

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051822\
 Data File : VX028806.D
 Acq On : 18 May 2022 15:19
 Operator : JC/MD
 Sample : N2902-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 WASTE-WATER-5/16/22

Quant Time: May 19 01:34:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

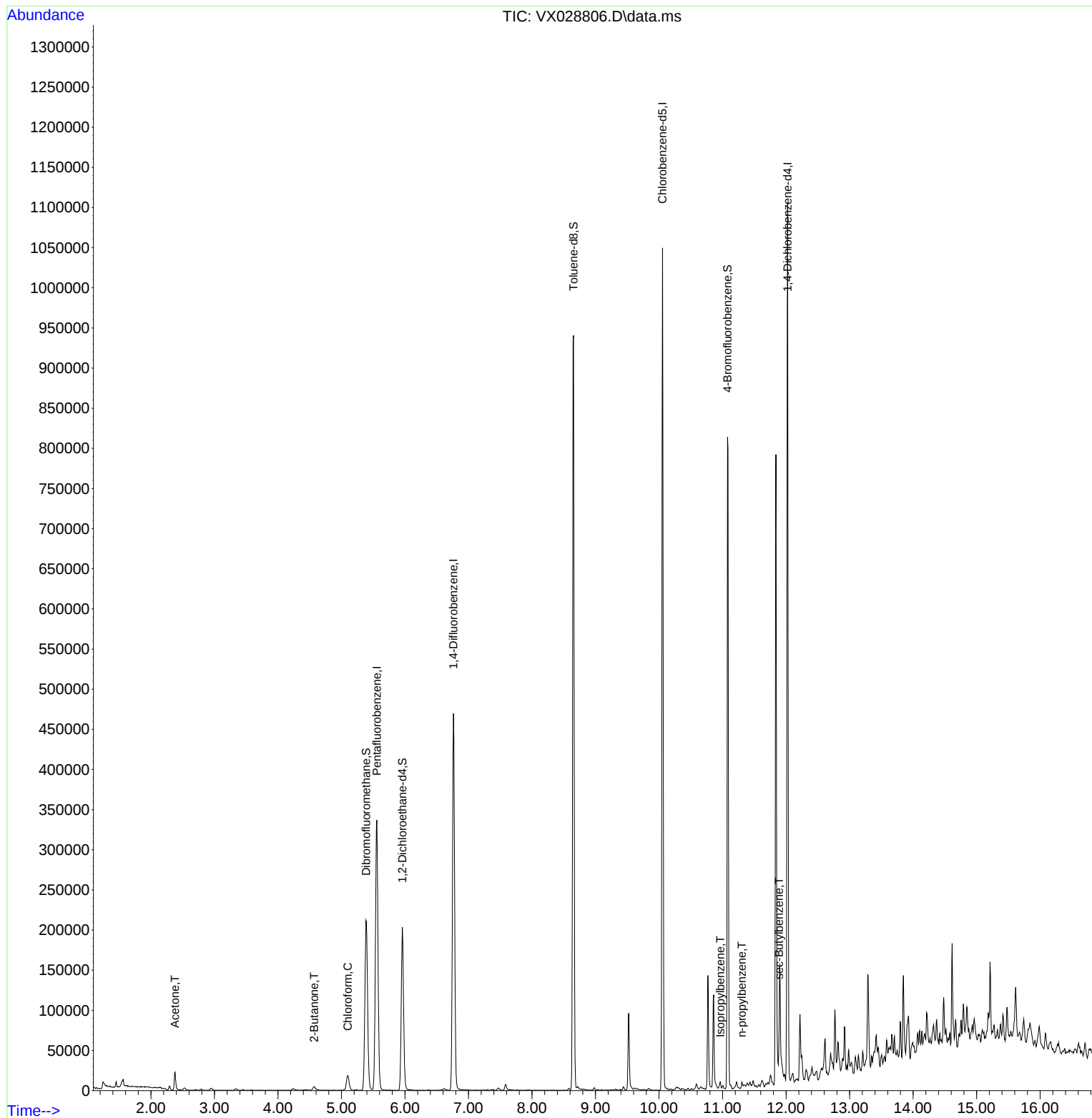
Internal Standards						
1) Pentafluorobenzene	5.556	168	303575	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	475406	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	449986	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	184430	44.320	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	88.640%
35) Dibromofluoromethane	5.385	113	183940	59.054	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	118.100%
50) Toluene-d8	8.653	98	566407	48.232	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	96.460%
62) 4-Bromofluorobenzene	11.079	95	213830	48.750	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	97.500%
Target Compounds						
						Qvalue
16) Acetone	2.380	43	23452	13.131	ug/l	94
25) 2-Butanone	4.568	43	8221	2.933	ug/l	# 87
30) Chloroform	5.099	83	21952	3.240	ug/l	96
73) Isopropylbenzene	10.963	105	3726	0.234	ug/l	91
78) n-propylbenzene	11.305	91	5044	0.274	ug/l	100
85) sec-Butylbenzene	11.890	105	6617	0.417	ug/l	78

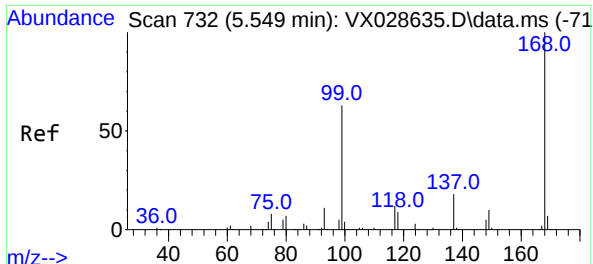
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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WASTE-WATER-5/16/22

Quant Time: May 19 01:34:46 2022
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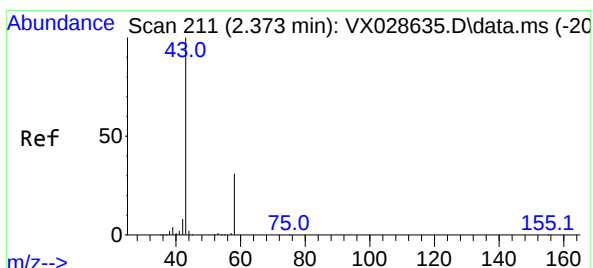
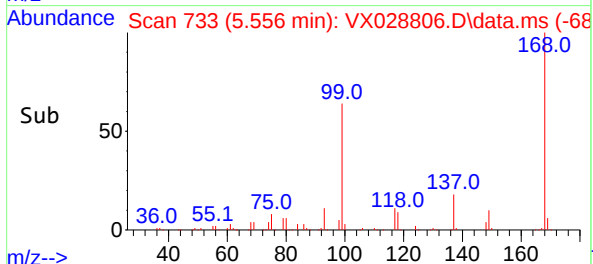
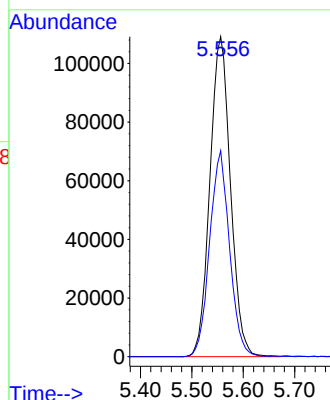
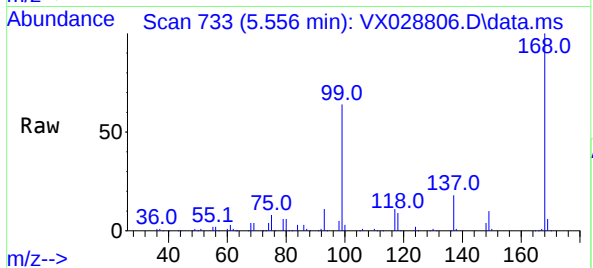




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

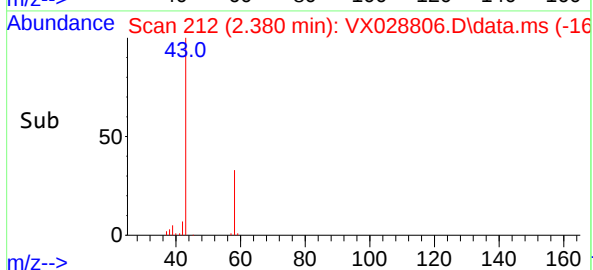
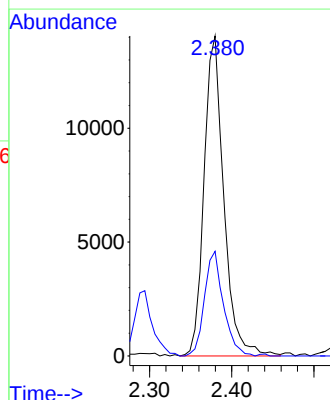
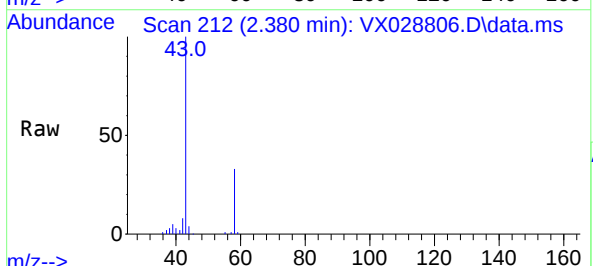
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-5/16/22

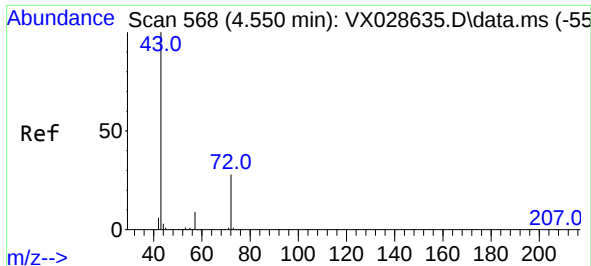
Tgt Ion:168 Resp: 303575
Ion Ratio Lower Upper
168 100
99 64.3 41.7 62.5#



#16
Acetone
Concen: 13.131 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

Tgt Ion: 43 Resp: 23452
Ion Ratio Lower Upper
43 100
58 32.7 28.8 43.2





#25

2-Butanone

Concen: 2.933 ug/l

RT: 4.568 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX028806.D

Acq: 18 May 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

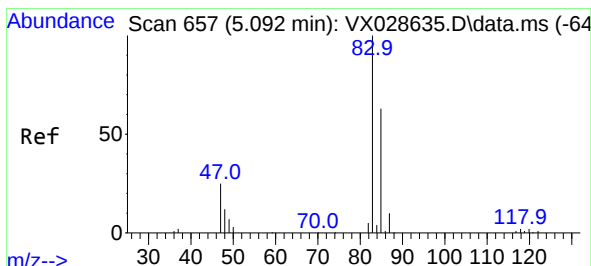
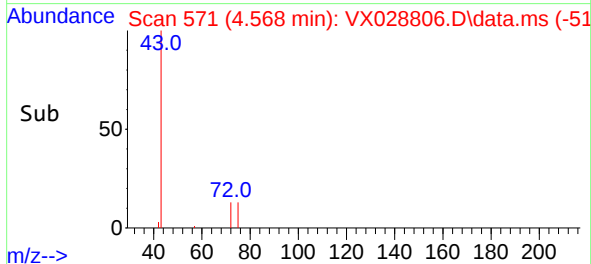
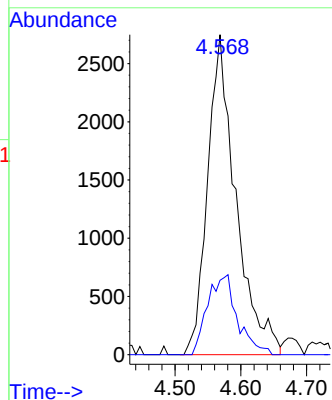
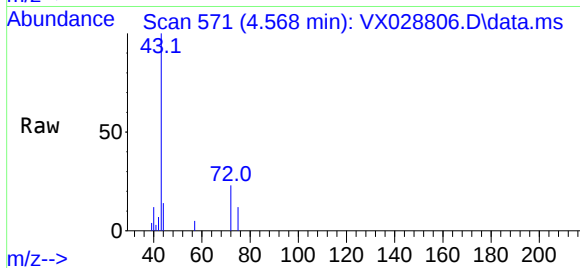
WASTE-WATER-5/16/22

Tgt Ion: 43 Resp: 8221

Ion Ratio Lower Upper

43 100

72 23.3 24.4 36.6#



#30

Chloroform

Concen: 3.240 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX028806.D

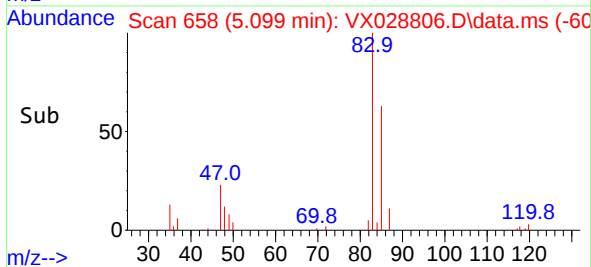
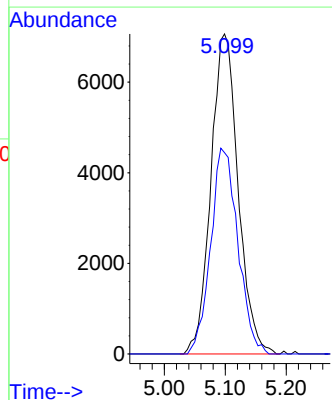
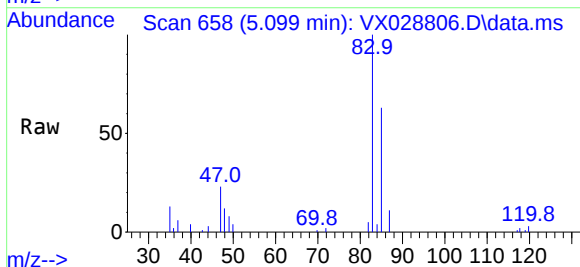
Acq: 18 May 2022 15:19

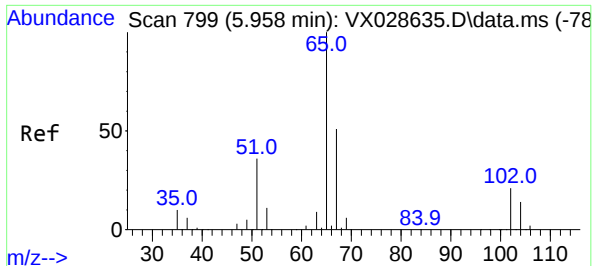
Tgt Ion: 83 Resp: 21952

Ion Ratio Lower Upper

83 100

85 62.9 52.7 79.1





#33

1,2-Dichloroethane-d4

Concen: 44.320 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028806.D

Acq: 18 May 2022 15:19

Instrument :

MSVOA_X

ClientSampleId :

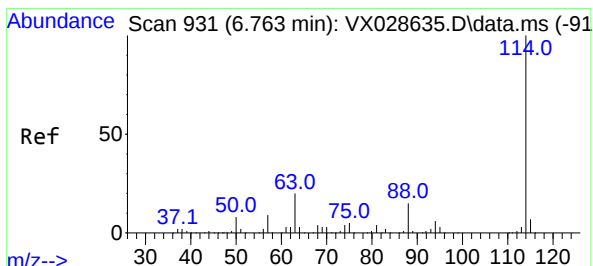
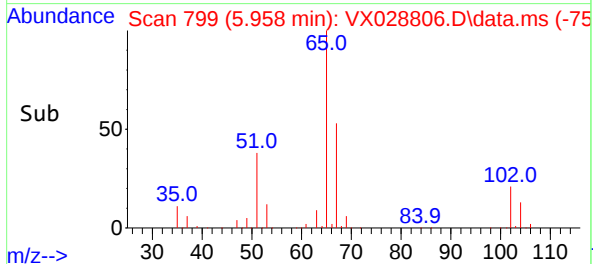
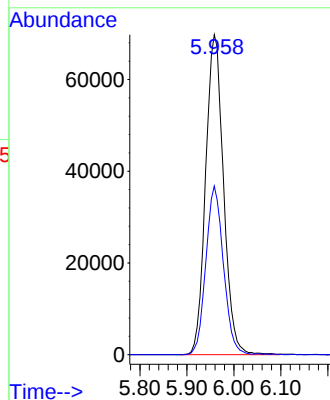
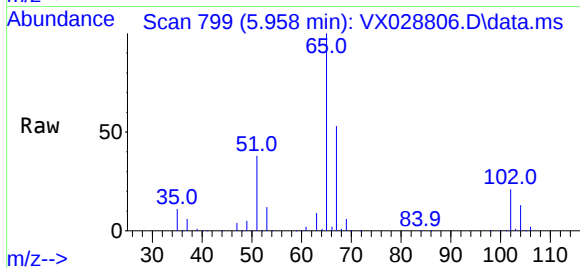
WASTE-WATER-5/16/22

Tgt Ion: 65 Resp: 184430

Ion Ratio Lower Upper

65 100

67 51.6 0.0 107.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. -0.000 min

Lab File: VX028806.D

Acq: 18 May 2022 15:19

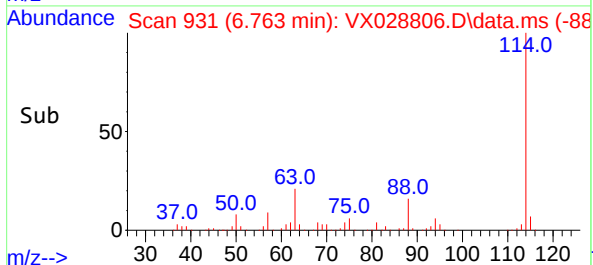
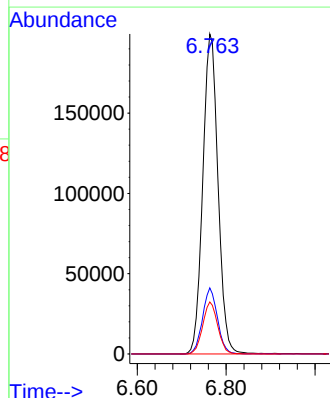
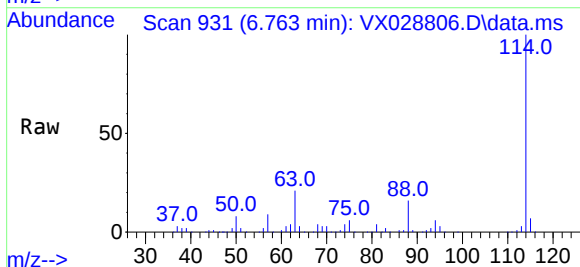
Tgt Ion: 114 Resp: 475406

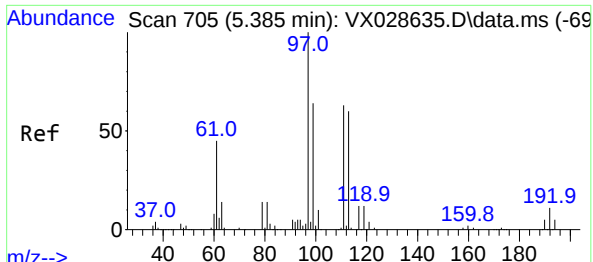
Ion Ratio Lower Upper

114 100

63 20.6 0.0 36.8

88 16.2 0.0 32.4

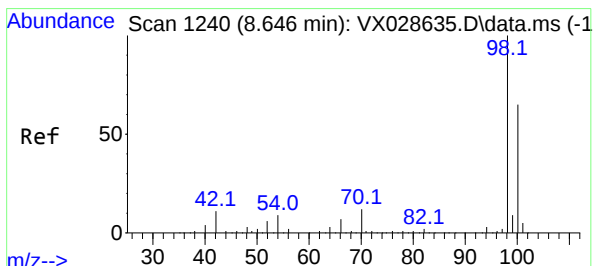
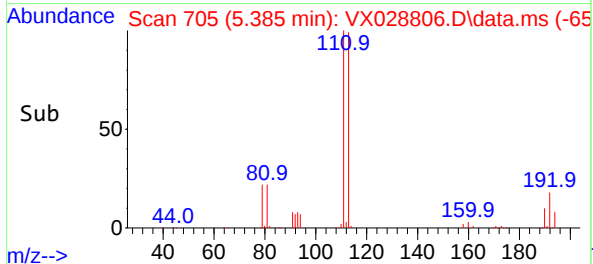
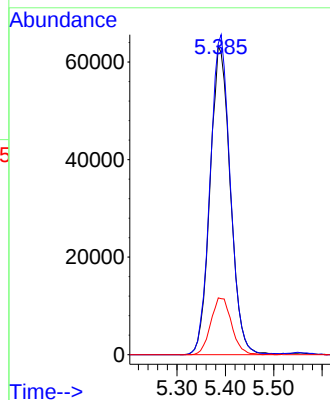
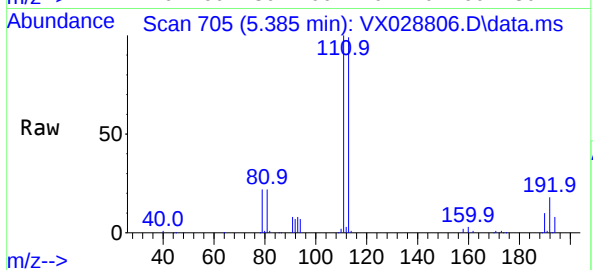




#35
Dibromofluoromethane
Concen: 59.054 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

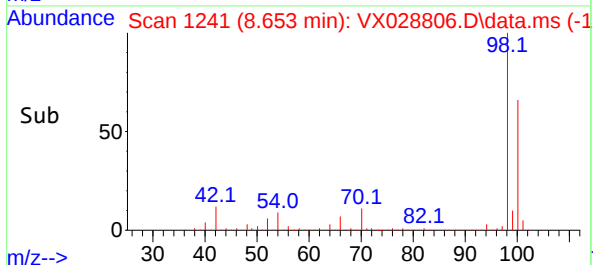
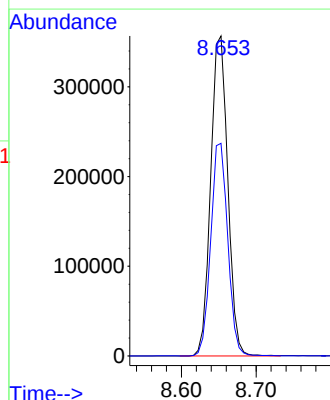
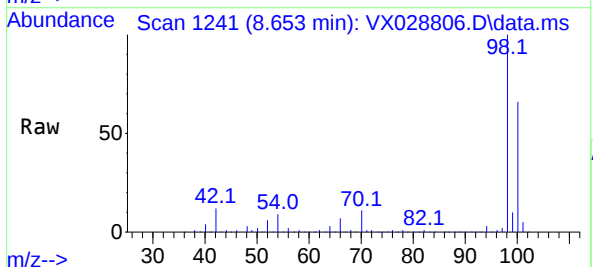
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-5/16/22

Tgt Ion:113 Resp: 183940
Ion Ratio Lower Upper
113 100
111 103.2 82.8 124.2
192 18.8 16.9 25.3



#50
Toluene-d8
Concen: 48.232 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

Tgt Ion: 98 Resp: 566407
Ion Ratio Lower Upper
98 100
100 66.2 52.6 78.8

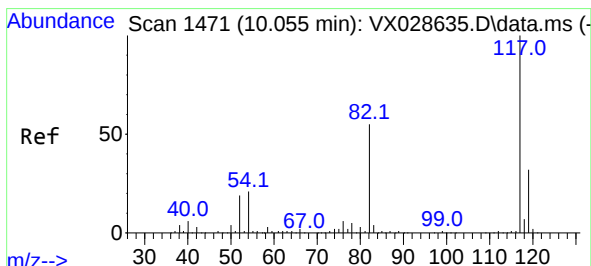
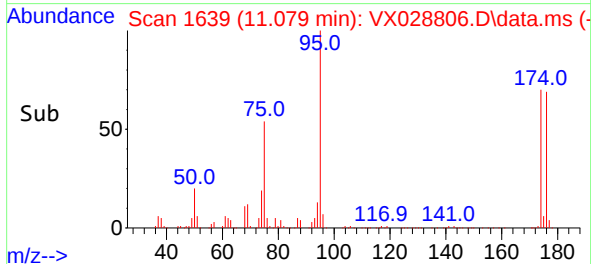
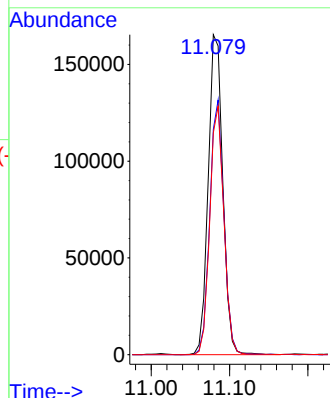
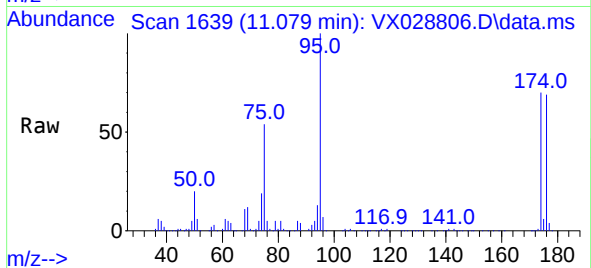




#62
4-Bromofluorobenzene
Concen: 48.750 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

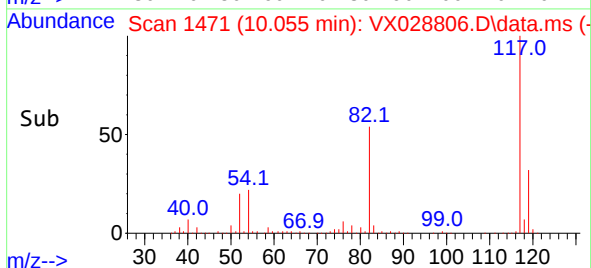
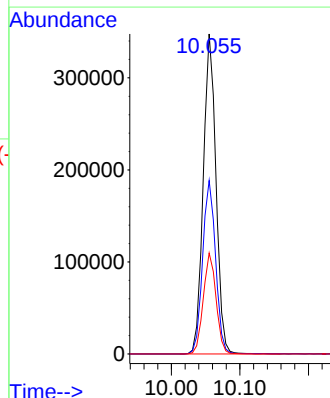
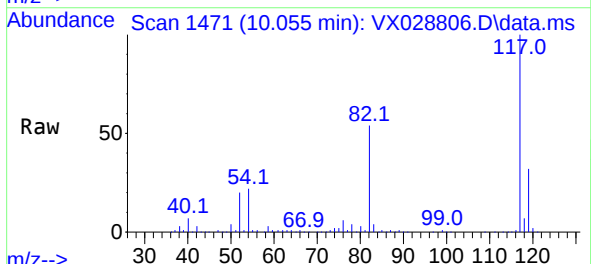
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-5/16/22

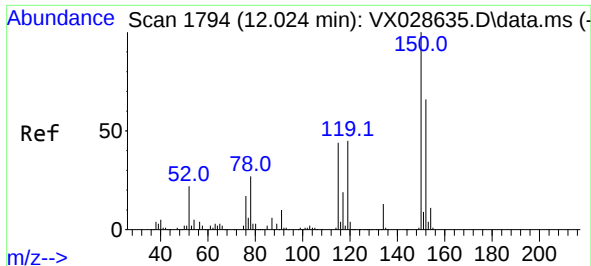
Tgt Ion: 95 Resp: 213830
Ion Ratio Lower Upper
95 100
174 76.7 0.0 163.0
176 74.8 0.0 155.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

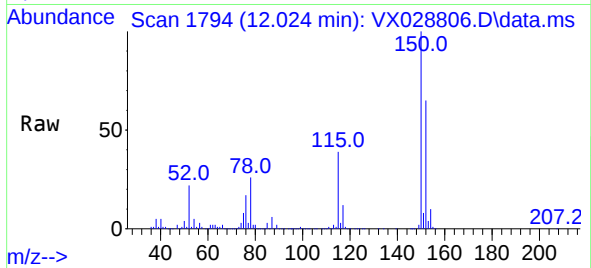
Tgt Ion: 117 Resp: 449986
Ion Ratio Lower Upper
117 100
82 54.2 41.8 62.8
119 31.6 24.8 37.2



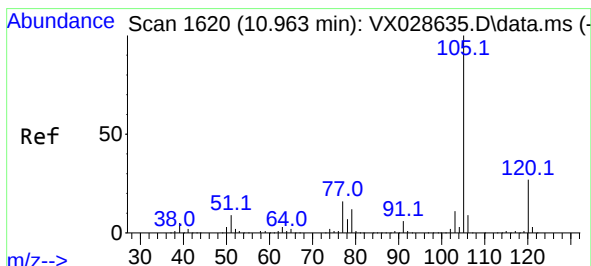
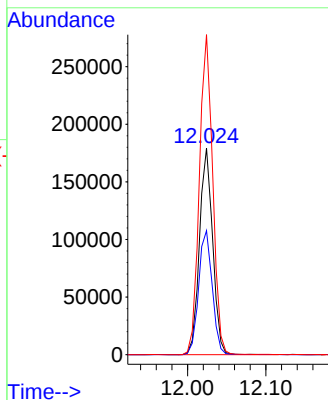
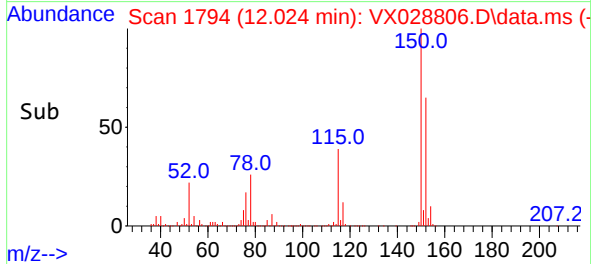


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

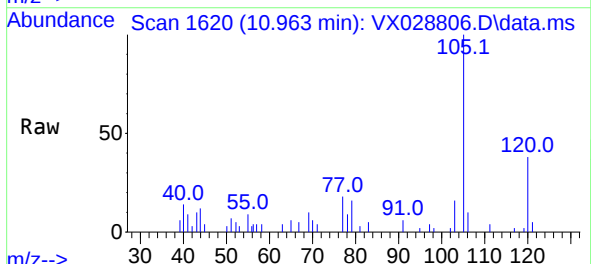
Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-5/16/22



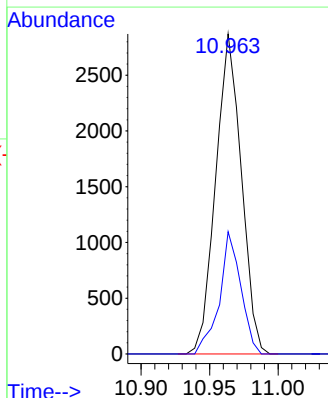
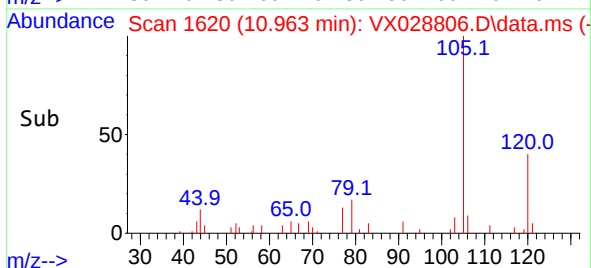
Tgt Ion:152 Resp: 210046
Ion Ratio Lower Upper
152 100
115 61.8 37.5 112.7
150 156.4 0.0 338.2

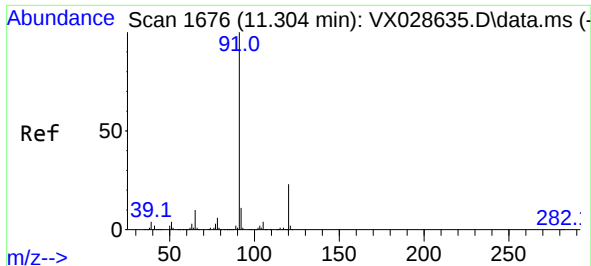


#73
Isopropylbenzene
Concen: 0.234 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19



Tgt Ion:105 Resp: 3726
Ion Ratio Lower Upper
105 100
120 31.9 13.5 40.5

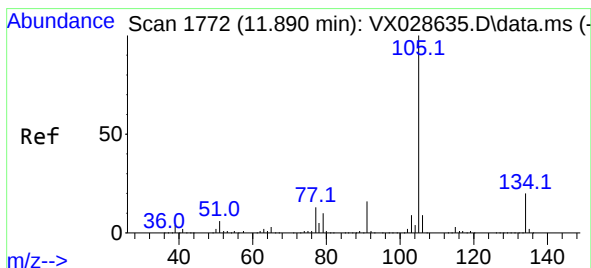
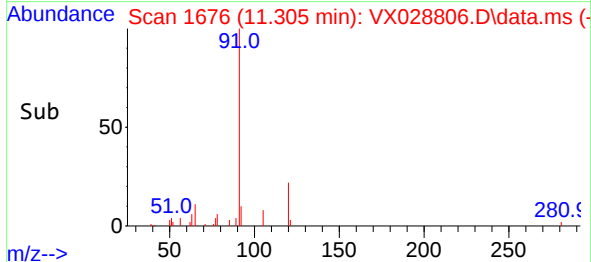
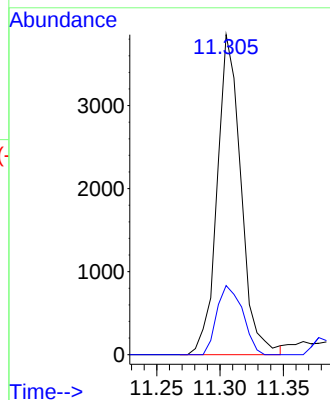
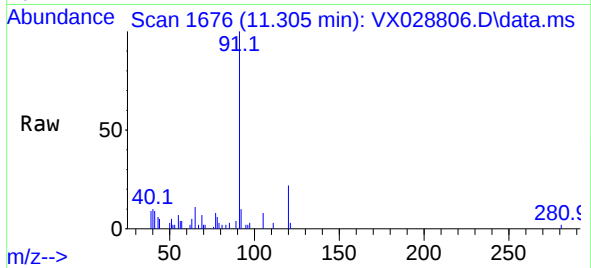




#78
n-propylbenzene
Concen: 0.274 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

Instrument :
MSVOA_X
ClientSampleId :
WASTE-WATER-5/16/22

Tgt Ion: 91 Resp: 5044
Ion Ratio Lower Upper
91 100
120 23.3 11.6 34.8



#85
sec-Butylbenzene
Concen: 0.417 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028806.D
Acq: 18 May 2022 15:19

Tgt Ion: 105 Resp: 6617
Ion Ratio Lower Upper
105 100
134 30.4 10.2 30.4

