

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031422.D
 Acq On : 16 Sep 2022 19:56
 Operator : JC/MD
 Sample : N4645-04
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-05

Quant Time: Sep 17 02:08:35 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)

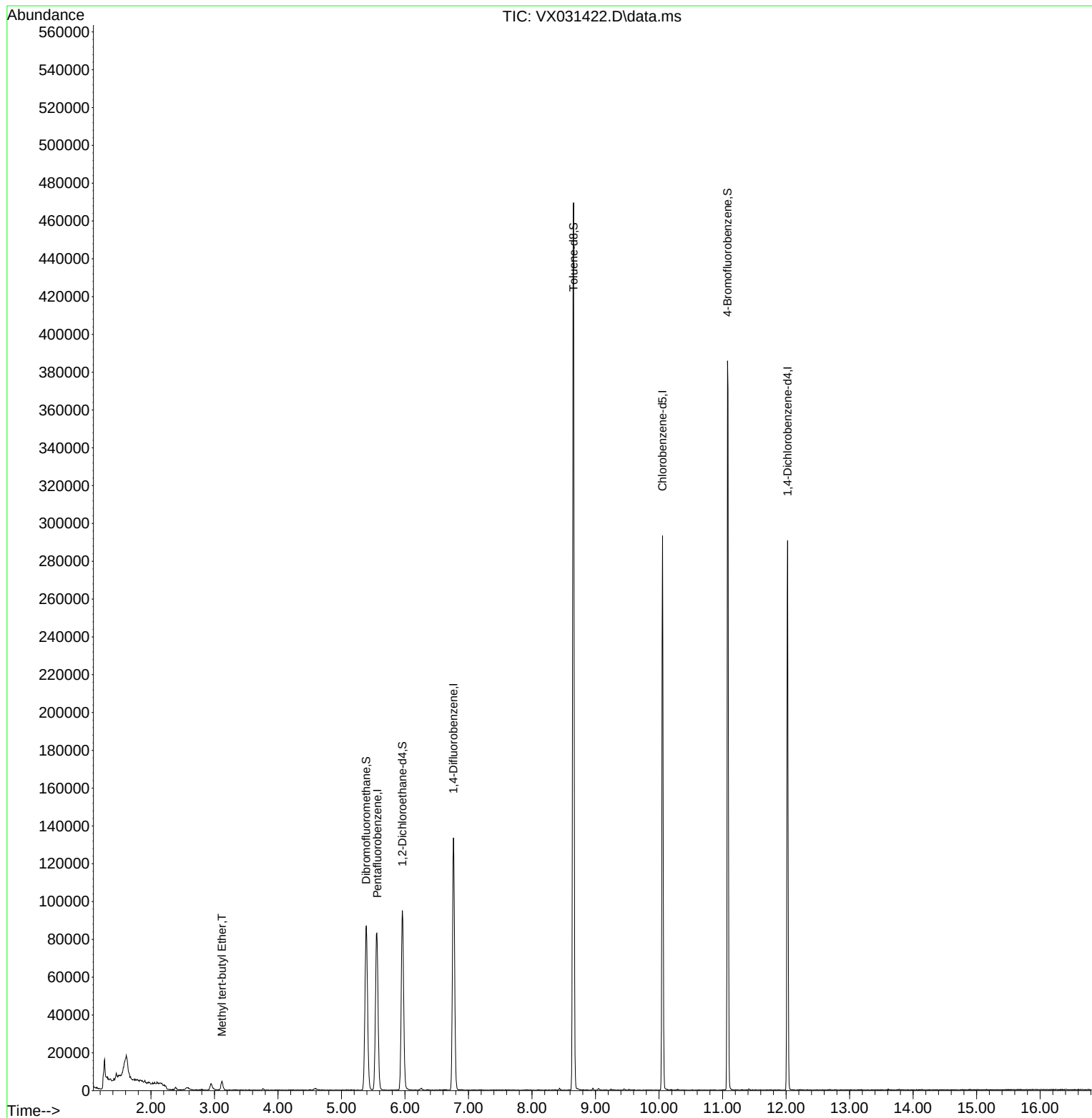
Internal Standards						
1) Pentafluorobenzene	5.562	168	80278	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134874	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122619	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	57009	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	83649	42.452	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	84.900%
35) Dibromofluoromethane	5.385	113	70241	48.449	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.900%
50) Toluene-d8	8.653	98	268433	49.359	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.720%
62) 4-Bromofluorobenzene	11.079	95	87754	44.064	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%
Target Compounds						
19) Methyl tert-butyl Ether	3.117	73	5060	0.975	ug/l	Qvalue # 91

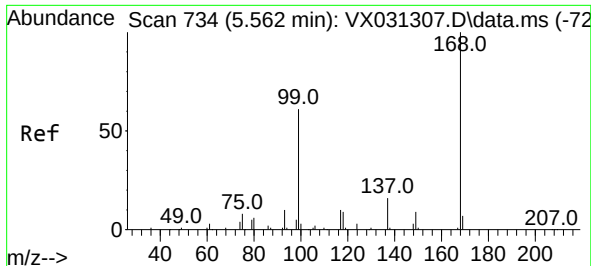
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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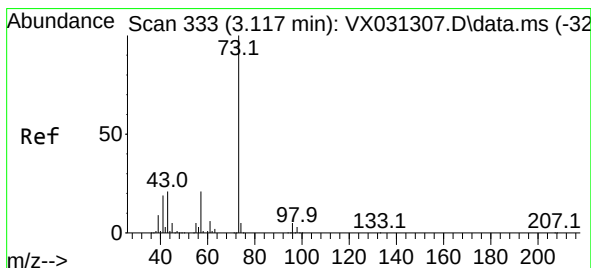
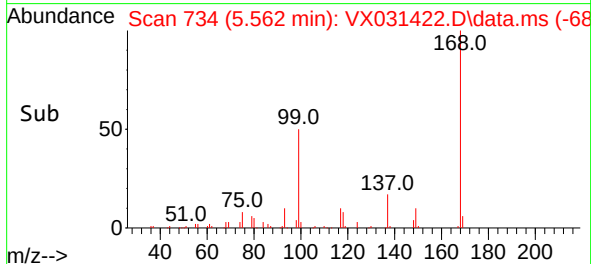
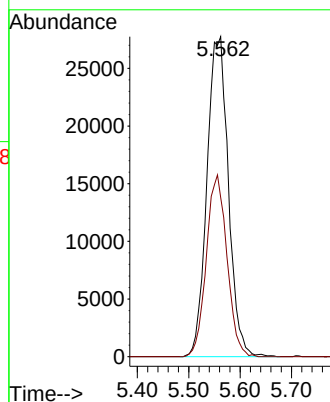
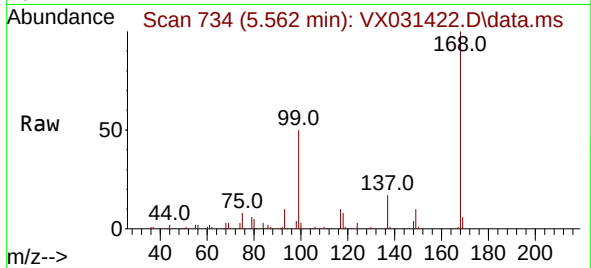




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.000 min
Lab File: VX031422.D
Acq: 16 Sep 2022 19:56

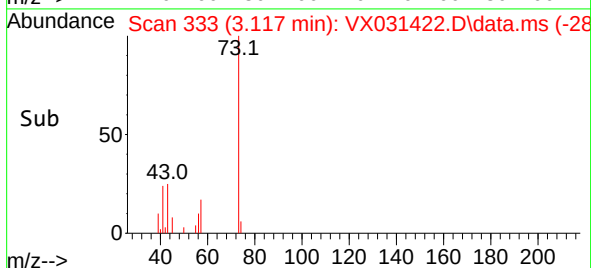
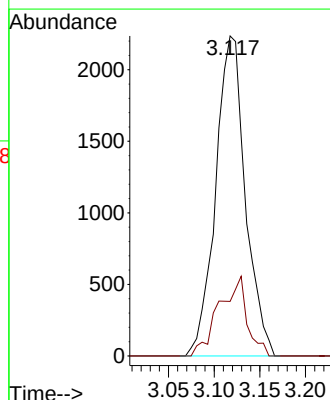
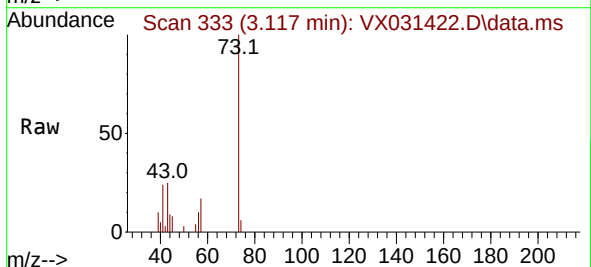
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-05

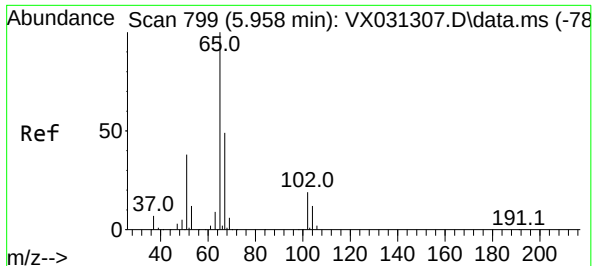
Tgt Ion:168 Resp: 80278
Ion Ratio Lower Upper
168 100
99 49.7 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 0.975 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031422.D
Acq: 16 Sep 2022 19:56

Tgt Ion: 73 Resp: 5060
Ion Ratio Lower Upper
73 100
57 17.0 17.2 25.8#





#33

1,2-Dichloroethane-d4

Concen: 42.452 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031422.D

Acq: 16 Sep 2022 19:56

Instrument :

MSVOA_X

ClientSampleId :

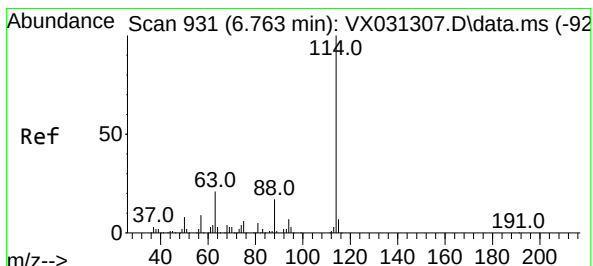
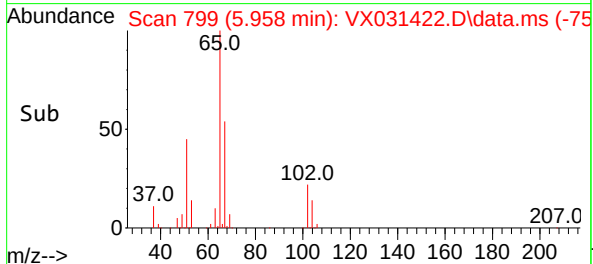
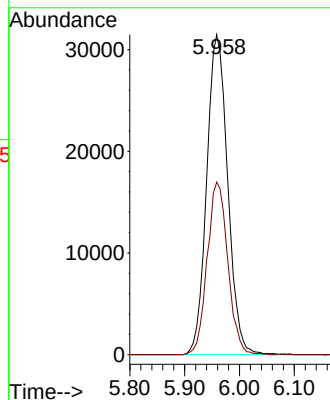
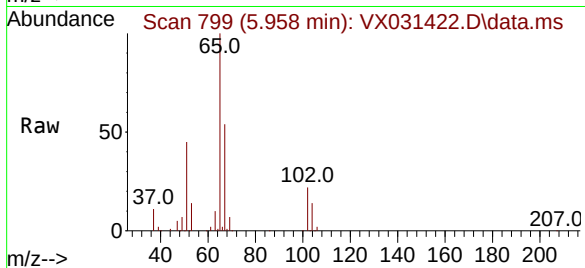
TOLL-MW-05

Tgt Ion: 65 Resp: 83649

Ion Ratio Lower Upper

65 100

67 52.9 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: VX031422.D

Acq: 16 Sep 2022 19:56

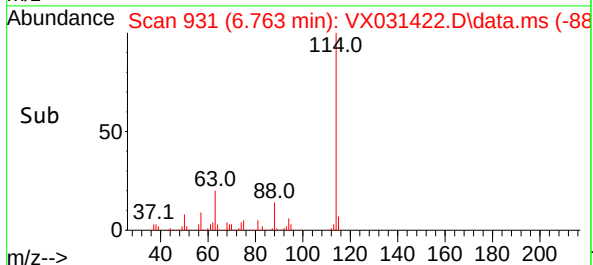
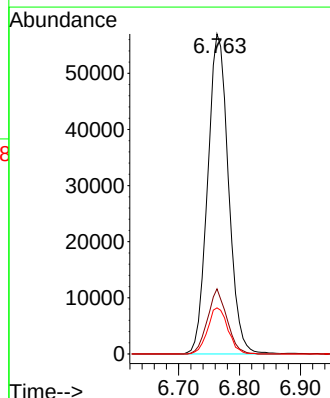
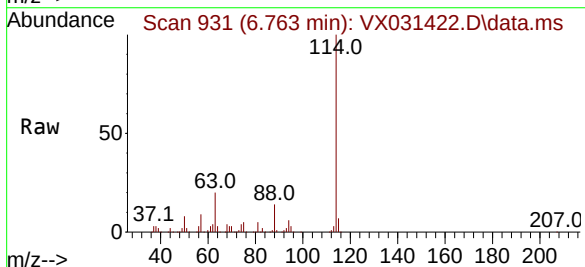
Tgt Ion: 114 Resp: 134874

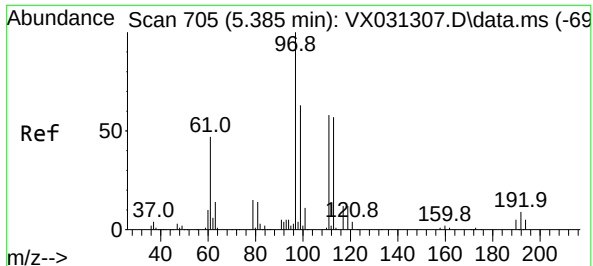
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.6

88 14.4 0.0 33.0

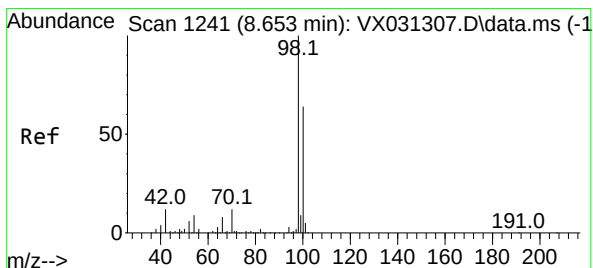
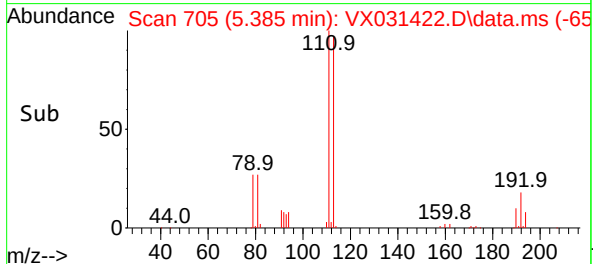
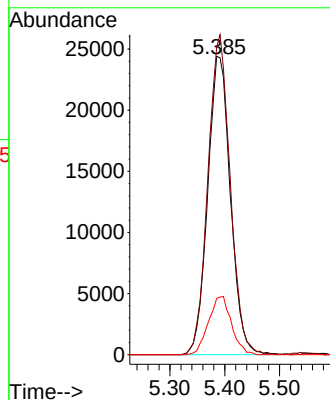
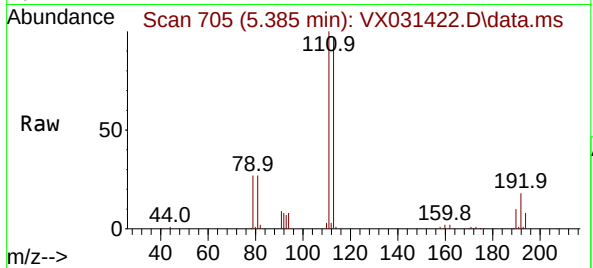




#35
 Dibromofluoromethane
 Concen: 48.449 ug/l
 RT: 5.385 min Scan# 705
 Delta R.T. 0.000 min
 Lab File: VX031422.D
 Acq: 16 Sep 2022 19:56

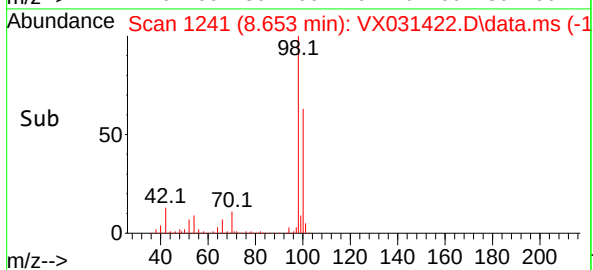
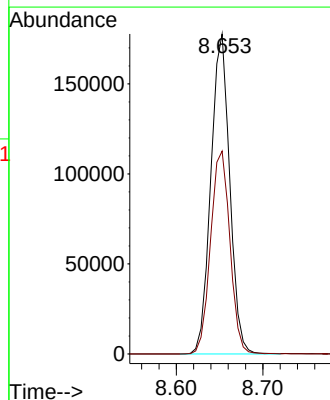
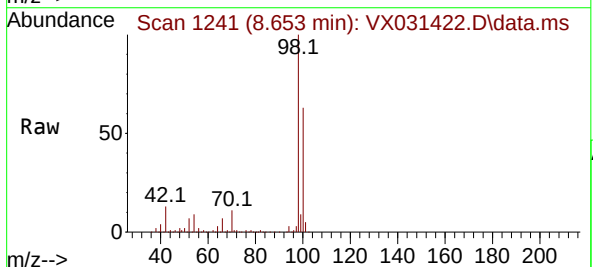
Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-05

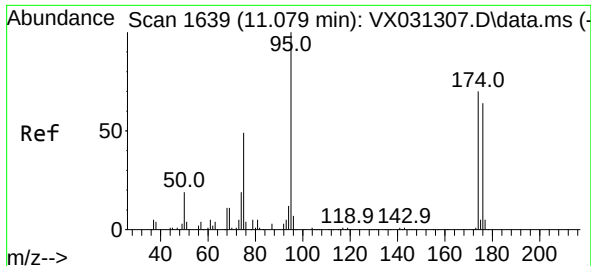
Tgt Ion:113 Resp: 70241
 Ion Ratio Lower Upper
 113 100
 111 105.2 82.4 123.6
 192 19.7 14.1 21.1



#50
 Toluene-d8
 Concen: 49.359 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX031422.D
 Acq: 16 Sep 2022 19:56

Tgt Ion: 98 Resp: 268433
 Ion Ratio Lower Upper
 98 100
 100 65.1 52.5 78.7

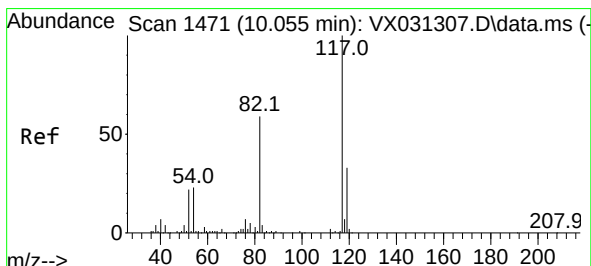
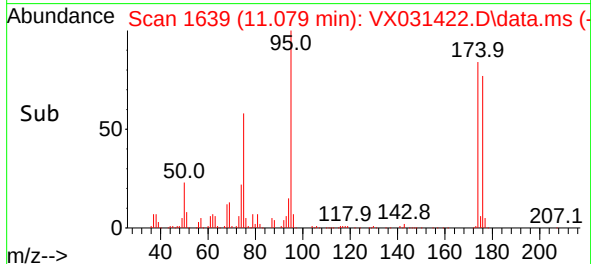
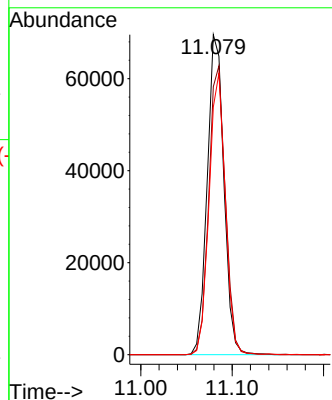
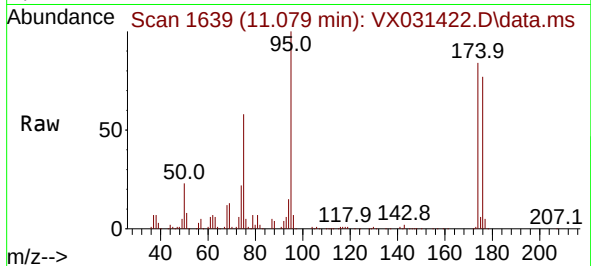




#62
4-Bromofluorobenzene
Concen: 44.064 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031422.D
Acq: 16 Sep 2022 19:56

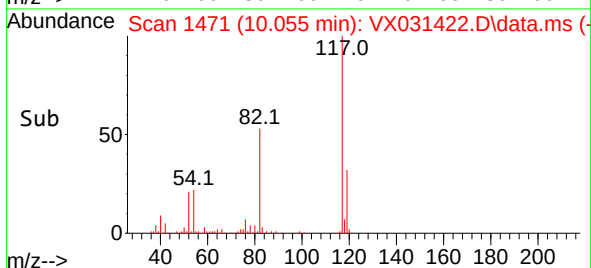
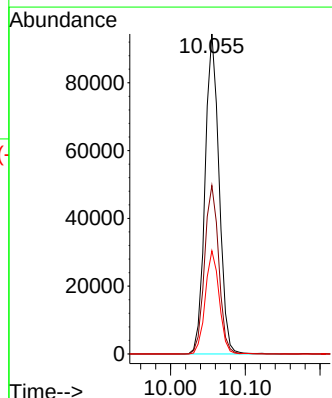
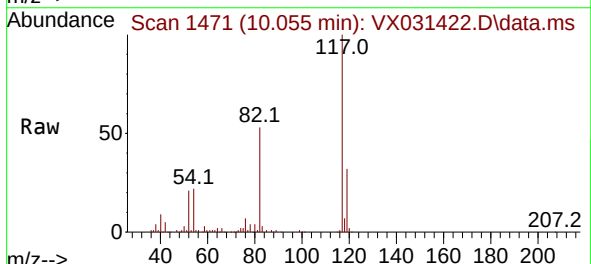
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-05

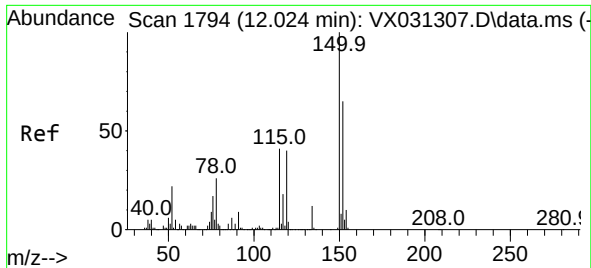
Tgt Ion: 95 Resp: 87754
Ion Ratio Lower Upper
95 100
174 90.3 0.0 153.2
176 86.1 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031422.D
Acq: 16 Sep 2022 19:56

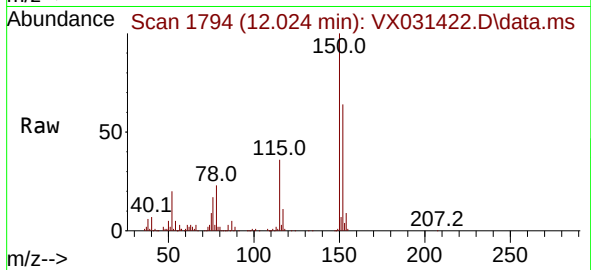
Tgt Ion: 117 Resp: 122619
Ion Ratio Lower Upper
117 100
82 52.7 46.8 70.2
119 32.2 26.4 39.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX031422.D
 Acq: 16 Sep 2022 19:56

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-05



Tgt Ion	Ratio	Lower	Upper
152	100		
115	58.1	43.4	130.1
150	157.1	0.0	346.8

