

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031424.D
 Acq On : 16 Sep 2022 20:42
 Operator : JC/MD
 Sample : N4645-06
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-07

Quant Time: Sep 17 02:09:16 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)

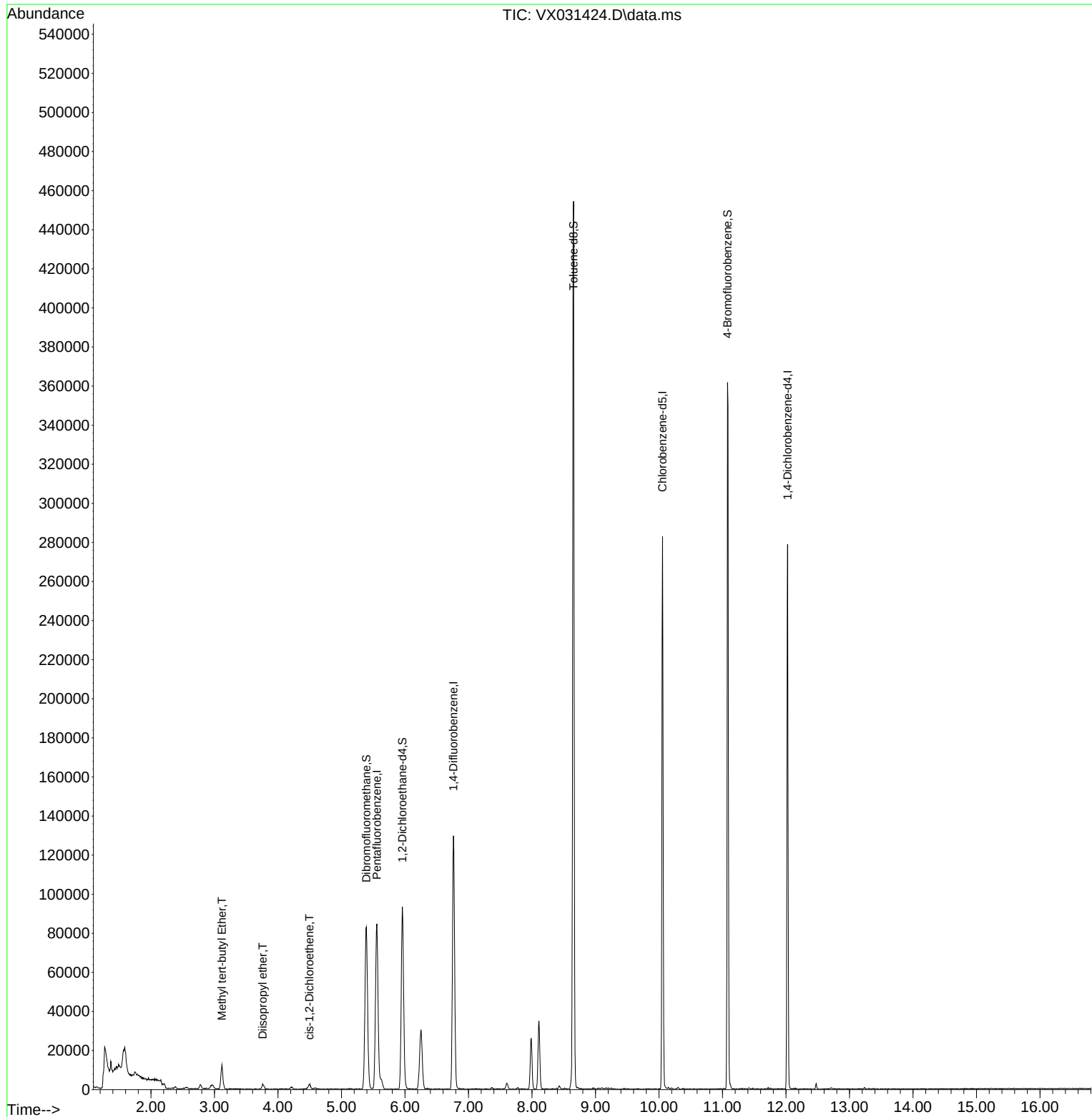
Internal Standards						
1) Pentafluorobenzene	5.556	168	81358	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131685	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	119075	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	54175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	81566	40.845	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.700%
35) Dibromofluoromethane	5.391	113	68720	48.548	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.100%
50) Toluene-d8	8.653	98	260040	48.973	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.940%
62) 4-Bromofluorobenzene	11.079	95	84060	43.232	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	86.460%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	3.117	73	12900	2.452	ug/l	94
22) Diisopropyl ether	3.757	45	2369	0.451	ug/l #	82
27) cis-1,2-Dichloroethene	4.495	96	1636	0.978	ug/l	75

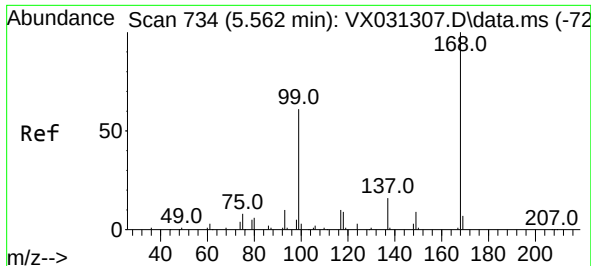
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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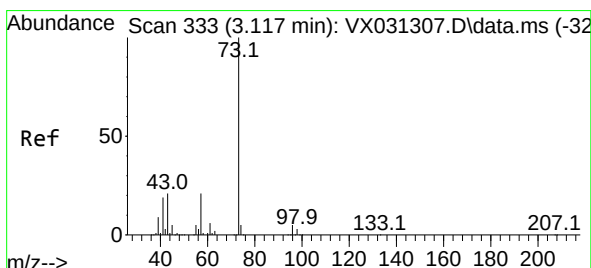
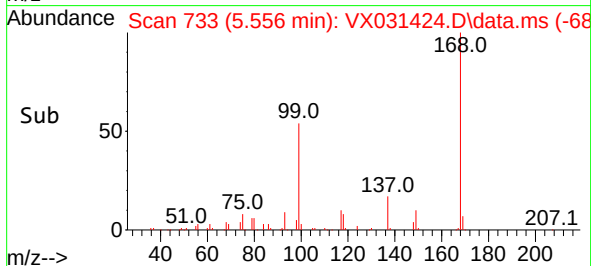
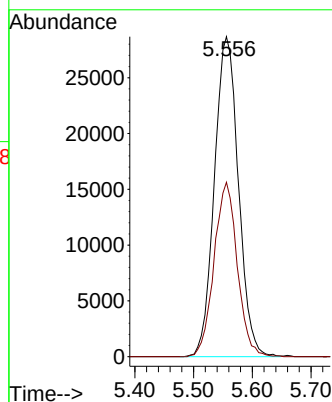
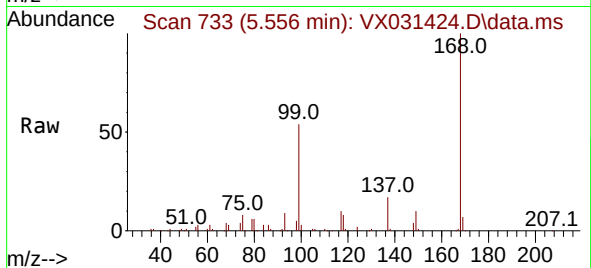




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

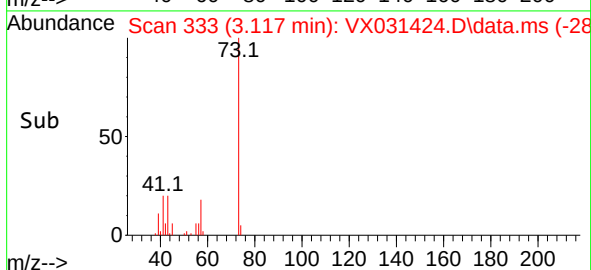
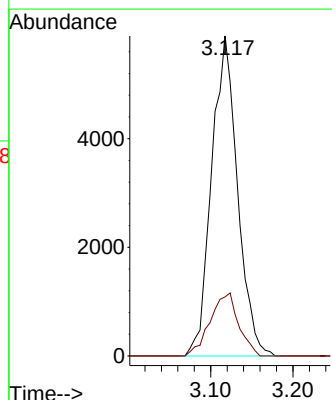
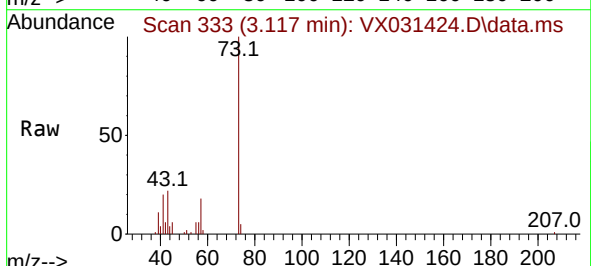
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-07

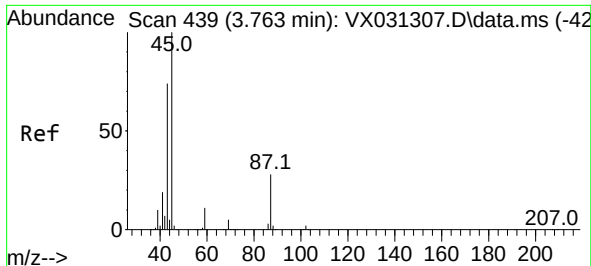
Tgt Ion:168 Resp: 81358
Ion Ratio Lower Upper
168 100
99 54.5 48.8 73.2



#19
Methyl tert-butyl Ether
Concen: 2.452 ug/l
RT: 3.117 min Scan# 333
Delta R.T. 0.000 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

Tgt Ion: 73 Resp: 12900
Ion Ratio Lower Upper
73 100
57 18.5 17.2 25.8

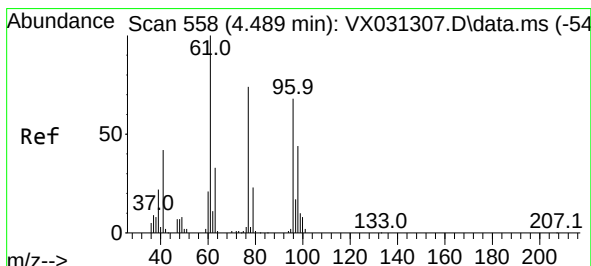
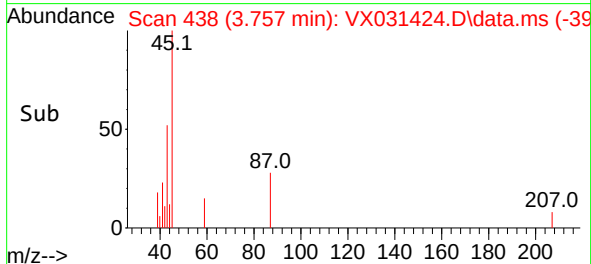
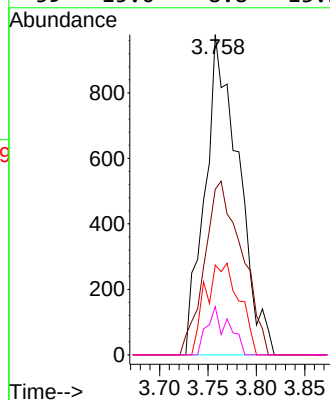
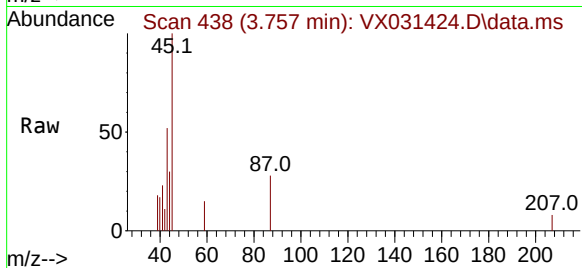




#22
Diisopropyl ether
Concen: 0.451 ug/l
RT: 3.757 min Scan# 41
Delta R.T. -0.006 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

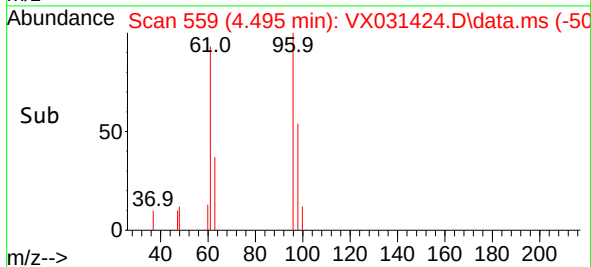
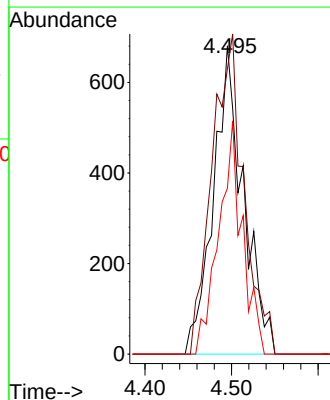
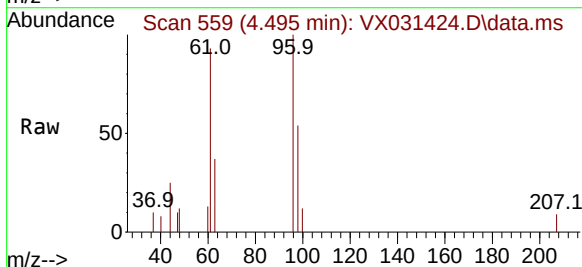
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-07

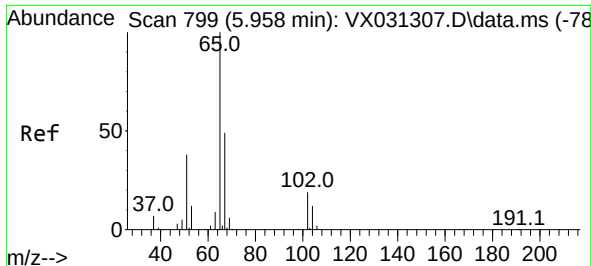
Tgt Ion: 45	Resp: 2369
Ion Ratio	Lower Upper
45 100	
43 51.7	59.0 88.6#
87 28.0	22.6 33.8
59 15.0	8.8 13.2#



#27
cis-1,2-Dichloroethene
Concen: 0.978 ug/l
RT: 4.495 min Scan# 559
Delta R.T. 0.006 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

Tgt Ion: 96	Resp: 1636
Ion Ratio	Lower Upper
96 100	
61 110.9	0.0 305.2
98 59.4	0.0 128.4

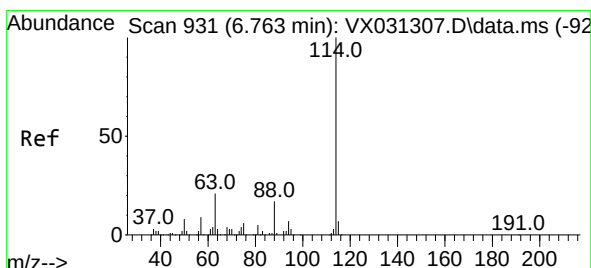
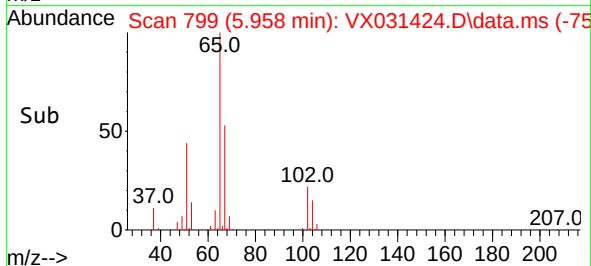
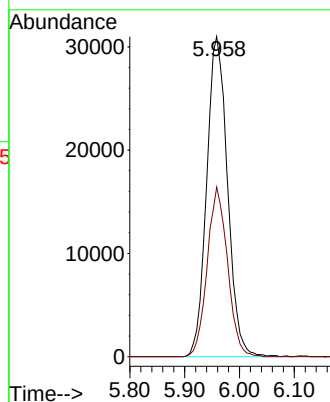
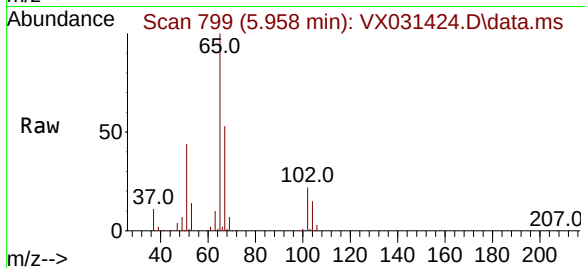




#33
 1,2-Dichloroethane-d4
 Concen: 40.845 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031424.D
 Acq: 16 Sep 2022 20:42

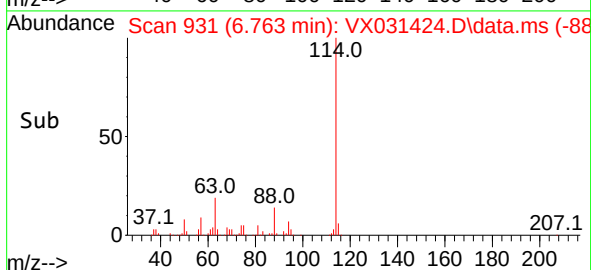
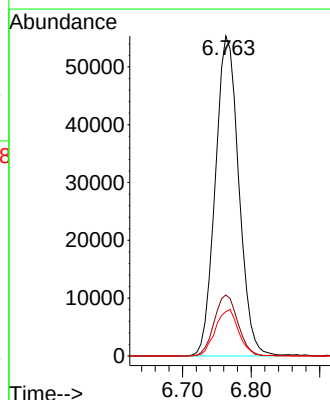
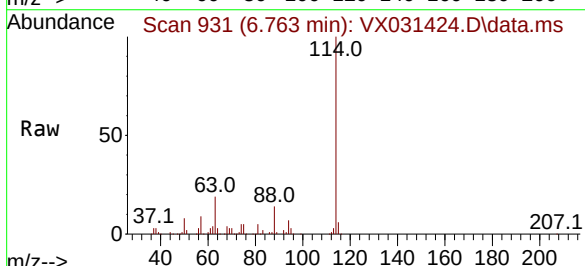
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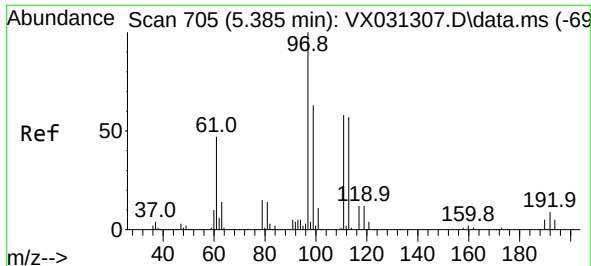
Tgt Ion: 65 Resp: 81566
 Ion Ratio Lower Upper
 65 100
 67 51.7 0.0 102.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX031424.D
 Acq: 16 Sep 2022 20:42

Tgt Ion: 114 Resp: 131685
 Ion Ratio Lower Upper
 114 100
 63 19.0 0.0 42.6
 88 13.9 0.0 33.0

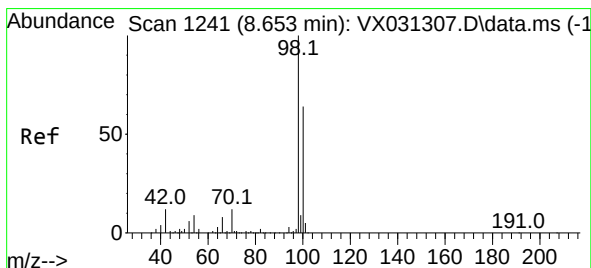
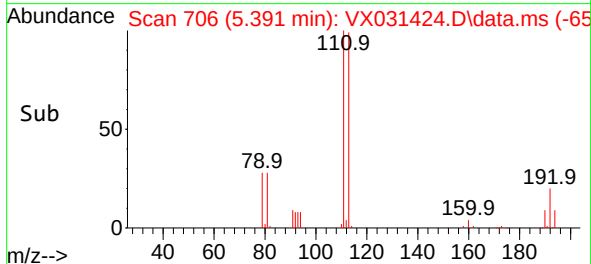
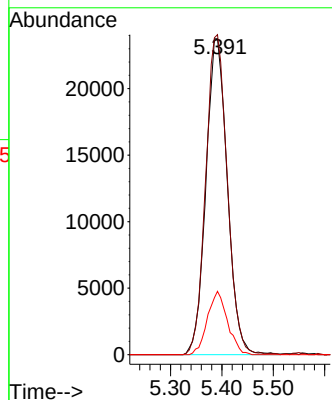
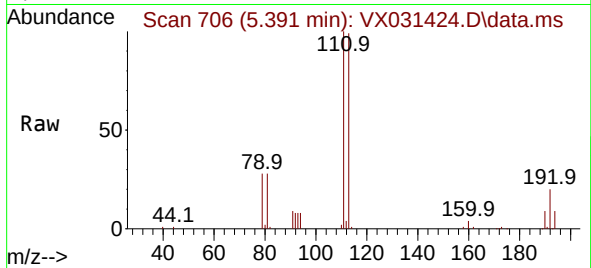




#35
 Dibromofluoromethane
 Concen: 48.548 ug/l
 RT: 5.391 min Scan# 705
 Delta R.T. 0.006 min
 Lab File: VX031424.D
 Acq: 16 Sep 2022 20:42

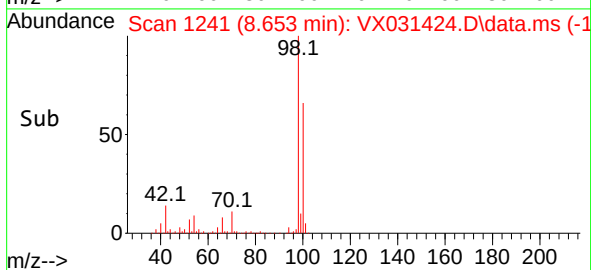
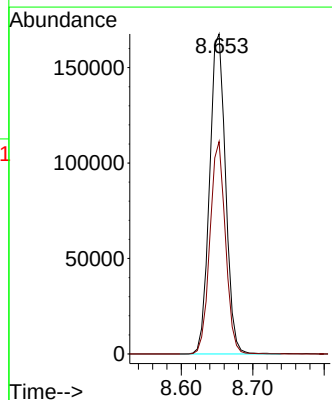
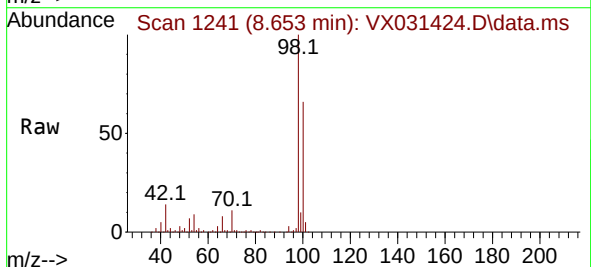
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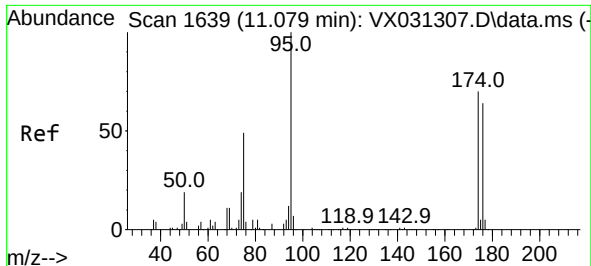
Tgt Ion:113 Resp: 68720
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.4 123.6
 192 18.8 14.1 21.1



#50
 Toluene-d8
 Concen: 48.973 ug/l
 RT: 8.653 min Scan# 1241
 Delta R.T. 0.000 min
 Lab File: VX031424.D
 Acq: 16 Sep 2022 20:42

Tgt Ion: 98 Resp: 260040
 Ion Ratio Lower Upper
 98 100
 100 64.5 52.5 78.7

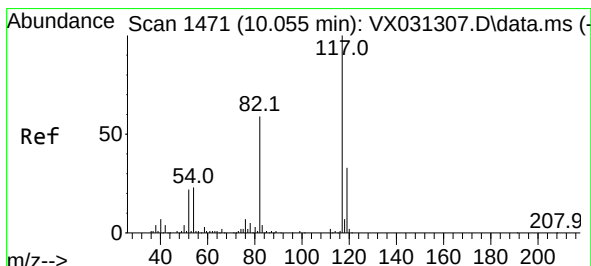
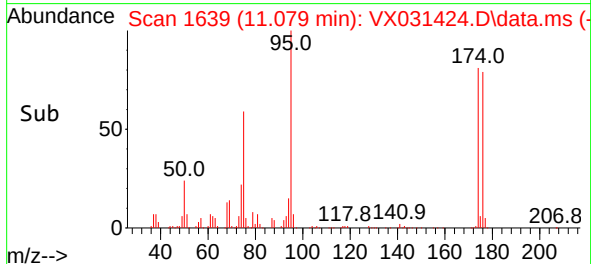
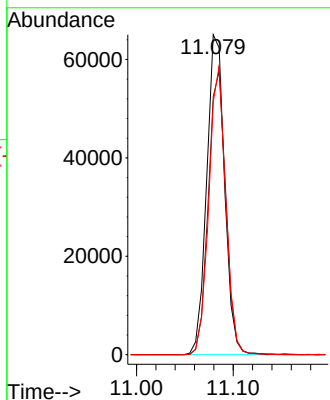
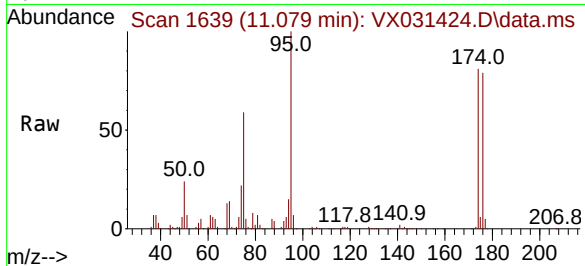




#62
4-Bromofluorobenzene
Concen: 43.232 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

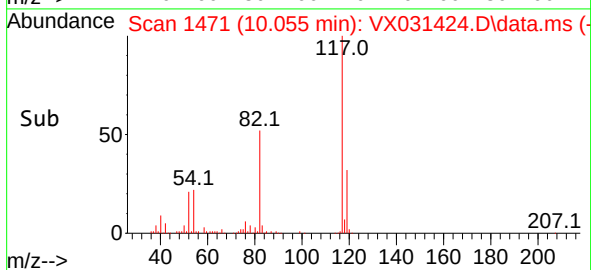
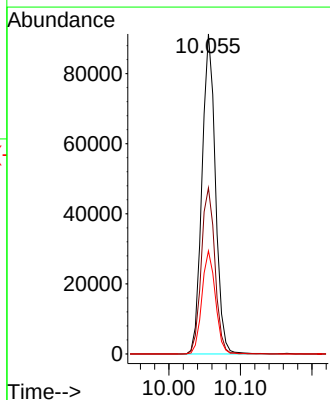
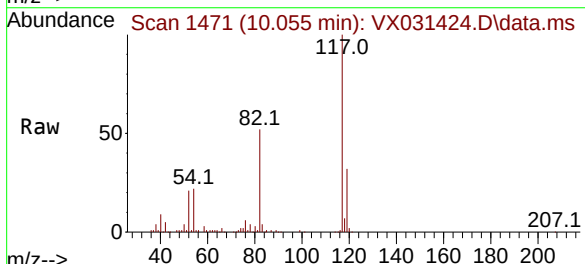
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TOLL-MW-07

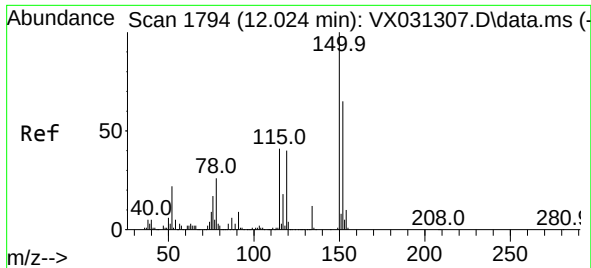
Tgt Ion: 95 Resp: 84060
Ion Ratio Lower Upper
95 100
174 86.7 0.0 153.2
176 84.9 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031424.D
Acq: 16 Sep 2022 20:42

Tgt Ion: 117 Resp: 119075
Ion Ratio Lower Upper
117 100
82 51.9 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: VX031424.D

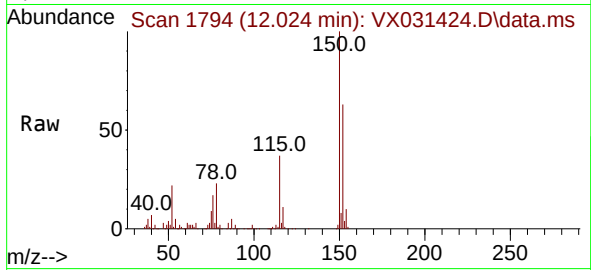
Acq: 16 Sep 2022 20:42

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-07



Tgt Ion:152 Resp: 54175

Ion Ratio Lower Upper

152 100

115 55.7 43.4 130.1

150 155.4 0.0 346.8

