

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX092222\
 Data File : VX031583.D
 Acq On : 22 Sep 2022 20:14
 Operator : JC/MD
 Sample : N4751-09
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TB-9-21-22

Quant Time: Sep 23 01:51:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X091922W.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 09:45:29 2022
 Response via : Initial Calibration

Compound	R.T. QIon		Response	Conc	Units	Dev(Min)

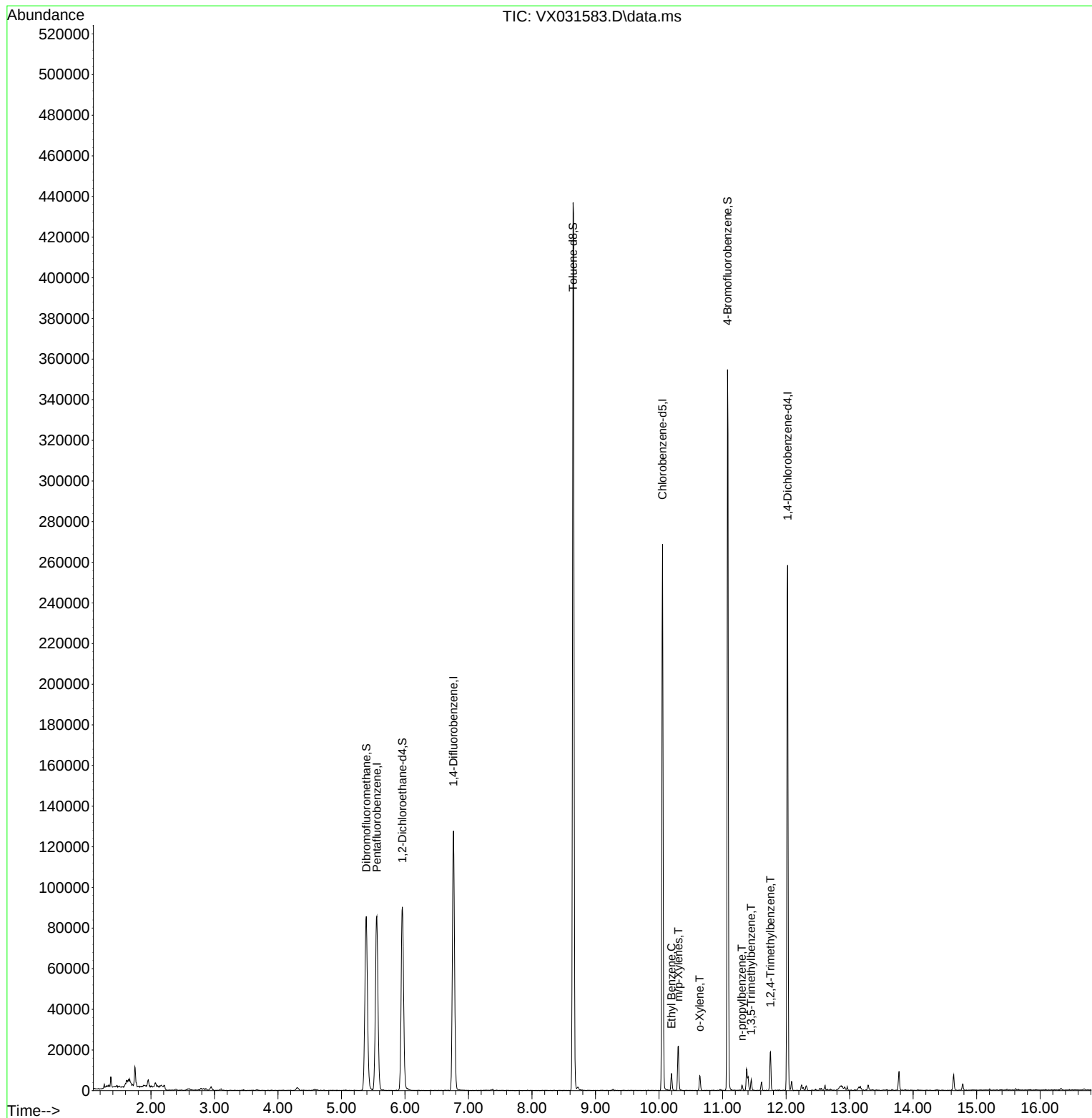
Internal Standards						
1) Pentafluorobenzene	5.556	168	83776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	131666	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	116954	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	53112	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	82922	53.957	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 107.920%	
35) Dibromofluoromethane	5.391	113	69953	51.422	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.840%	
50) Toluene-d8	8.647	98	259656	49.499	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.000%	
62) 4-Bromofluorobenzene	11.079	95	79467	44.723	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 89.440%	
Target Compounds						
					Qvalue	
67) Ethyl Benzene	10.195	91	4900	0.769	ug/l	94
68) m/p-Xylenes	10.305	106	5248	2.051	ug/l	99
69) o-Xylene	10.640	106	1919	0.786	ug/l	79
78) n-propylbenzene	11.305	91	1562	0.342	ug/l	96
80) 1,3,5-Trimethylbenzene	11.451	105	2432	0.723	ug/l	95
84) 1,2,4-Trimethylbenzene	11.756	105	8143	2.456	ug/l	94

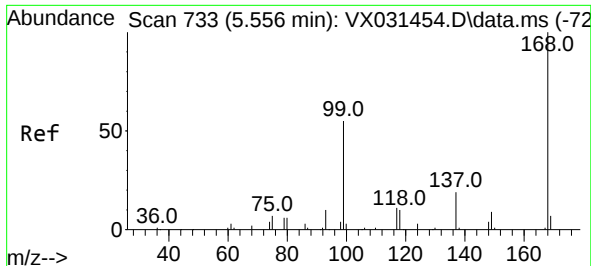
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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TB-9-21-22

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Quant Title : SW846 8260
QLast Update : Tue Sep 20 09:45:29 2022
Response via : Initial Calibration





#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 5.556 min Scan# 713
 Delta R.T. -0.000 min
 Lab File: VX031583.D
 Acq: 22 Sep 2022 20:14

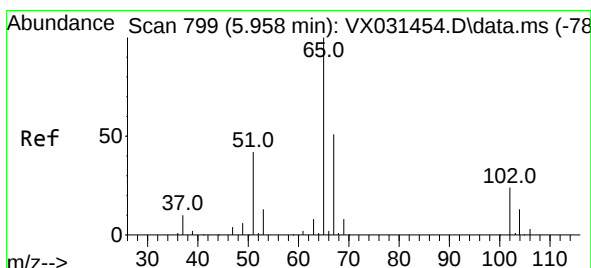
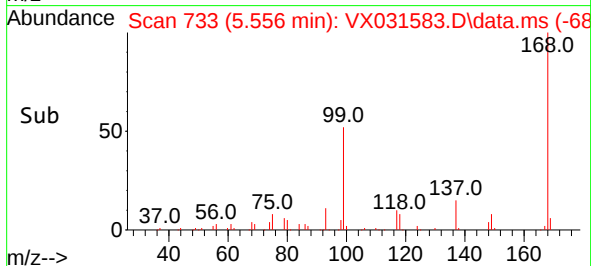
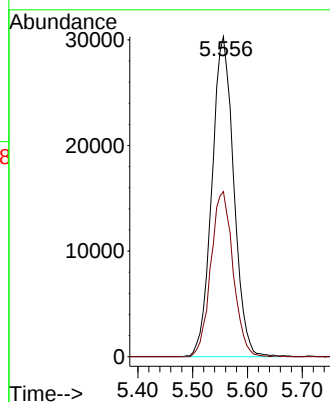
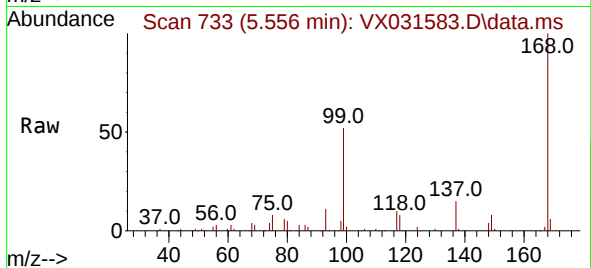
Instrument :

MSVOA_X

ClientSampleId :

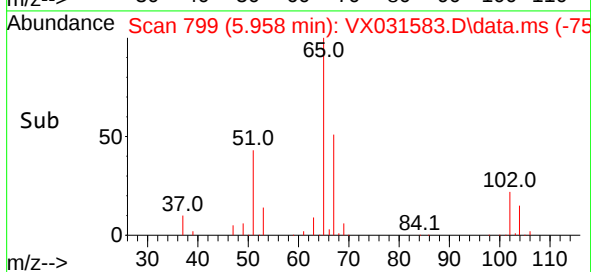
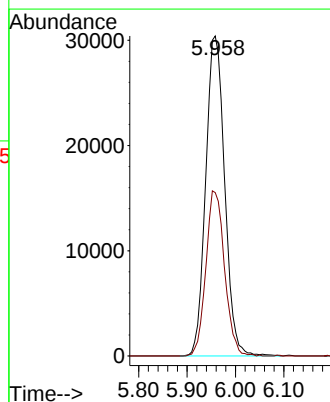
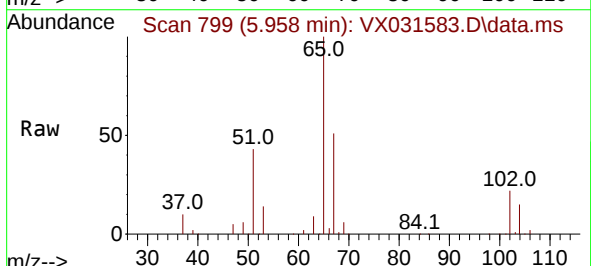
TB-9-21-22

Tgt Ion:168 Resp: 83776
 Ion Ratio Lower Upper
 168 100
 99 51.6 48.8 73.2



#33
 1,2-Dichloroethane-d4
 Concen: 53.957 ug/l
 RT: 5.958 min Scan# 799
 Delta R.T. 0.000 min
 Lab File: VX031583.D
 Acq: 22 Sep 2022 20:14

Tgt Ion: 65 Resp: 82922
 Ion Ratio Lower Upper
 65 100
 67 50.8 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: VX031583.D

Acq: 22 Sep 2022 20:14

Instrument :

MSVOA_X

ClientSampleId :

TB-9-21-22

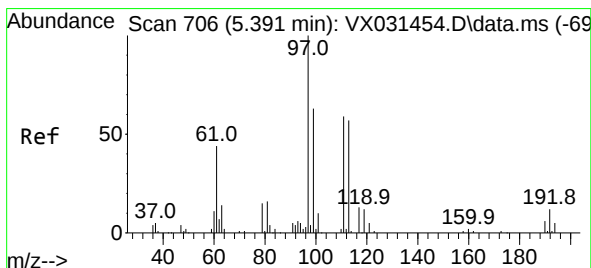
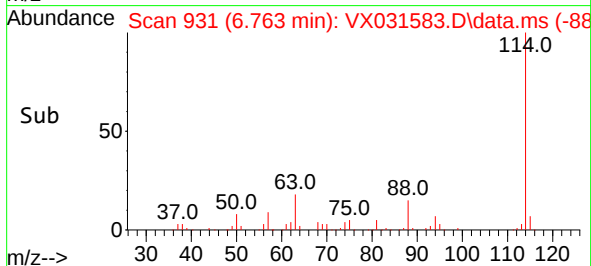
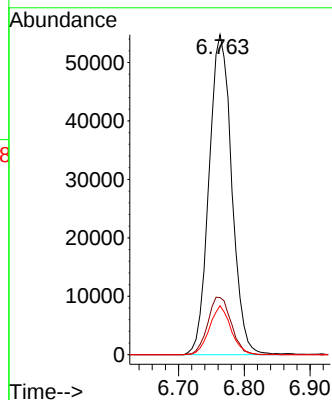
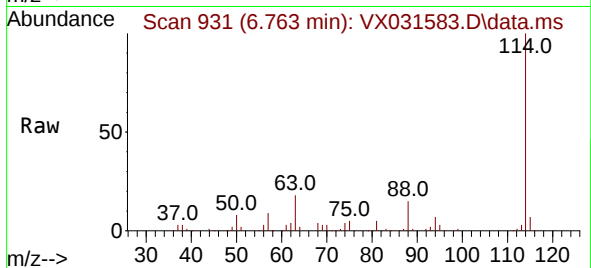
Tgt Ion:114 Resp: 131666

Ion Ratio Lower Upper

114 100

63 17.8 0.0 42.6

88 15.3 0.0 33.0



#35

Dibromofluoromethane

Concen: 51.422 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX031583.D

Acq: 22 Sep 2022 20:14

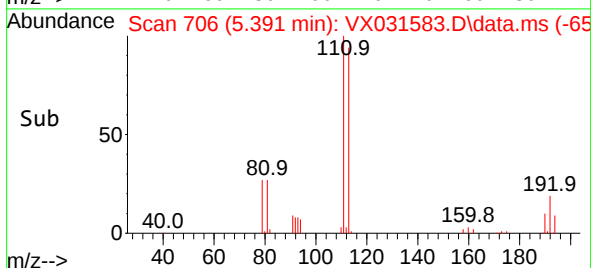
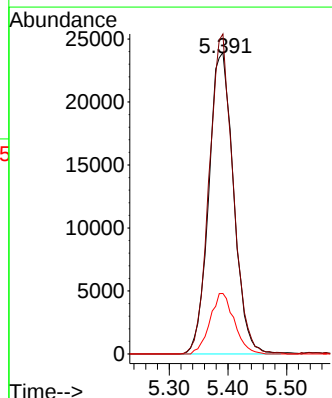
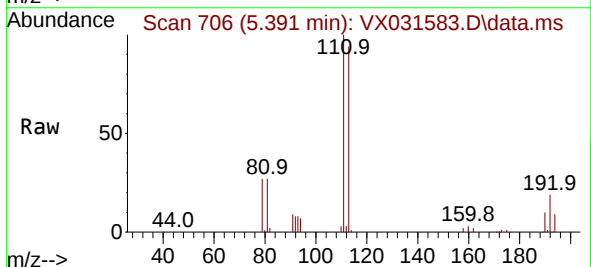
Tgt Ion:113 Resp: 69953

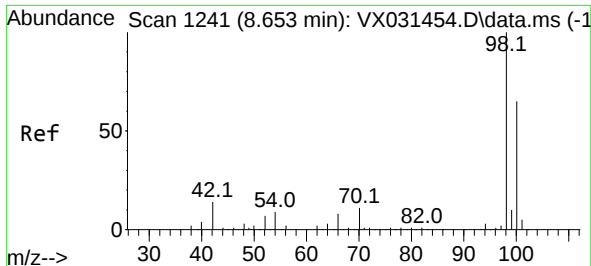
Ion Ratio Lower Upper

113 100

111 102.4 82.4 123.6

192 19.7 14.1 21.1

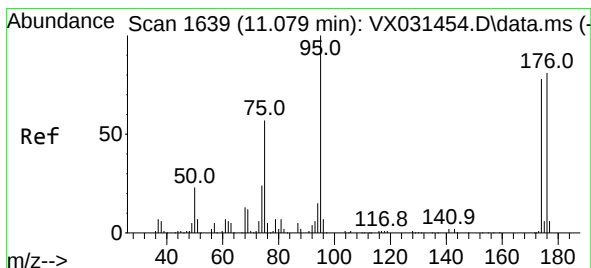
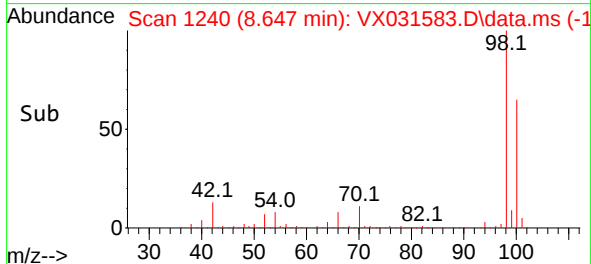
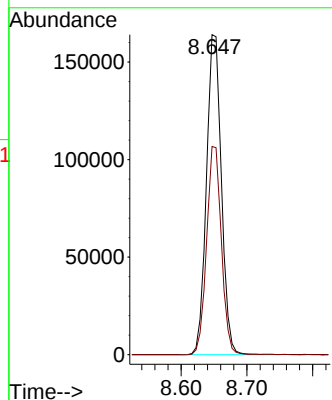
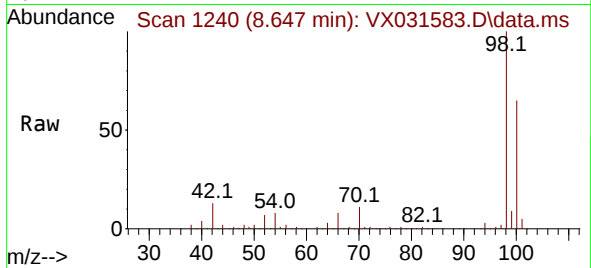




#50
Toluene-d8
Concen: 49.499 ug/l
RT: 8.647 min Scan# 11
Delta R.T. -0.006 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

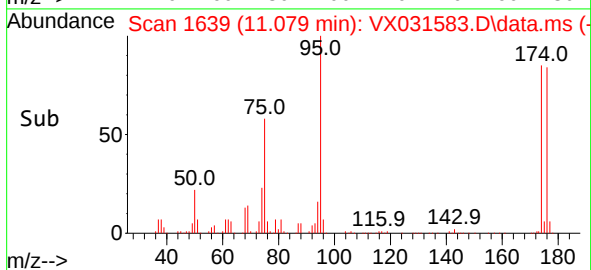
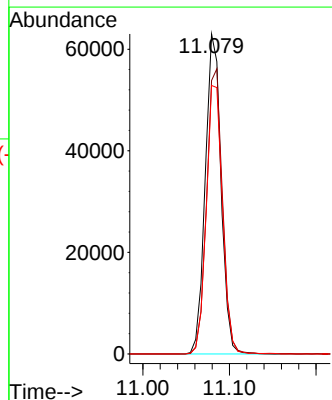
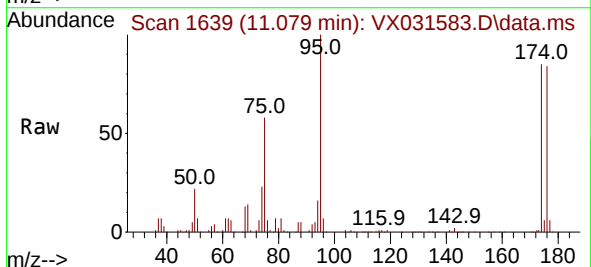
Instrument :
MSVOA_X
ClientSampleId :
TB-9-21-22

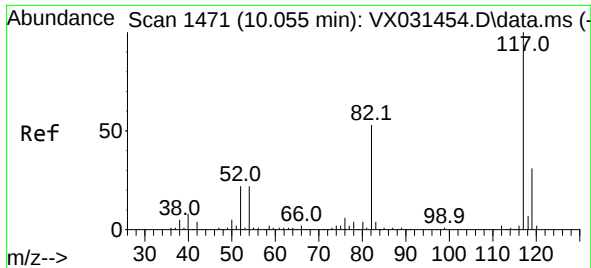
Tgt Ion: 98 Resp: 259656
Ion Ratio Lower Upper
98 100
100 64.2 52.5 78.7



#62
4-Bromofluorobenzene
Concen: 44.723 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

Tgt Ion: 95 Resp: 79467
Ion Ratio Lower Upper
95 100
174 90.2 0.0 153.2
176 86.7 0.0 144.0

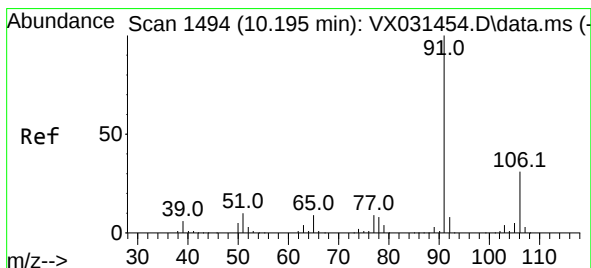
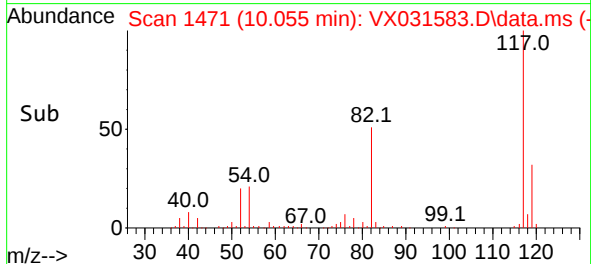
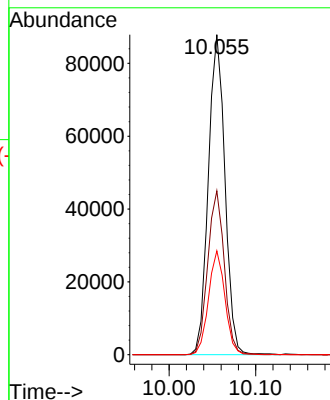
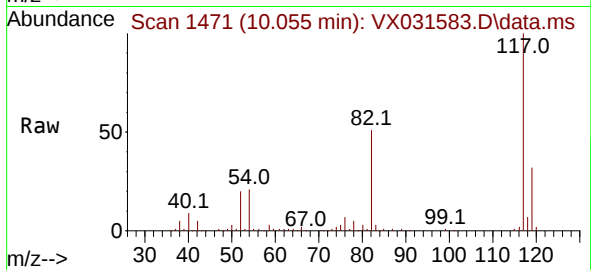




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

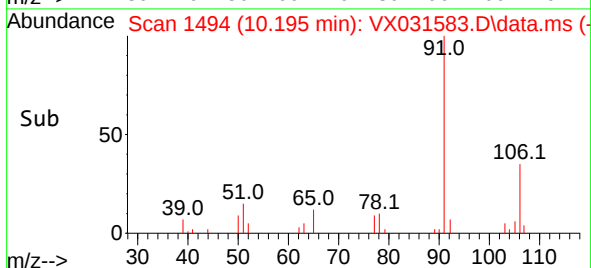
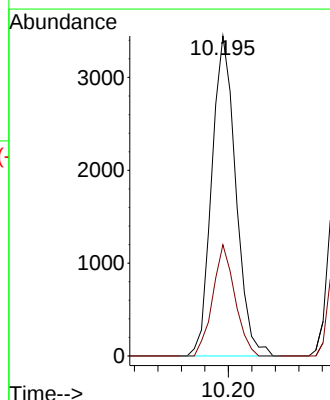
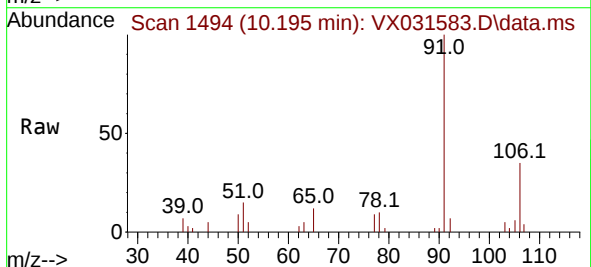
Instrument :
MSVOA_X
ClientSampleId :
TB-9-21-22

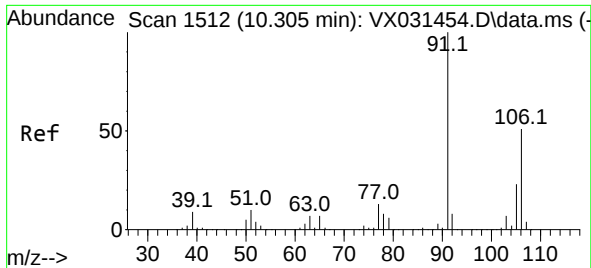
Tgt Ion:117 Resp: 116954
Ion Ratio Lower Upper
117 100
82 51.2 46.8 70.2
119 32.4 26.4 39.6



#67
Ethyl Benzene
Concen: 0.769 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

Tgt Ion: 91 Resp: 4900
Ion Ratio Lower Upper
91 100
106 34.8 25.2 37.8

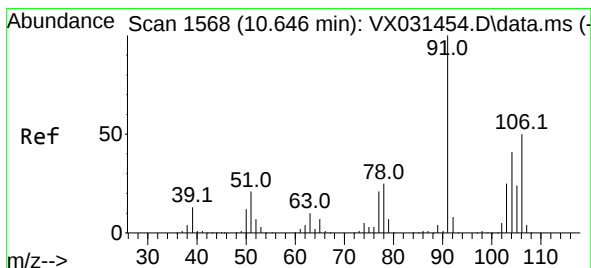
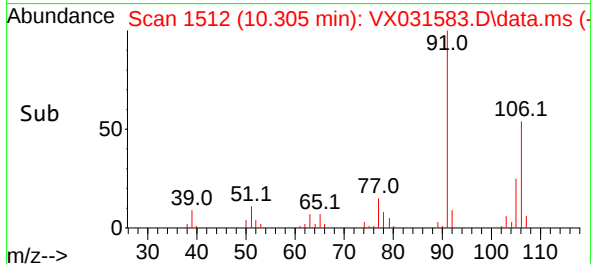
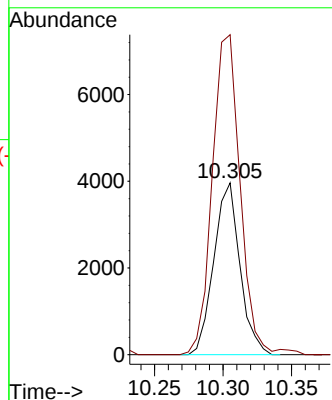
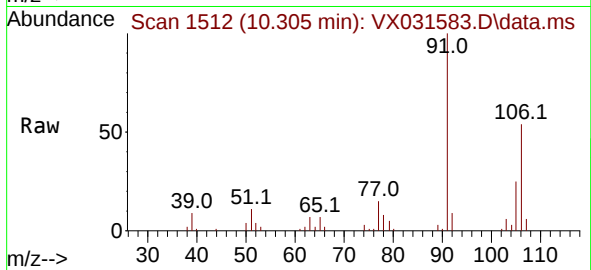




#68
m/p-Xylenes
Concen: 2.051 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

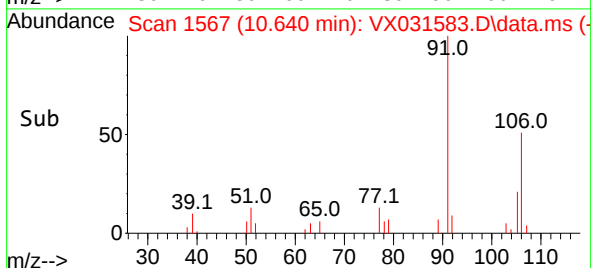
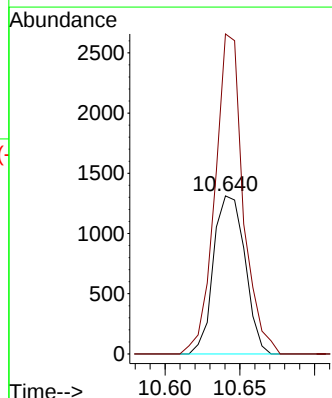
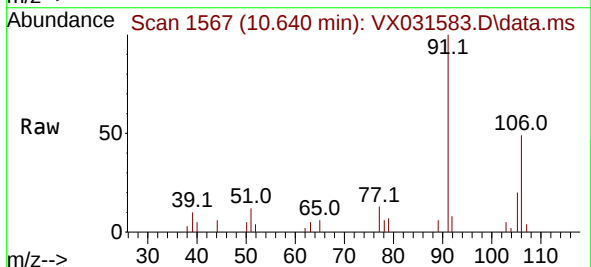
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MSVOA_X
ClientSampleId :
TB-9-21-22

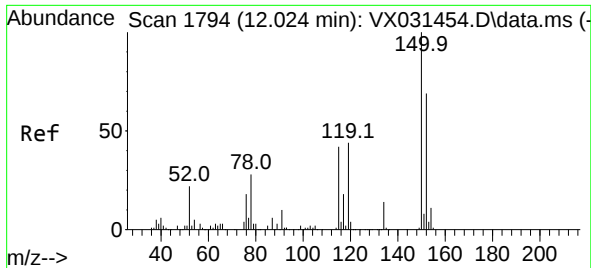
Tgt Ion:106 Resp: 5248
Ion Ratio Lower Upper
106 100
91 199.0 161.0 241.4



#69
o-Xylene
Concen: 0.786 ug/l
RT: 10.640 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

Tgt Ion:106 Resp: 1919
Ion Ratio Lower Upper
106 100
91 181.4 107.2 321.6

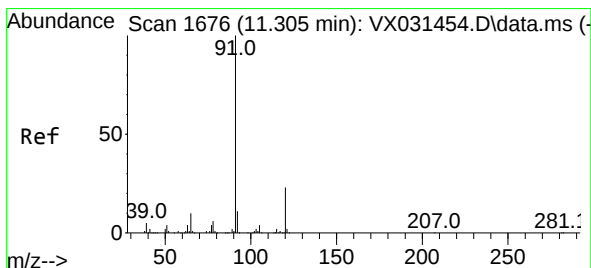
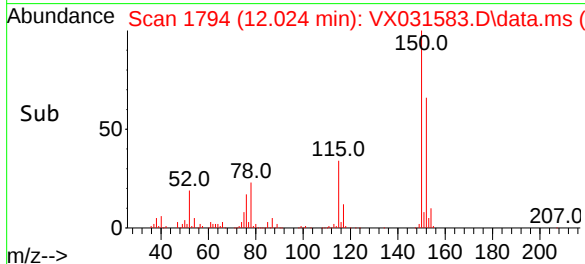
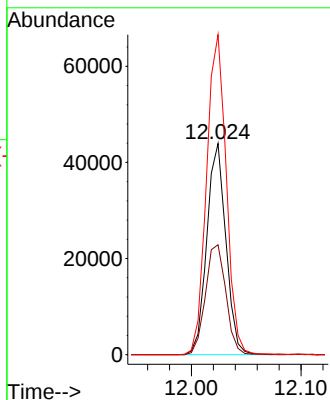
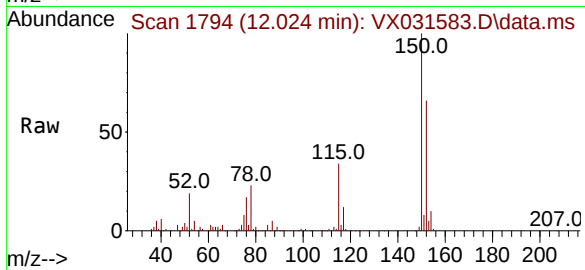




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

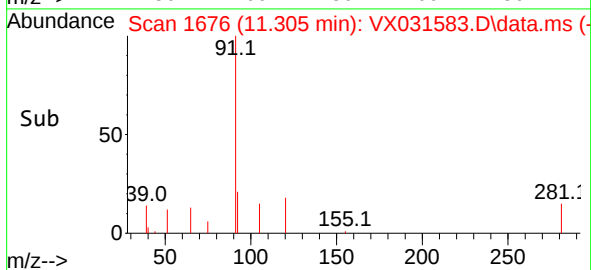
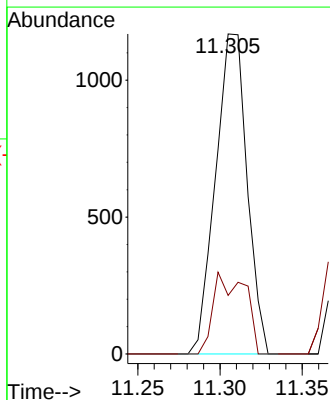
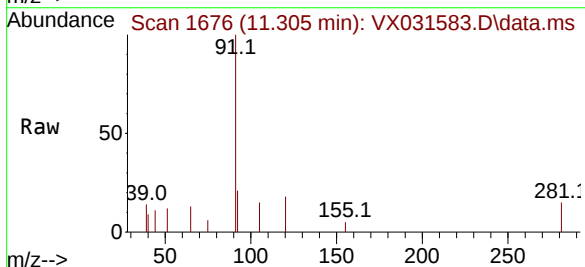
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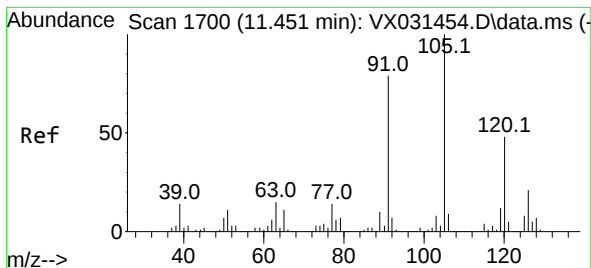
Tgt Ion:152 Resp: 53112
Ion Ratio Lower Upper
152 100
115 55.9 43.4 130.1
150 156.5 0.0 346.8



#78
n-propylbenzene
Concen: 0.342 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. -0.000 min
Lab File: VX031583.D
Acq: 22 Sep 2022 20:14

Tgt Ion: 91 Resp: 1562
Ion Ratio Lower Upper
91 100
120 25.5 11.8 35.4





#80

1,3,5-Trimethylbenzene

Concen: 0.723 ug/l

RT: 11.451 min Scan# 11

Delta R.T. 0.000 min

Lab File: VX031583.D

Acq: 22 Sep 2022 20:14

Instrument :

MSVOA_X

ClientSampleId :

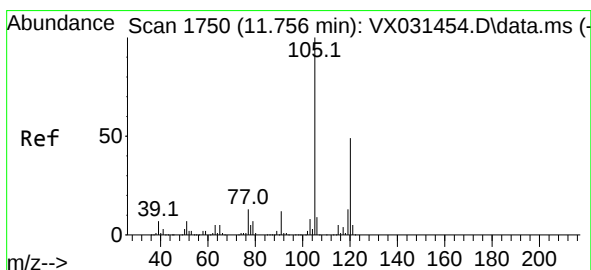
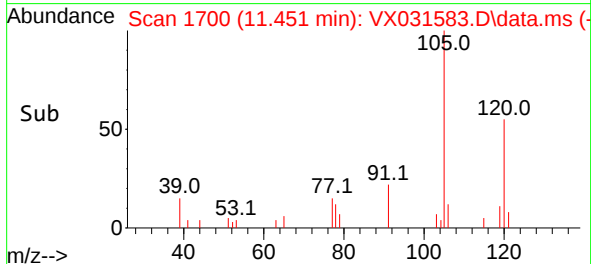
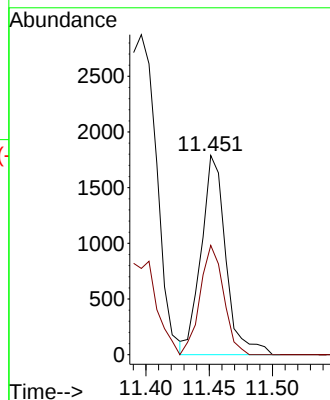
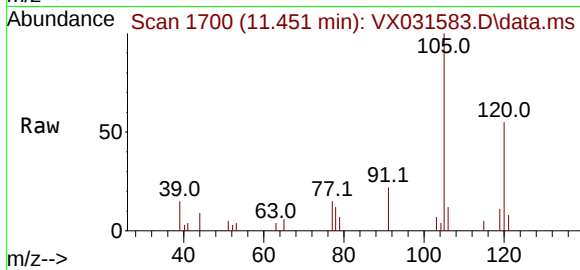
TB-9-21-22

Tgt Ion:105 Resp: 2432

Ion Ratio Lower Upper

105 100

120 52.4 24.5 73.5



#84

1,2,4-Trimethylbenzene

Concen: 2.456 ug/l

RT: 11.756 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VX031583.D

Acq: 22 Sep 2022 20:14

Tgt Ion:105 Resp: 8143

Ion Ratio Lower Upper

105 100

120 49.4 22.6 67.8

