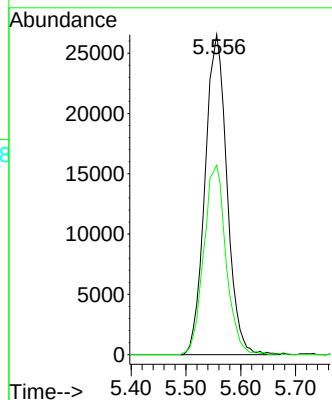
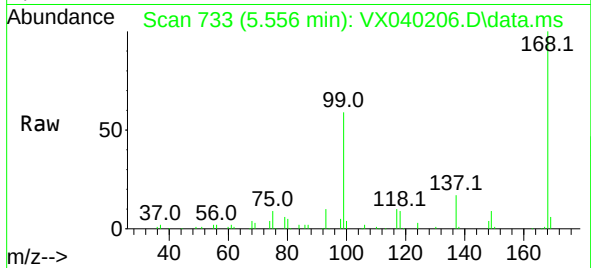




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

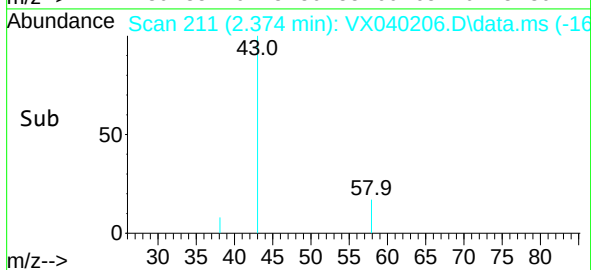
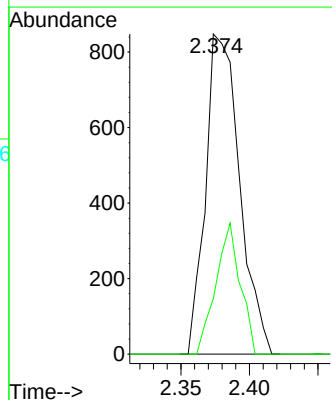
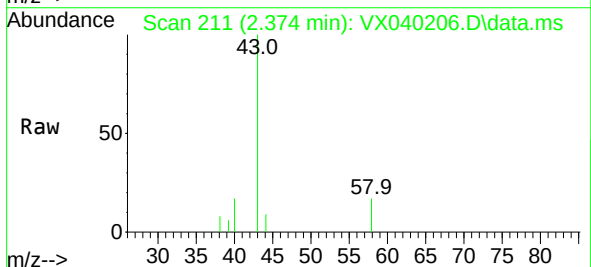
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch4DL

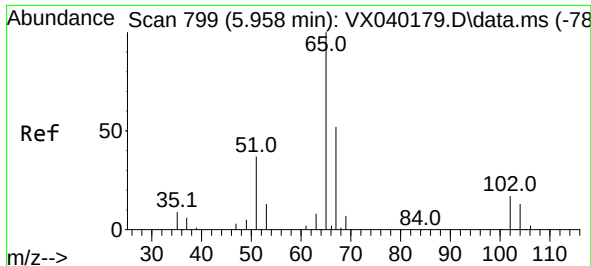
Tgt Ion:168 Resp: 73770
Ion Ratio Lower Upper
168 100
99 59.2 56.6 85.0



#16
Acetone
Concen: 3.244 ug/l
RT: 2.374 min Scan# 211
Delta R.T. -0.006 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

Tgt Ion: 43 Resp: 1462
Ion Ratio Lower Upper
43 100
58 17.3 21.9 32.9#

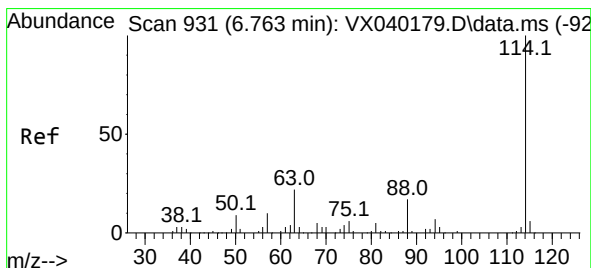
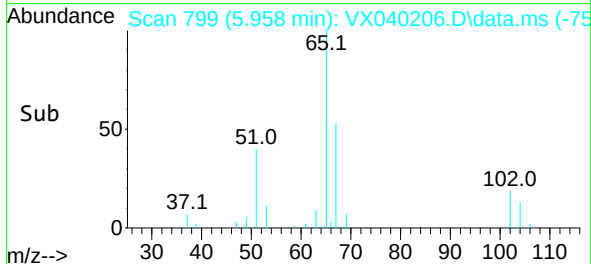
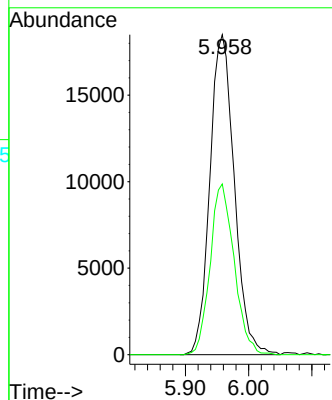
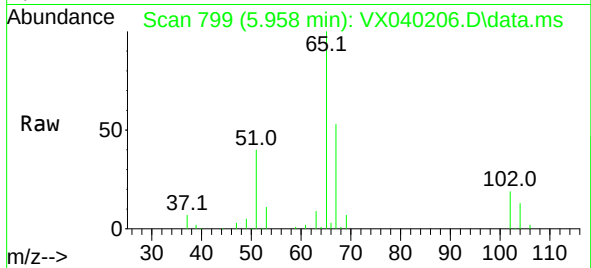




#33
1,2-Dichloroethane-d4
Concen: 45.195 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

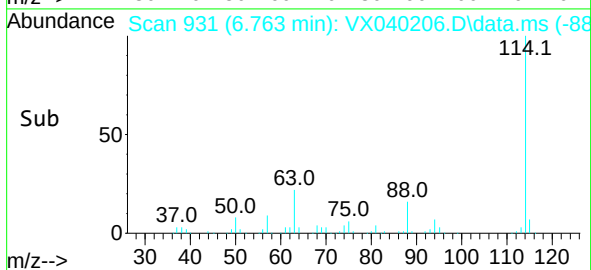
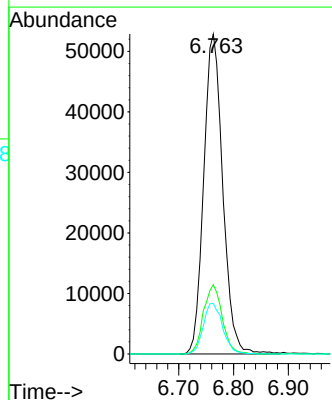
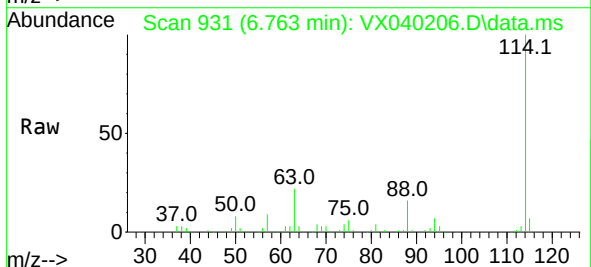
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch4DL

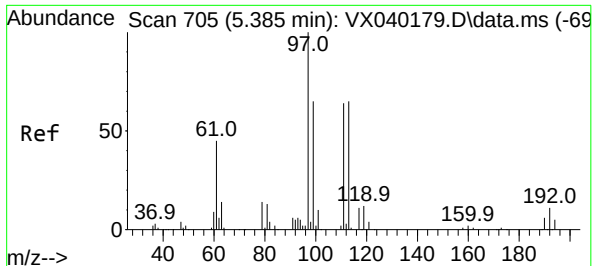
Tgt Ion: 65 Resp: 49601
Ion Ratio Lower Upper
65 100
67 52.5 0.0 100.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

Tgt Ion: 114 Resp: 127254
Ion Ratio Lower Upper
114 100
63 21.6 0.0 45.0
88 15.8 0.0 36.6





#35

Dibromofluoromethane

Concen: 45.113 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX040206.D

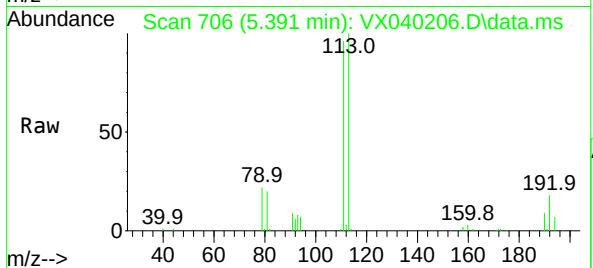
Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-17-ch4DL



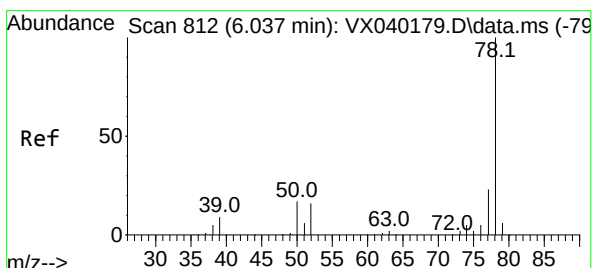
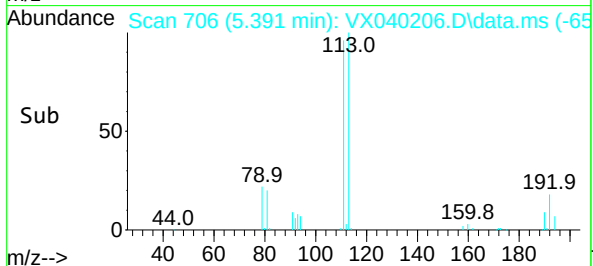
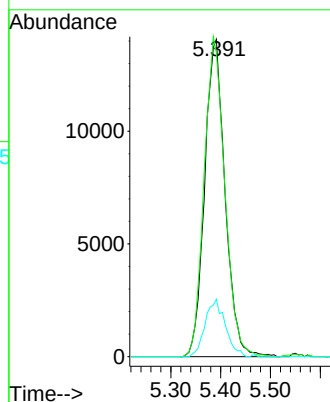
Tgt Ion:113 Resp: 40091

Ion Ratio Lower Upper

113 100

111 101.7 82.9 124.3

192 17.8 13.3 19.9



#40

Benzene

Concen: 268.609 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX040206.D

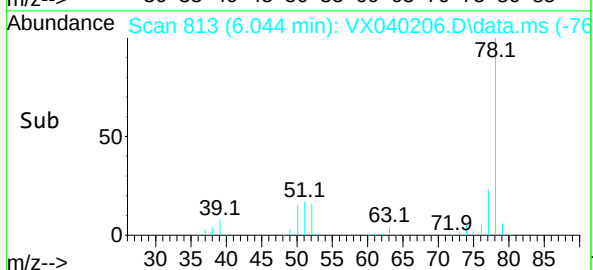
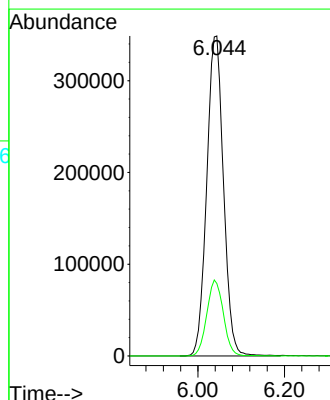
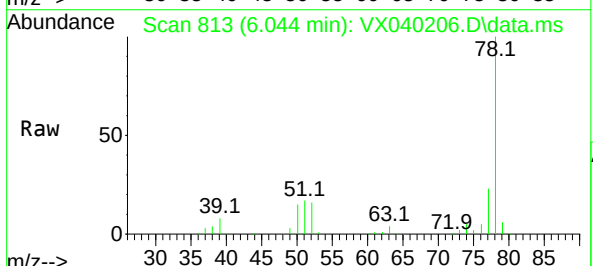
Acq: 12 Feb 2024 17:46

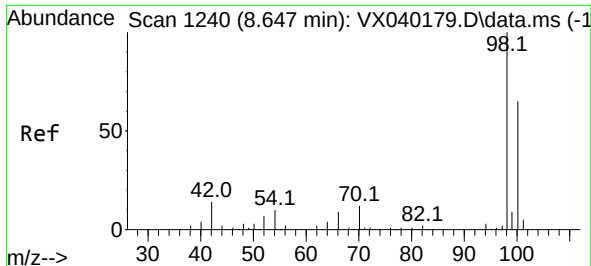
Tgt Ion: 78 Resp: 935094

Ion Ratio Lower Upper

78 100

77 22.7 19.3 28.9





#50

Toluene-d8

Concen: 46.691 ug/l

RT: 8.647 min Scan# 11

Delta R.T. -0.006 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

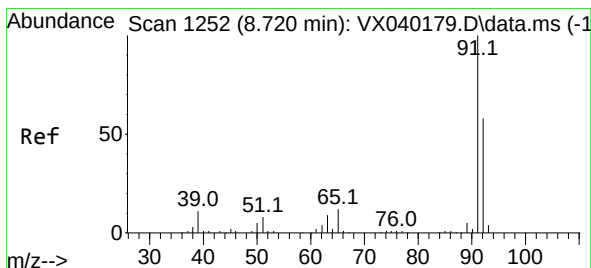
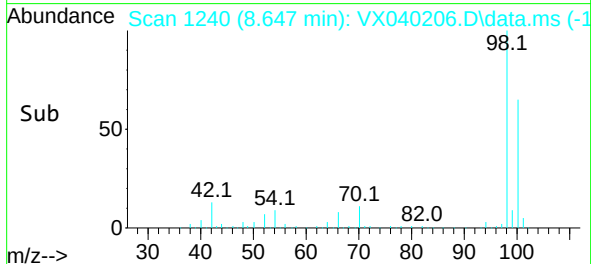
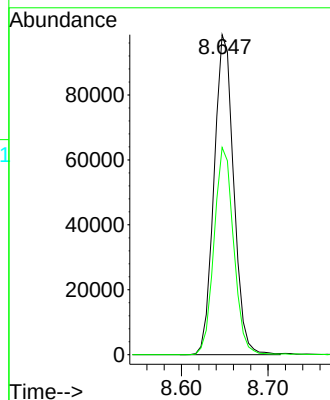
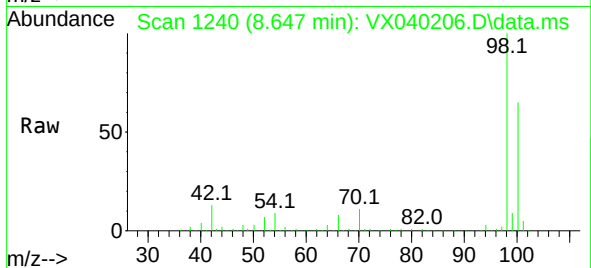
CG-MW-17-ch4DL

Tgt Ion: 98 Resp: 155212

Ion Ratio Lower Upper

98 100

100 64.4 53.1 79.7



#52

Toluene

Concen: 1.895 ug/l

RT: 8.720 min Scan# 1252

Delta R.T. 0.000 min

Lab File: VX040206.D

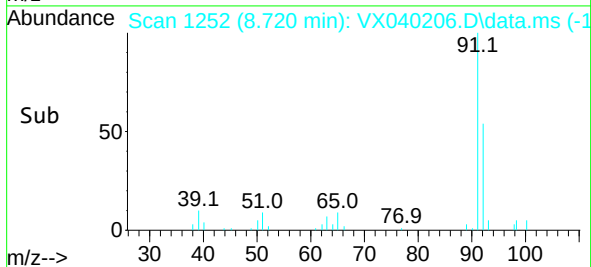
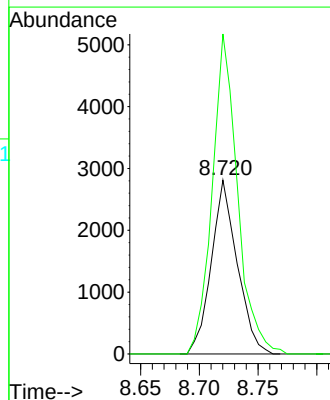
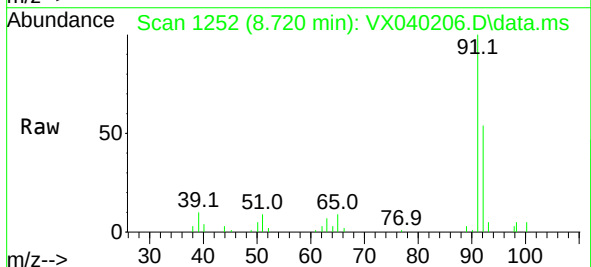
Acq: 12 Feb 2024 17:46

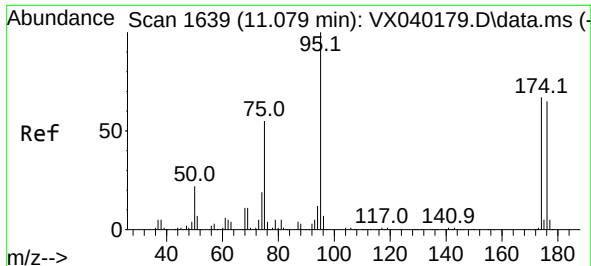
Tgt Ion: 92 Resp: 4322

Ion Ratio Lower Upper

92 100

91 179.3 134.2 201.2





#62

4-Bromofluorobenzene

Concen: 47.221 ug/l

RT: 11.079 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

CG-MW-17-ch4DL

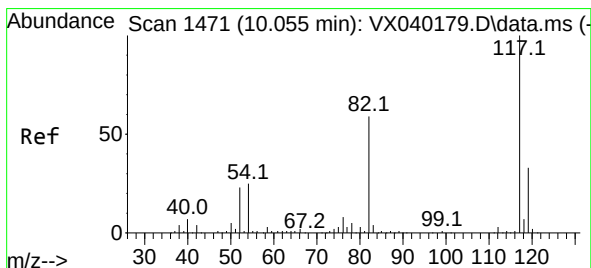
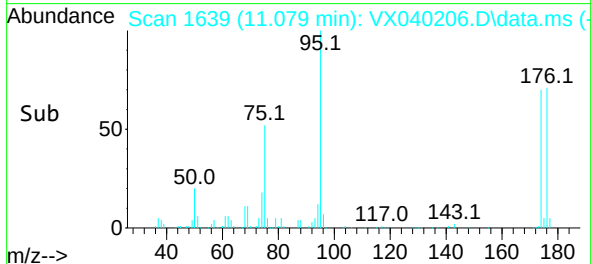
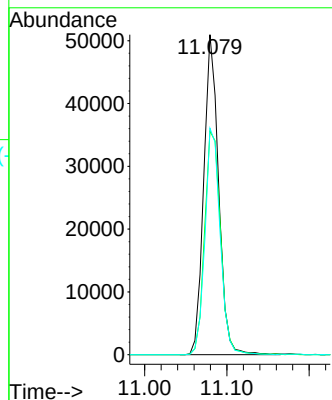
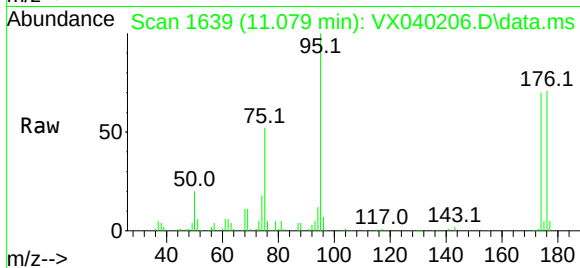
Tgt Ion: 95 Resp: 64021

Ion Ratio Lower Upper

95 100

174 75.0 0.0 135.6

176 72.4 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: VX040206.D

Acq: 12 Feb 2024 17:46

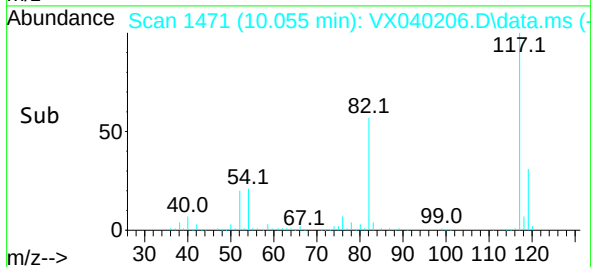
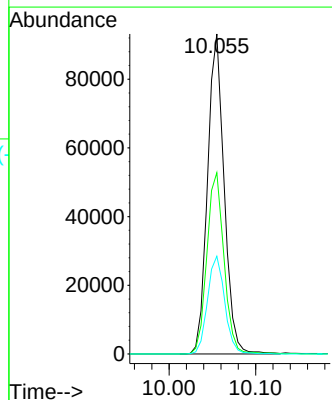
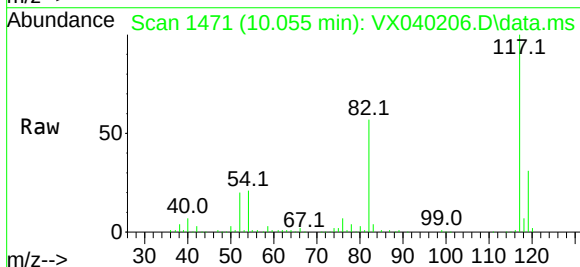
Tgt Ion: 117 Resp: 124247

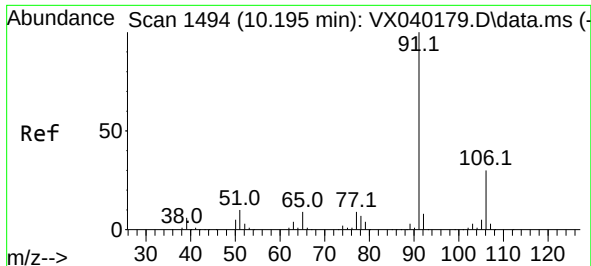
Ion Ratio Lower Upper

117 100

82 56.6 46.2 69.4

119 30.5 25.5 38.3





#67

Ethyl Benzene

Concen: 31.378 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

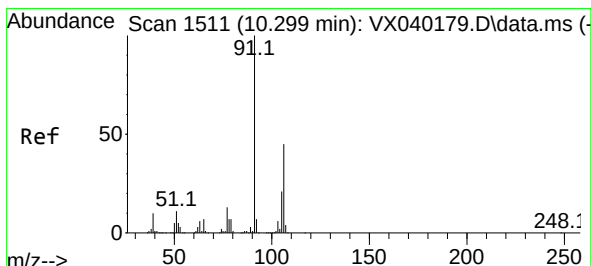
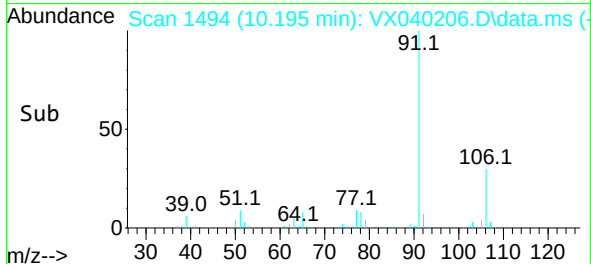
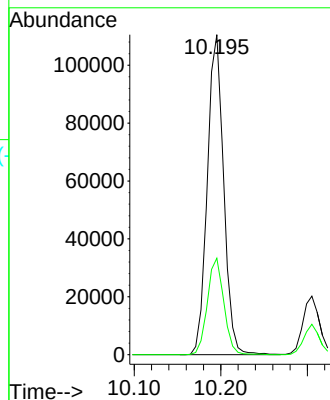
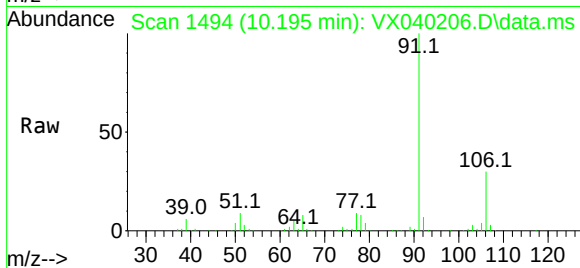
CG-MW-17-ch4DL

Tgt Ion: 91 Resp: 144911

Ion Ratio Lower Upper

91 100

106 30.1 24.9 37.3



#68

m/p-Xylenes

Concen: 7.757 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.006 min

Lab File: VX040206.D

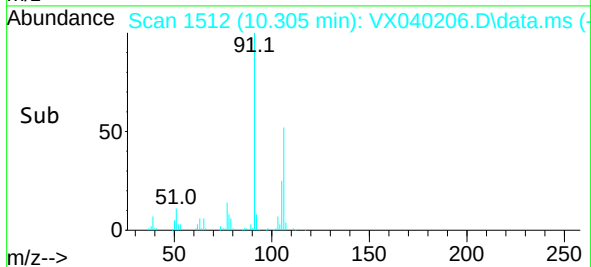
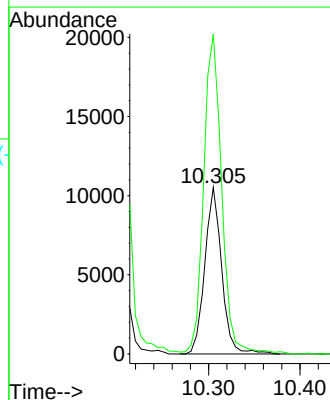
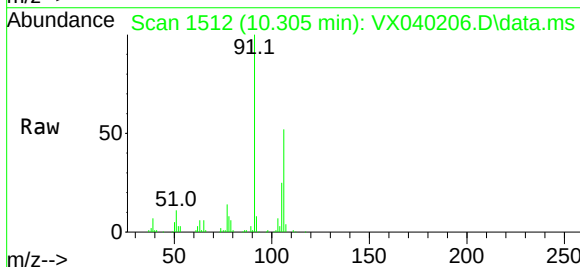
Acq: 12 Feb 2024 17:46

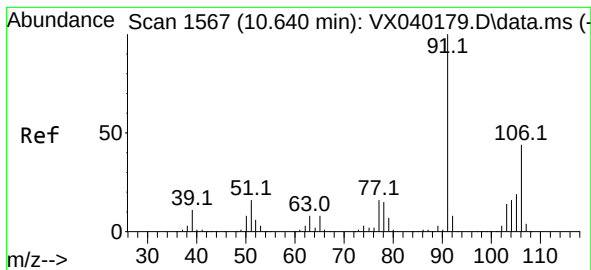
Tgt Ion: 106 Resp: 13530

Ion Ratio Lower Upper

106 100

91 204.8 165.5 248.3





#69

o-Xylene

Concen: 6.811 ug/l

RT: 10.640 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

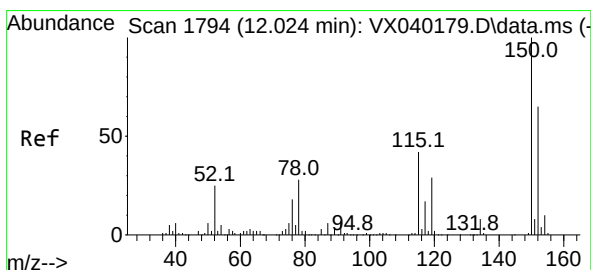
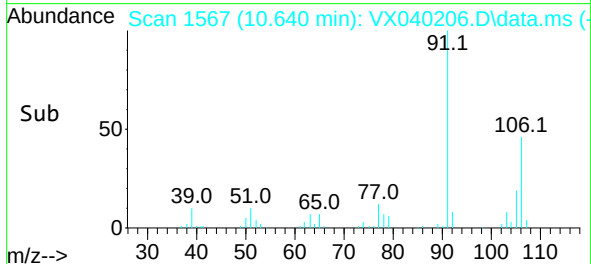
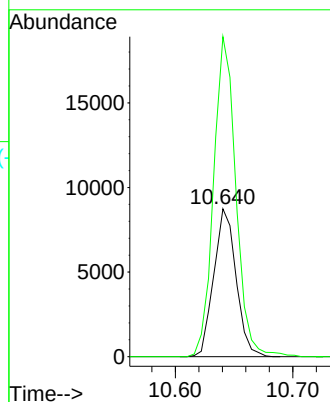
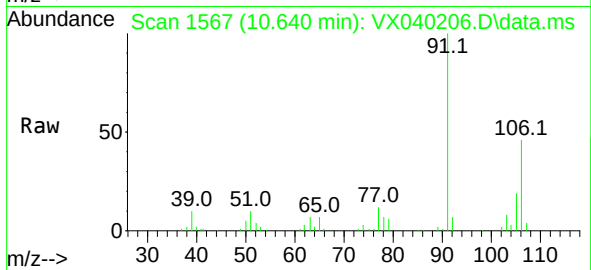
CG-MW-17-ch4DL

Tgt Ion:106 Resp: 11544

Ion Ratio Lower Upper

106 100

91 216.4 108.9 326.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

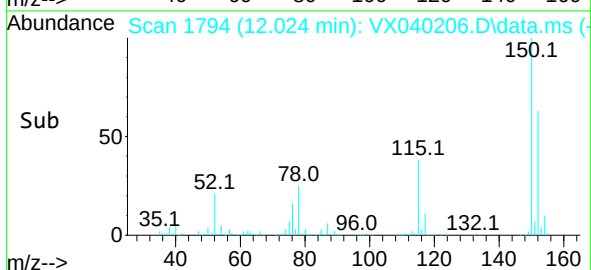
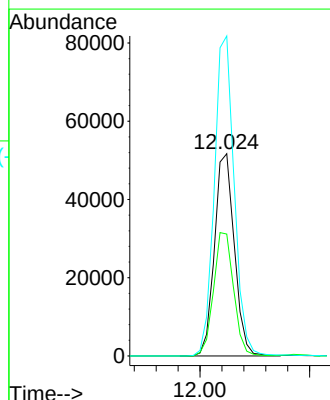
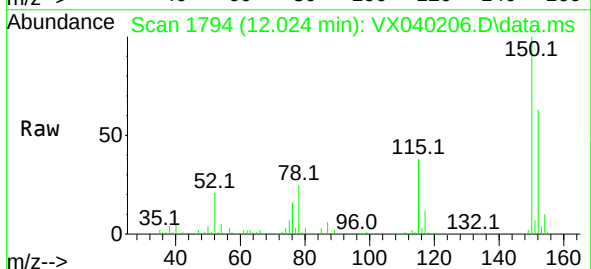
Tgt Ion:152 Resp: 65167

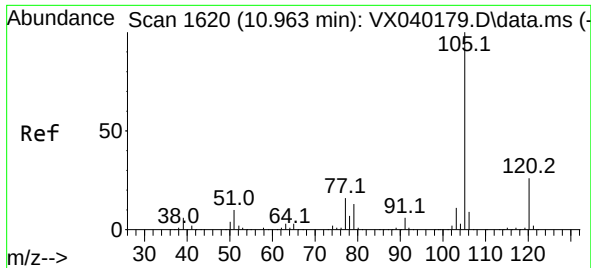
Ion Ratio Lower Upper

152 100

115 61.5 43.3 129.9

150 158.8 0.0 345.0

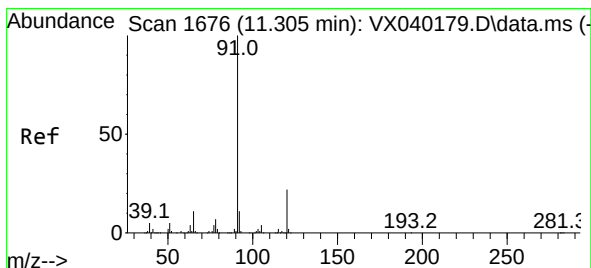
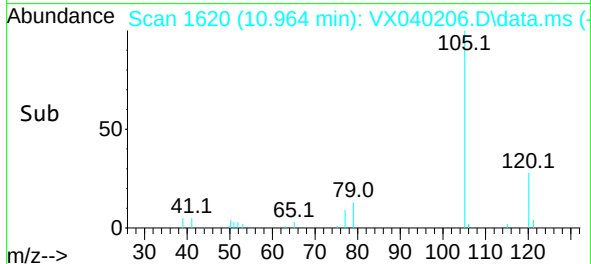
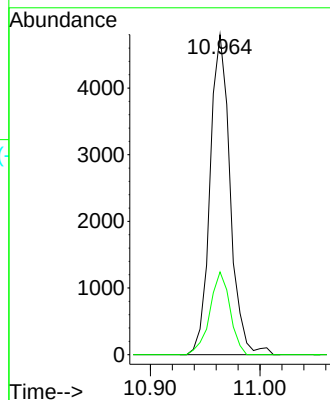
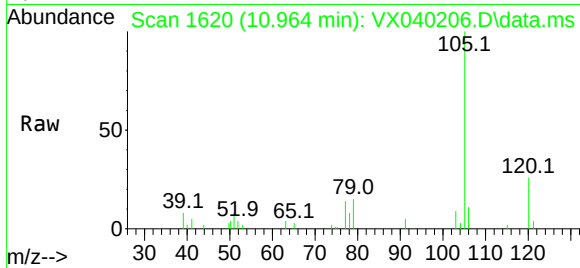




#73
Isopropylbenzene
Concen: 1.332 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

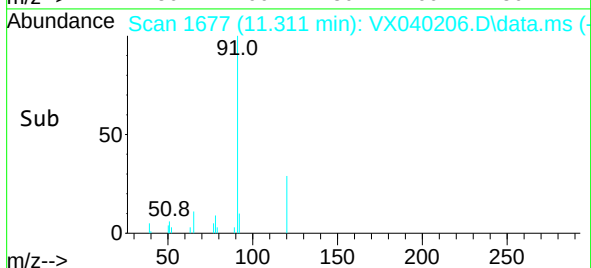
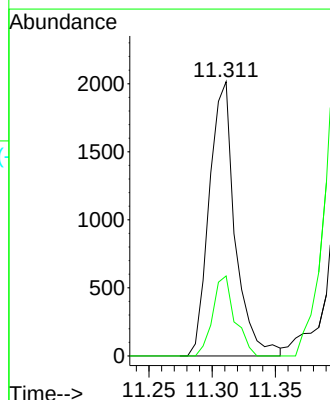
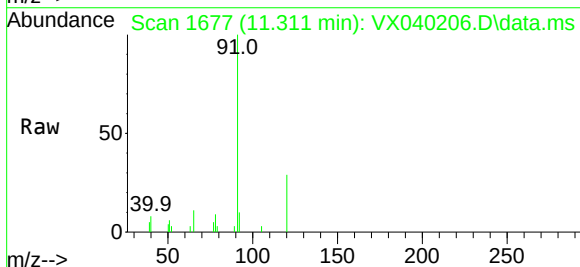
Instrument :
MSVOA_X
ClientSampleId :
CG-MW-17-ch4DL

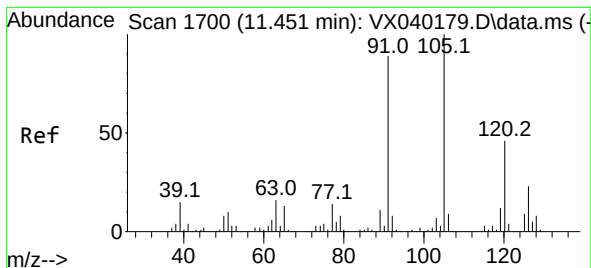
Tgt Ion:105 Resp: 6113
Ion Ratio Lower Upper
105 100
120 25.9 12.9 38.6



#78
n-propylbenzene
Concen: 0.515 ug/l
RT: 11.311 min Scan# 1677
Delta R.T. 0.006 min
Lab File: VX040206.D
Acq: 12 Feb 2024 17:46

Tgt Ion: 91 Resp: 2863
Ion Ratio Lower Upper
91 100
120 24.9 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 1.016 ug/l

RT: 11.451 min Scan# 1700

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Instrument :

MSVOA_X

ClientSampleId :

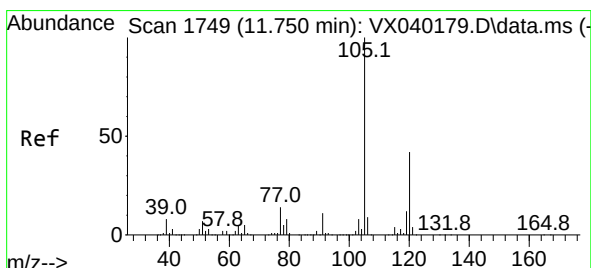
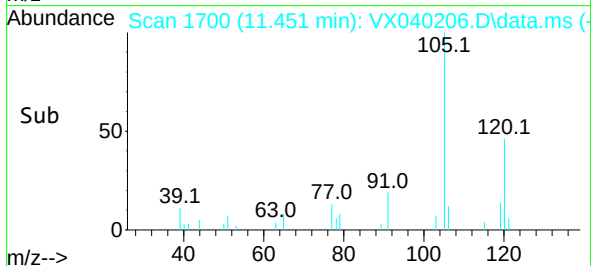
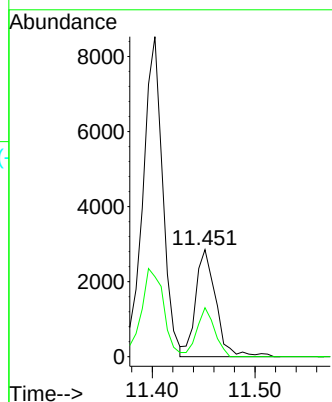
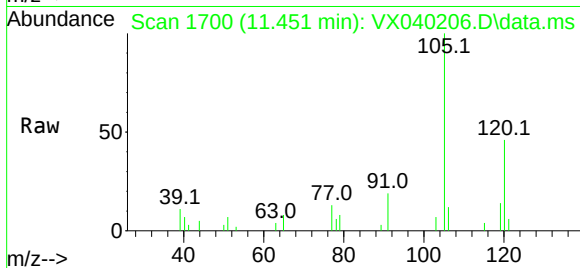
CG-MW-17-ch4DL

Tgt Ion:105 Resp: 3927

Ion Ratio Lower Upper

105 100

120 39.1 24.1 72.3



#84

1,2,4-Trimethylbenzene

Concen: 4.453 ug/l

RT: 11.750 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VX040206.D

Acq: 12 Feb 2024 17:46

Tgt Ion:105 Resp: 17408

Ion Ratio Lower Upper

105 100

120 45.5 21.2 63.6

