

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX042823\
 Data File : VX035406.D
 Acq On : 28 Apr 2023 21:08
 Operator : JC/MD
 Sample : 02522-11
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Quant Time: Apr 29 00:45:09 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X042523W.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 16:31:40 2023
 Response via : Initial Calibration

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

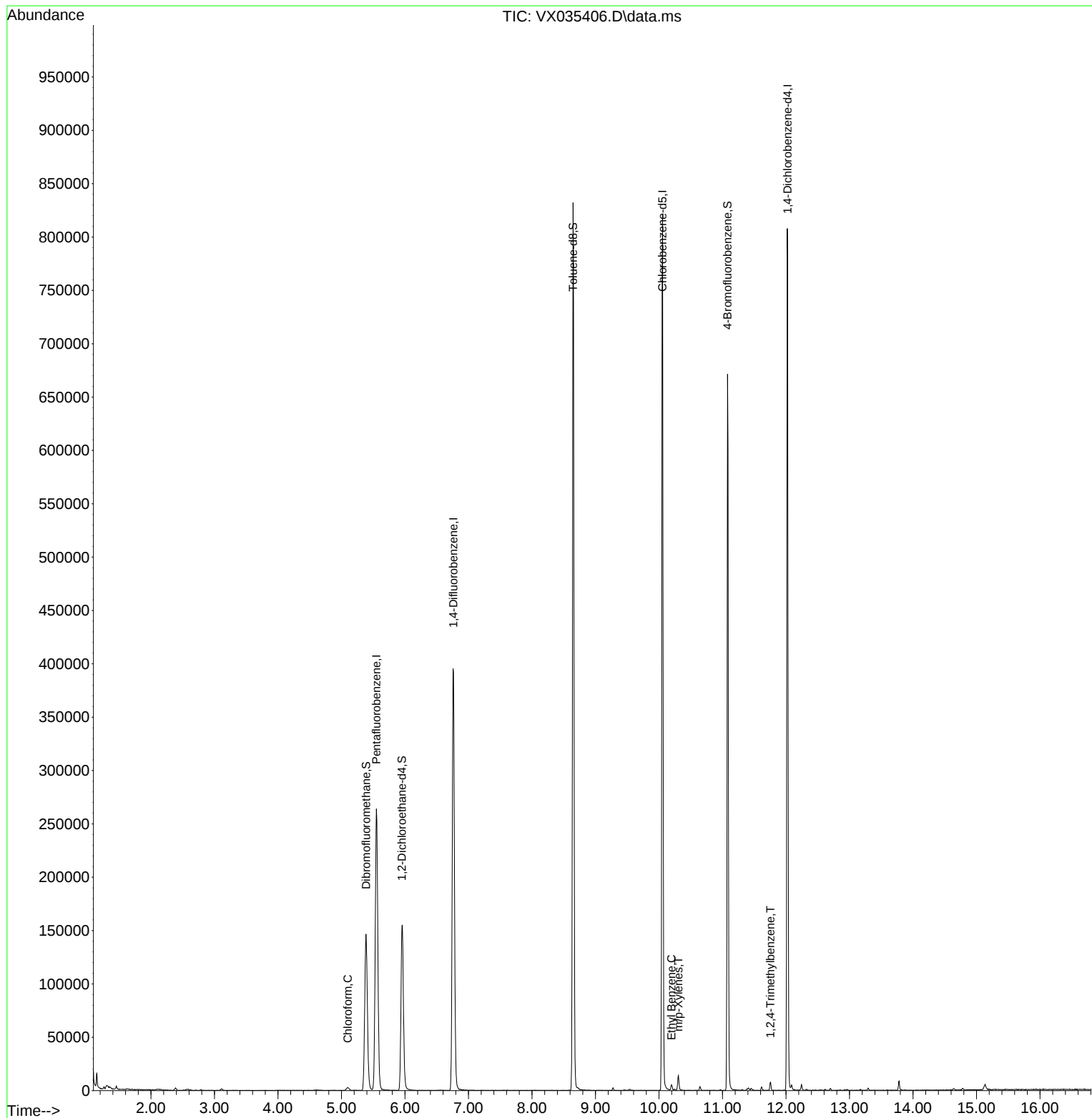
Internal Standards						
1) Pentafluorobenzene	5.550	168	260703	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	423002	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	387264	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	181424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.952	65	153206	48.711	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	97.420%
35) Dibromofluoromethane	5.385	113	130389	50.222	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.440%
50) Toluene-d8	8.647	98	495608	50.603	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	101.200%
62) 4-Bromofluorobenzene	11.079	95	188586	51.186	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	102.380%
Target Compounds						
					Qvalue	
30) Chloroform	5.099	83	3572	0.712	ug/l	100
67) Ethyl Benzene	10.195	91	3499	0.241	ug/l	96
68) m/p-Xylenes	10.305	106	3556	0.640	ug/l	97
84) 1,2,4-Trimethylbenzene	11.756	105	3849	0.343	ug/l	99

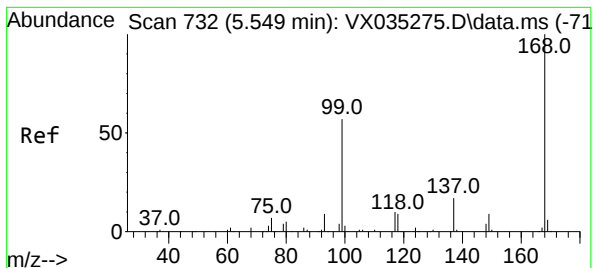
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Tue Apr 25 16:31:40 2023
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.550 min Scan# 71

Delta R.T. 0.001 min

Lab File: VX035406.D

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Instrument :

MSVOA_X

ClientSampleId :

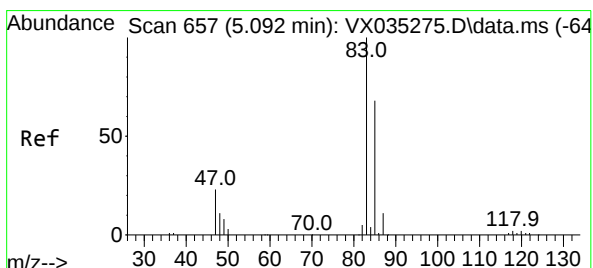
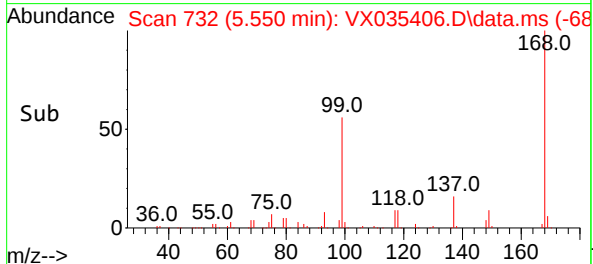
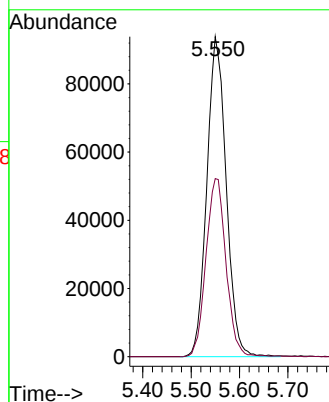
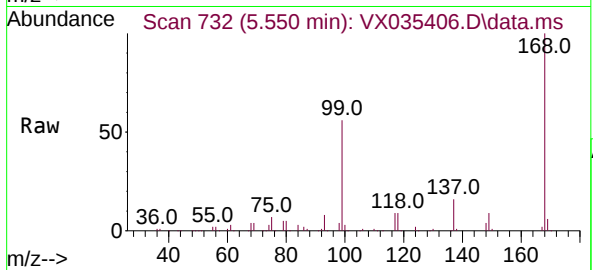
MW-4

Tgt Ion:168 Resp: 260703

Ion Ratio Lower Upper

168 100

99 55.6 45.7 68.5



#30

Chloroform

Concen: 0.712 ug/l

RT: 5.099 min Scan# 658

Delta R.T. 0.007 min

Lab File: VX035406.D

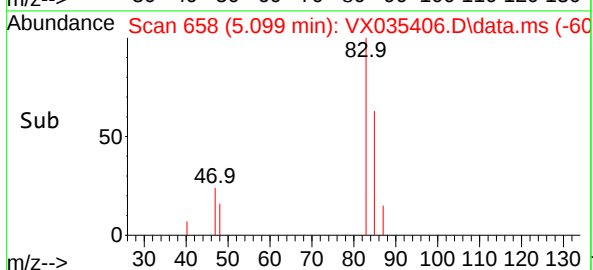
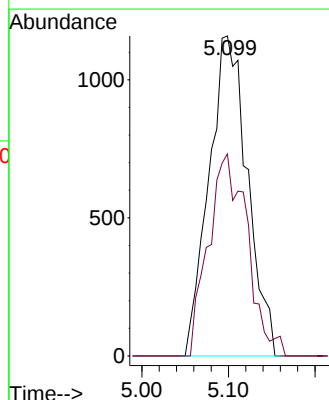
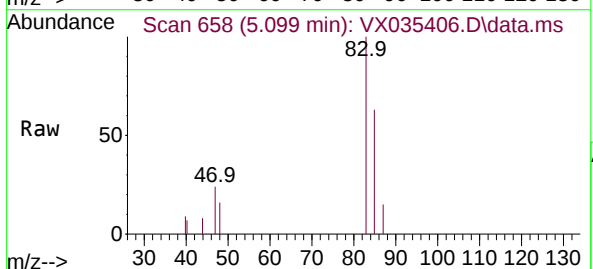
Acq: 28 Apr 2023 21:08

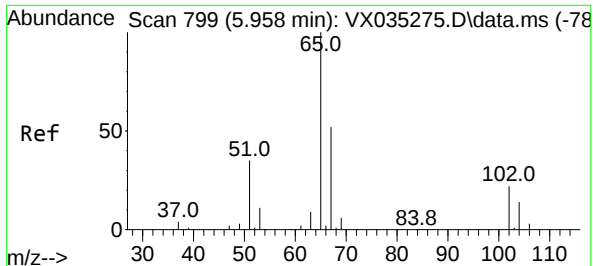
Tgt Ion: 83 Resp: 3572

Ion Ratio Lower Upper

83 100

85 63.2 50.6 76.0





#33

1,2-Dichloroethane-d4

Concen: 48.711 ug/l

RT: 5.952 min Scan# 799

Delta R.T. -0.006 min

Lab File: VX035406.D

Acq: 28 Apr 2023 21:08

Instrument :

MSVOA_X

ClientSampleId :

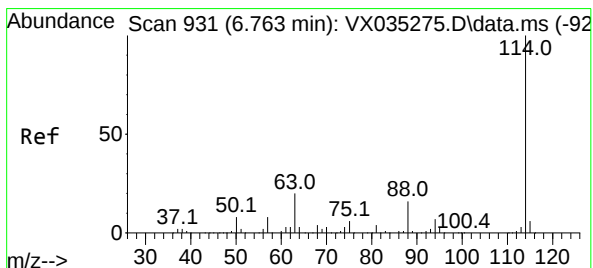
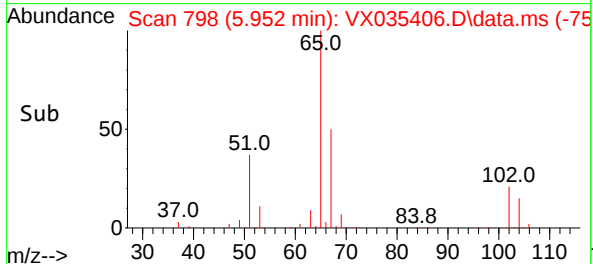
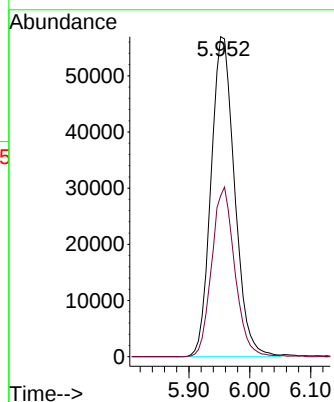
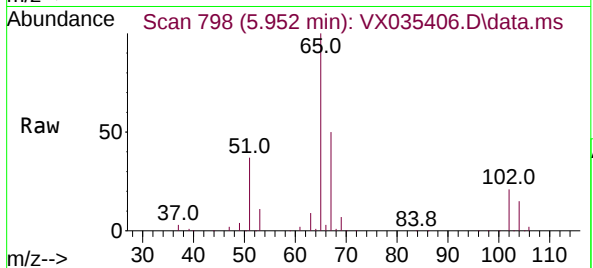
MW-4

Tgt Ion: 65 Resp: 153206

Ion Ratio Lower Upper

65 100

67 51.8 0.0 104.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX035406.D

Acq: 28 Apr 2023 21:08

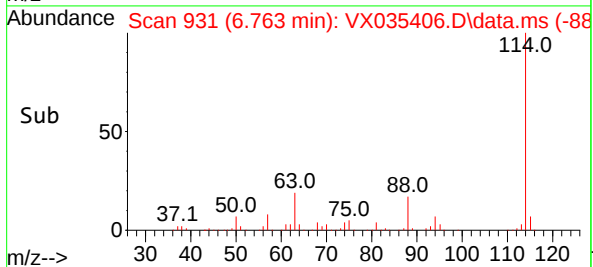
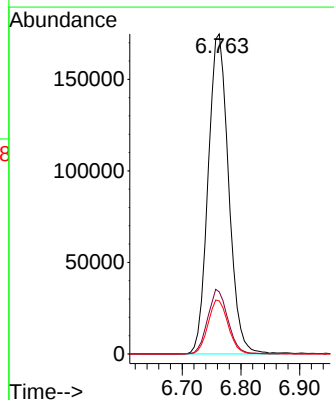
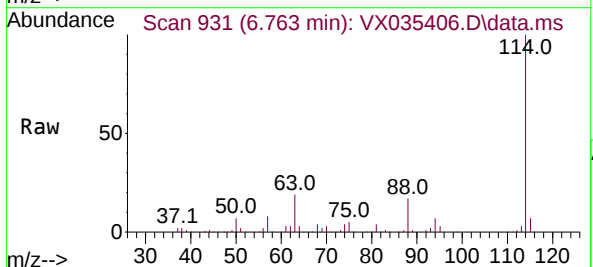
Tgt Ion: 114 Resp: 423002

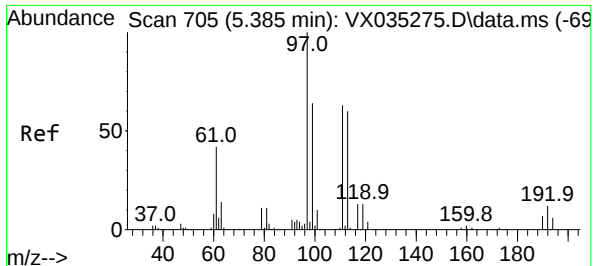
Ion Ratio Lower Upper

114 100

63 19.4 0.0 42.2

88 16.6 0.0 33.2

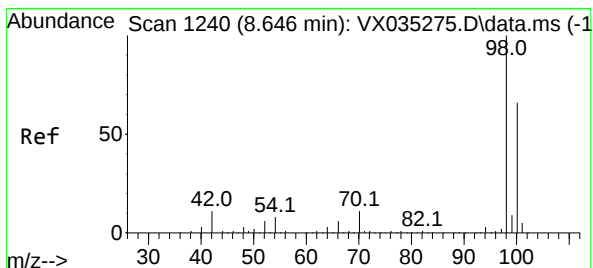
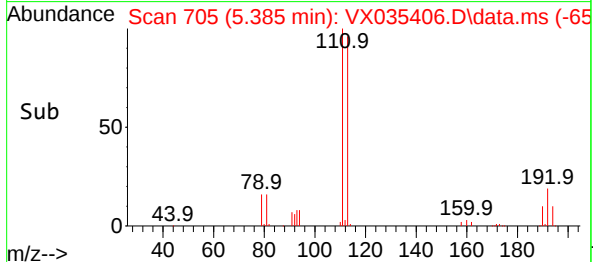
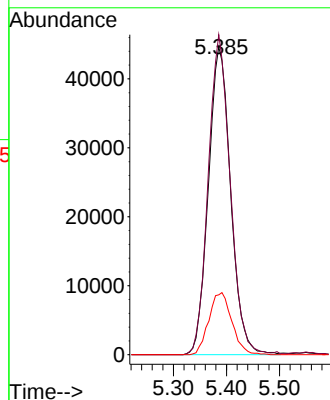
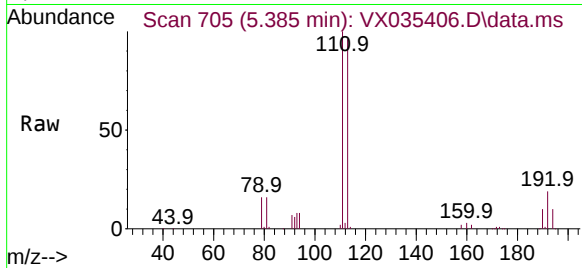




#35
 Dibromofluoromethane
 Concen: 50.222 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

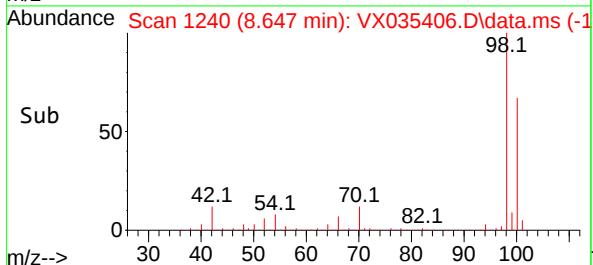
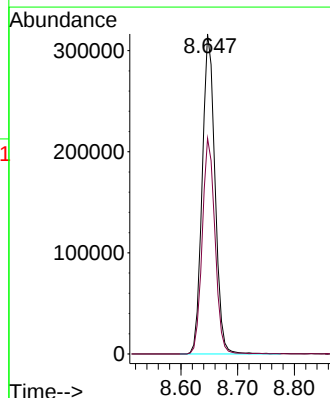
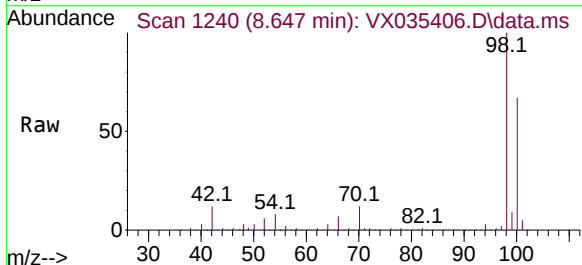
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

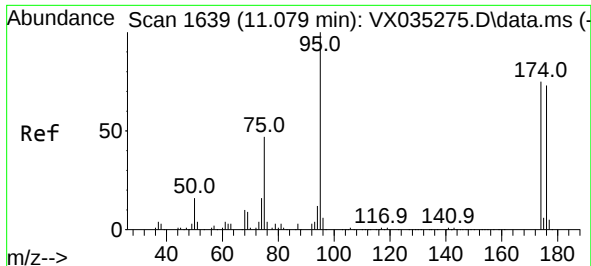
Tgt Ion:113 Resp: 130389
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.7 125.5
 192 20.9 15.4 23.2



#50
 Toluene-d8
 Concen: 50.603 ug/l
 RT: 8.647 min Scan# 1240
 Delta R.T. 0.001 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

Tgt Ion: 98 Resp: 495608
 Ion Ratio Lower Upper
 98 100
 100 67.0 52.5 78.7

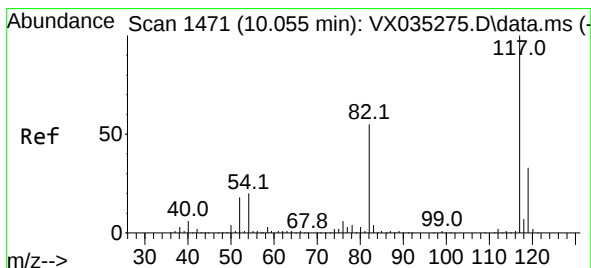
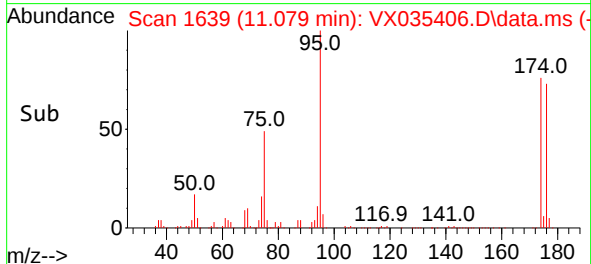
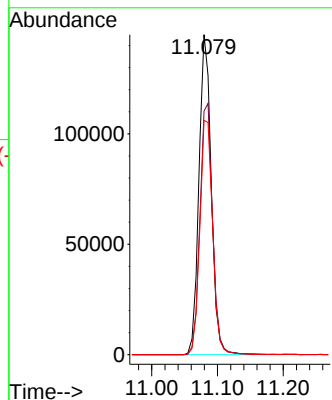
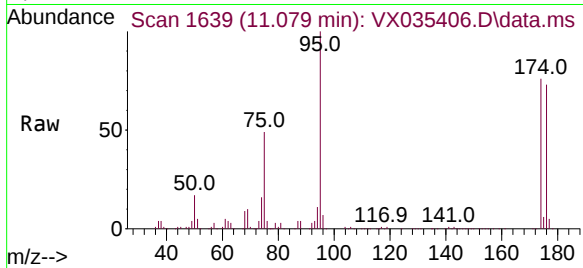




#62
4-Bromofluorobenzene
Concen: 51.186 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

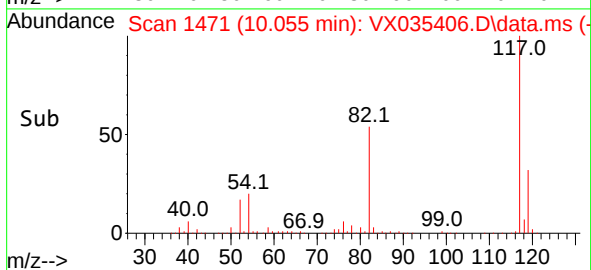
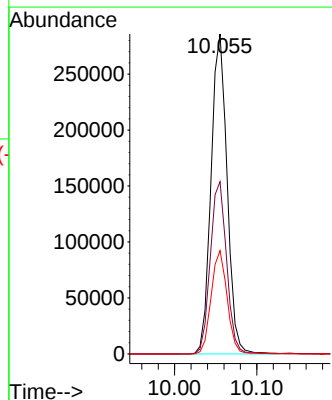
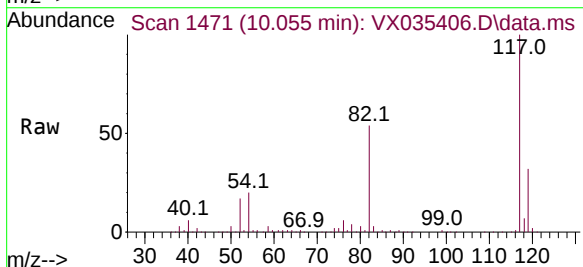
Instrument :
MSVOA_X
ClientSampleId :
MW-4

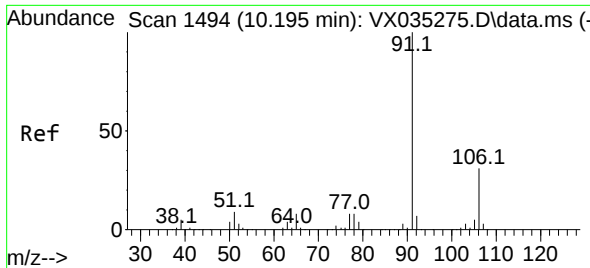
Tgt Ion: 95 Resp: 188586
Ion Ratio Lower Upper
95 100
174 80.7 0.0 147.4
176 76.3 0.0 140.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 117 Resp: 387264
Ion Ratio Lower Upper
117 100
82 53.9 45.0 67.4
119 32.3 26.0 39.0

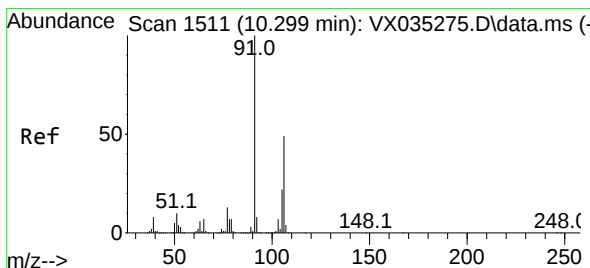
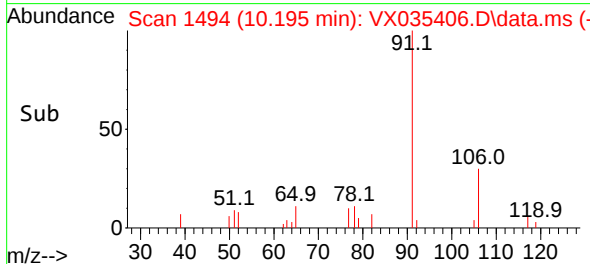
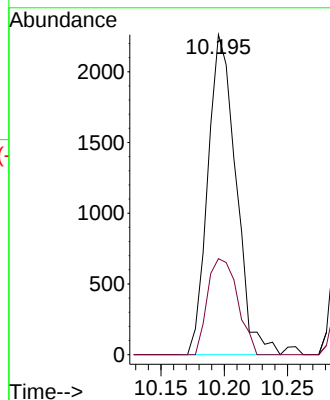
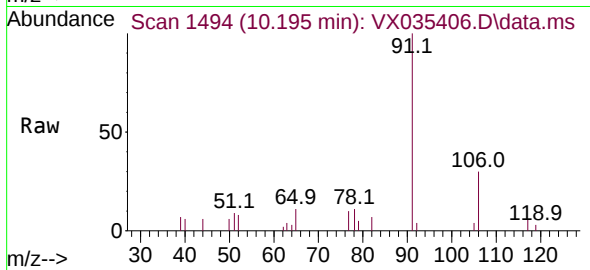




#67
Ethyl Benzene
Concen: 0.241 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

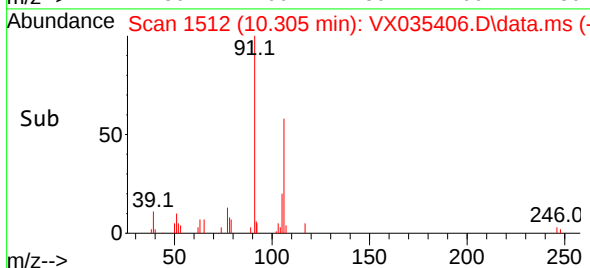
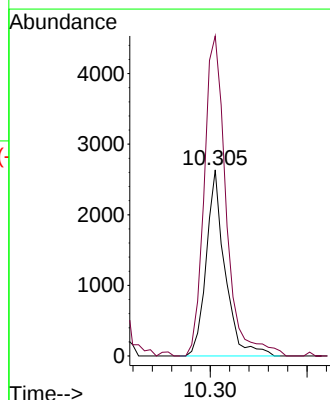
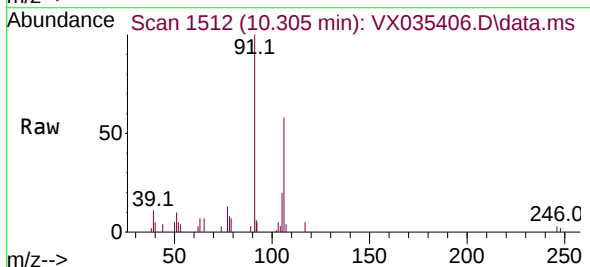
Instrument :
MSVOA_X
ClientSampleId :
MW-4

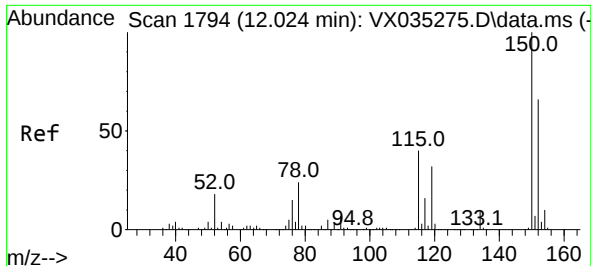
Tgt Ion: 91 Resp: 3499
Ion Ratio Lower Upper
91 100
106 30.0 25.6 38.4



#68
m/p-Xylenes
Concen: 0.640 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.006 min
Lab File: VX035406.D
Acq: 28 Apr 2023 21:08

Tgt Ion: 106 Resp: 3556
Ion Ratio Lower Upper
106 100
91 201.0 164.0 246.0

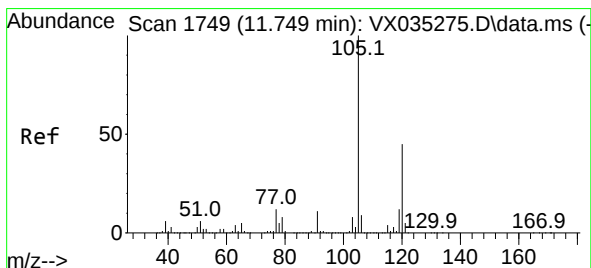
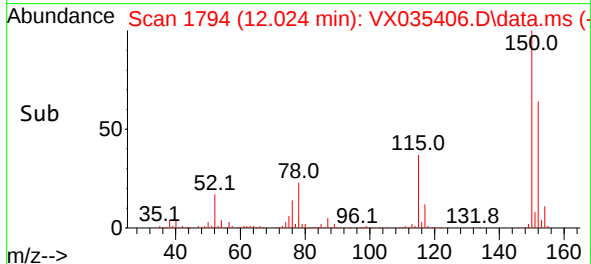
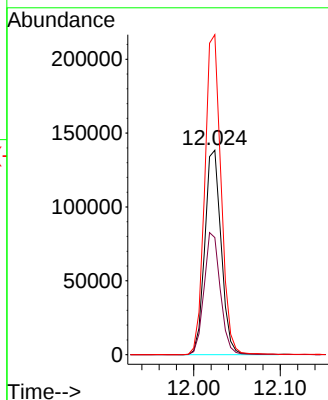
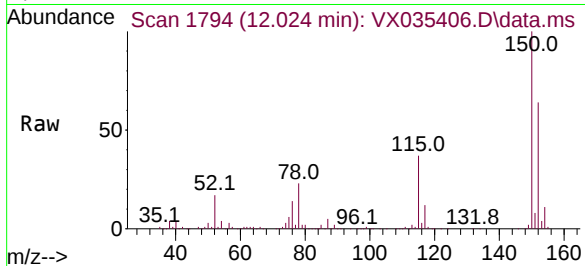




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-4

Tgt Ion:152 Resp: 181424
 Ion Ratio Lower Upper
 152 100
 115 59.5 45.0 135.0
 150 156.4 0.0 352.4



#84
 1,2,4-Trimethylbenzene
 Concen: 0.343 ug/l
 RT: 11.756 min Scan# 1750
 Delta R.T. 0.007 min
 Lab File: VX035406.D
 Acq: 28 Apr 2023 21:08

Tgt Ion:105 Resp: 3849
 Ion Ratio Lower Upper
 105 100
 120 45.5 22.4 67.0

