

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX091622\
 Data File : VX031419.D
 Acq On : 16 Sep 2022 18:46
 Operator : JC/MD
 Sample : N4645-01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TOLL-MW-02

Quant Time: Sep 17 02:07:28 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)

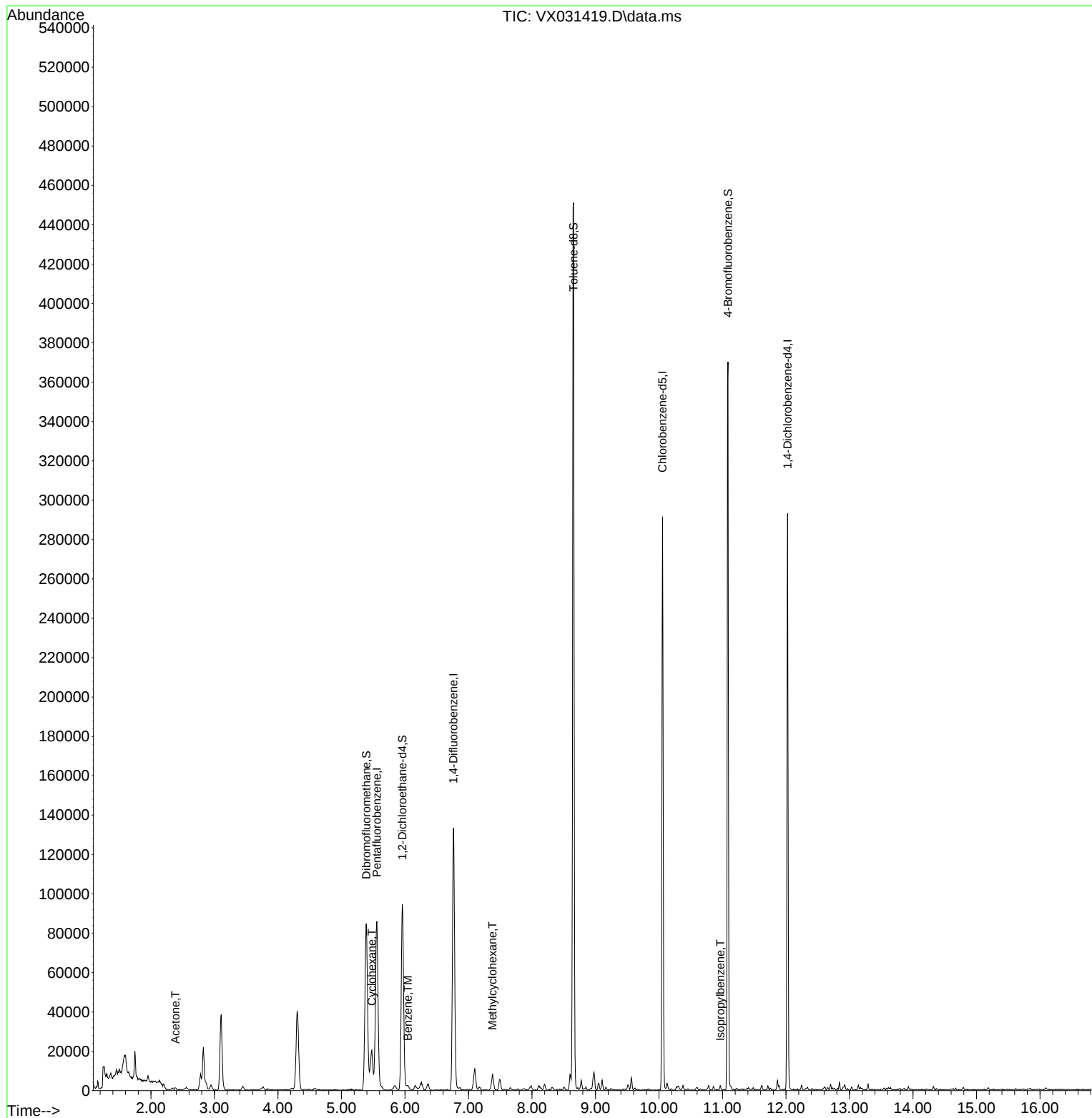
Internal Standards						
1) Pentafluorobenzene	5.556	168	83048	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	134729	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	125308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	58025	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82147	40.299	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	80.600%
35) Dibromofluoromethane	5.391	113	68677	47.421	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.840%
50) Toluene-d8	8.653	98	263763	48.552	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.100%
62) 4-Bromofluorobenzene	11.085	95	86882	43.673	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.340%
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	1325	1.523	ug/l #	83
31) Cyclohexane	5.477	56	12904	5.892	ug/l	96
39) Methylcyclohexane	7.379	83	3055	1.399	ug/l	99
40) Benzene	6.044	78	2854	0.501	ug/l	97
73) Isopropylbenzene	10.964	105	1183	0.276	ug/l	95

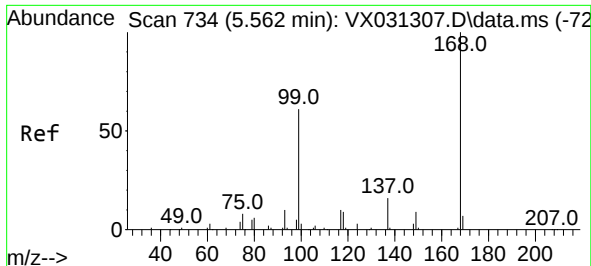
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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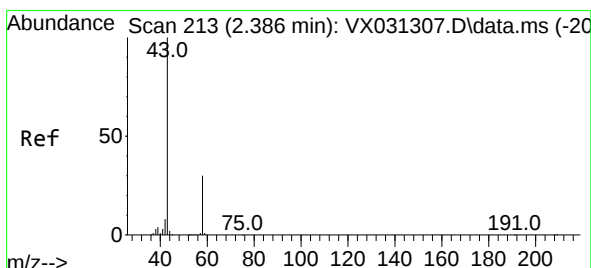
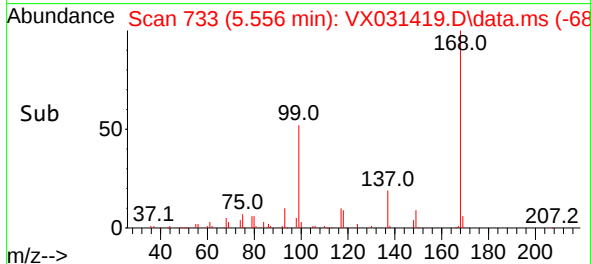
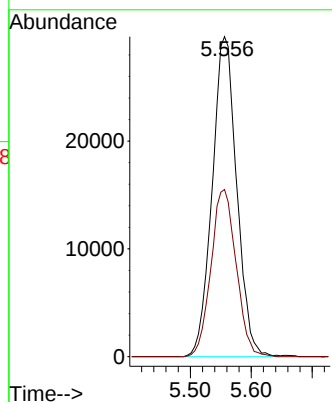
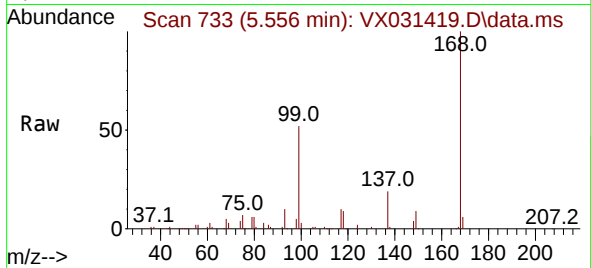




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.006 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

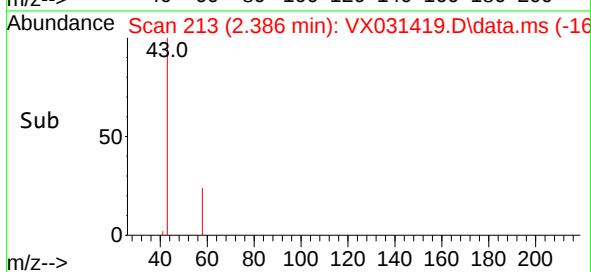
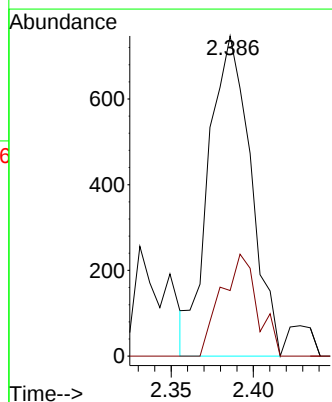
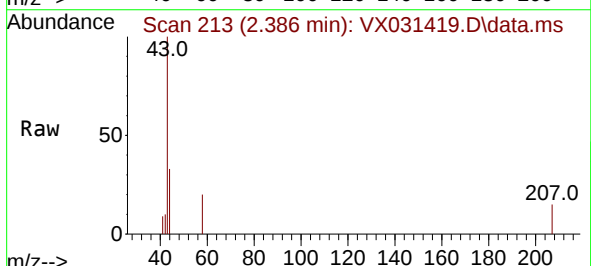
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-02

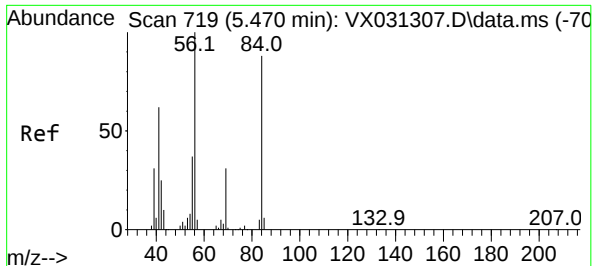
Tgt Ion:168 Resp: 83048
Ion Ratio Lower Upper
168 100
99 52.3 48.8 73.2



#16
Acetone
Concen: 1.523 ug/l
RT: 2.386 min Scan# 213
Delta R.T. 0.000 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

Tgt Ion: 43 Resp: 1325
Ion Ratio Lower Upper
43 100
58 20.5 23.8 35.8#

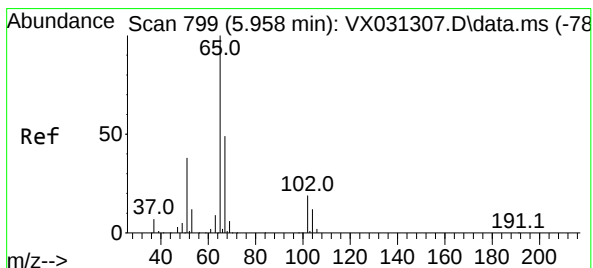
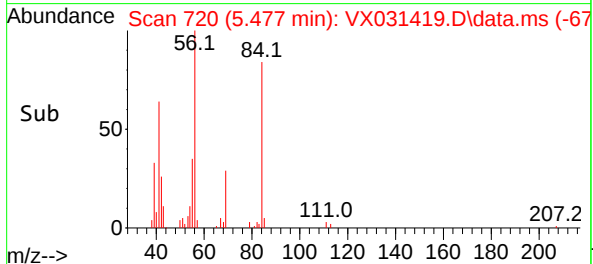
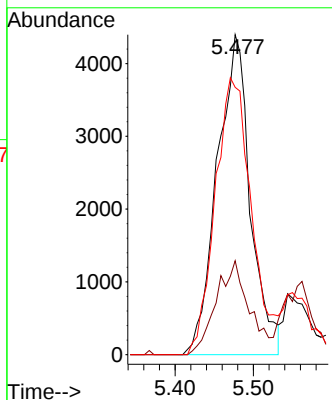
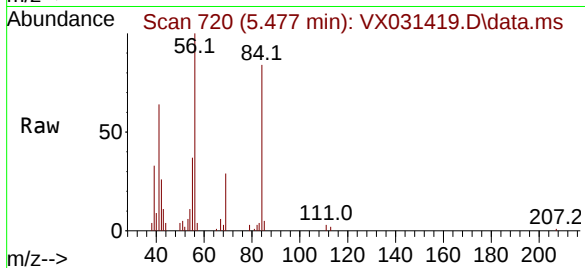




#31
Cyclohexane
Concen: 5.892 ug/l
RT: 5.477 min Scan# 719
Delta R.T. 0.006 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

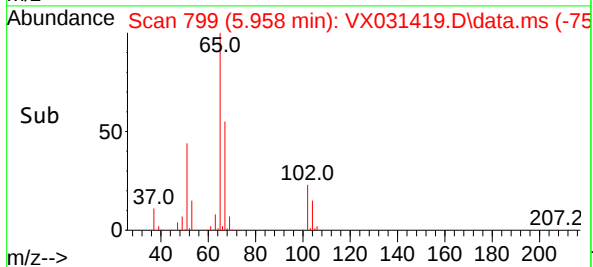
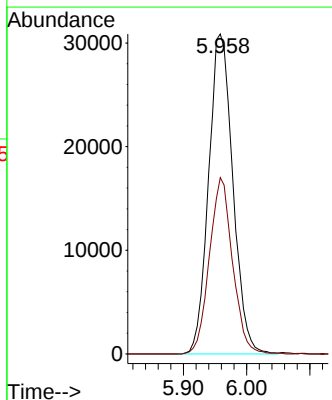
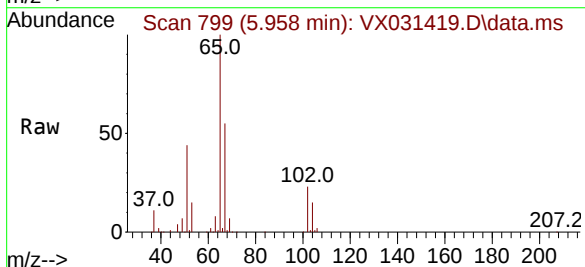
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-02

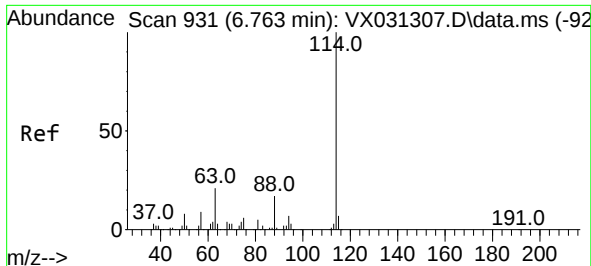
Tgt Ion: 56 Resp: 12904
Ion Ratio Lower Upper
56 100
69 29.3 25.1 37.7
84 83.5 70.2 105.4



#33
1,2-Dichloroethane-d4
Concen: 40.299 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

Tgt Ion: 65 Resp: 82147
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.4

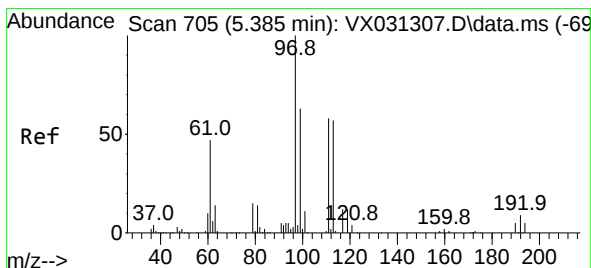
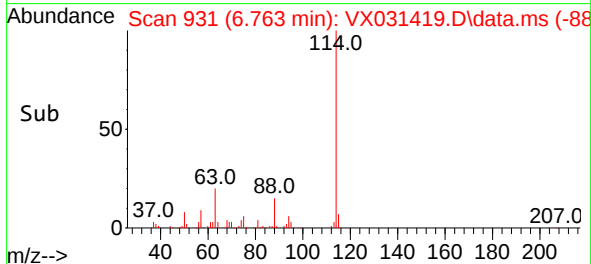
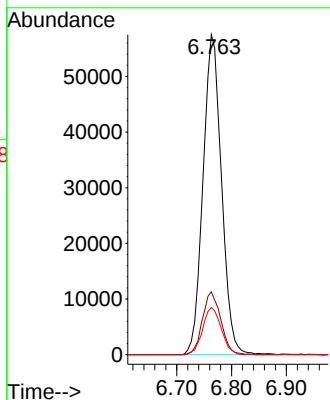
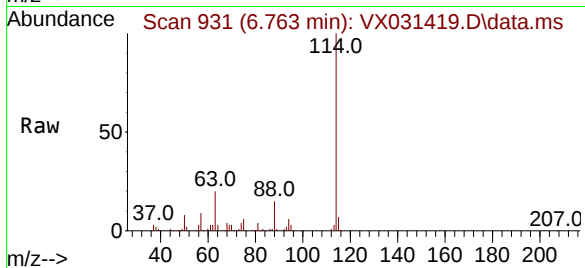




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.763 min Scan# 91
Delta R.T. 0.000 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

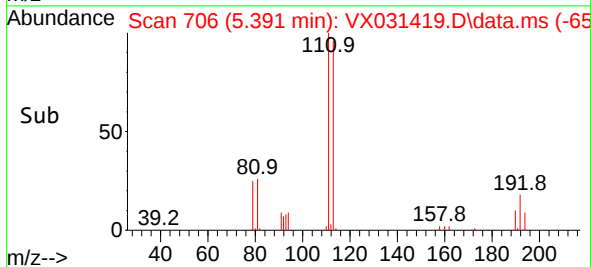
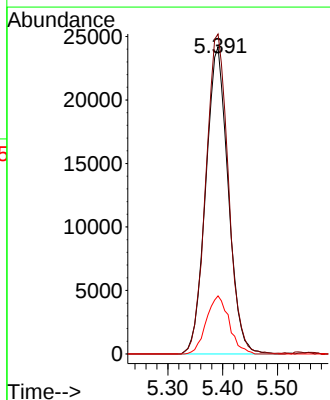
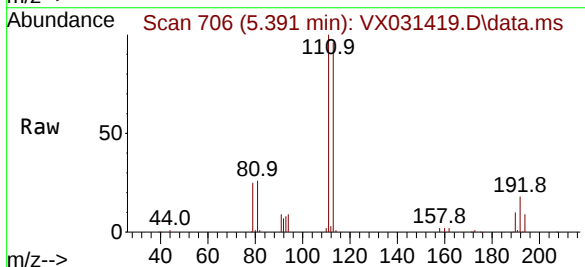
Instrument :
MSVOA_X
ClientSampleId :
TOLL-MW-02

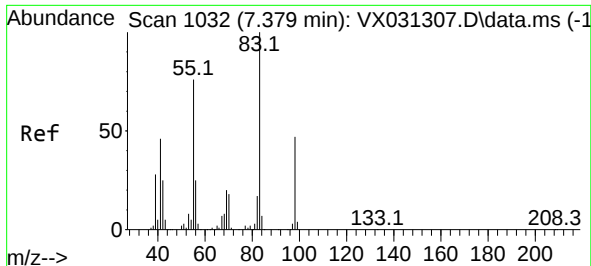
Tgt Ion:114 Resp: 134729
Ion Ratio Lower Upper
114 100
63 19.7 0.0 42.6
88 14.8 0.0 33.0



#35
Dibromofluoromethane
Concen: 47.421 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

Tgt Ion:113 Resp: 68677
Ion Ratio Lower Upper
113 100
111 104.4 82.4 123.6
192 19.2 14.1 21.1





#39

Methylcyclohexane

Concen: 1.399 ug/l

RT: 7.379 min Scan# 1032

Delta R.T. 0.000 min

Lab File: VX031419.D

Acq: 16 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-02

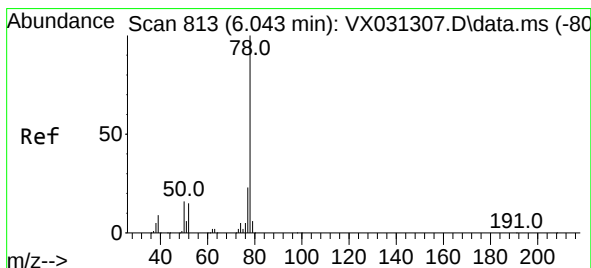
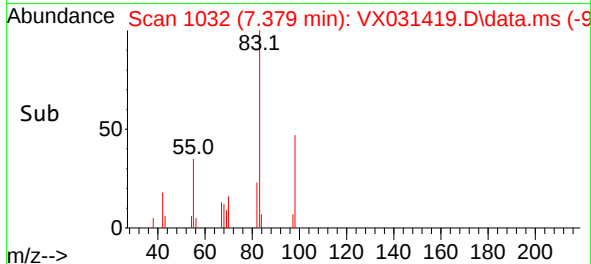
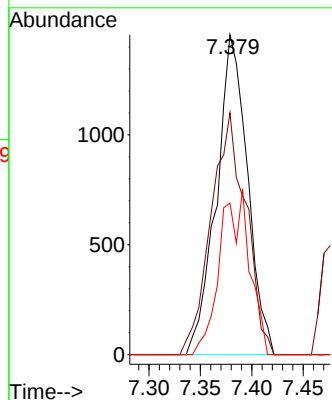
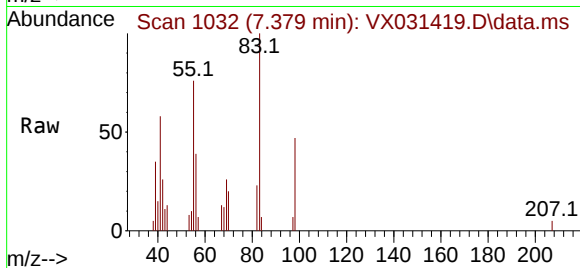
Tgt Ion: 83 Resp: 3055

Ion Ratio Lower Upper

83 100

55 75.6 61.0 91.4

98 47.3 37.7 56.5



#40

Benzene

Concen: 0.501 ug/l

RT: 6.044 min Scan# 813

Delta R.T. 0.000 min

Lab File: VX031419.D

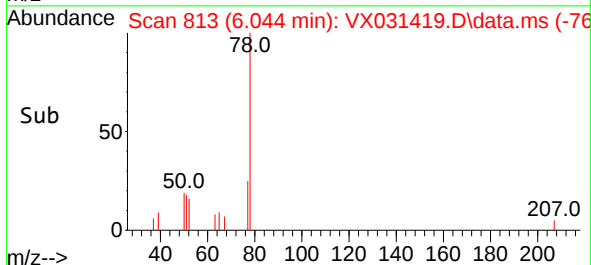
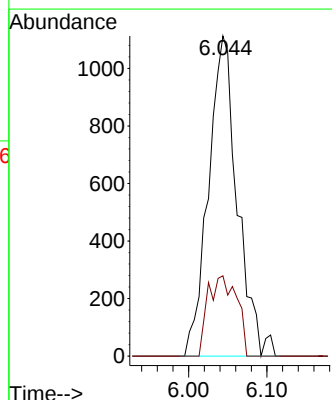
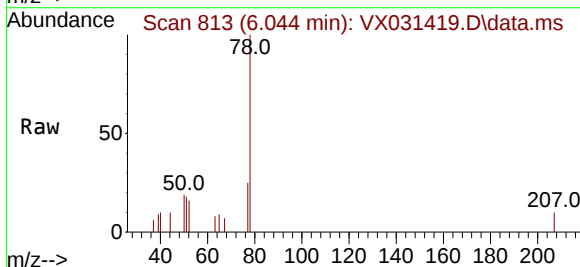
Acq: 16 Sep 2022 18:46

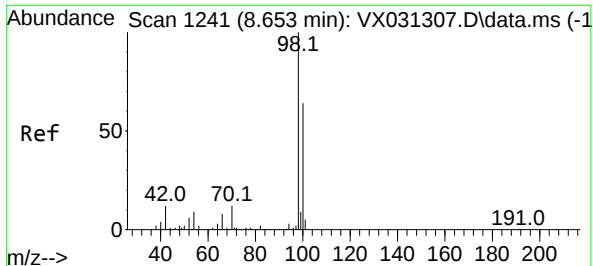
Tgt Ion: 78 Resp: 2854

Ion Ratio Lower Upper

78 100

77 25.1 18.7 28.1

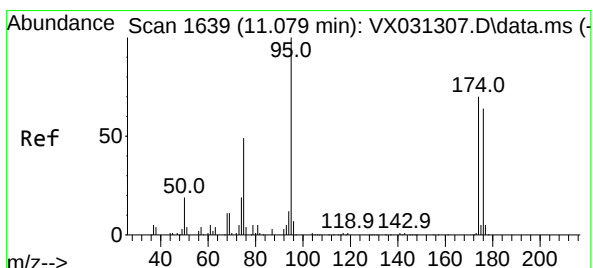
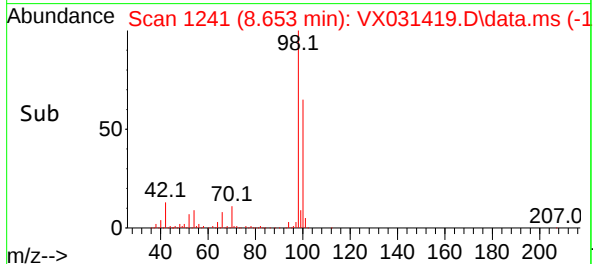
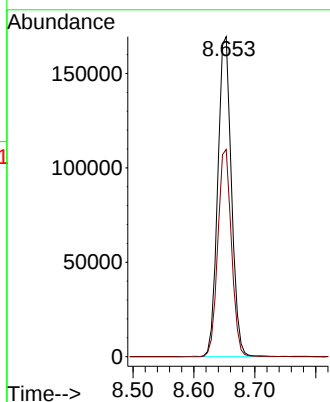
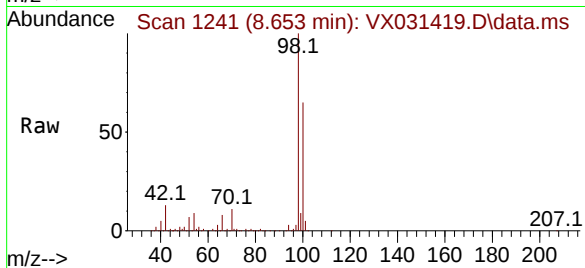




#50
Toluene-d8
Concen: 48.552 ug/l
RT: 8.653 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

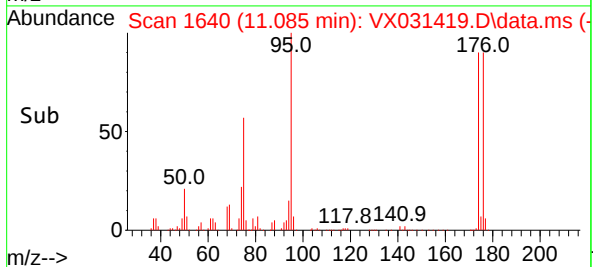
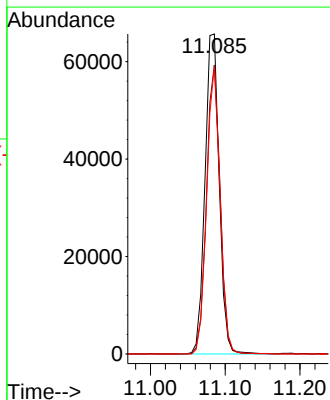
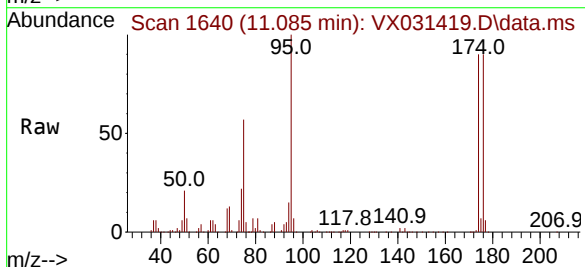
Instrument :
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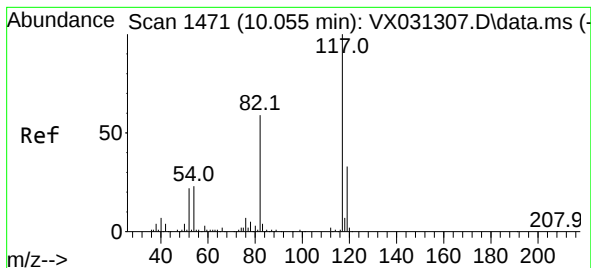
Tgt Ion: 98 Resp: 263763
Ion Ratio Lower Upper
98 100
100 64.5 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 43.673 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX031419.D
Acq: 16 Sep 2022 18:46

Tgt Ion: 95 Resp: 86882
Ion Ratio Lower Upper
95 100
174 86.7 0.0 153.2
176 84.6 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: VX031419.D

Acq: 16 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-02

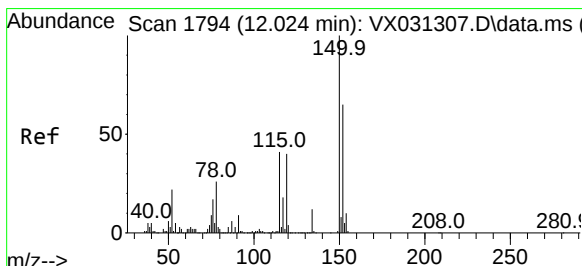
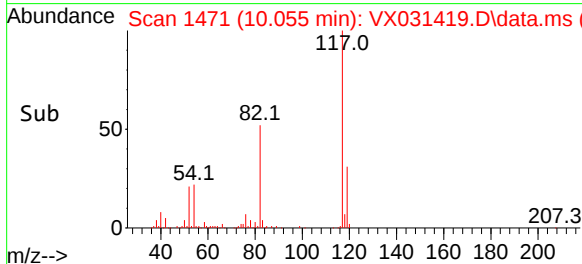
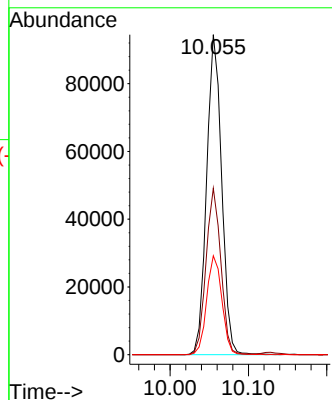
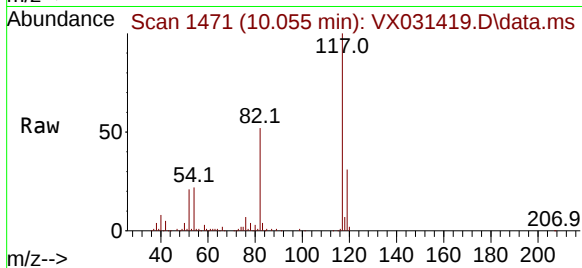
Tgt Ion:117 Resp: 125308

Ion Ratio Lower Upper

117 100

82 52.0 46.8 70.2

119 30.9 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: VX031419.D

Acq: 16 Sep 2022 18:46

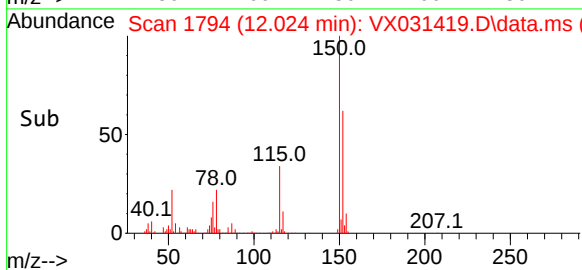
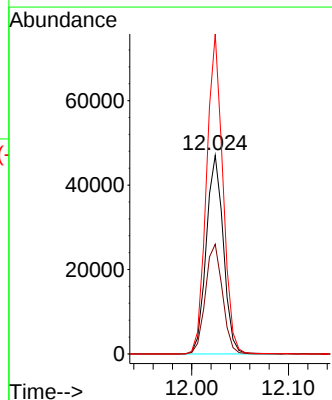
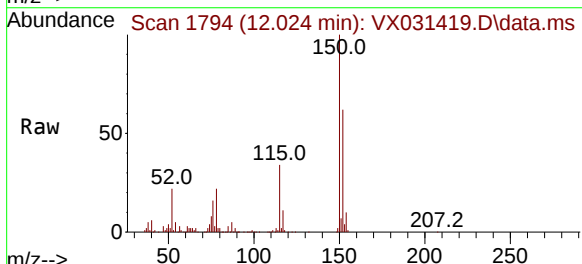
Tgt Ion:152 Resp: 58025

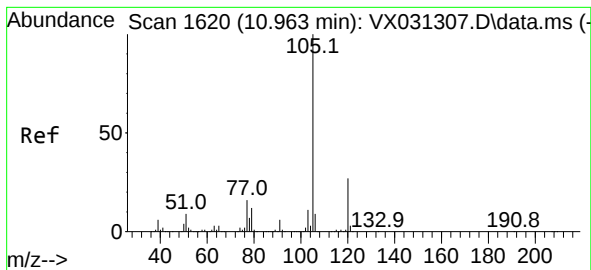
Ion Ratio Lower Upper

152 100

115 55.3 43.4 130.1

150 153.8 0.0 346.8





#73

Isopropylbenzene

Concen: 0.276 ug/l

RT: 10.964 min Scan# 1

Delta R.T. 0.000 min

Lab File: VX031419.D

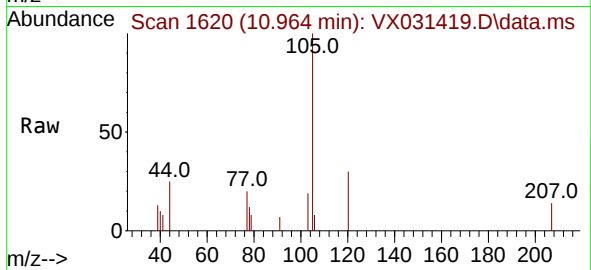
Acq: 16 Sep 2022 18:46

Instrument :

MSVOA_X

ClientSampleId :

TOLL-MW-02



Tgt Ion:105 Resp: 1183

Ion Ratio Lower Upper

105 100

120 24.8 13.7 41.0

