

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012722\
 Data File : VX026638.D
 Acq On : 27 Jan 2022 20:30
 Operator : JC/MD
 Sample : N1297-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DB

Quant Time: Jan 28 04:28:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 11 14:45:13 2022
 Response via : Initial Calibration

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

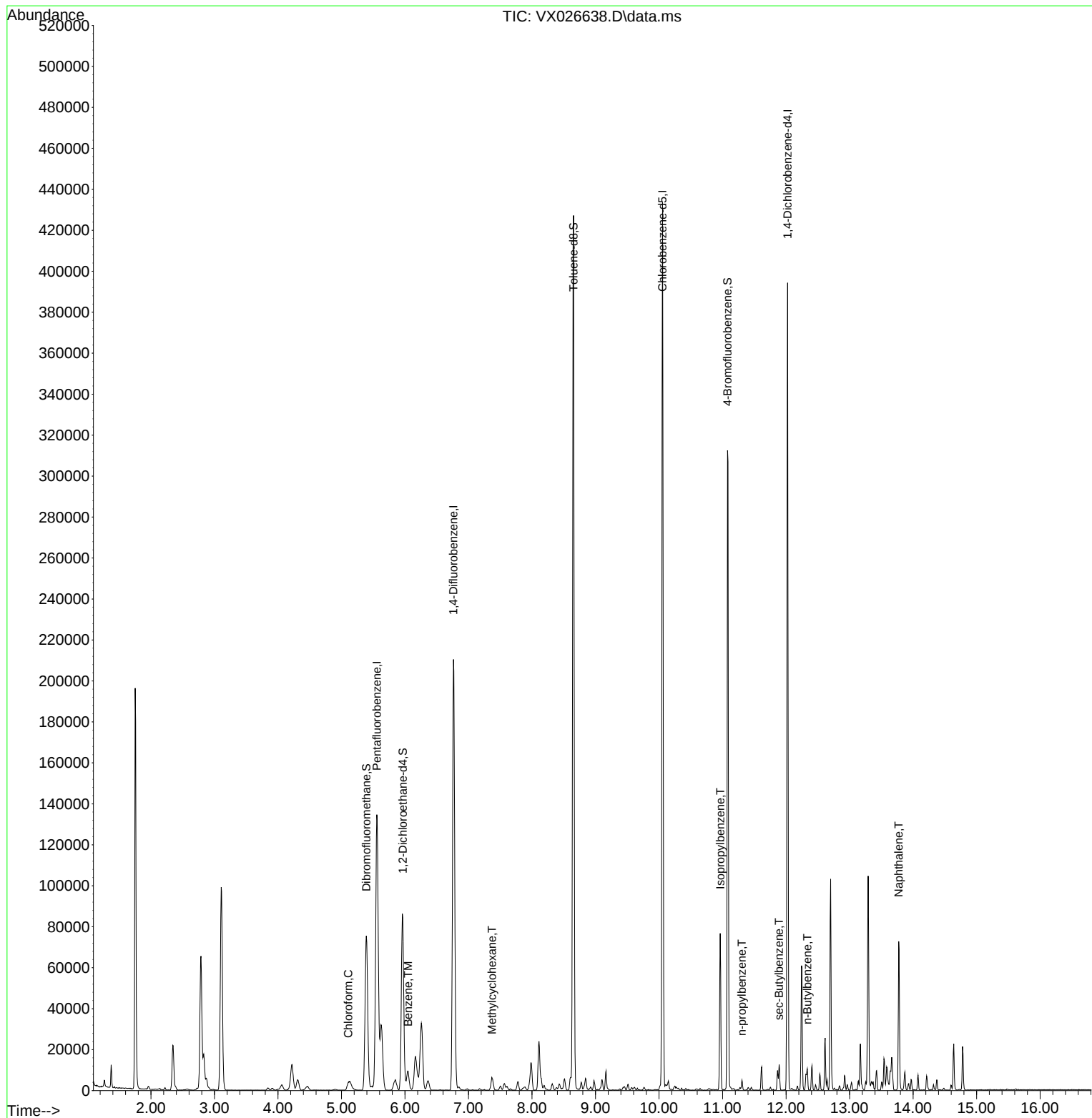
Internal Standards						
1) Pentafluorobenzene	5.556	168	126120	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.763	114	216619	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	192203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	77008	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.964	65	83321	47.293	ug/l	0.00
Spiked Amount	50.000	Range	78 - 117	Recovery	=	94.580%
35) Dibromofluoromethane	5.391	113	67631	48.347	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.700%
50) Toluene-d8	8.653	98	253260	50.241	ug/l	0.00
Spiked Amount	50.000	Range	92 - 112	Recovery	=	100.480%
62) 4-Bromofluorobenzene	11.079	95	88398	49.365	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	98.720%
Target Compounds						
					Qvalue	
30) Chloroform	5.105	83	2835	1.027	ug/l #	80
39) Methylcyclohexane	7.373	83	1898	0.713	ug/l #	61
40) Benzene	6.050	78	11292	1.850	ug/l	94
73) Isopropylbenzene	10.963	105	39611	6.275	ug/l	99
78) n-propylbenzene	11.305	91	3036	0.422	ug/l	100
85) sec-Butylbenzene	11.890	105	6423	1.022	ug/l	99
89) n-Butylbenzene	12.335	91	5072	1.121	ug/l #	88
95) Naphthalene	13.774	128	45912	8.382	ug/l	99

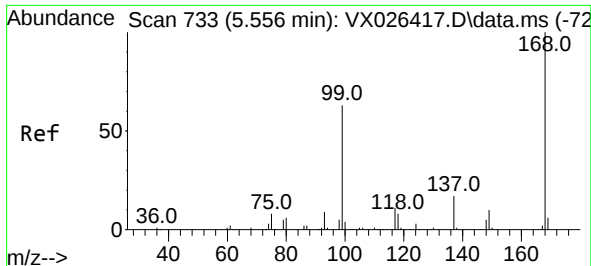
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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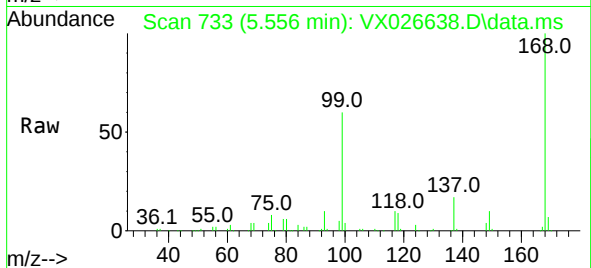
Quant Time: Jan 28 04:28:25 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration



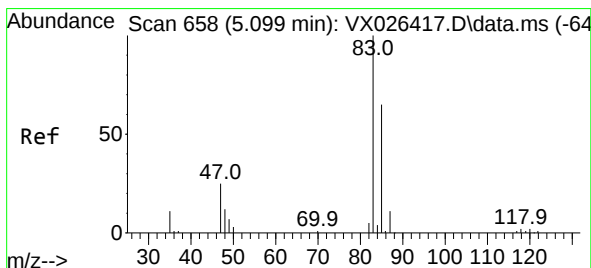
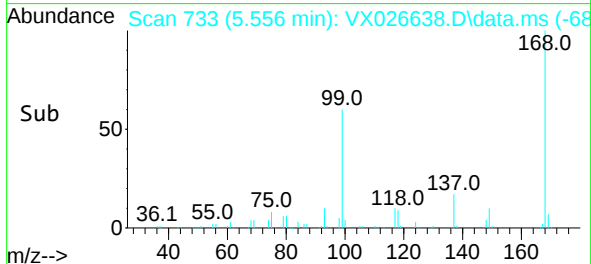
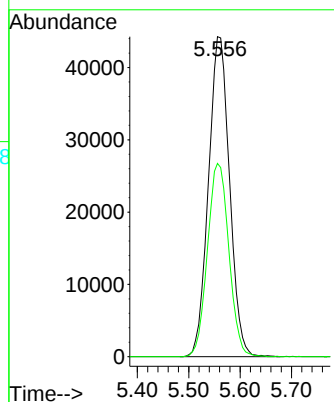


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. -0.000 min
Lab File: VX026638.D
Acq: 27 Jan 2022 20:30

Instrument :
MSVOA_X
ClientSampleId :
MW-14DB

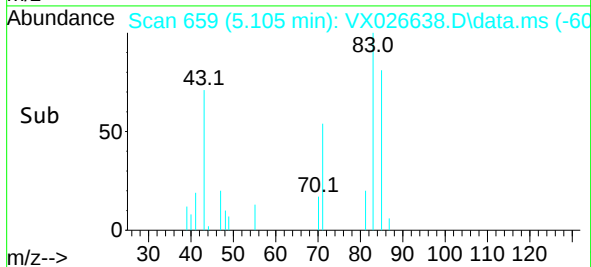
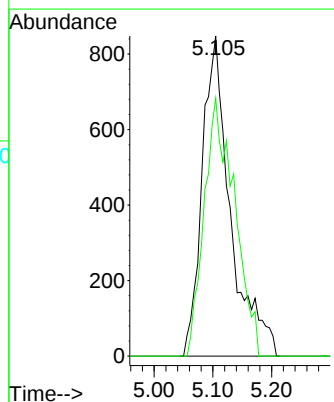
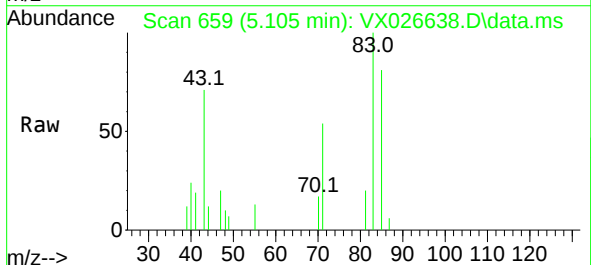


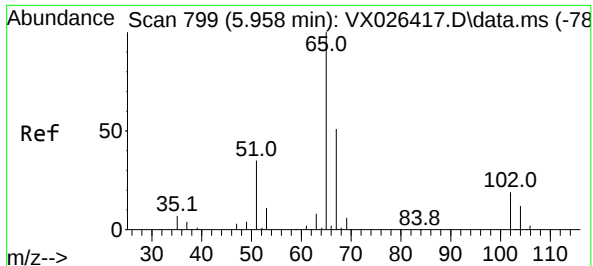
Tgt Ion:168 Resp: 126120
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#30
Chloroform
Concen: 1.027 ug/l
RT: 5.105 min Scan# 659
Delta R.T. 0.006 min
Lab File: VX026638.D
Acq: 27 Jan 2022 20:30

Tgt Ion: 83 Resp: 2835
Ion Ratio Lower Upper
83 100
85 80.5 51.6 77.4#

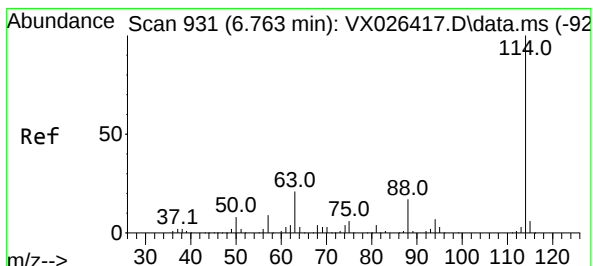
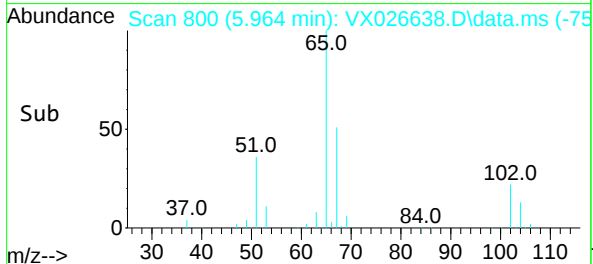
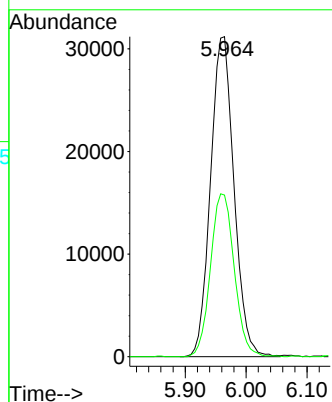
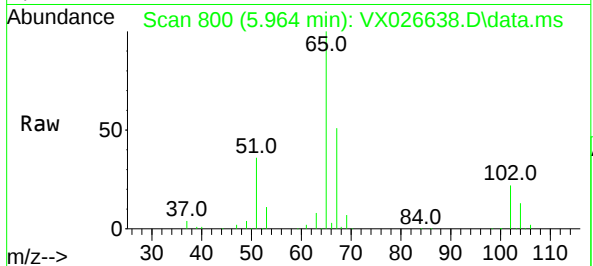




#33
 1,2-Dichloroethane-d4
 Concen: 47.293 ug/l
 RT: 5.964 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: VX026638.D
 Acq: 27 Jan 2022 20:30

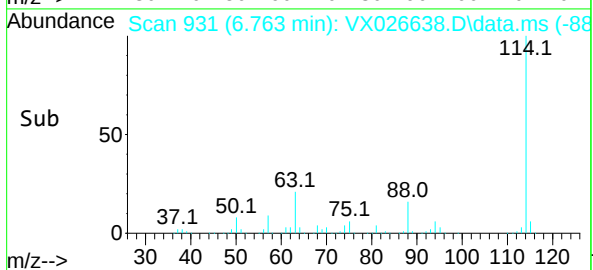
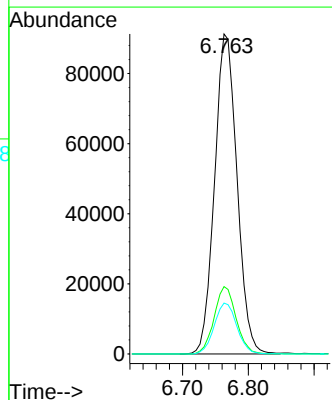
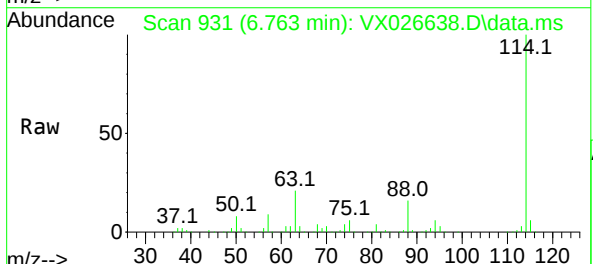
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-14DB

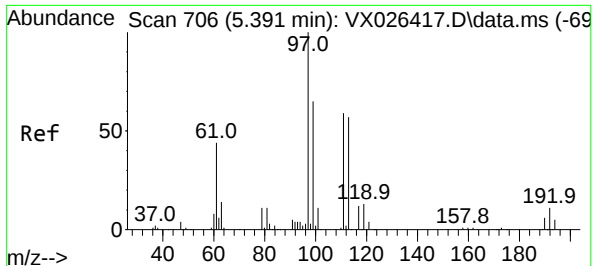
Tgt Ion: 65 Resp: 83321
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.763 min Scan# 931
 Delta R.T. 0.000 min
 Lab File: VX026638.D
 Acq: 27 Jan 2022 20:30

Tgt Ion: 114 Resp: 216619
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.9 0.0 33.0





#35

Dibromofluoromethane

Concen: 48.347 ug/l

RT: 5.391 min Scan# 706

Delta R.T. 0.000 min

Lab File: VX026638.D

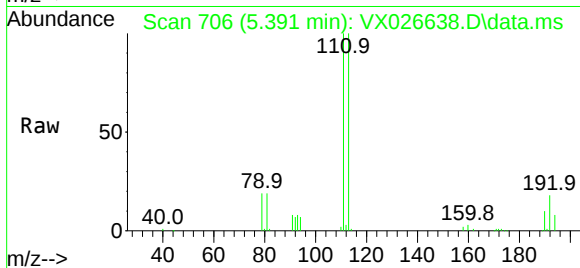
Acq: 27 Jan 2022 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DB



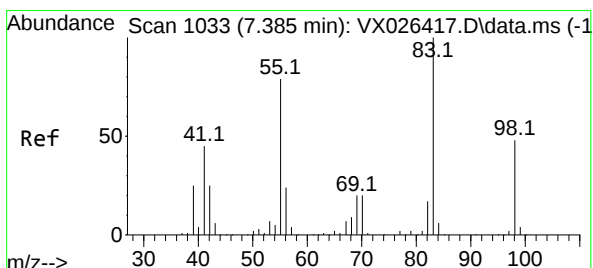
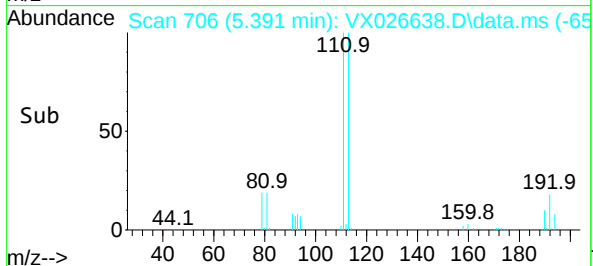
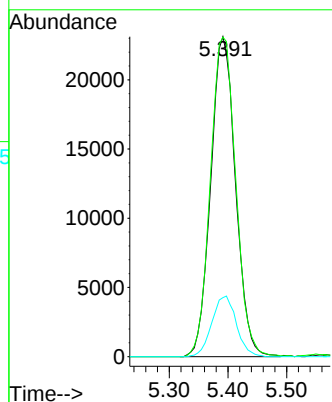
Tgt Ion:113 Resp: 67631

Ion Ratio Lower Upper

113 100

111 102.6 81.2 121.8

192 18.8 15.0 22.4



#39

Methylcyclohexane

Concen: 0.713 ug/l

RT: 7.373 min Scan# 1031

Delta R.T. -0.012 min

Lab File: VX026638.D

Acq: 27 Jan 2022 20:30

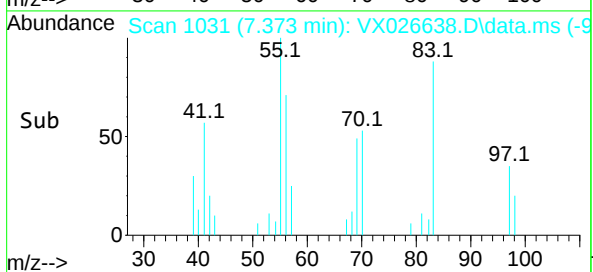
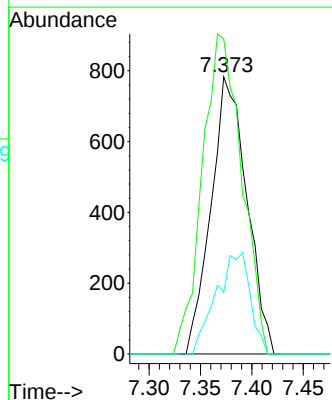
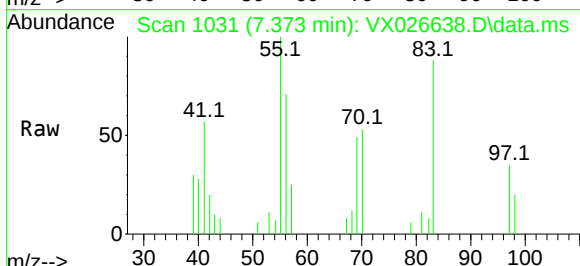
Tgt Ion: 83 Resp: 1898

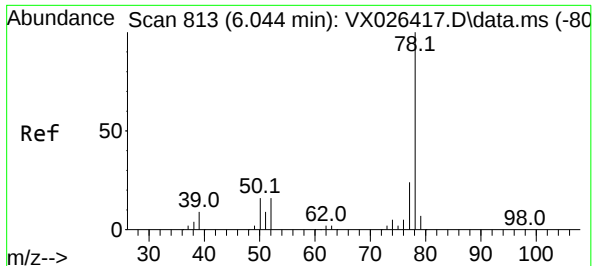
Ion Ratio Lower Upper

83 100

55 113.7 63.6 95.4#

98 22.2 38.4 57.6#





#40

Benzene

Concen: 1.850 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX026638.D

Acq: 27 Jan 2022 20:30

Instrument :

MSVOA_X

ClientSampleId :

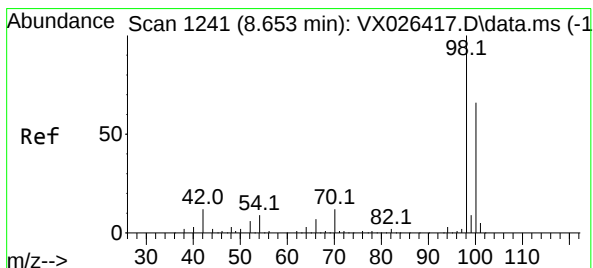
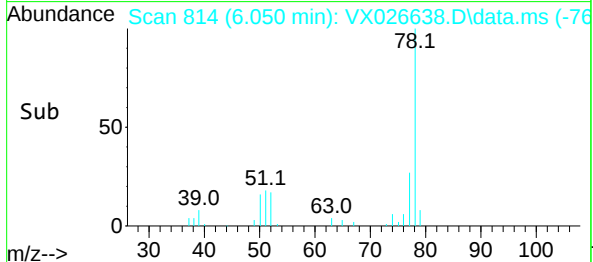
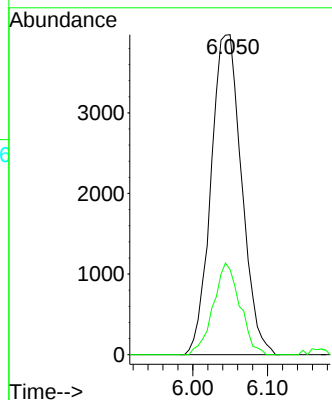
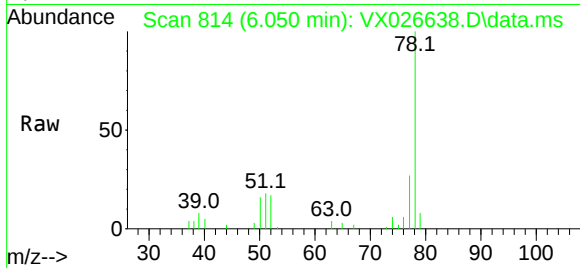
MW-14DB

Tgt Ion: 78 Resp: 11292

Ion Ratio Lower Upper

78 100

77 26.6 18.9 28.3



#50

Toluene-d8

Concen: 50.241 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026638.D

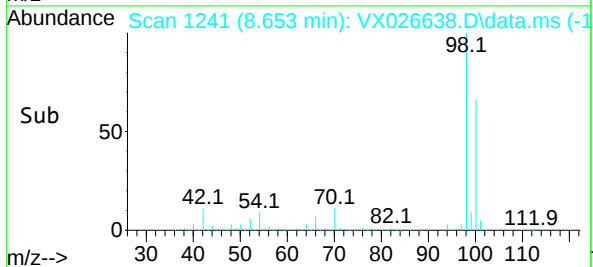
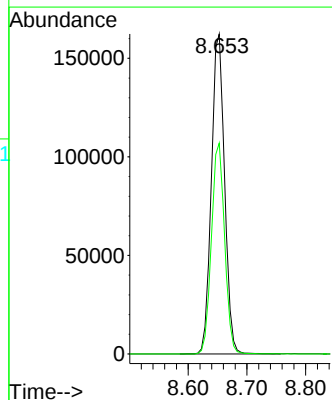
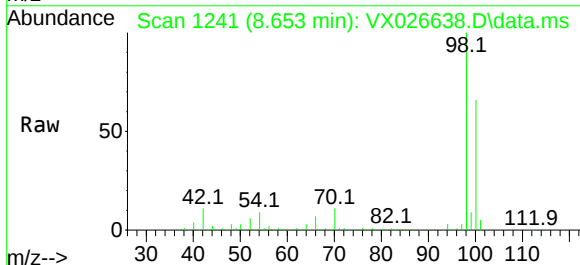
Acq: 27 Jan 2022 20:30

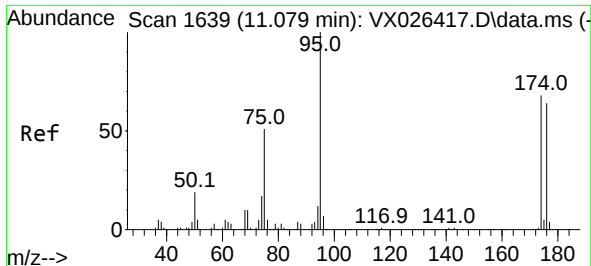
Tgt Ion: 98 Resp: 253260

Ion Ratio Lower Upper

98 100

100 65.8 53.2 79.8

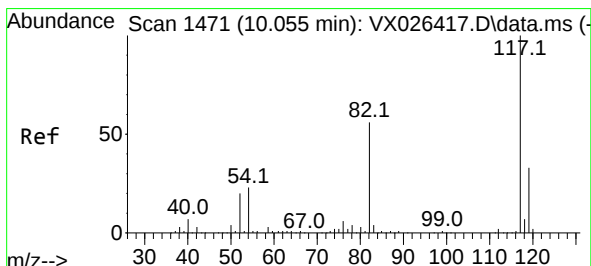
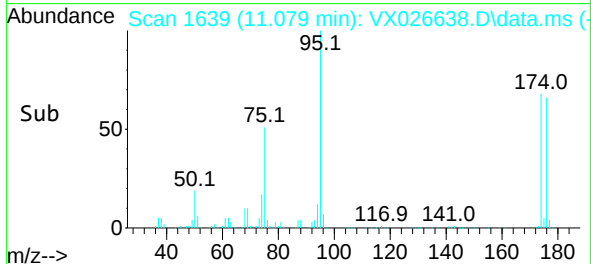
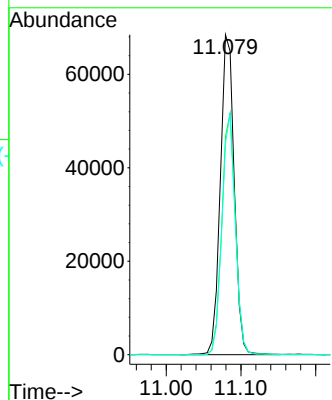
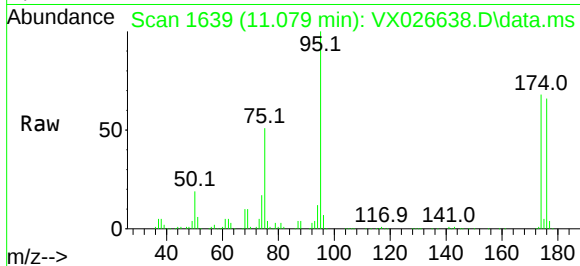




#62
4-Bromofluorobenzene
Concen: 49.365 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. 0.000 min
Lab File: VX026638.D
Acq: 27 Jan 2022 20:30

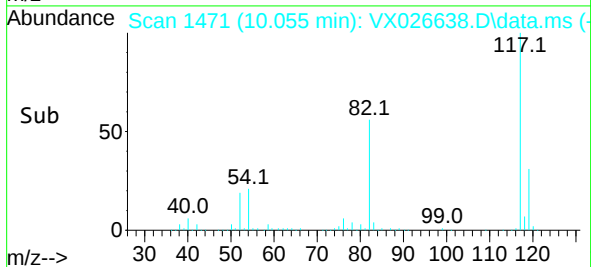
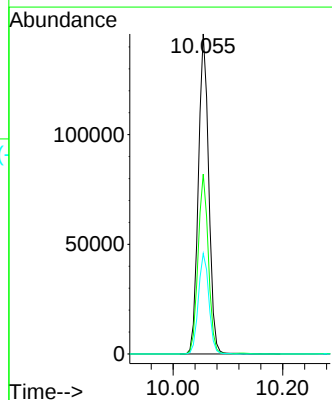
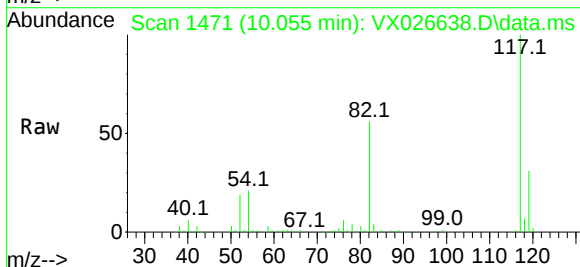
Instrument :
MSVOA_X
ClientSampleId :
MW-14DB

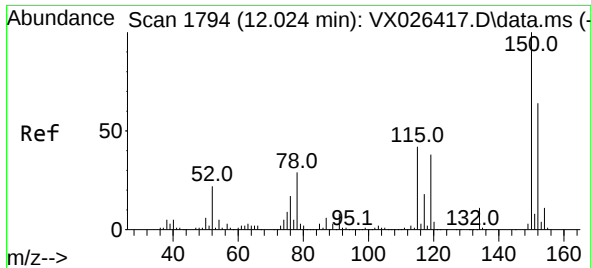
Tgt Ion: 95 Resp: 88398
Ion Ratio Lower Upper
95 100
174 74.0 0.0 148.6
176 72.0 0.0 141.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX026638.D
Acq: 27 Jan 2022 20:30

Tgt Ion: 117 Resp: 192203
Ion Ratio Lower Upper
117 100
82 56.2 45.2 67.8
119 31.4 26.2 39.2

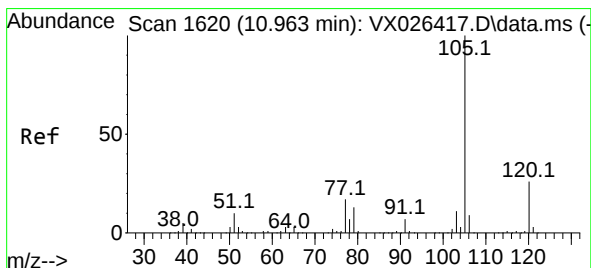
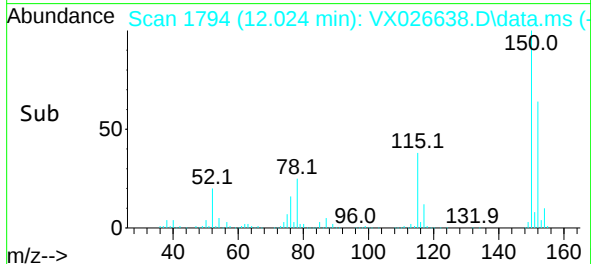
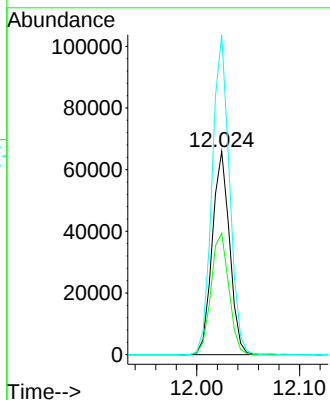
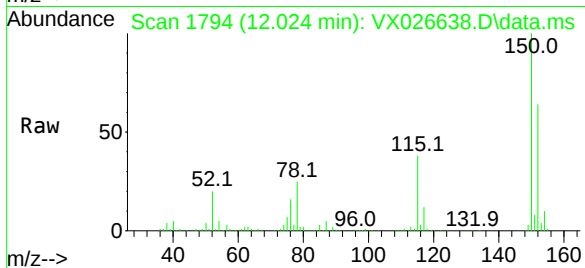




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.024 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: VX026638.D
 Acq: 27 Jan 2022 20:30

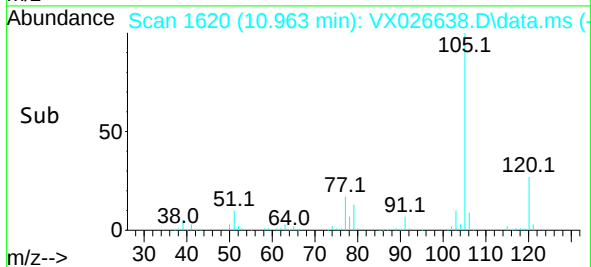
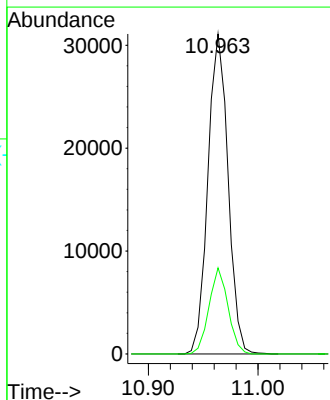
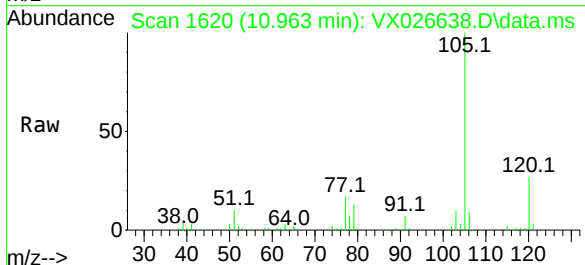
Instrument :
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 MW-14DB

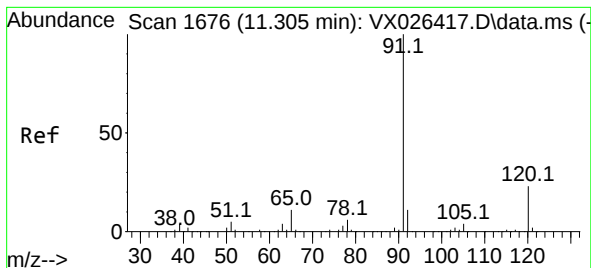
Tgt Ion:152 Resp: 77008
 Ion Ratio Lower Upper
 152 100
 115 61.6 44.2 132.6
 150 157.6 0.0 348.2



#73
 Isopropylbenzene
 Concen: 6.275 ug/l
 RT: 10.963 min Scan# 1620
 Delta R.T. 0.000 min
 Lab File: VX026638.D
 Acq: 27 Jan 2022 20:30

Tgt Ion:105 Resp: 39611
 Ion Ratio Lower Upper
 105 100
 120 25.4 13.1 39.1





#78

n-propylbenzene

Concen: 0.422 ug/l

RT: 11.305 min Scan# 1676

Delta R.T. 0.000 min

Lab File: VX026638.D

Acq: 27 Jan 2022 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DB

Tgt Ion: 91 Resp: 3030

Ion Ratio Lower Upper

91 100

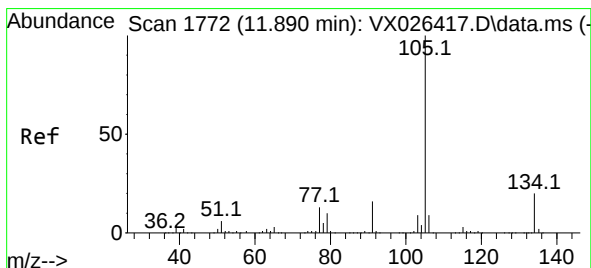
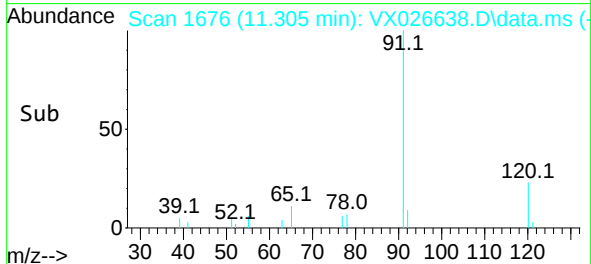
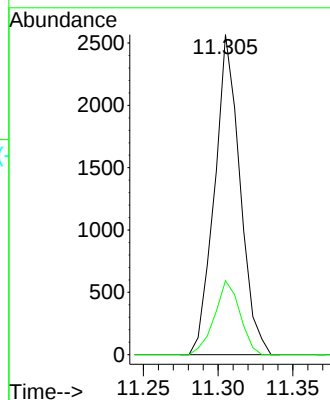
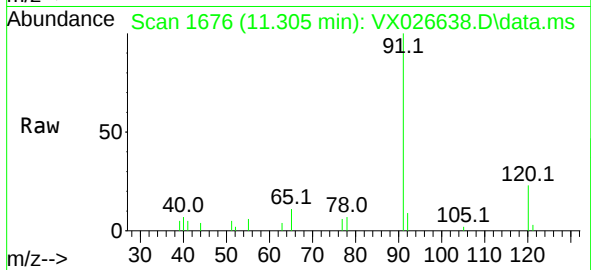
120 23.0 11.6 34.7

Manual Integrations

APPROVED

Reviewed By :John Carlone 01/28/2022

Supervised By :Mahesh Dadoda 01/28/2022



#85

sec-Butylbenzene

Concen: 1.022 ug/l

RT: 11.890 min Scan# 1772

Delta R.T. 0.000 min

Lab File: VX026638.D

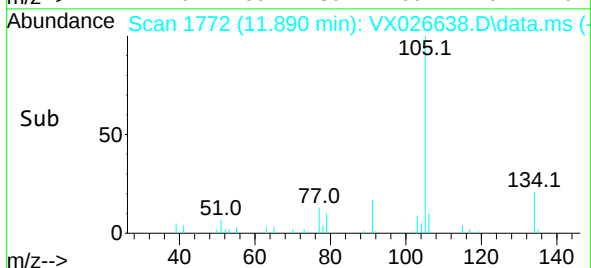
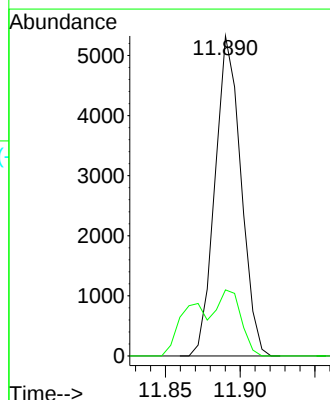
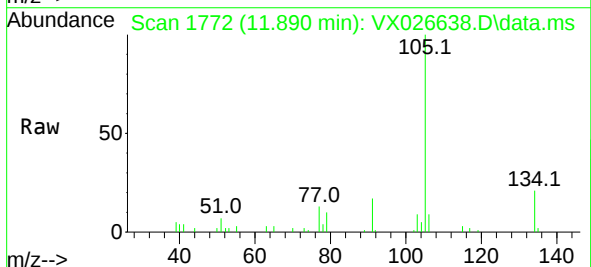
Acq: 27 Jan 2022 20:30

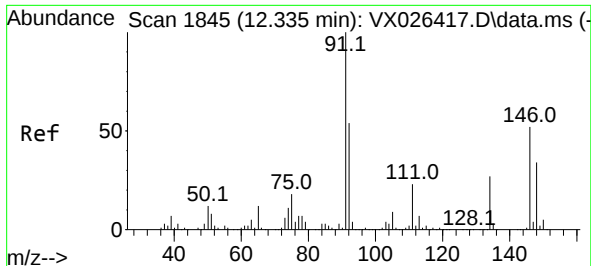
Tgt Ion:105 Resp: 6423

Ion Ratio Lower Upper

105 100

134 19.8 10.1 30.1





#89

n-Butylbenzene

Concen: 1.121 ug/l

RT: 12.335 min Scan# 1845

Delta R.T. 0.000 min

Lab File: VX026638.D

Acq: 27 Jan 2022 20:30

Instrument :

MSVOA_X

ClientSampleId :

MW-14DB

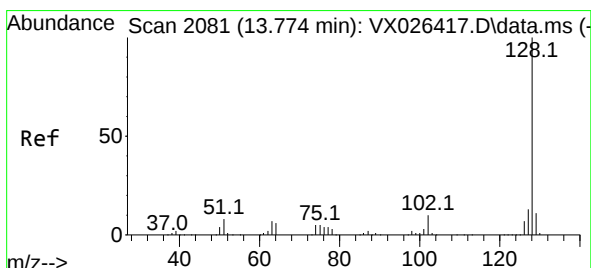
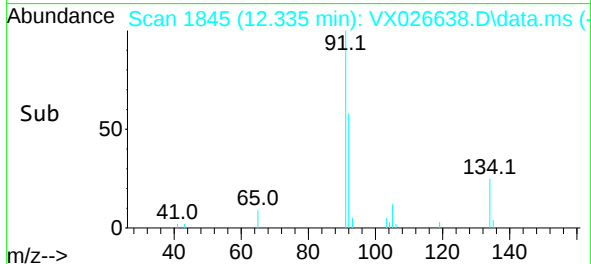
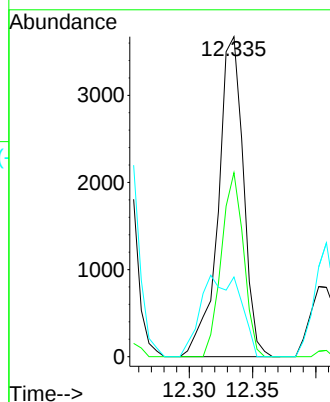
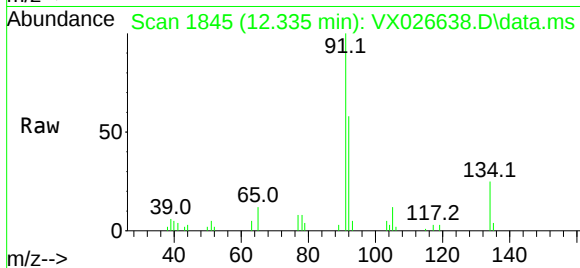
Tgt Ion: 91 Resp: 5072

Ion Ratio Lower Upper

91 100

92 50.7 27.2 81.6

134 40.2 13.1 39.1#



#95

Naphthalene

Concen: 8.382 ug/l

RT: 13.774 min Scan# 2081

Delta R.T. 0.000 min

Lab File: VX026638.D

Acq: 27 Jan 2022 20:30

Tgt Ion:128 Resp: 45912

Ion Ratio Lower Upper

128 100

127 13.2 10.3 15.5

129 11.3 8.7 13.1

