

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091522\
 Data File : VX031394.D
 Acq On : 16 Sep 2022 08:08
 Operator : JC/MD
 Sample : N4537-02
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 48 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

Quant Time: Sep 16 18:55:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091422W.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 15 01:50:07 2022
 Response via : Initial Calibration

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

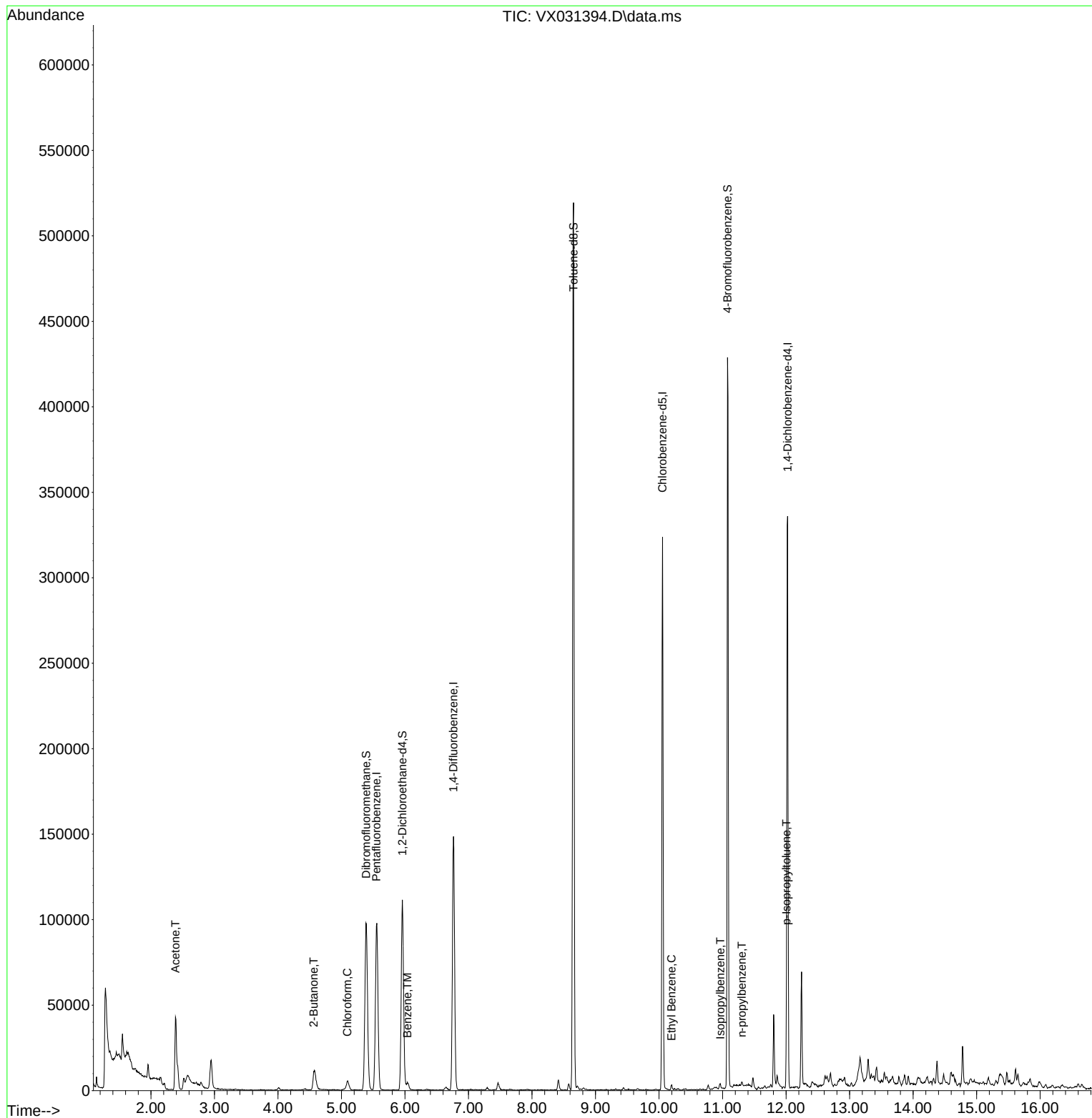
Internal Standards						
1) Pentafluorobenzene	5.550	168	93378	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	6.763	114	153393	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	136089	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	64802	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	97768	42.656	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.320%
35) Dibromofluoromethane	5.385	113	80506	48.825	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.660%
50) Toluene-d8	8.653	98	303353	49.046	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.100%
62) 4-Bromofluorobenzene	11.079	95	97595	43.089	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.180%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	50485	51.596	ug/l	99
25) 2-Butanone	4.562	43	14174	8.782	ug/l	93
30) Chloroform	5.092	83	5664	1.691	ug/l	98
40) Benzene	6.037	78	4807	0.742	ug/l	98
67) Ethyl Benzene	10.195	91	1939	0.297	ug/l	97
73) Isopropylbenzene	10.963	105	1373	0.287	ug/l	96
78) n-propylbenzene	11.305	91	1167	0.208	ug/l	82
86) p-Isopropyltoluene	12.006	119	12156	2.969	ug/l	97

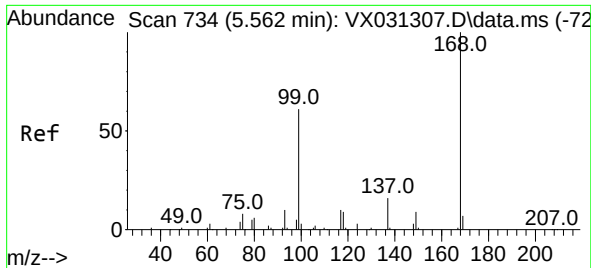
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Data File : VX031394.D
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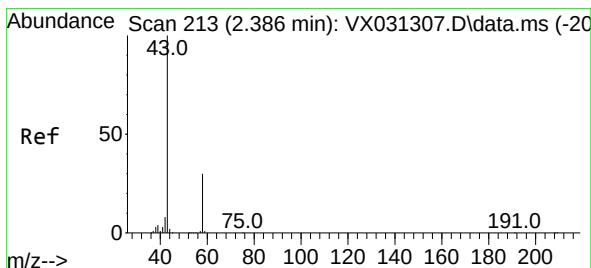
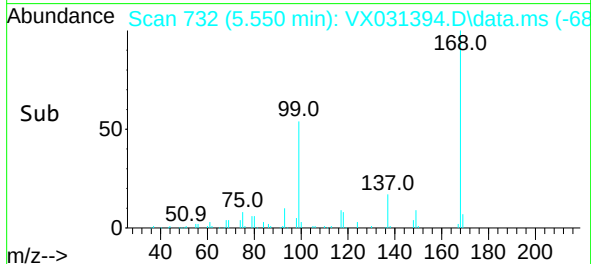
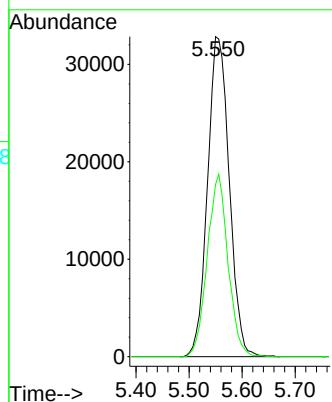
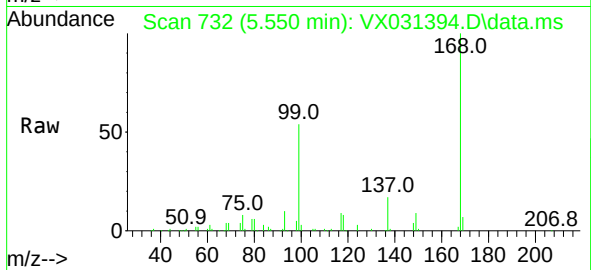




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.550 min Scan# 71
Delta R.T. -0.012 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

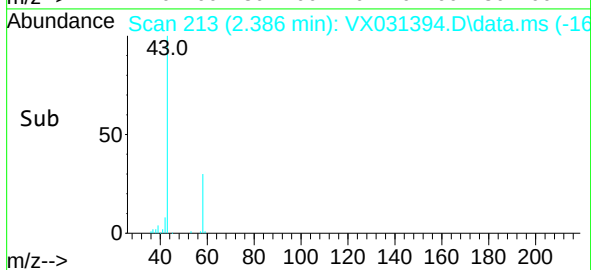
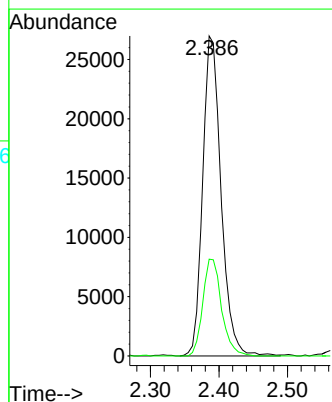
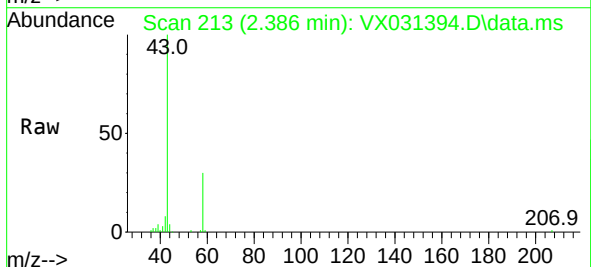
Instrument :
MSVOA_X
ClientSampleId :
MW2

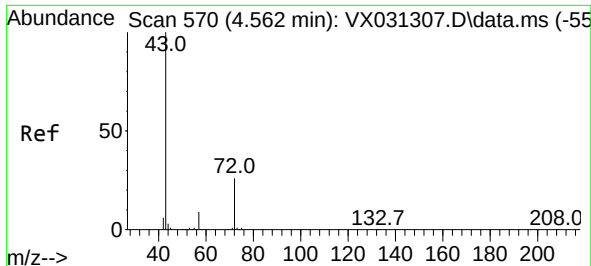
Tgt Ion:168 Resp: 93378
Ion Ratio Lower Upper
168 100
99 53.8 48.8 73.2



#16
Acetone
Concen: 51.596 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Tgt Ion: 43 Resp: 50485
Ion Ratio Lower Upper
43 100
58 30.3 23.8 35.8

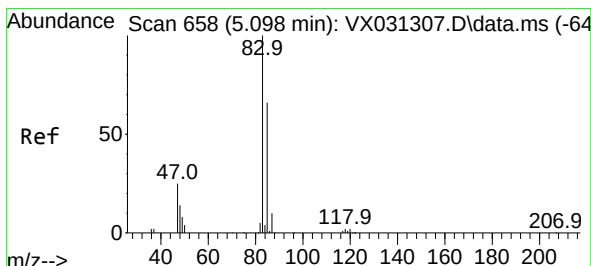
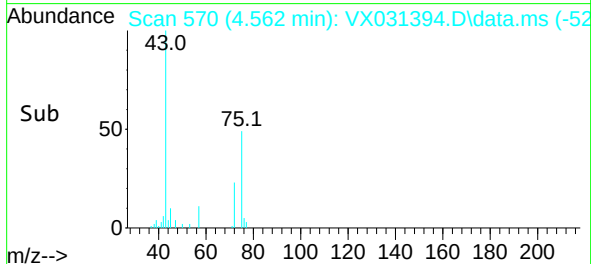
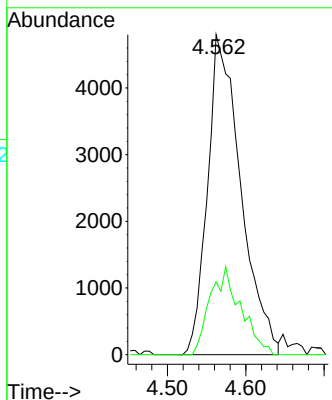
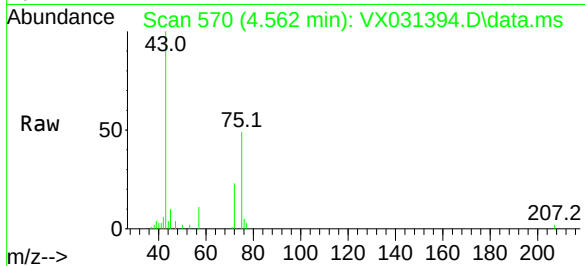




#25
2-Butanone
Concen: 8.782 ug/l
RT: 4.562 min Scan# 51
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

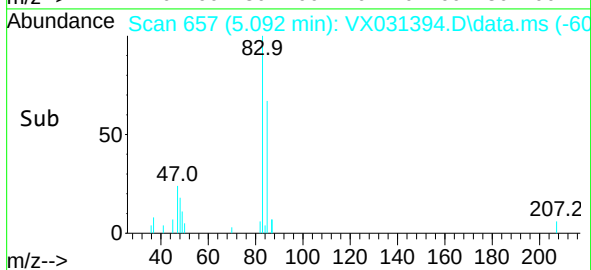
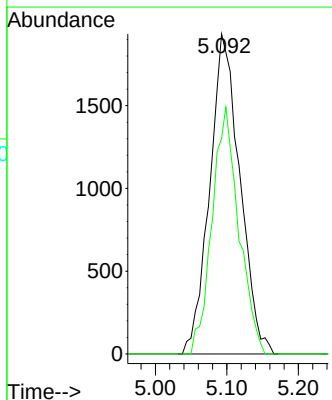
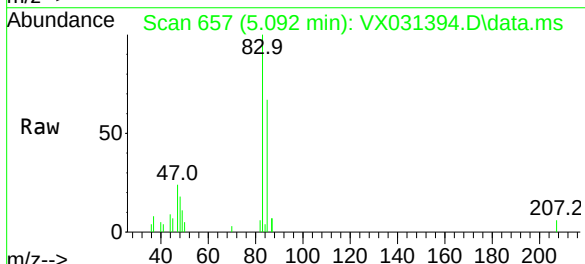
Instrument :
MSVOA_X
ClientSampleId :
MW2

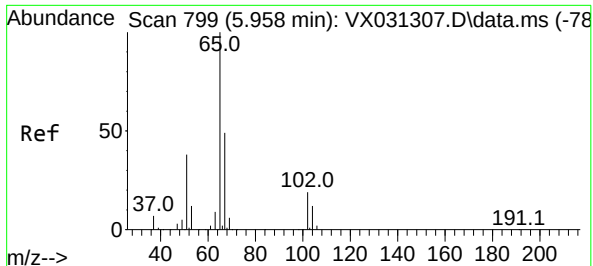
Tgt Ion: 43 Resp: 14174
Ion Ratio Lower Upper
43 100
72 22.7 21.1 31.7



#30
Chloroform
Concen: 1.691 ug/l
RT: 5.092 min Scan# 657
Delta R.T. -0.006 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Tgt Ion: 83 Resp: 5664
Ion Ratio Lower Upper
83 100
85 67.4 52.8 79.2





#33

1,2-Dichloroethane-d4

Concen: 42.656 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031394.D

Acq: 16 Sep 2022 08:08

Instrument :

MSVOA_X

ClientSampleId :

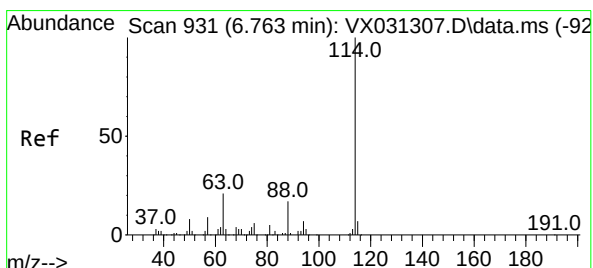
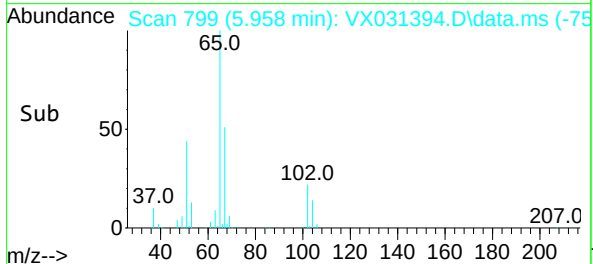
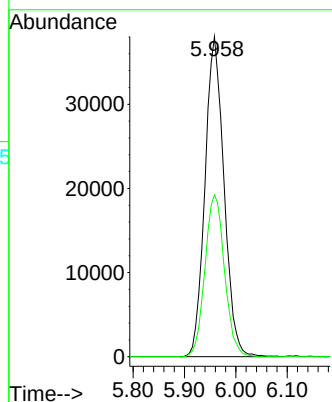
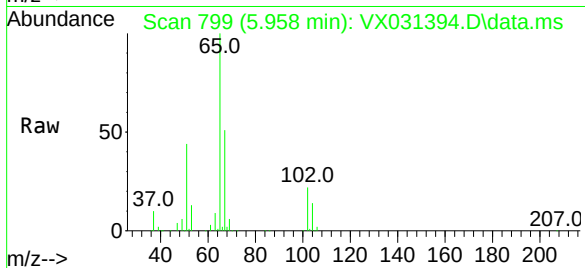
MW2

Tgt Ion: 65 Resp: 97768

Ion Ratio Lower Upper

65 100

67 51.9 0.0 102.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX031394.D

Acq: 16 Sep 2022 08:08

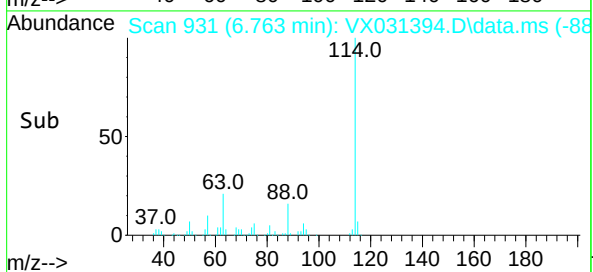
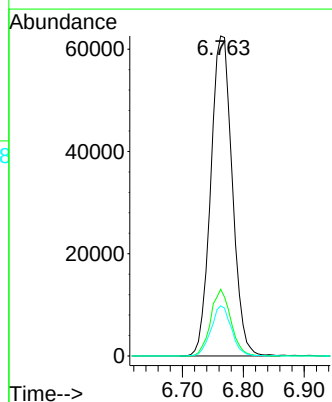
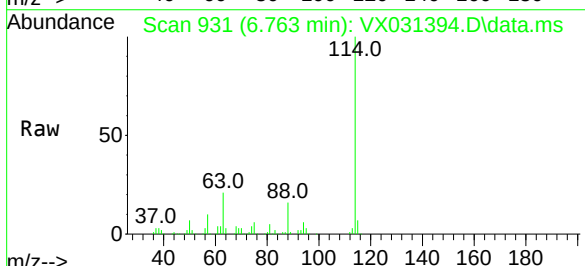
Tgt Ion: 114 Resp: 153393

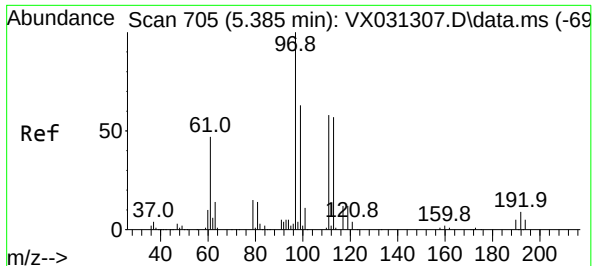
Ion Ratio Lower Upper

114 100

63 20.9 0.0 42.6

88 15.6 0.0 33.0

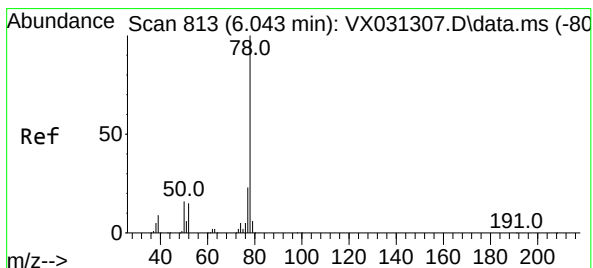
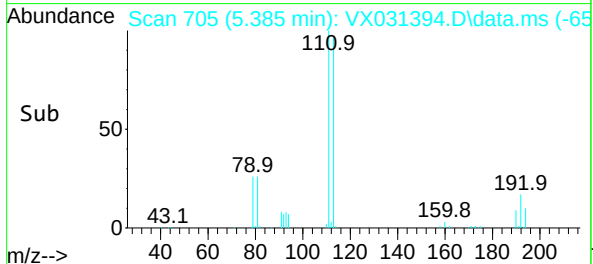
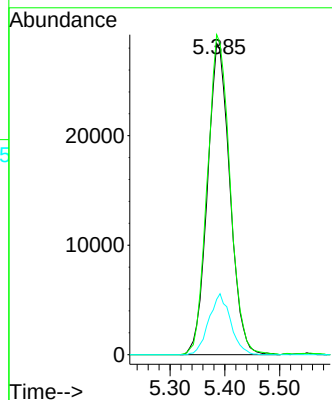
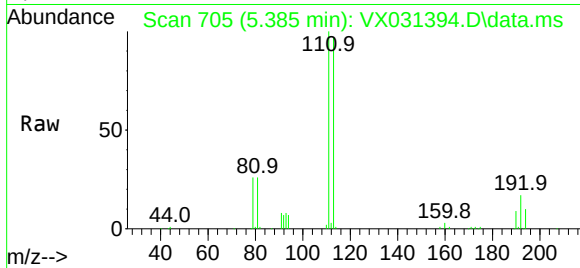




#35
Dibromofluoromethane
Concen: 48.825 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

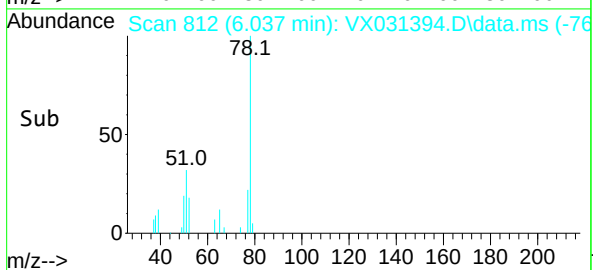
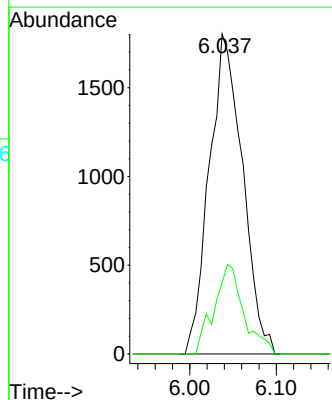
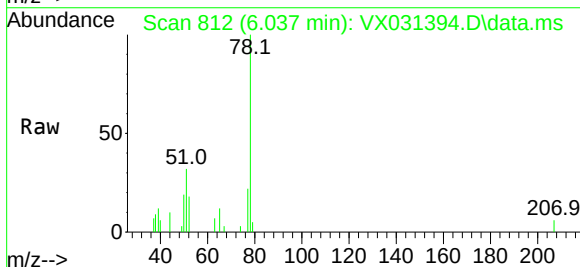
Instrument :
MSVOA_X
ClientSampleId :
MW2

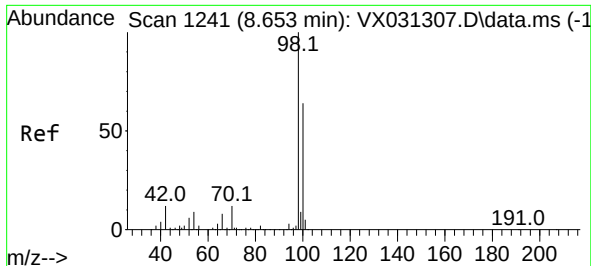
Tgt Ion:113 Resp: 80506
Ion Ratio Lower Upper
113 100
111 103.9 82.4 123.6
192 19.0 14.1 21.1



#40
Benzene
Concen: 0.742 ug/l
RT: 6.037 min Scan# 812
Delta R.T. -0.006 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Tgt Ion: 78 Resp: 4807
Ion Ratio Lower Upper
78 100
77 22.3 18.7 28.1

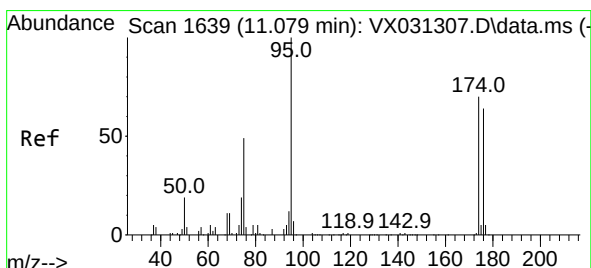
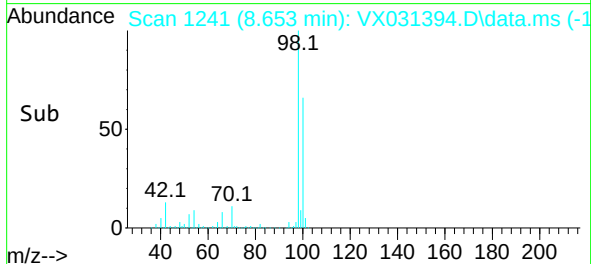
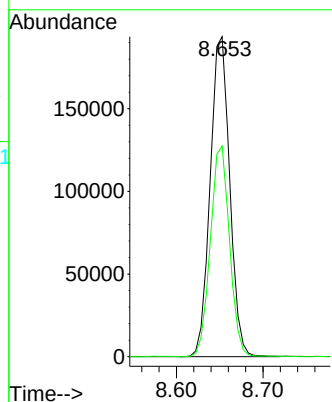
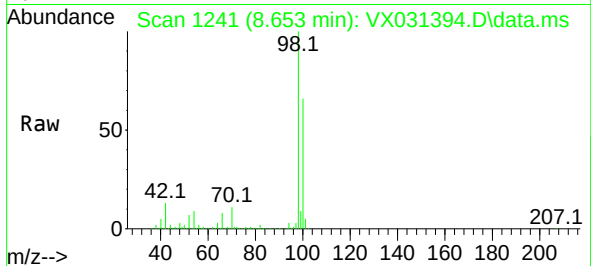




#50
Toluene-d8
Concen: 49.046 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

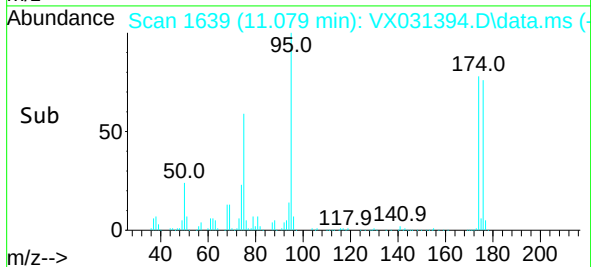
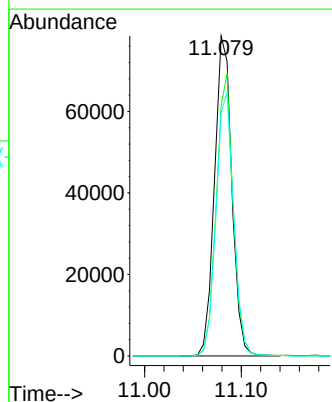
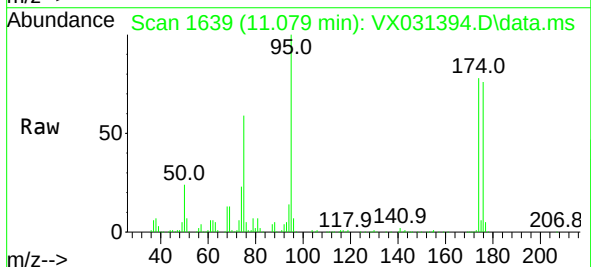
Instrument :
MSVOA_X
ClientSampleId :
MW2

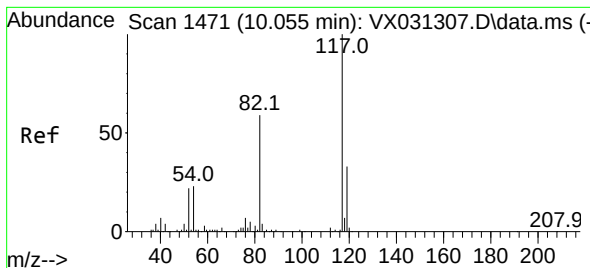
Tgt Ion: 98 Resp: 303353
Ion Ratio Lower Upper
98 100
100 64.8 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.089 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Tgt Ion: 95 Resp: 97595
Ion Ratio Lower Upper
95 100
174 86.6 0.0 153.2
176 83.7 0.0 144.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.055 min Scan# 1471

Delta R.T. 0.000 min

Lab File: VX031394.D

Acq: 16 Sep 2022 08:08

Instrument :

MSVOA_X

ClientSampleId :

MW2

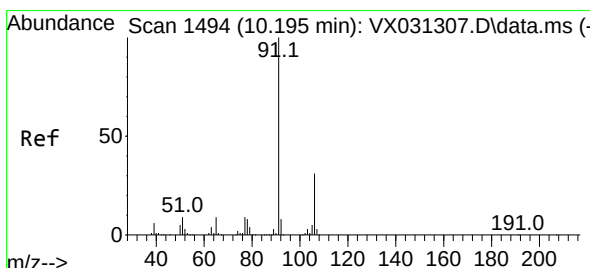
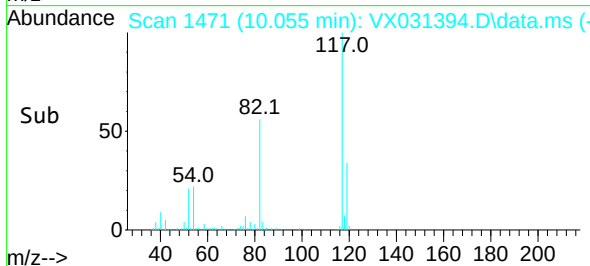
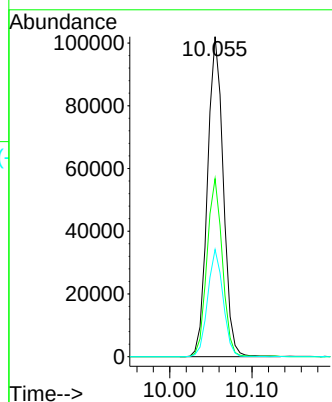
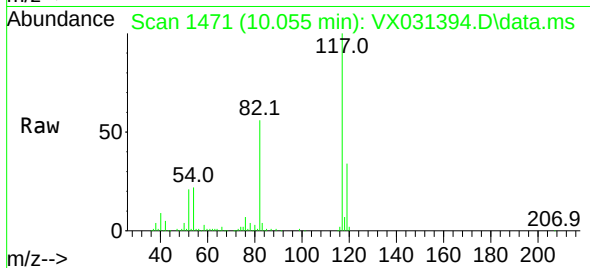
Tgt Ion:117 Resp: 136089

Ion Ratio Lower Upper

117 100

82 55.6 46.8 70.2

119 33.5 26.4 39.6



#67

Ethyl Benzene

Concen: 0.297 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX031394.D

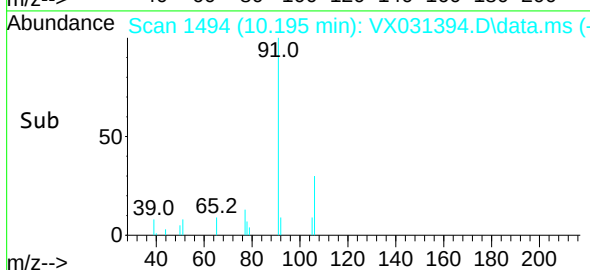
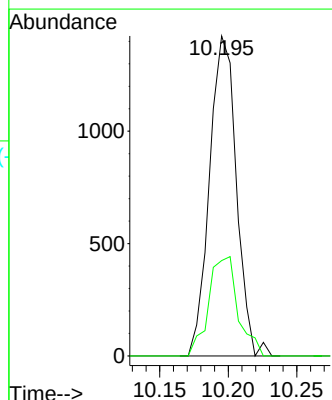
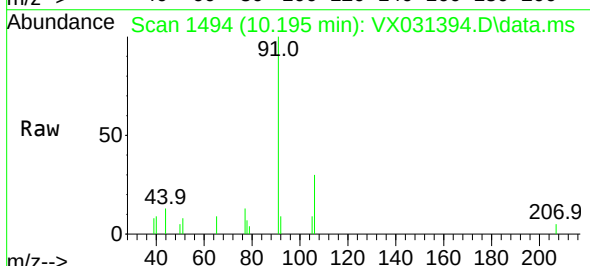
Acq: 16 Sep 2022 08:08

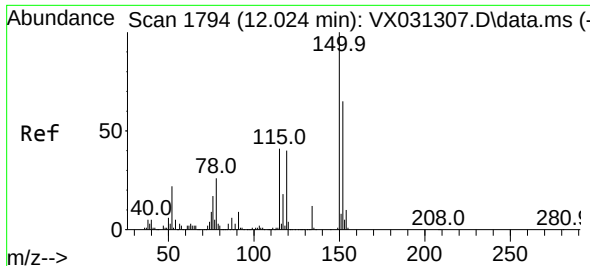
Tgt Ion: 91 Resp: 1939

Ion Ratio Lower Upper

91 100

106 29.8 25.2 37.8

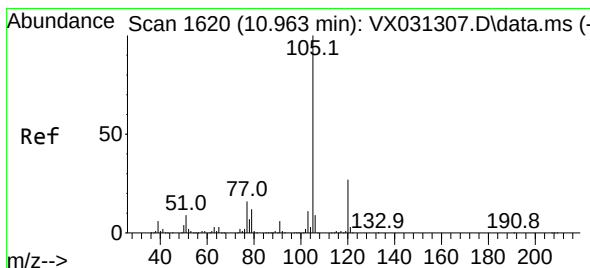
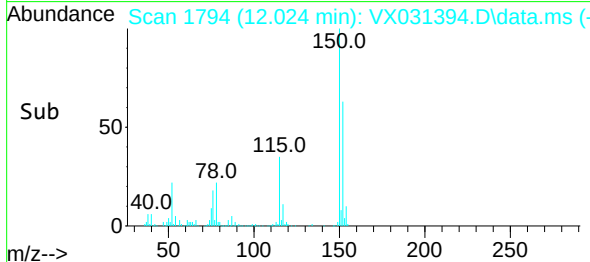
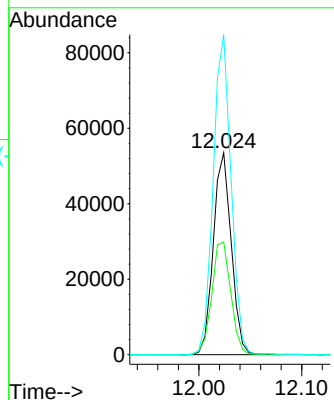
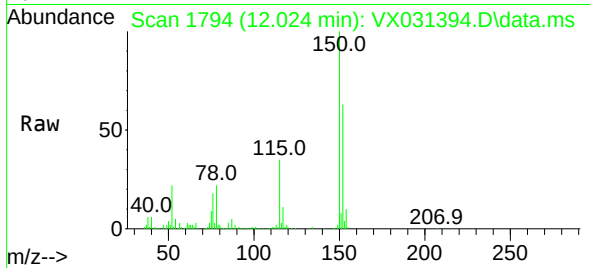




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031394.D
 Acq: 16 Sep 2022 08:08

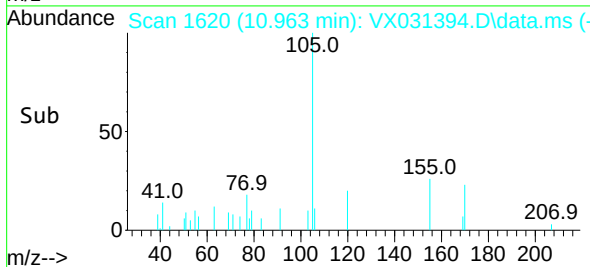
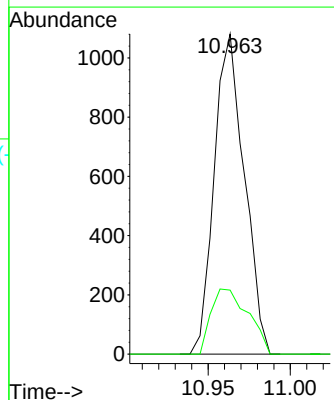
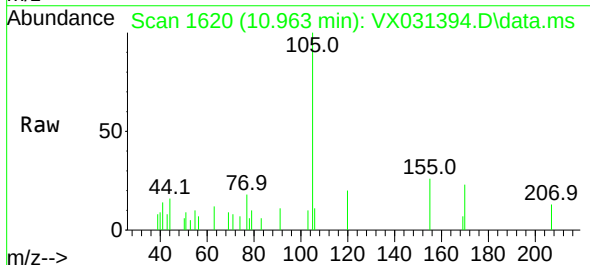
Instrument :
 MSVOA_X
 ClientSampleId :
 MW2

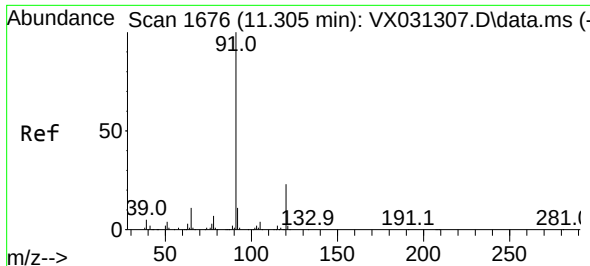
Tgt Ion:152 Resp: 64802
 Ion Ratio Lower Upper
 152 100
 115 59.6 43.4 130.1
 150 157.9 0.0 346.8



#73
 Isopropylbenzene
 Concen: 0.287 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX031394.D
 Acq: 16 Sep 2022 08:08

Tgt Ion:105 Resp: 1373
 Ion Ratio Lower Upper
 105 100
 120 25.1 13.7 41.0

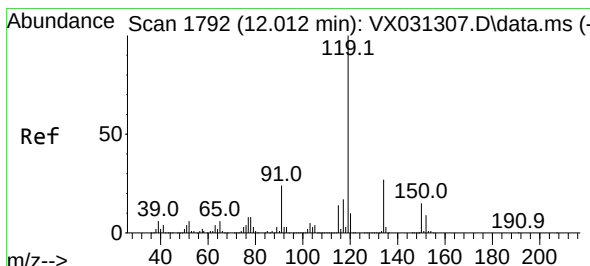
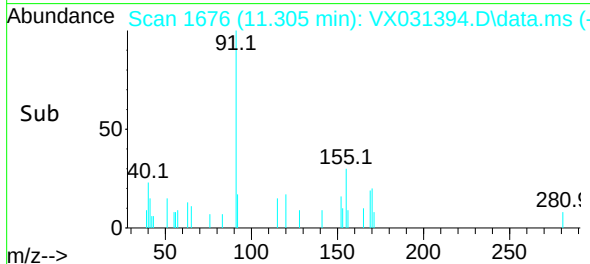
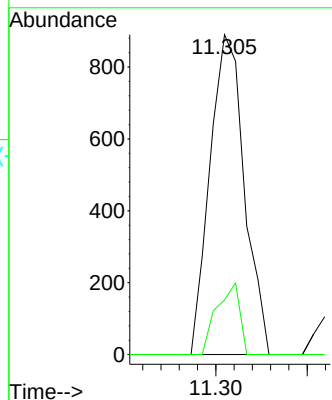
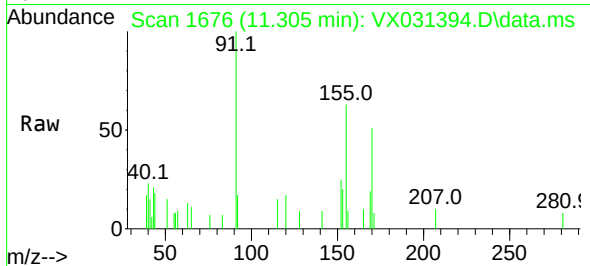




#78
n-propylbenzene
Concen: 0.208 ug/l
RT: 11.305 min Scan# 1167
Delta R.T. 0.000 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Instrument :
MSVOA_X
ClientSampleId :
MW2

Tgt Ion: 91 Resp: 1167
Ion Ratio Lower Upper
91 100
120 14.8 11.8 35.4



#86
p-Isopropyltoluene
Concen: 2.969 ug/l
RT: 12.006 min Scan# 1791
Delta R.T. -0.006 min
Lab File: VX031394.D
Acq: 16 Sep 2022 08:08

Tgt Ion: 119 Resp: 12156
Ion Ratio Lower Upper
119 100
134 28.0 13.4 40.2
91 27.1 12.4 37.2

