

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031421.D
 Acq On : 16 Sep 2022 19:32
 Operator : JC/MD
 Sample : N4645-03
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-04

Quant Time: Sep 17 02:08:13 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)

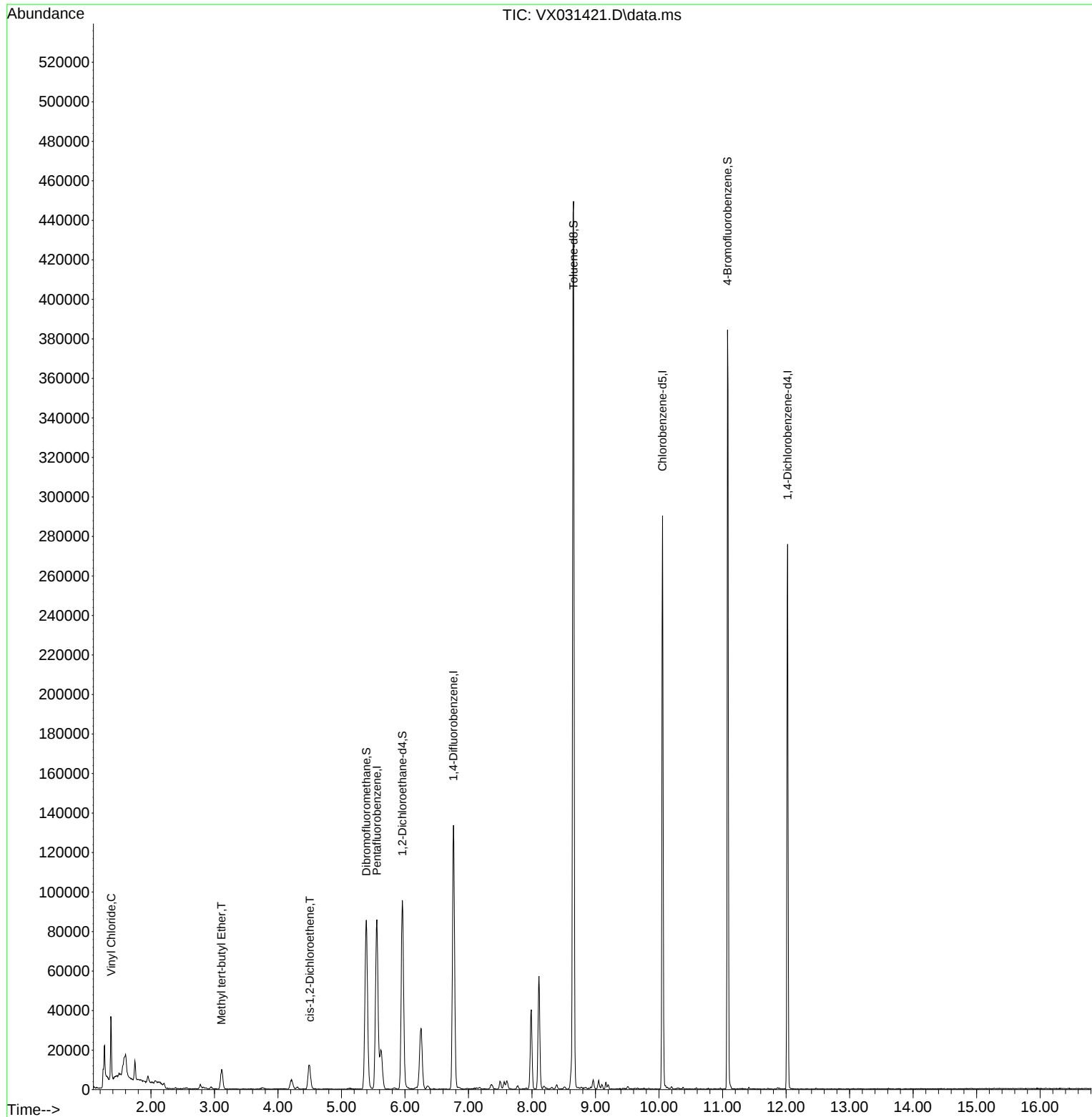
Internal Standards						
1) Pentafluorobenzene	5.556	168	81035	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	135315	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	122351	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	55618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	85086	42.778	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.560%
35) Dibromofluoromethane	5.391	113	70880	48.730	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.460%
50) Toluene-d8	8.653	98	266645	48.870	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.740%
62) 4-Bromofluorobenzene	11.079	95	87019	43.553	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.100%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	1.374	62	10549	7.451	ug/l	100
19) Methyl tert-butyl Ether	3.111	73	10073	1.923	ug/l #	80
27) cis-1,2-Dichloroethene	4.501	96	8189	4.914	ug/l	78

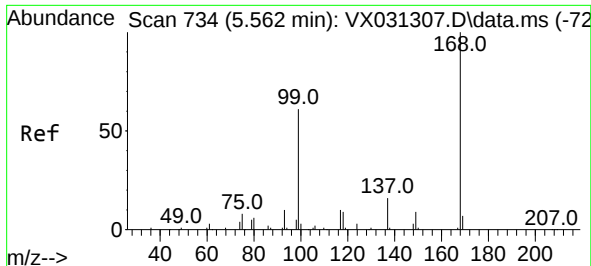
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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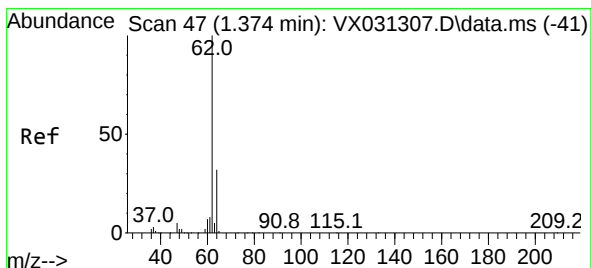
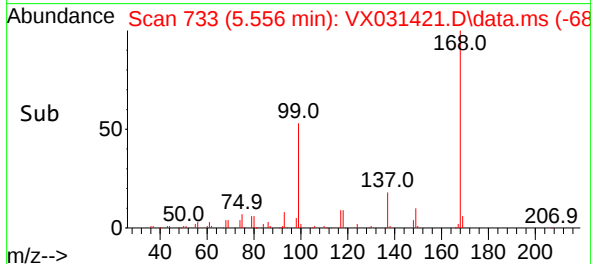
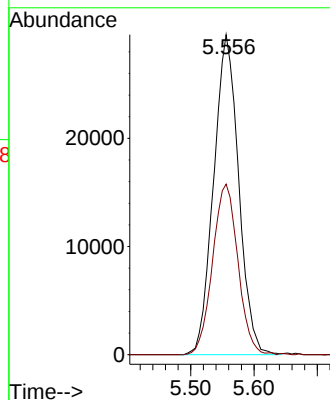
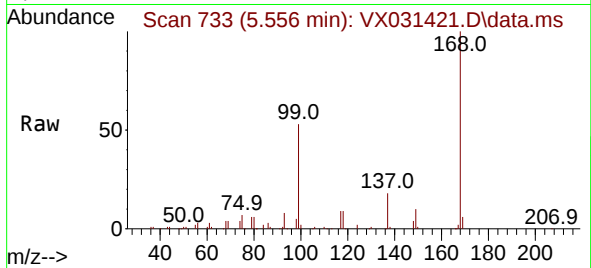




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031421.D
Acq: 16 Sep 2022 19:32

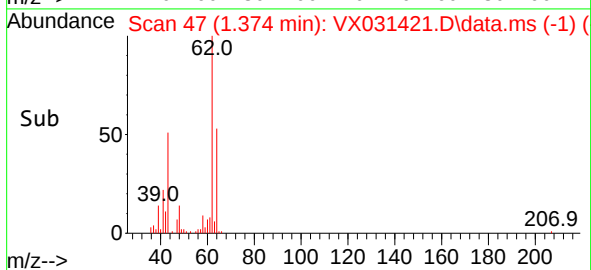
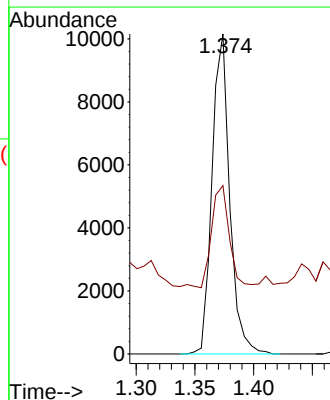
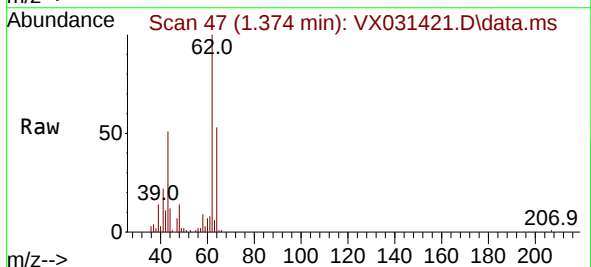
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-04

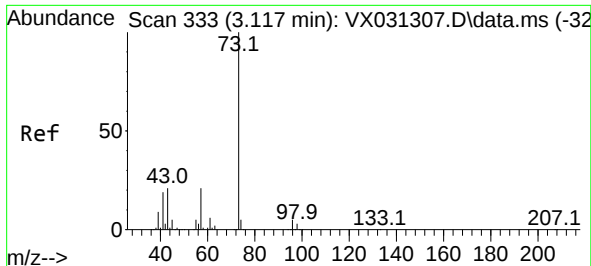
Tgt Ion:168 Resp: 81035
Ion Ratio Lower Upper
168 100
99 53.3 48.8 73.2



#4
Vinyl Chloride
Concen: 7.451 ug/l
RT: 1.374 min Scan# 47
Delta R.T. 0.000 min
Lab File: VX031421.D
Acq: 16 Sep 2022 19:32

Tgt Ion: 62 Resp: 10549
Ion Ratio Lower Upper
62 100
64 31.5 25.3 37.9





#19

Methyl tert-butyl Ether

Concen: 1.923 ug/l

RT: 3.111 min Scan# 31

Delta R.T. -0.006 min

Lab File: VX031421.D

Acq: 16 Sep 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

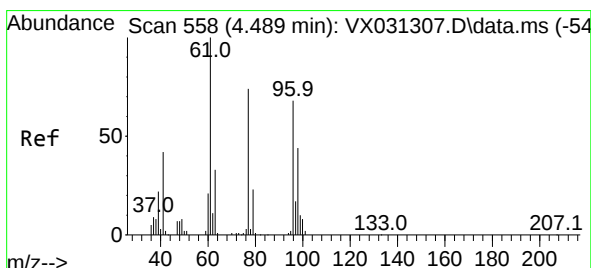
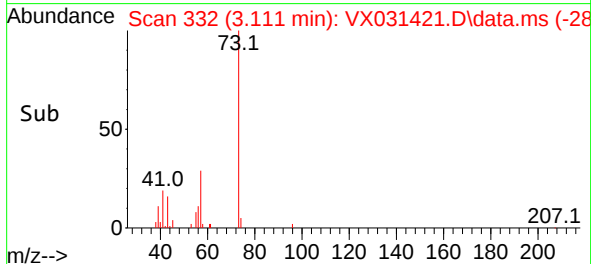
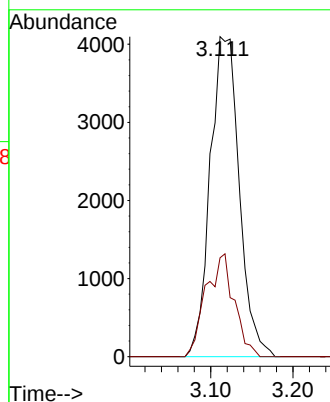
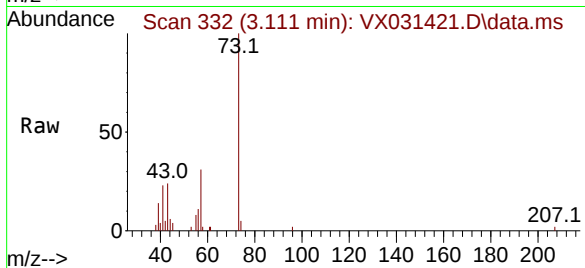
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Tgt Ion: 73 Resp: 10073

Ion Ratio Lower Upper

73 100

57 30.9 17.2 25.8#



#27

cis-1,2-Dichloroethene

Concen: 4.914 ug/l

RT: 4.501 min Scan# 560

Delta R.T. 0.012 min

Lab File: VX031421.D

Acq: 16 Sep 2022 19:32

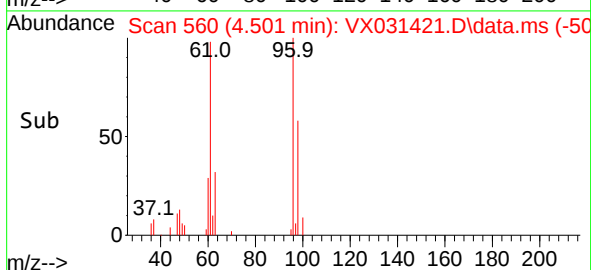
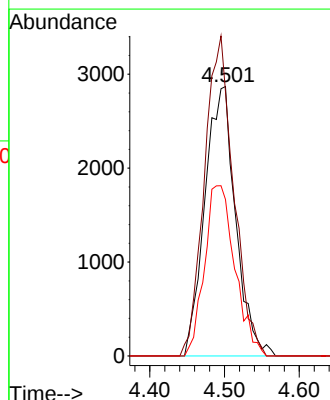
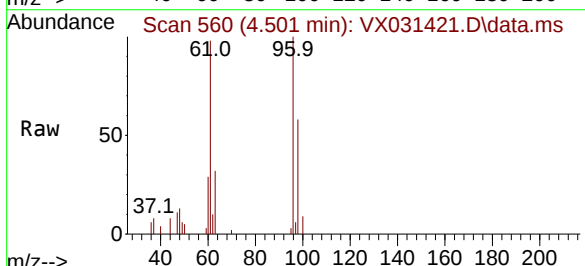
Tgt Ion: 96 Resp: 8189

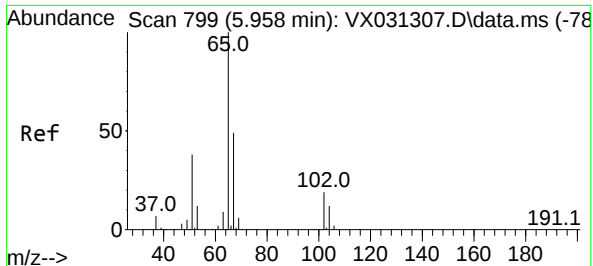
Ion Ratio Lower Upper

96 100

61 113.2 0.0 305.2

98 62.6 0.0 128.4





#33

1,2-Dichloroethane-d4

Concen: 42.778 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX031421.D

Acq: 16 Sep 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

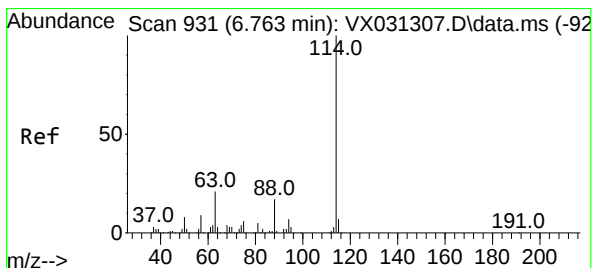
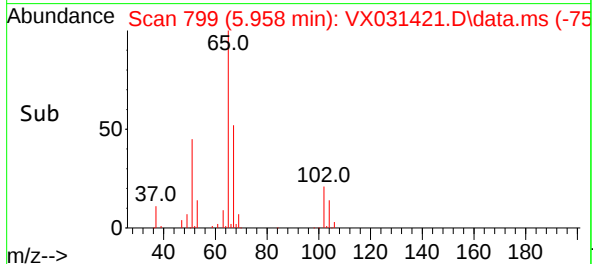
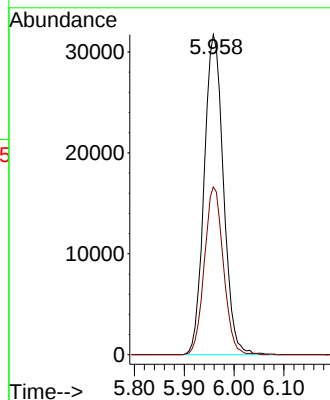
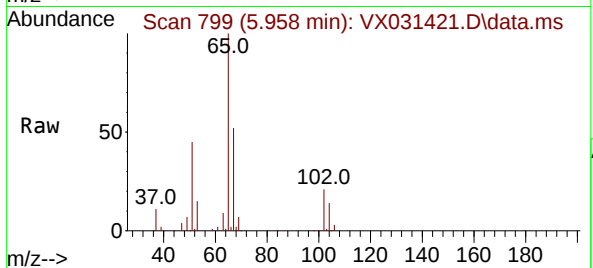
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Tgt Ion: 65 Resp: 85086

Ion Ratio Lower Upper

65 100

67 51.6 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: VX031421.D

Acq: 16 Sep 2022 19:32

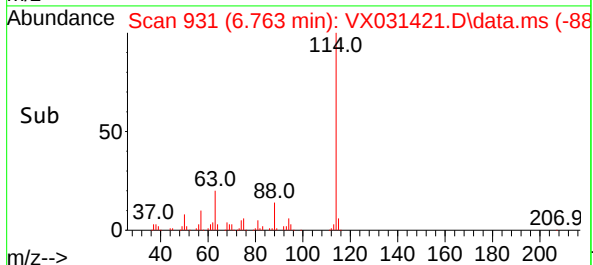
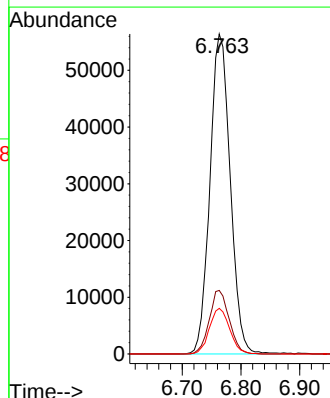
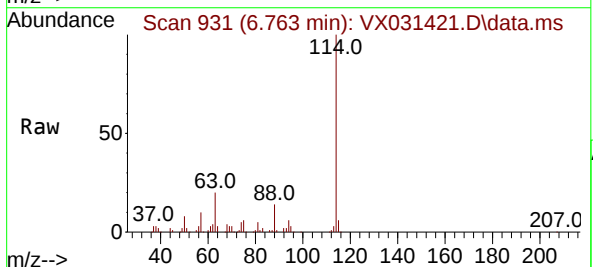
Tgt Ion: 114 Resp: 135315

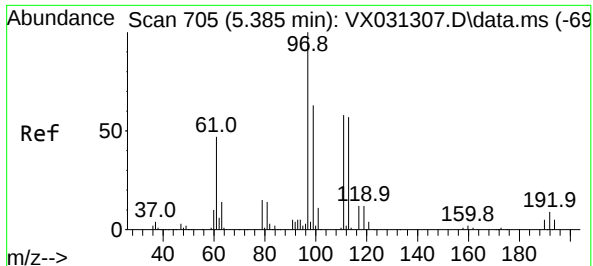
Ion Ratio Lower Upper

114 100

63 19.8 0.0 42.6

88 14.3 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.730 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX031421.D

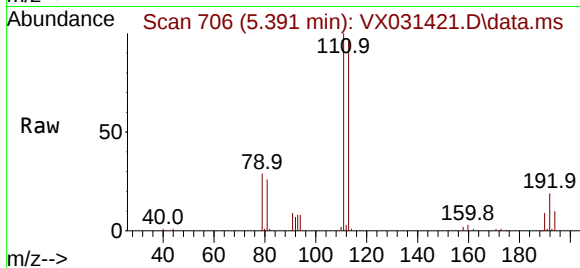
Acq: 16 Sep 2022 19:32

Instrument :

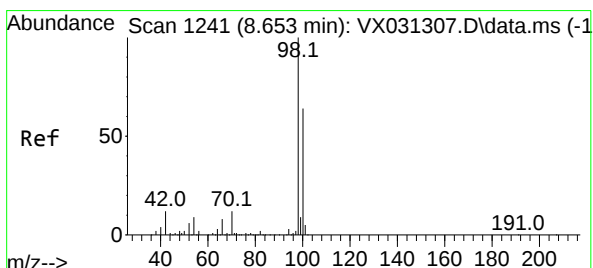
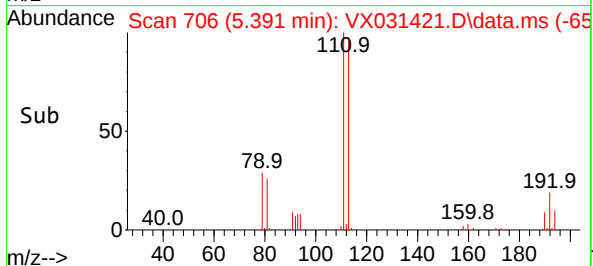
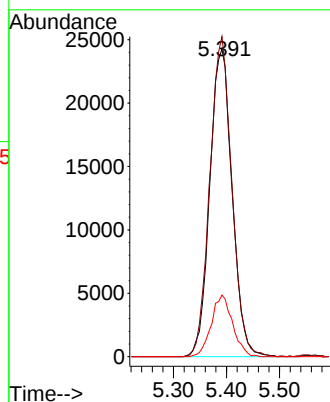
MSVOA_X

ClientSampleId :

TOLL-MW-04



Tgt Ion:	113	Resp:	70880
Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.4	123.6
192	19.1	14.1	21.1



#50

Toluene-d8

Concen: 48.870 ug/l

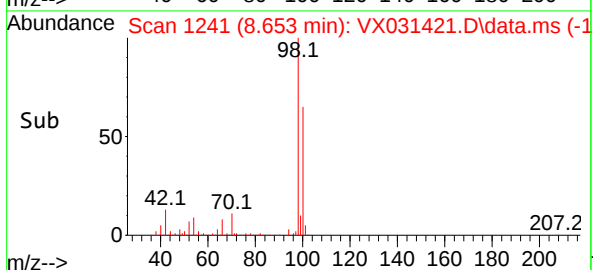
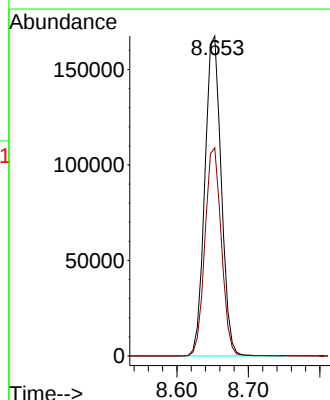
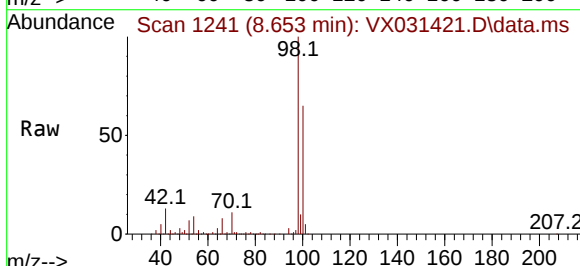
RT: 8.653 min Scan# 1241

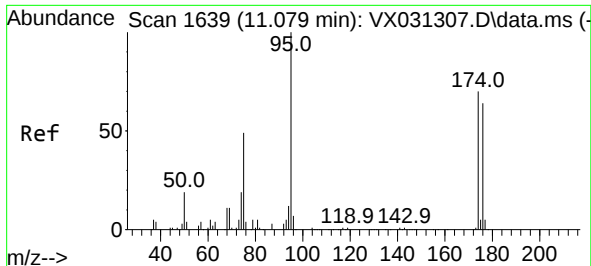
Delta R.T. 0.000 min

Lab File: VX031421.D

Acq: 16 Sep 2022 19:32

Tgt Ion:	98	Resp:	266645
Ion	Ratio	Lower	Upper
98	100		
100	65.2	52.5	78.7

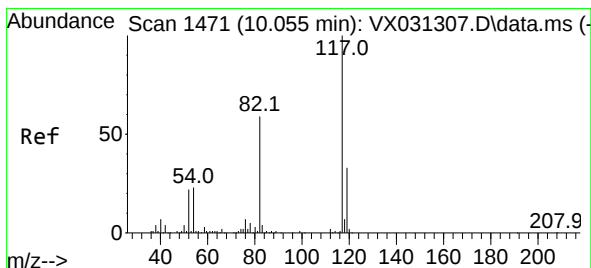
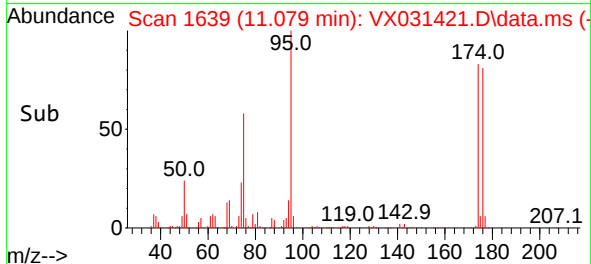
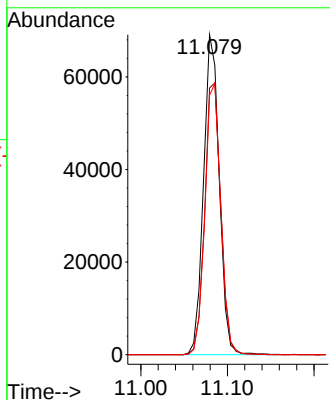
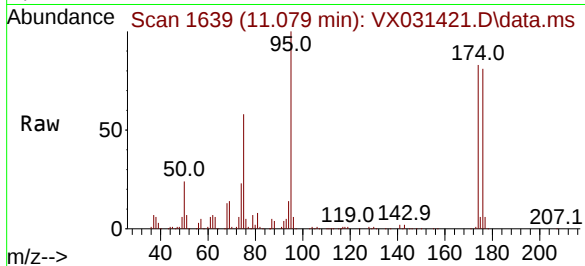




#62
4-Bromofluorobenzene
Concen: 43.553 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031421.D
Acq: 16 Sep 2022 19:32

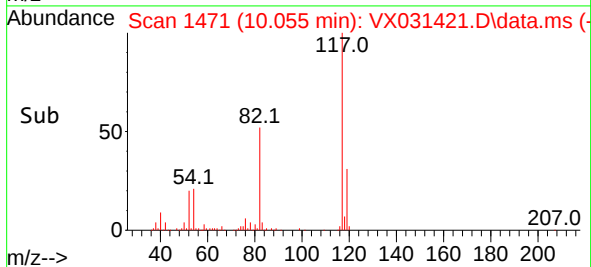
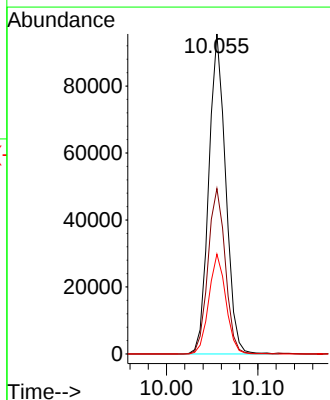
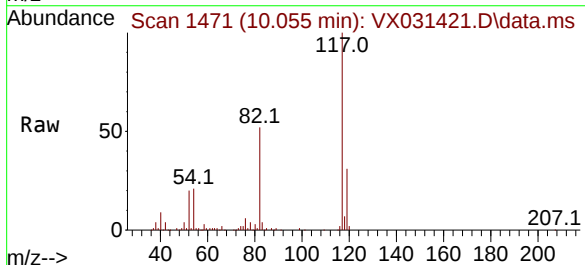
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-04

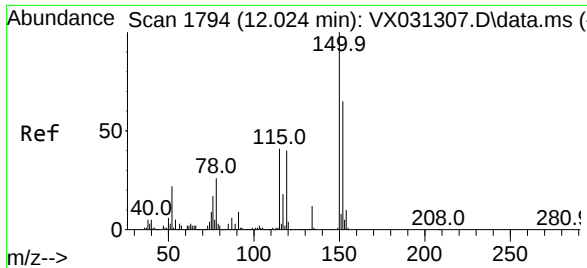
Tgt Ion: 95 Resp: 87019
Ion Ratio Lower Upper
95 100
174 86.7 0.0 153.2
176 85.6 0.0 144.0



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031421.D
Acq: 16 Sep 2022 19:32

Tgt Ion: 117 Resp: 122351
Ion Ratio Lower Upper
117 100
82 51.7 46.8 70.2
119 31.2 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: VX031421.D

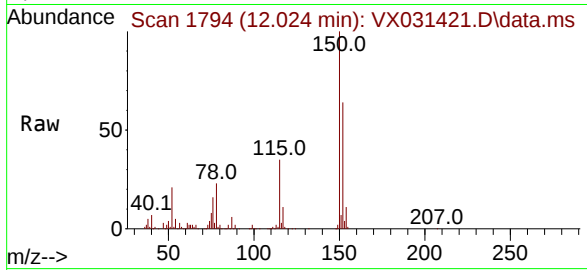
Acq: 16 Sep 2022 19:32

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-04



Tgt Ion:152 Resp: 55618

Ion Ratio Lower Upper

152 100

115 56.7 43.4 130.1

150 155.5 0.0 346.8

