

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031423.D
 Acq On : 16 Sep 2022 20:19
 Operator : JC/MD
 Sample : N4645-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-06

Quant Time: Sep 17 02:08:56 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)

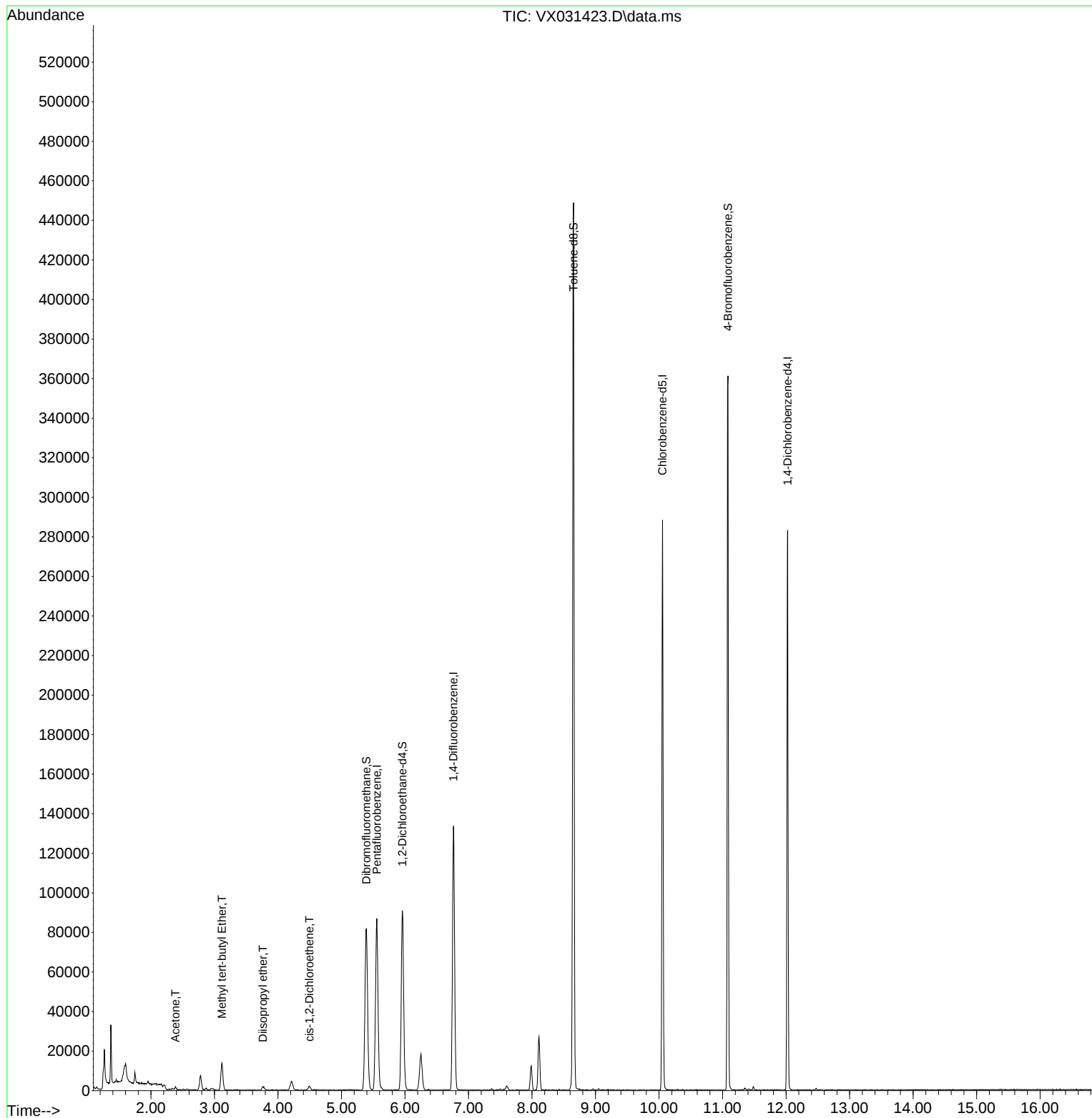
Internal Standards						
1) Pentafluorobenzene	5.556	168	80515	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	132918	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	118379	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80183	40.573	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	81.140%
35) Dibromofluoromethane	5.391	113	68407	47.878	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.760%
50) Toluene-d8	8.653	98	257796	48.101	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.200%
62) 4-Bromofluorobenzene	11.085	95	84057	42.829	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.660%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1686	1.998	ug/l #	85
19) Methyl tert-butyl Ether	3.117	73	14955	2.873	ug/l	97
22) Diisopropyl ether	3.763	45	1710	0.329	ug/l #	81
27) cis-1,2-Dichloroethene	4.495	96	1397	0.844	ug/l	65

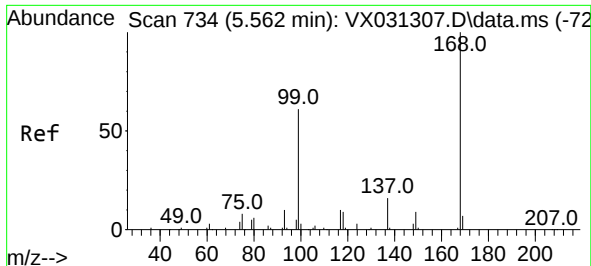
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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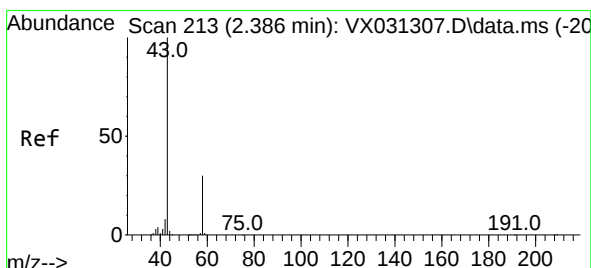
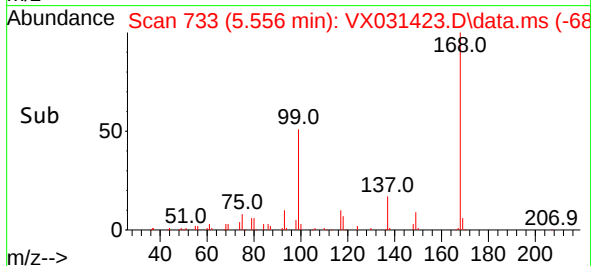
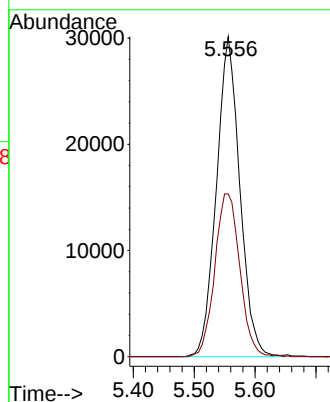
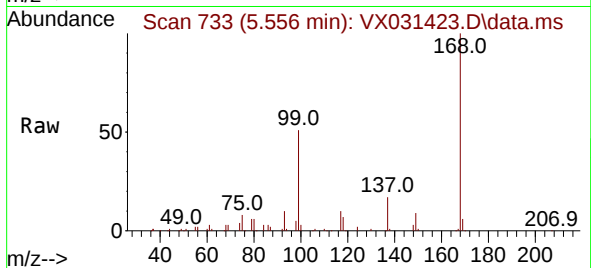




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

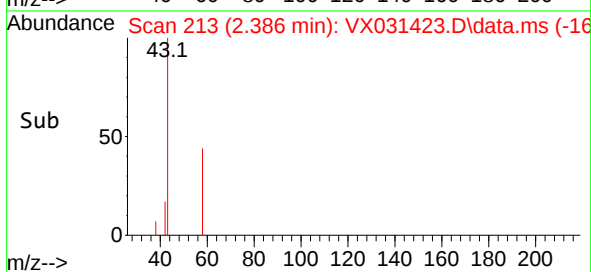
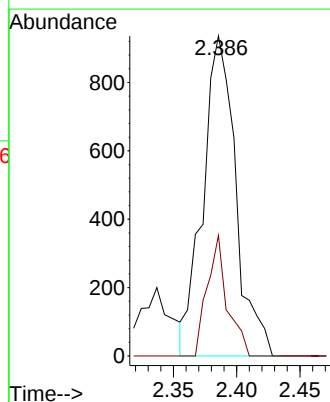
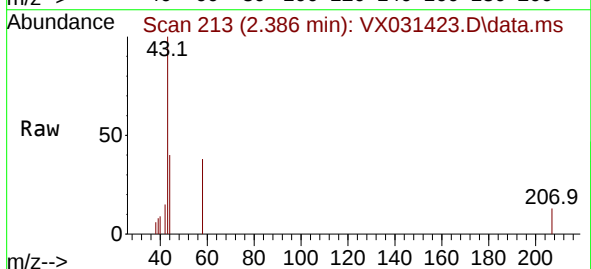
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-06

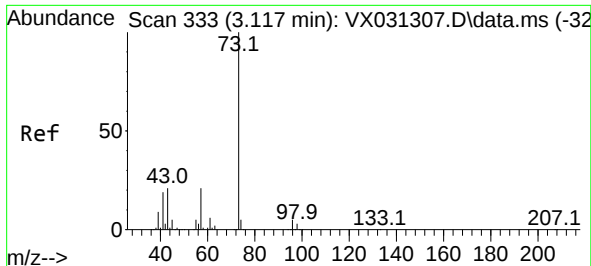
Tgt Ion:168 Resp: 80515
Ion Ratio Lower Upper
168 100
99 50.8 48.8 73.2



#16
Acetone
Concen: 1.998 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

Tgt Ion: 43 Resp: 1686
Ion Ratio Lower Upper
43 100
58 37.7 23.8 35.8#

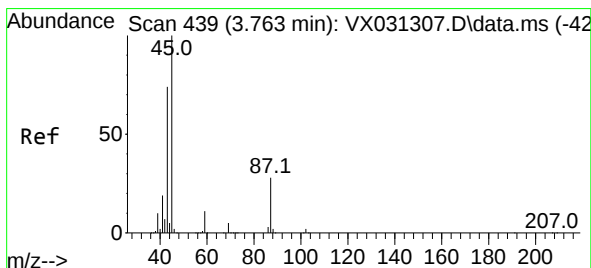
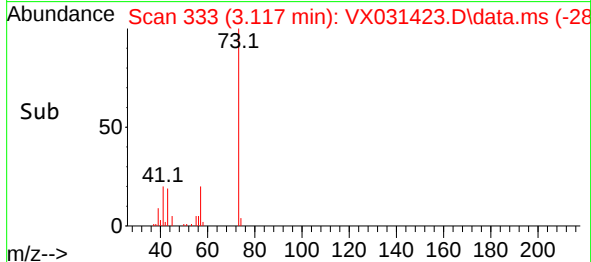
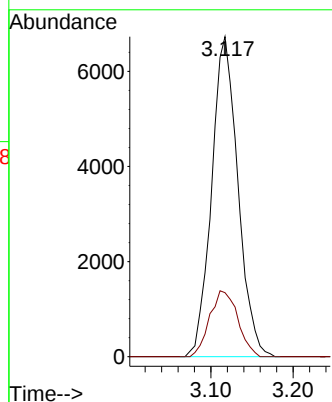
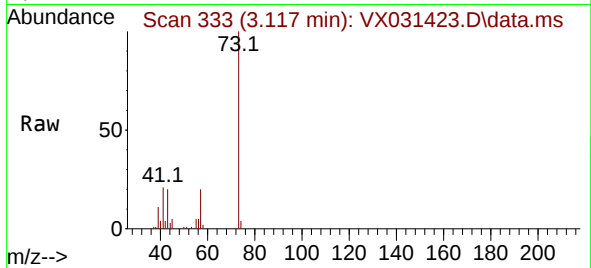




#19
Methyl tert-butyl Ether
Concen: 2.873 ug/l
RT: 3.117 min Scan# 311
Delta R.T. 0.000 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

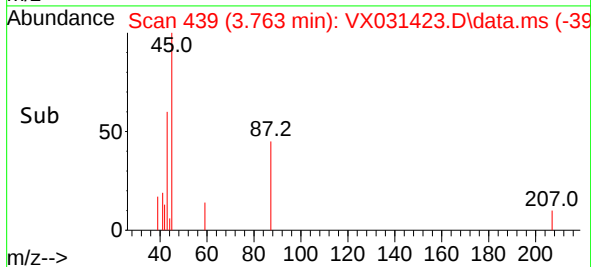
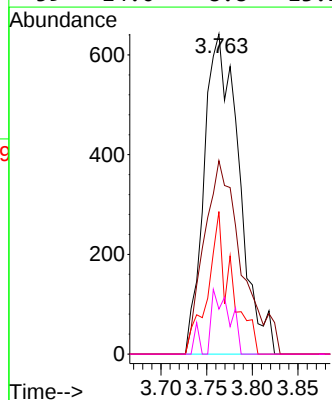
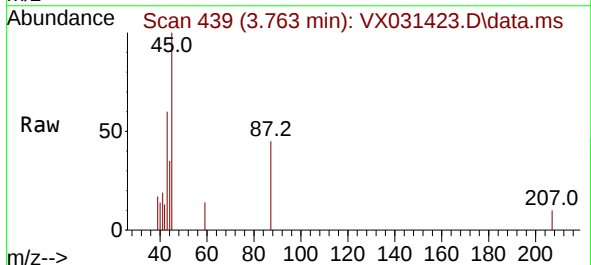
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-06

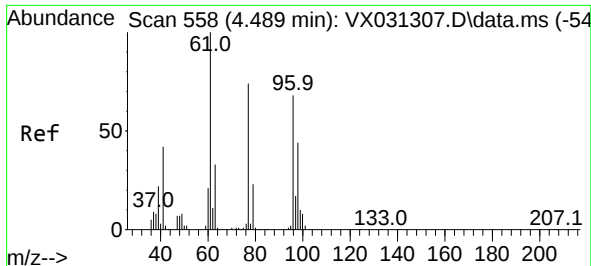
Tgt Ion: 73 Resp: 14955
Ion Ratio Lower Upper
73 100
57 20.0 17.2 25.8



#22
Diisopropyl ether
Concen: 0.329 ug/l
RT: 3.763 min Scan# 439
Delta R.T. 0.000 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

Tgt Ion: 45 Resp: 1710
Ion Ratio Lower Upper
45 100
43 60.4 59.0 88.6
87 44.5 22.6 33.8#
59 14.0 8.8 13.2#

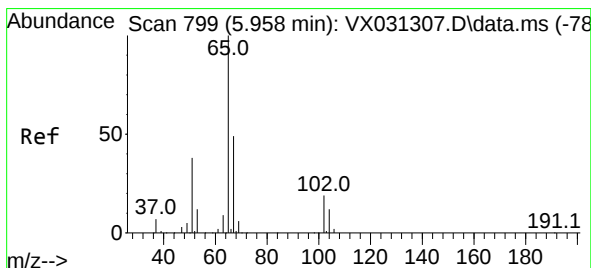
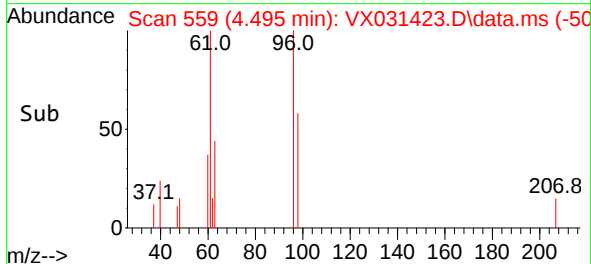
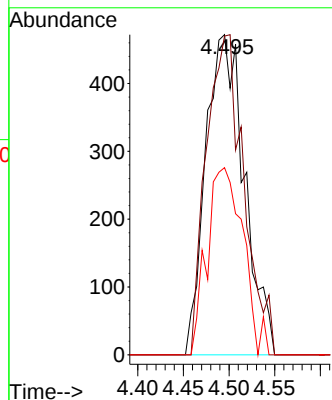
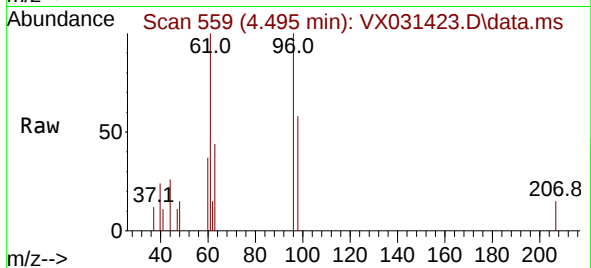




#27
 cis-1,2-Dichloroethene
 Concen: 0.844 ug/l
 RT: 4.495 min Scan# 51
 Delta R.T. 0.006 min
 Lab File: VX031423.D
 Acq: 16 Sep 2022 20:19

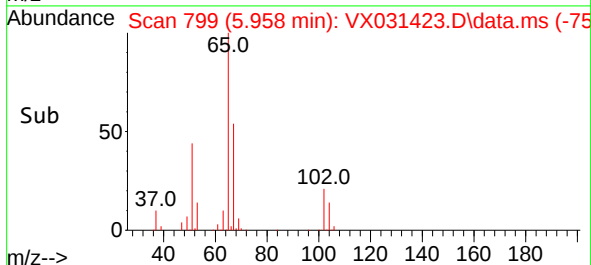
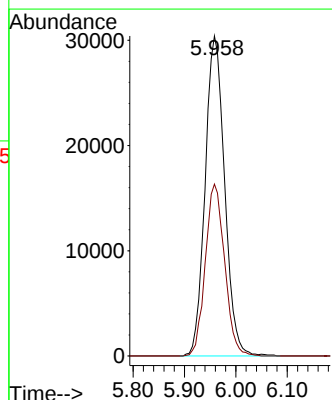
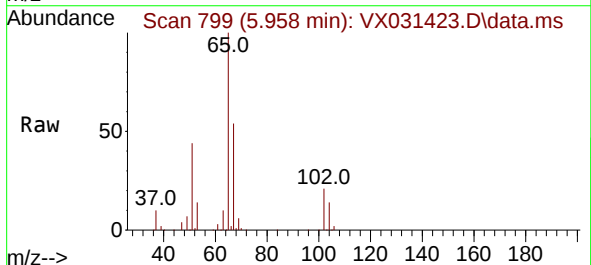
Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-06

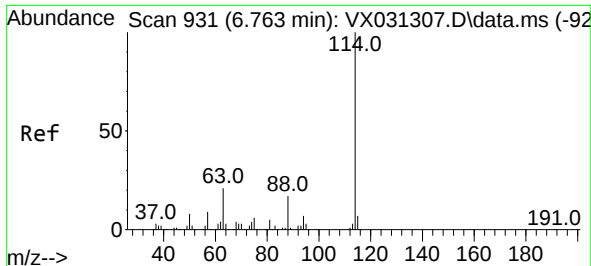
Tgt Ion: 96 Resp: 1397
 Ion Ratio Lower Upper
 96 100
 61 96.1 0.0 305.2
 98 54.1 0.0 128.4



#33
 1,2-Dichloroethane-d4
 Concen: 40.573 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031423.D
 Acq: 16 Sep 2022 20:19

Tgt Ion: 65 Resp: 80183
 Ion Ratio Lower Upper
 65 100
 67 53.1 0.0 102.4

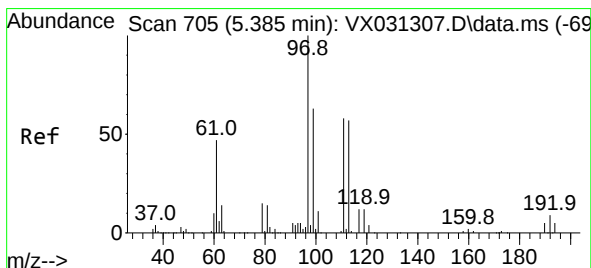
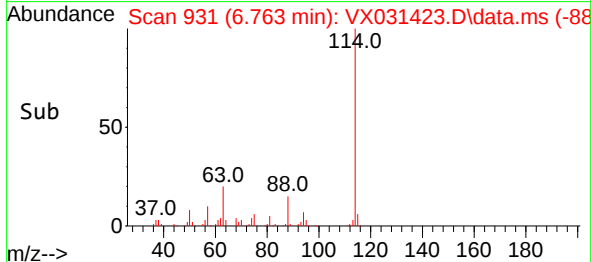
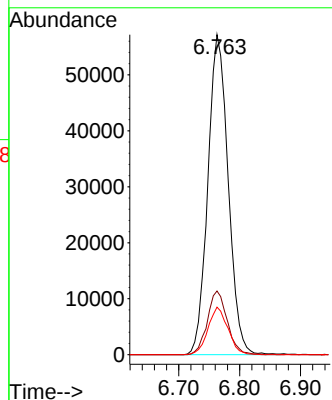
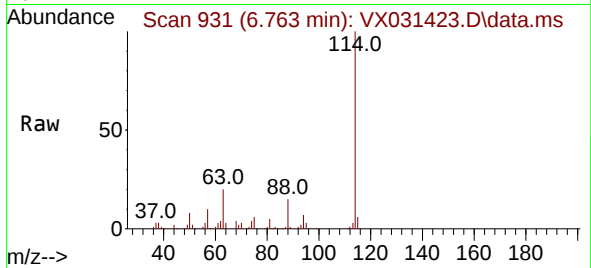




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

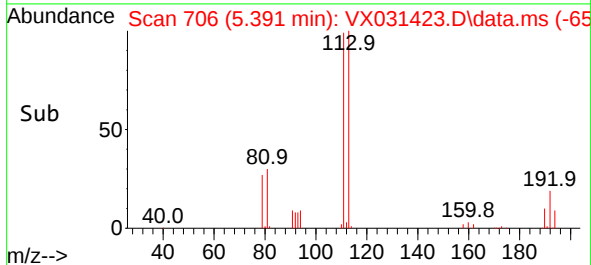
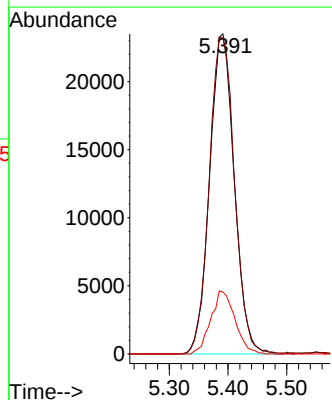
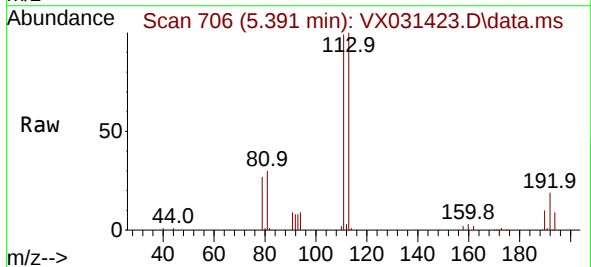
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-06

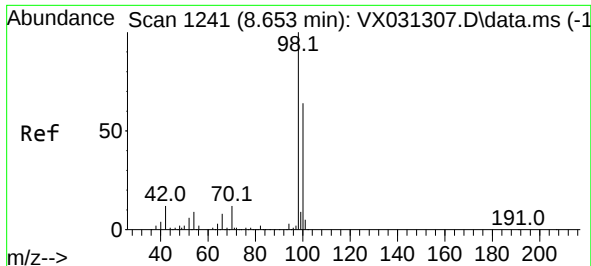
Tgt Ion:114 Resp: 132918
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.6
88 14.9 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.878 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

Tgt Ion:113 Resp: 68407
Ion Ratio Lower Upper
113 100
111 101.7 82.4 123.6
192 19.3 14.1 21.1

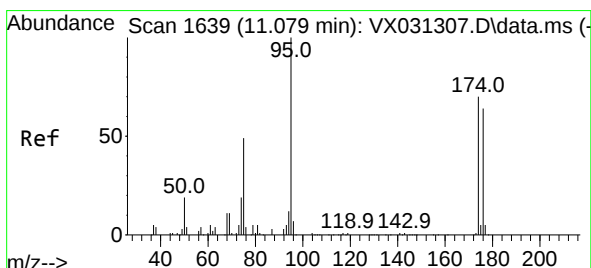
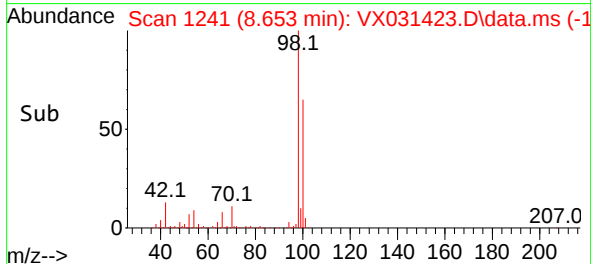
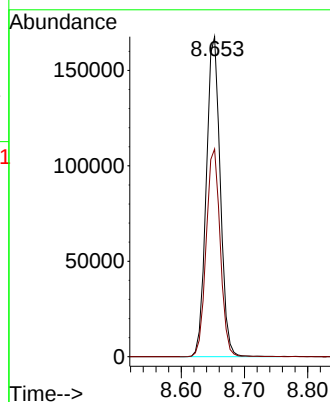
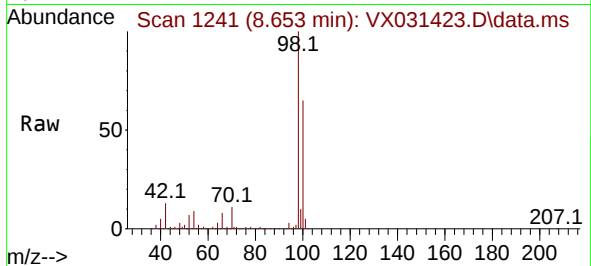




#50
Toluene-d8
Concen: 48.101 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

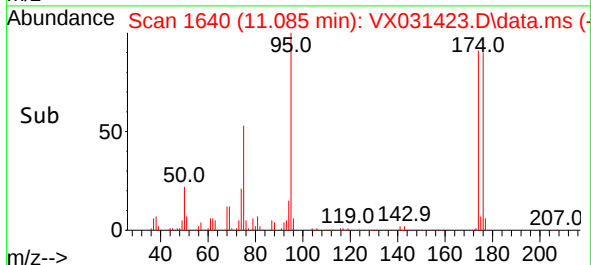
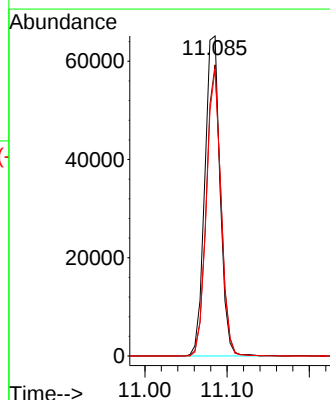
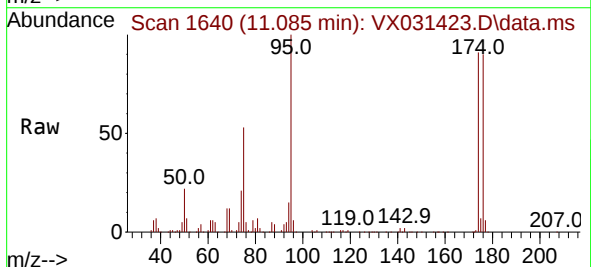
Instrument :
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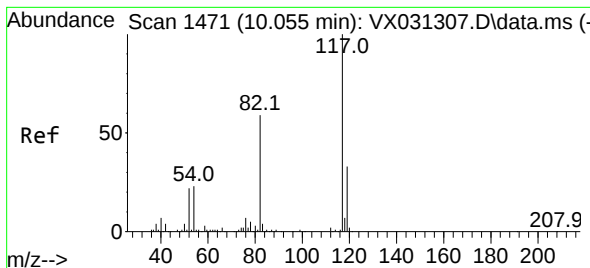
Tgt Ion: 98 Resp: 257796
Ion Ratio Lower Upper
98 100
100 65.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 42.829 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031423.D
Acq: 16 Sep 2022 20:19

Tgt Ion: 95 Resp: 84057
Ion Ratio Lower Upper
95 100
174 86.9 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: VX031423.D

Acq: 16 Sep 2022 20:19

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-06

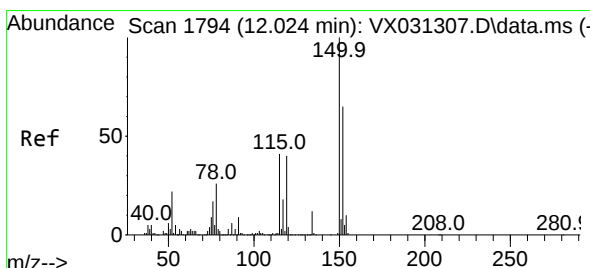
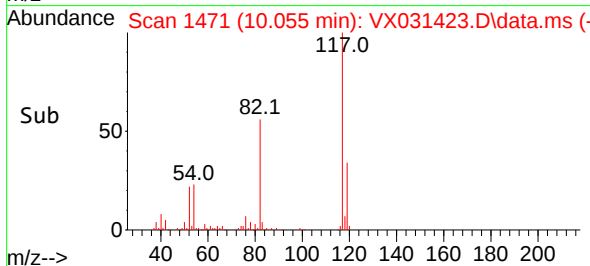
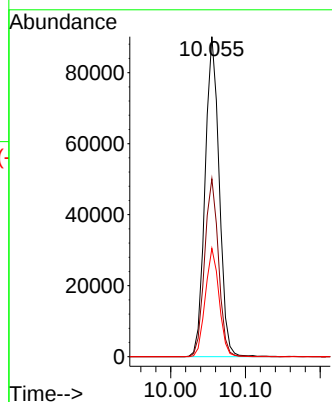
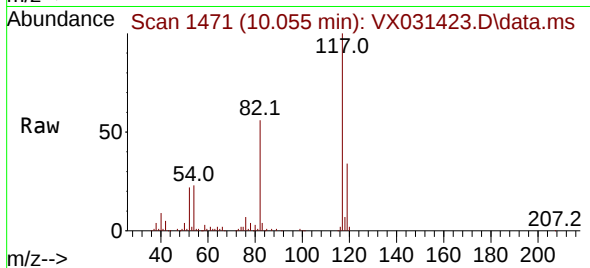
Tgt Ion:117 Resp: 118379

Ion Ratio Lower Upper

117 100

82 55.6 46.8 70.2

119 33.9 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.024 min Scan# 1794

Delta R.T. 0.000 min

Lab File: VX031423.D

Acq: 16 Sep 2022 20:19

Tgt Ion:152 Resp: 53822

Ion Ratio Lower Upper

152 100

115 57.8 43.4 130.1

150 160.0 0.0 346.8

