

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
 Data File : VX028656.D
 Acq On : 12 May 2022 22:19
 Operator : JC/MD
 Sample : N2799-10
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-10R

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/13/2022
 Supervised By : Mahesh Dadoda 05/13/2022

Quant Time: May 13 02:50:22 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
 Quant Title : SW846 8260
 QLast Update : Thu May 12 14:58:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	227416	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.769	114	420585	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	411695	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	204112	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	5.958	65	164717	52.839	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 105.680%	
35) Dibromofluoromethane	5.391	113	139567	50.648	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 101.300%	
50) Toluene-d8	8.653	98	521349	50.182	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 100.360%	
62) 4-Bromofluorobenzene	11.079	95	205992	53.085	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 106.160%	

Target Compounds

						Qvalue
16) Acetone	2.367	43	4289m	3.206	ug/l	
17) Carbon Disulfide	2.520	76	1715	0.281	ug/l	# 94
31) Cyclohexane	5.477	56	77034	17.803	ug/l	96
39) Methylcyclohexane	7.385	83	76795	16.179	ug/l	90
40) Benzene	6.043	78	105770	8.892	ug/l	100
52) Toluene	8.720	92	40176	5.251	ug/l	98
67) Ethyl Benzene	10.195	91	2482455	158.577	ug/l	98
68) m/p-Xylenes	10.305	106	381661	62.621	ug/l	98
69) o-Xylene	10.646	106	85439	14.238	ug/l	98
73) Isopropylbenzene	10.963	105	375136	24.235	ug/l	99
78) n-propylbenzene	11.305	91	784005	43.788	ug/l	99
80) 1,3,5-Trimethylbenzene	11.451	105	192501	14.925	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	668902	51.718	ug/l	100
85) sec-Butylbenzene	11.890	105	53903	3.499	ug/l	97
86) p-Isopropyltoluene	12.012	119	13994m	1.083	ug/l	
89) n-Butylbenzene	12.335	91	74405	6.644	ug/l	# 57
95) Naphthalene	13.774	128	1719611	118.560	ug/l	99

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

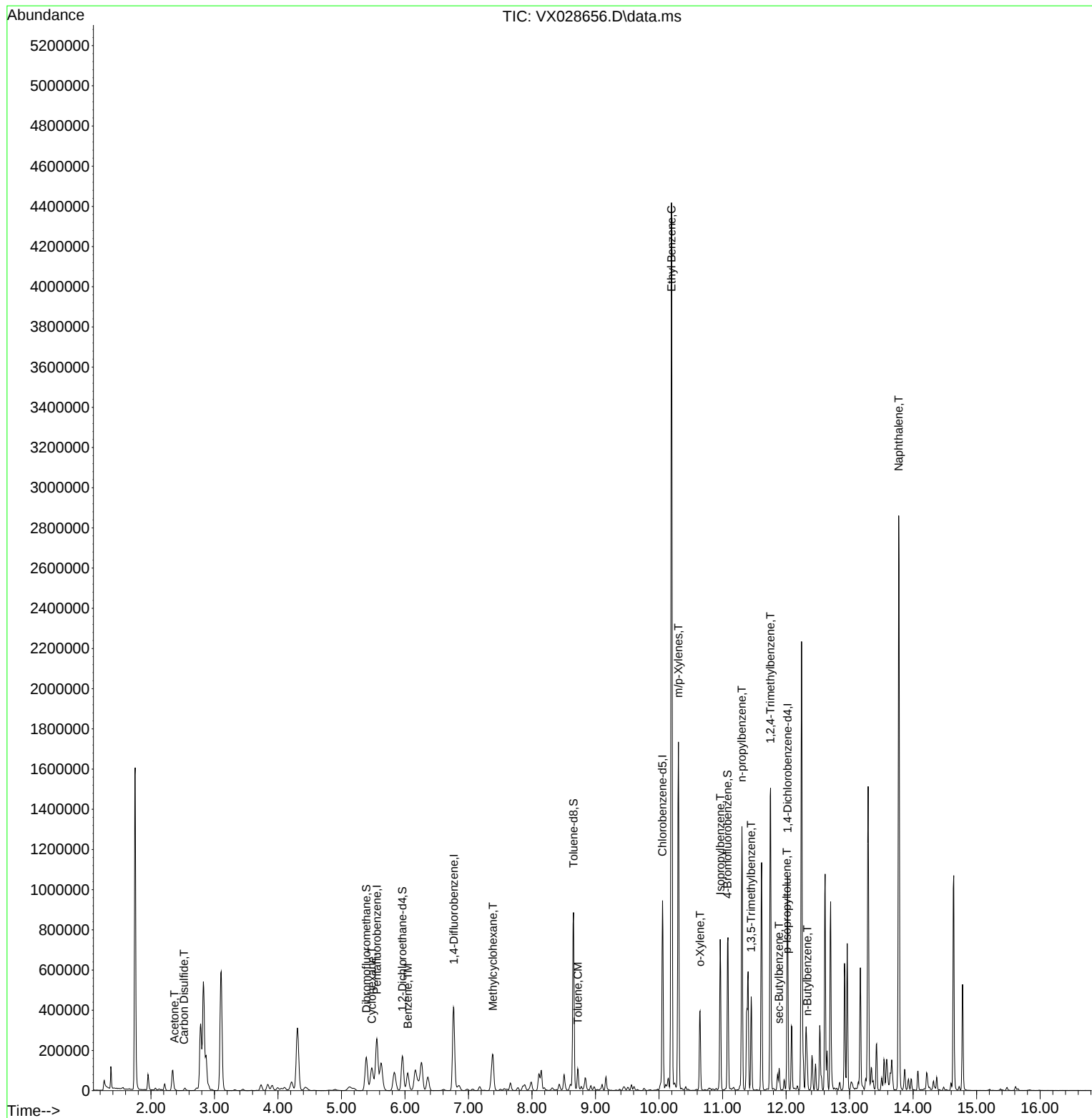
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051222\
Data File : VX028656.D
Acq On : 12 May 2022 22:19
Operator : JC/MD
Sample : N2799-10
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 39 Sample Multiplier: 1

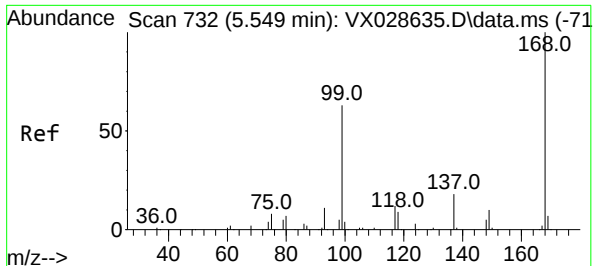
Instrument :
MSVOA_X
ClientSampleId :
MW-10R

Quant Time: May 13 02:50:22 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration

Manual Integrations
APPROVED

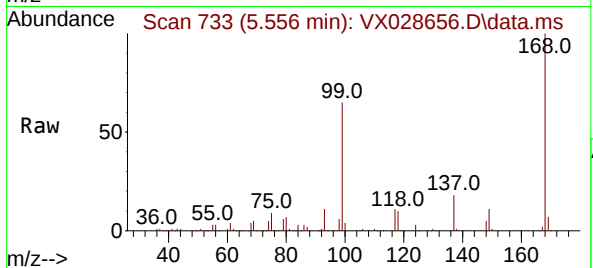
Reviewed By : John Carlone 05/13/2022
Supervised By : Mahesh Dadoda 05/13/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

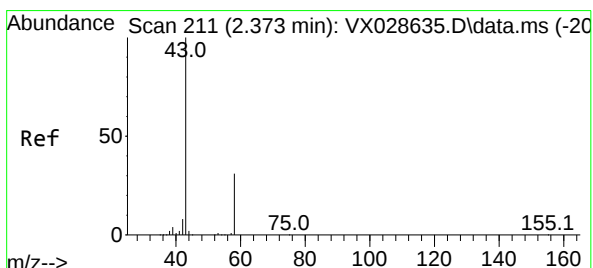
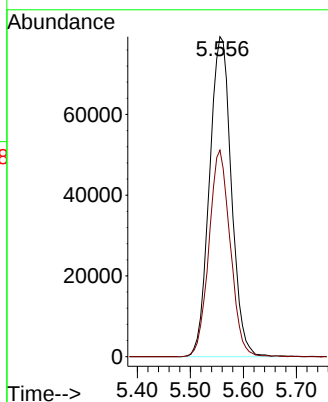
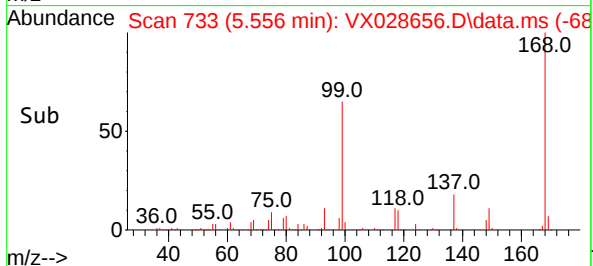
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



Tgt Ion:168 Resp: 227410
Ion Ratio Lower Upper
168 100
99 64.6 41.7 62.5

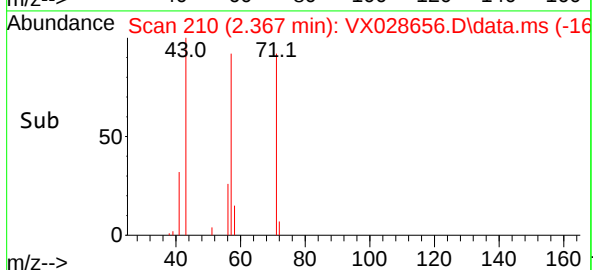
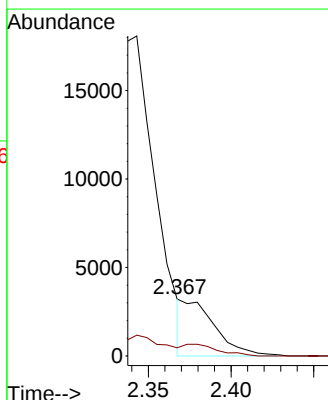
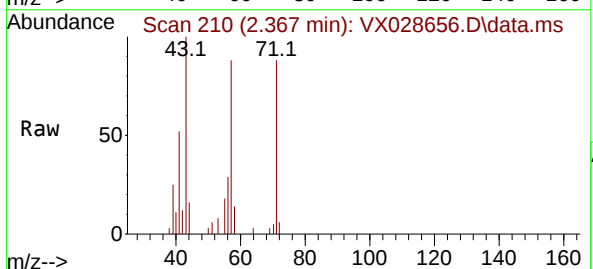
Manual Integrations
APPROVED

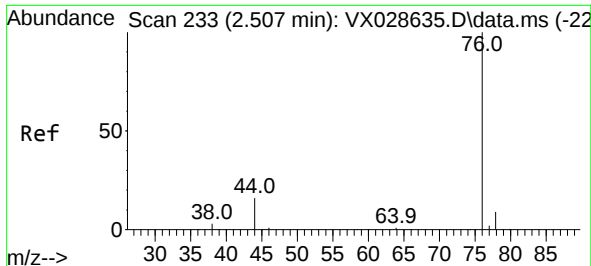
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#16
Acetone
Concen: 3.206 ug/l m
RT: 2.367 min Scan# 210
Delta R.T. -0.006 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

Tgt Ion: 43 Resp: 4289
Ion Ratio Lower Upper
43 100
58 14.3 28.8 43.2#





#17

Carbon Disulfide

Concen: 0.281 ug/l

RT: 2.520 min Scan# 21

Delta R.T. 0.013 min

Lab File: VX028656.D

Acq: 12 May 2022 22:19

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

Tgt Ion: 76 Resp: 171

Ion Ratio Lower Upper

76 100

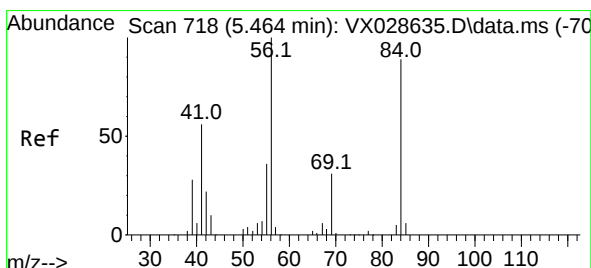
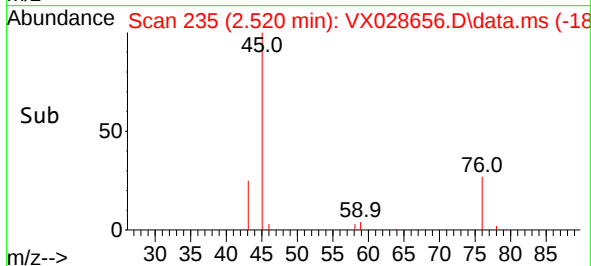
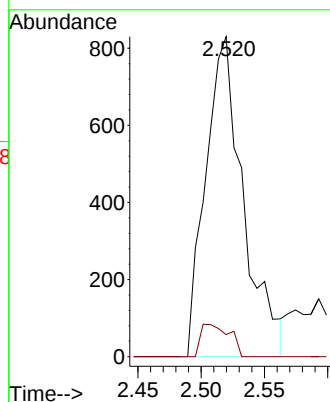
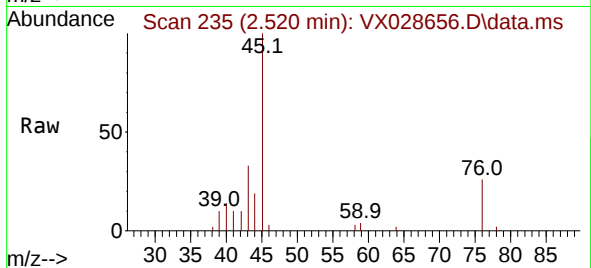
78 6.9 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#31

Cyclohexane

Concen: 17.803 ug/l

RT: 5.477 min Scan# 720

Delta R.T. 0.013 min

Lab File: VX028656.D

Acq: 12 May 2022 22:19

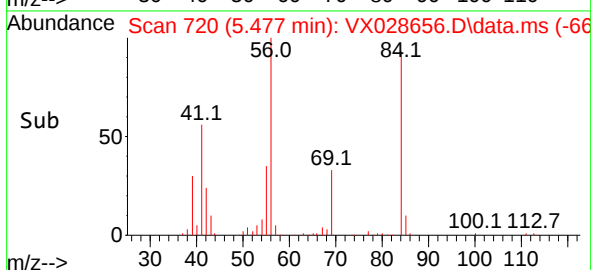
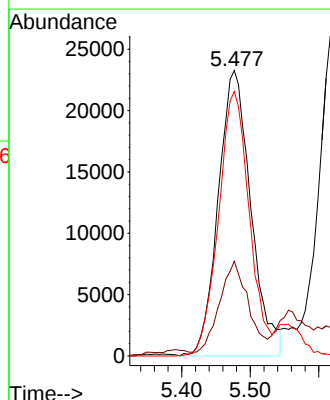
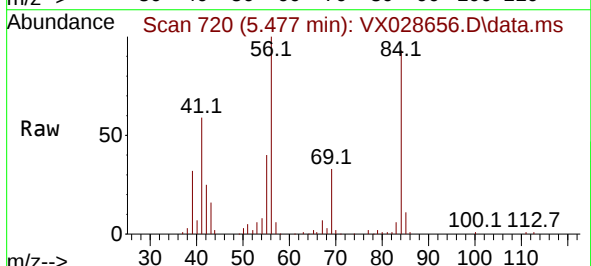
Tgt Ion: 56 Resp: 77034

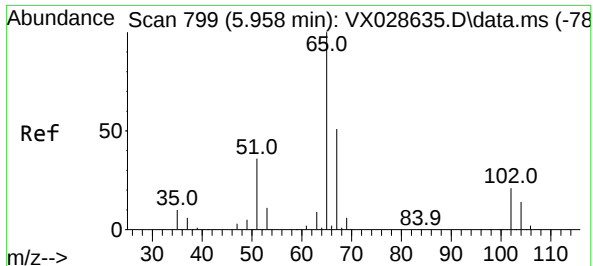
Ion Ratio Lower Upper

56 100

69 31.2 26.7 40.1

84 92.5 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 52.839 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028656.D

Acq: 12 May 2022 22:19

Instrument :

MSVOA_X

ClientSampleId :

MW-10R

Tgt Ion: 65 Resp: 16471

Ion Ratio Lower Upper

65 100

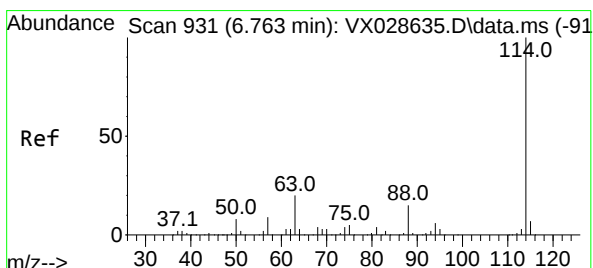
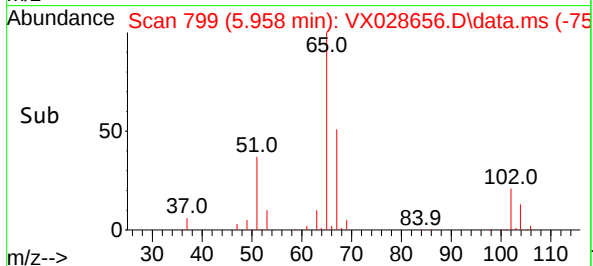
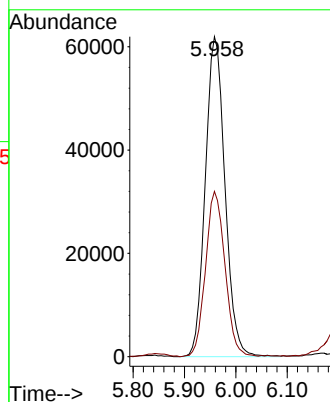
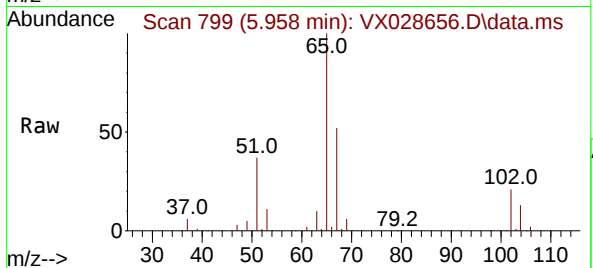
67 51.1 0.0 107.4

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX028656.D

Acq: 12 May 2022 22:19

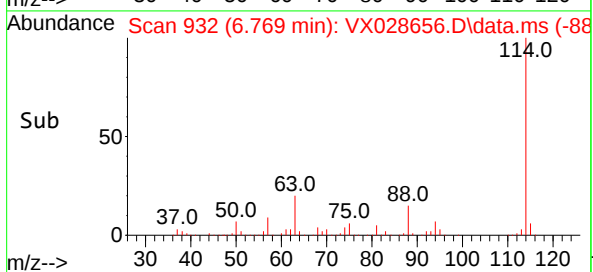
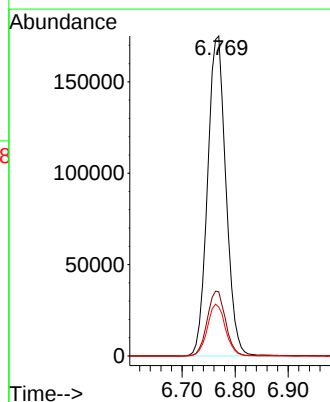
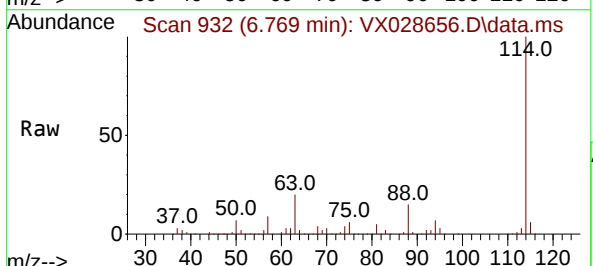
Tgt Ion:114 Resp: 420585

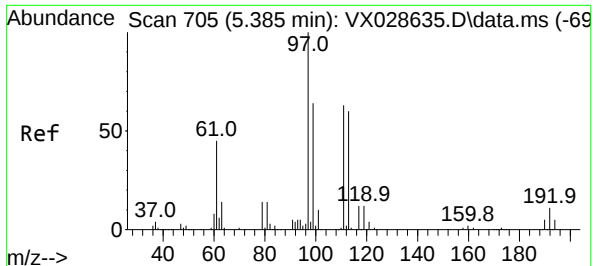
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.8

88 15.3 0.0 32.4





#35

Dibromofluoromethane

Concen: 50.648 ug/l

RT: 5.391 min Scan# 705

Delta R.T. 0.006 min

Lab File: VX028656.D

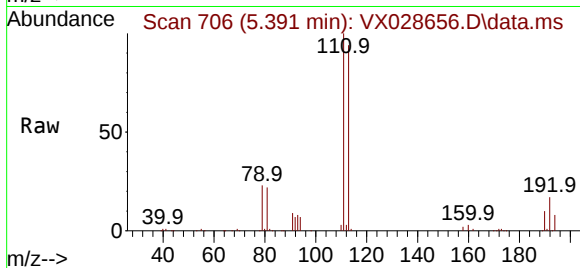
Acq: 12 May 2022 22:19

Instrument :

MSVOA_X

ClientSampleId :

MW-10R



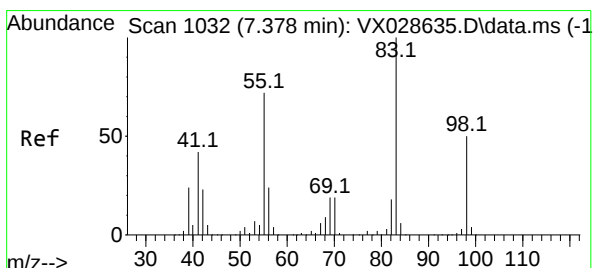
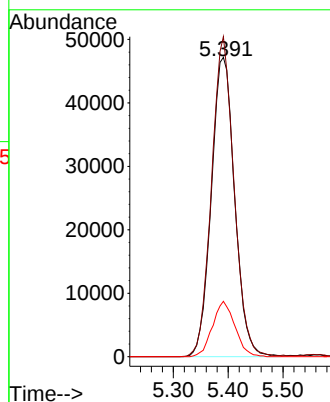
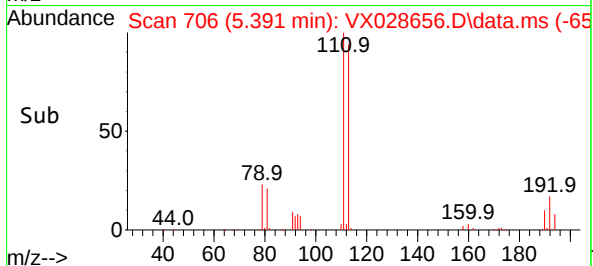
Tgt Ion:	113	Resp:	13956
Ion Ratio	Lower	Upper	
113	100		
111	102.9	82.8	124.2
192	17.8	16.9	25.3

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/13/2022

Supervised By :Mahesh Dadoda 05/13/2022



#39

Methylcyclohexane

Concen: 16.179 ug/l

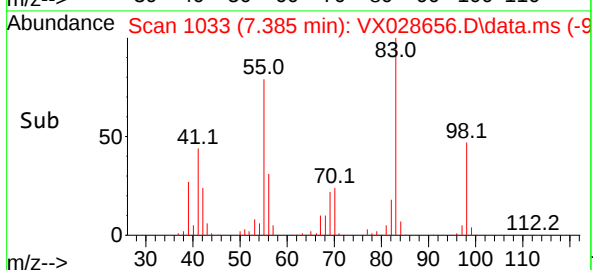
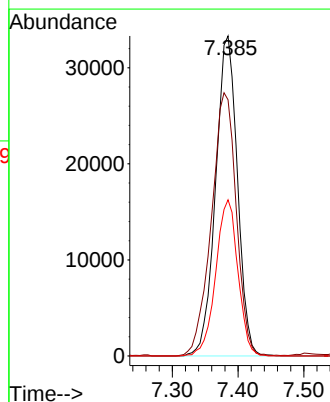
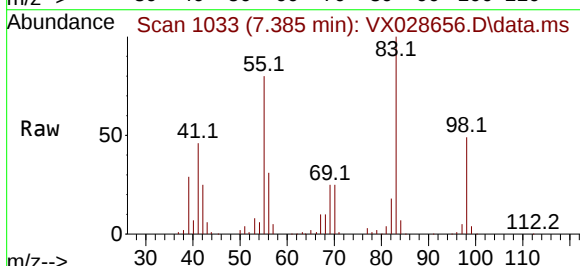
RT: 7.385 min Scan# 1033

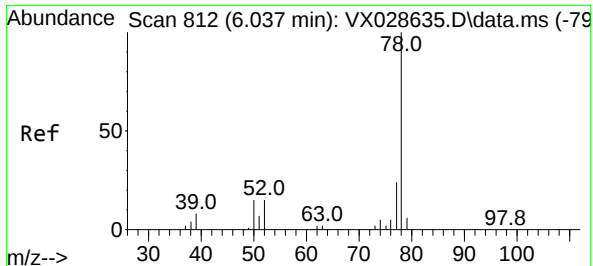
Delta R.T. 0.007 min

Lab File: VX028656.D

Acq: 12 May 2022 22:19

Tgt Ion:	83	Resp:	76795
Ion Ratio	Lower	Upper	
83	100		
55	79.9	54.6	81.8
98	48.8	37.4	56.2





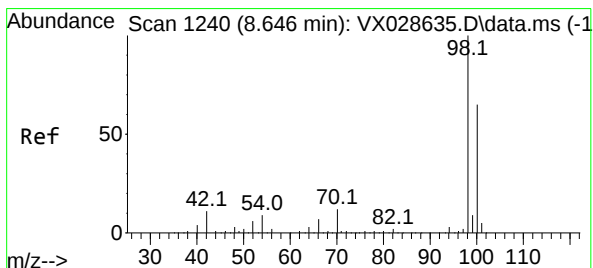
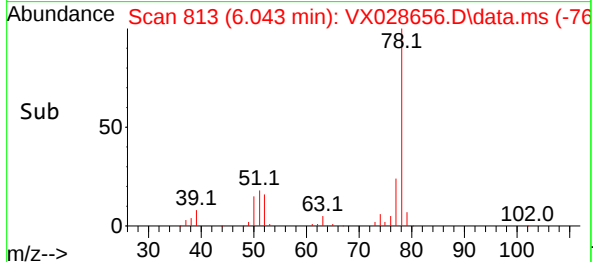
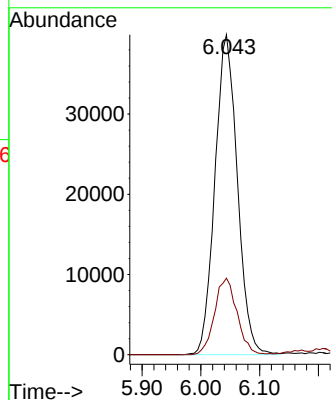
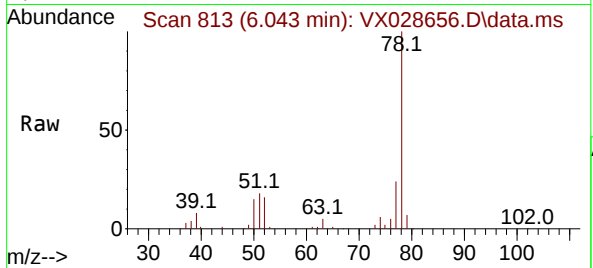
#40
Benzene
Concen: 8.892 ug/l
RT: 6.043 min Scan# 812
Delta R.T. 0.006 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

Instrument :
MSVOA_X
ClientSampleId :
MW-10R

Tgt Ion: 78 Resp: 105770
Ion Ratio Lower Upper
78 100
77 23.9 19.3 28.9

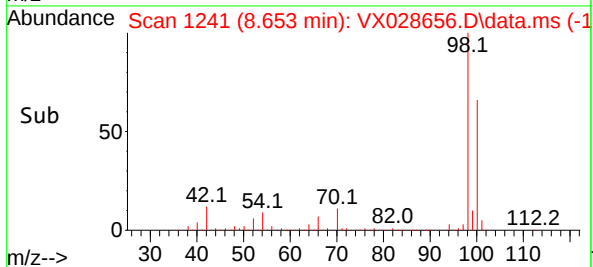
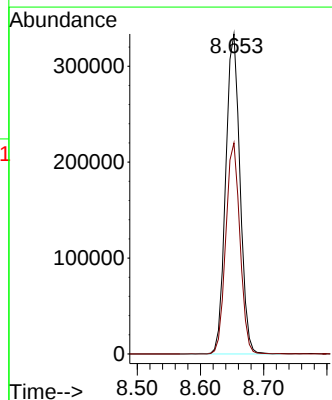
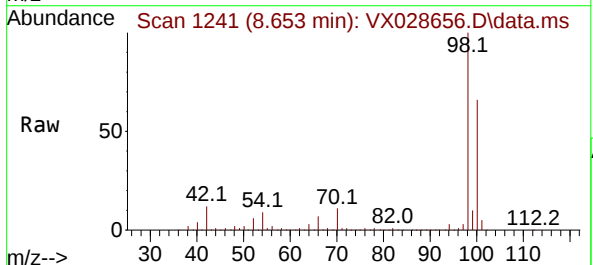
Manual Integrations
APPROVED

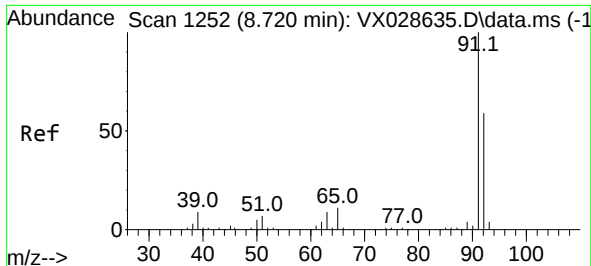
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#50
Toluene-d8
Concen: 50.182 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

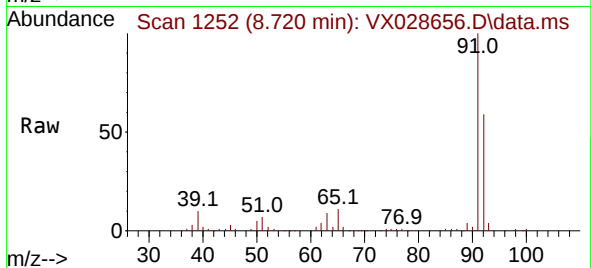
Tgt Ion: 98 Resp: 521349
Ion Ratio Lower Upper
98 100
100 65.3 52.6 78.8





#52
Toluene
Concen: 5.251 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

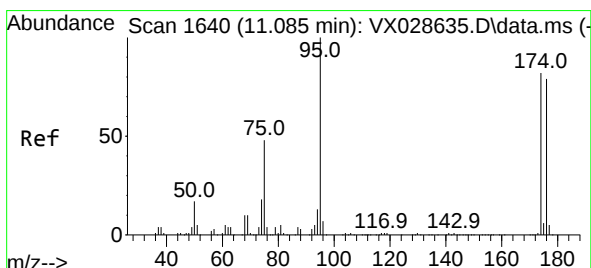
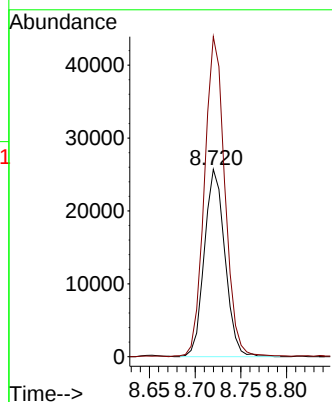
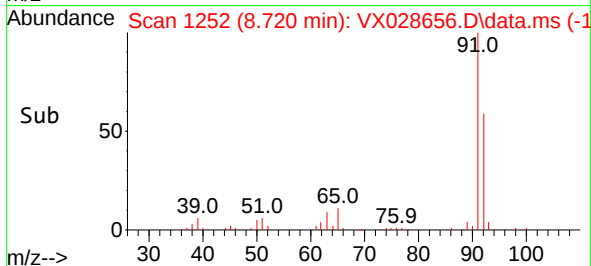
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



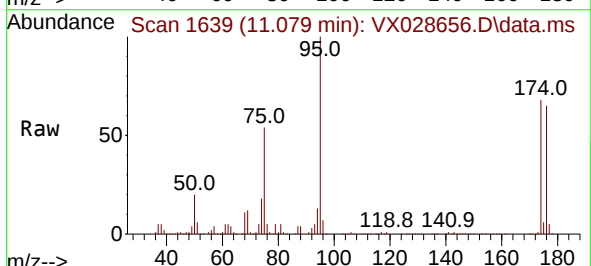
Tgt Ion: 92 Resp: 40170
Ion Ratio Lower Upper
92 100
91 169.8 137.5 206.3

Manual Integrations
APPROVED

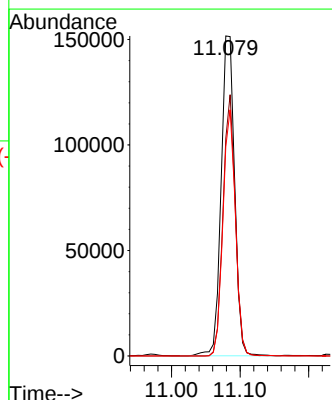
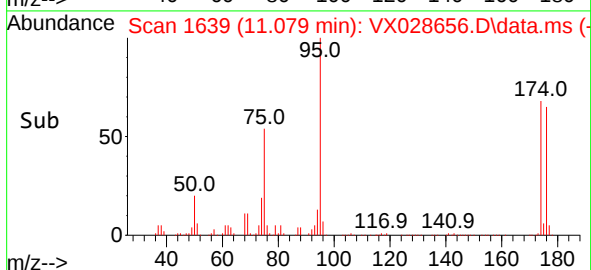
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

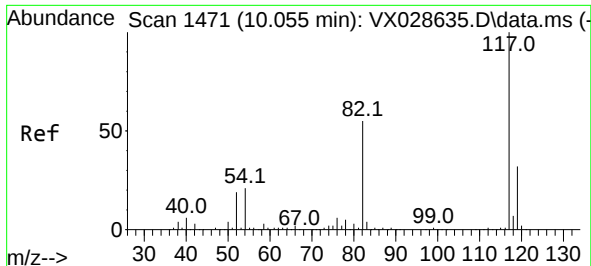


#62
4-Bromofluorobenzene
Concen: 53.085 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



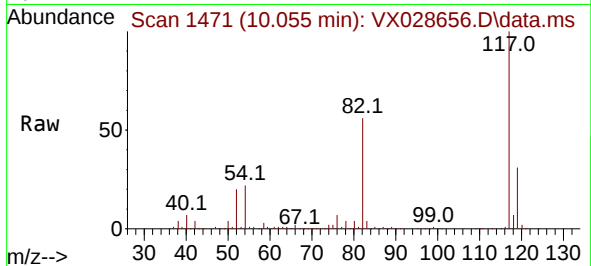
Tgt Ion: 95 Resp: 205992
Ion Ratio Lower Upper
95 100
174 74.5 0.0 163.0
176 71.4 0.0 155.0





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

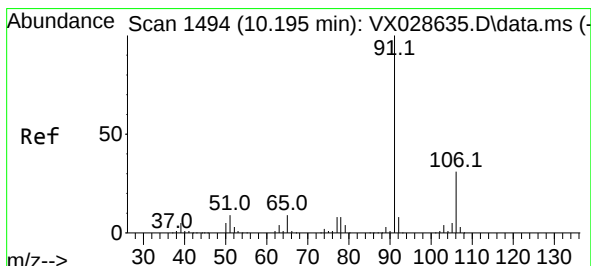
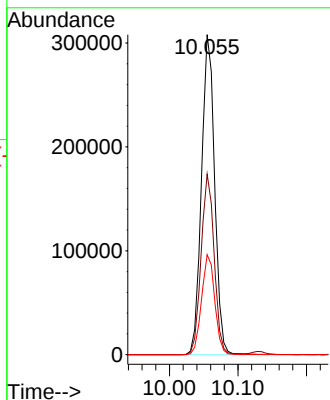
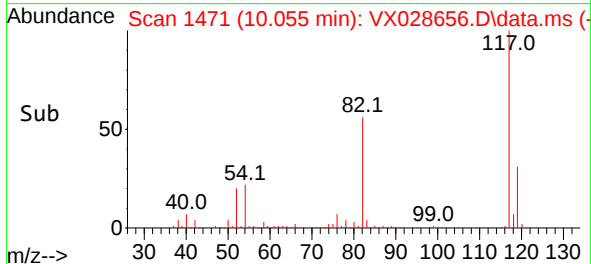
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



Tgt Ion:117 Resp: 411695
Ion Ratio Lower Upper
117 100
82 56.5 41.8 62.8
119 31.3 24.8 37.2

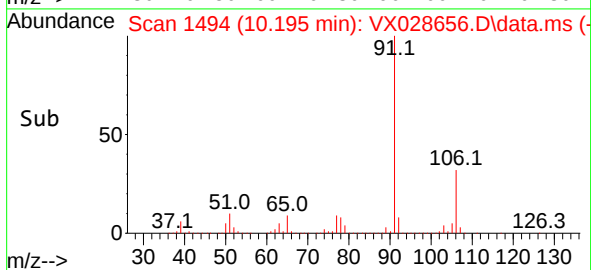
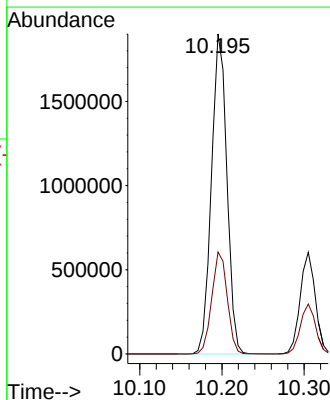
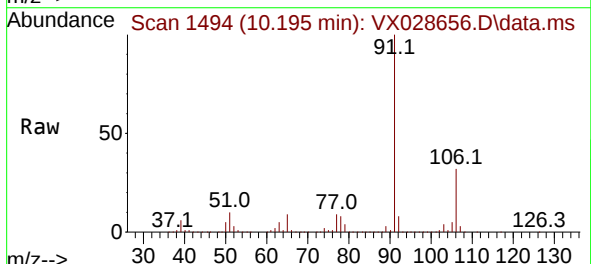
Manual Integrations
APPROVED

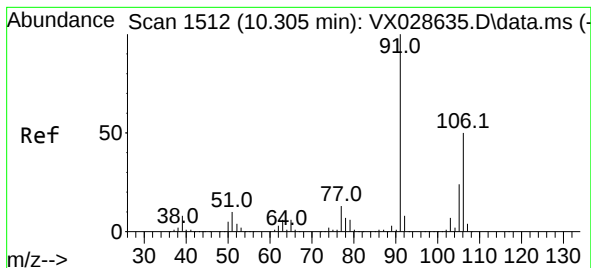
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022



#67
Ethyl Benzene
Concen: 158.577 ug/l
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

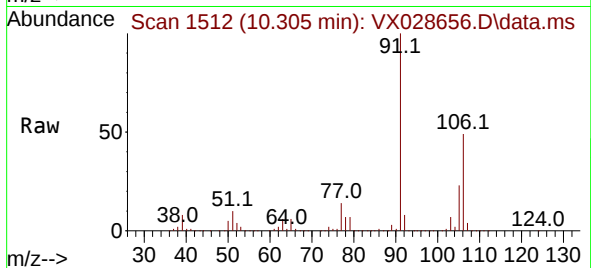
Tgt Ion: 91 Resp: 2482455
Ion Ratio Lower Upper
91 100
106 31.9 24.6 36.8





#68
m/p-Xylenes
Concen: 62.621 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

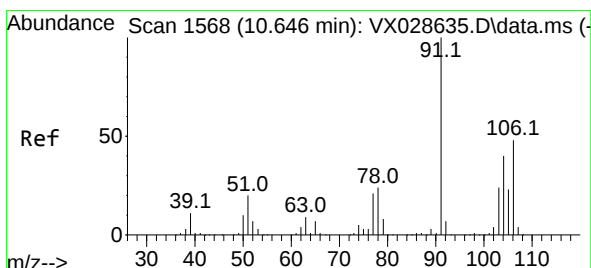
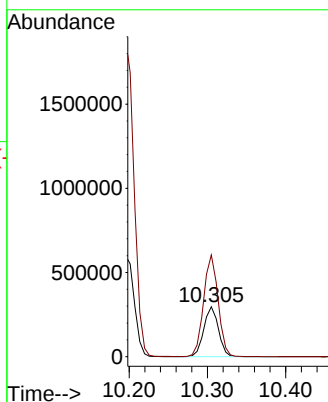
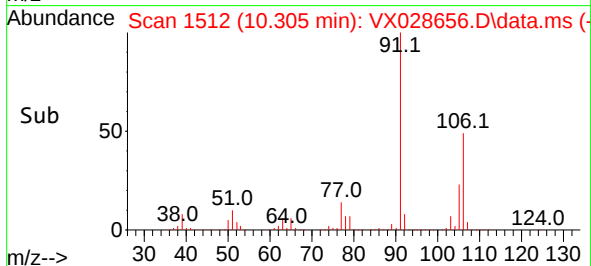
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



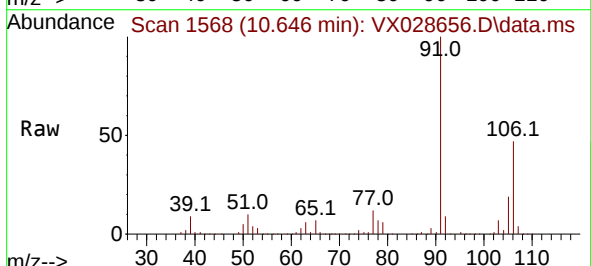
Tgt Ion:106 Resp: 38166
Ion Ratio Lower Upper
106 100
91 202.9 160.4 240.6

Manual Integrations
APPROVED

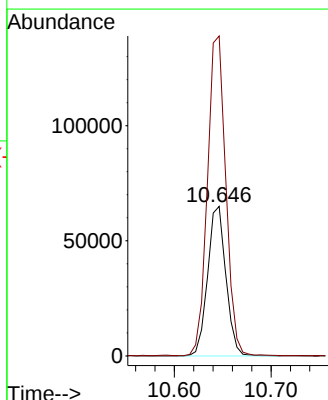
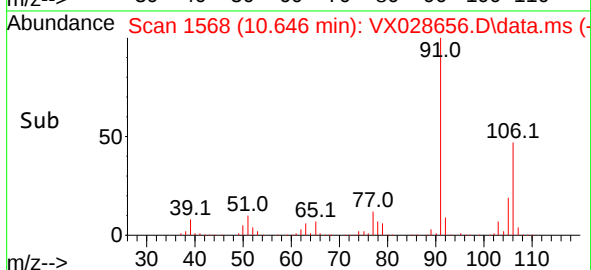
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

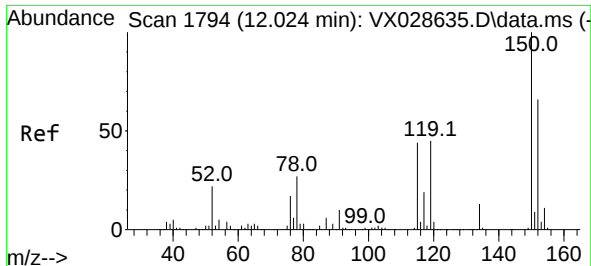


#69
o-Xylene
Concen: 14.238 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



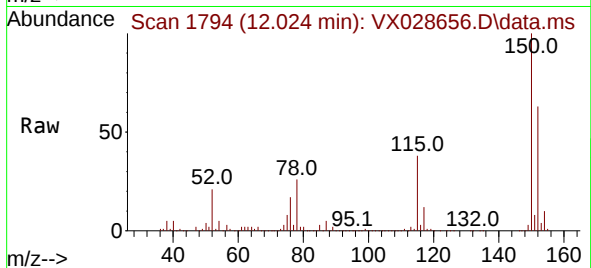
Tgt Ion:106 Resp: 85439
Ion Ratio Lower Upper
106 100
91 214.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

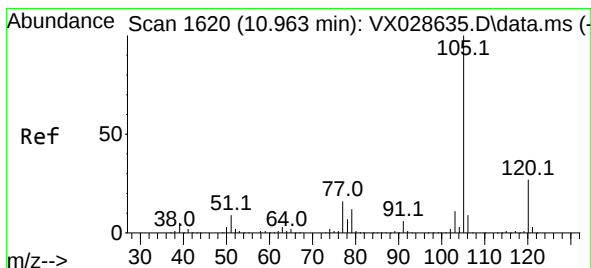
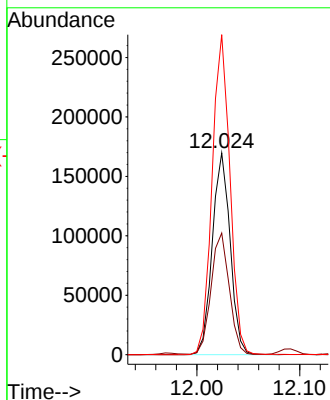
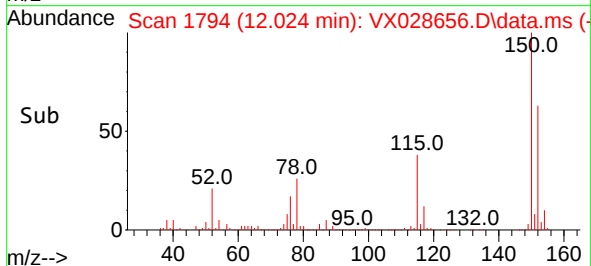
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



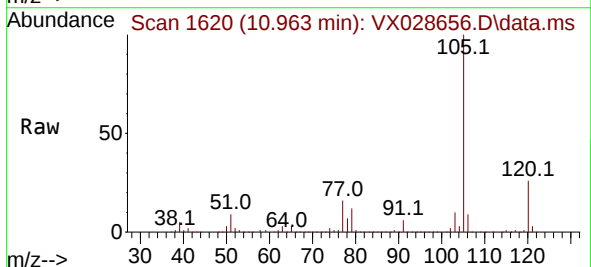
Tgt Ion:152 Resp: 20411
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 158.5 0.0 338.2

Manual Integrations
APPROVED

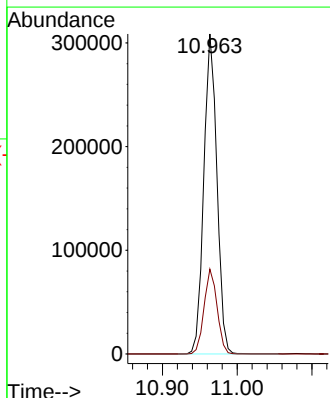
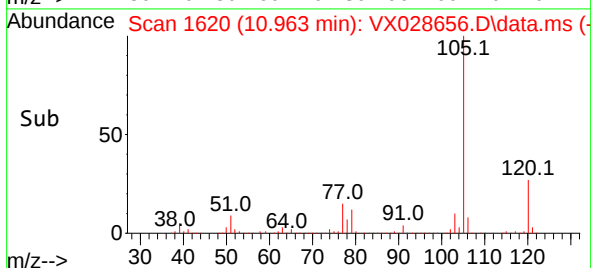
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

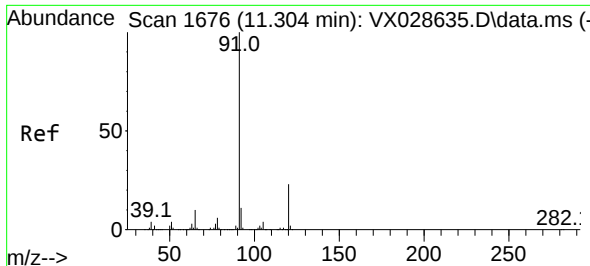


#73
Isopropylbenzene
Concen: 24.235 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



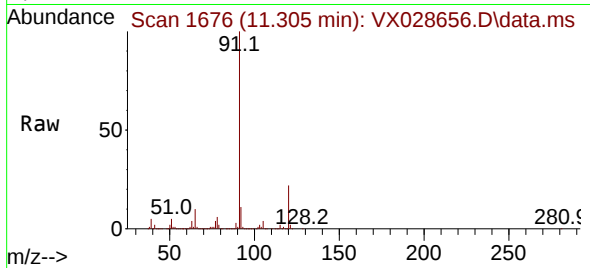
Tgt Ion:105 Resp: 375136
Ion Ratio Lower Upper
105 100
120 26.3 13.5 40.5





#78
n-propylbenzene
Concen: 43.788 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

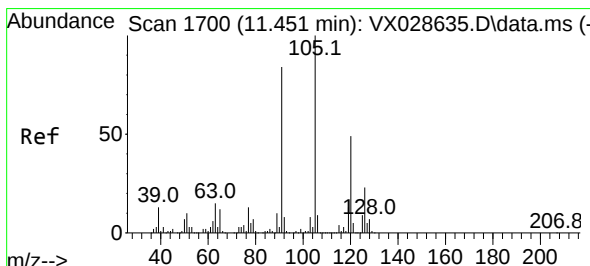
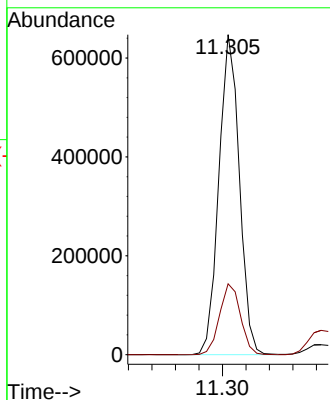
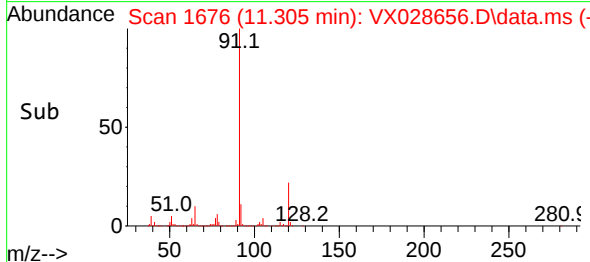
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



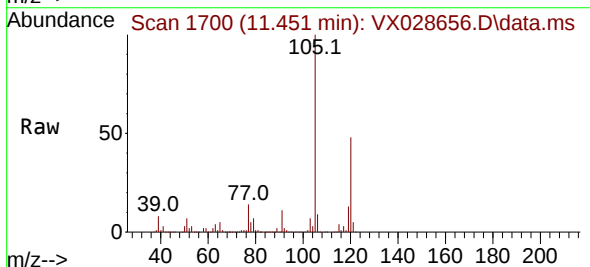
Tgt Ion: 91 Resp: 78400
Ion Ratio Lower Upper
91 100
120 22.6 11.6 34.8

Manual Integrations
APPROVED

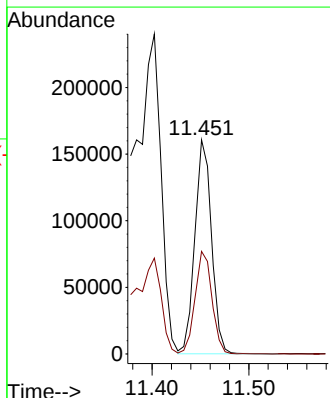
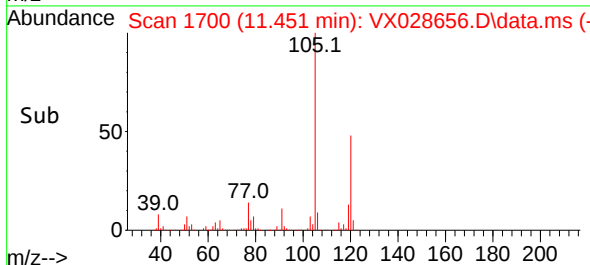
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

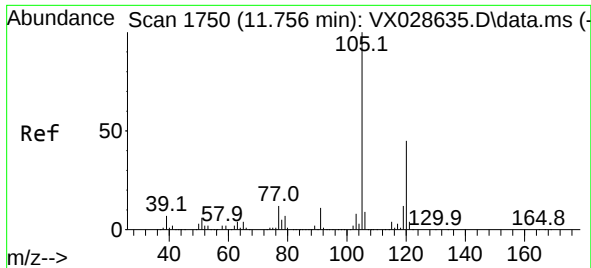


#80
1,3,5-Trimethylbenzene
Concen: 14.925 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



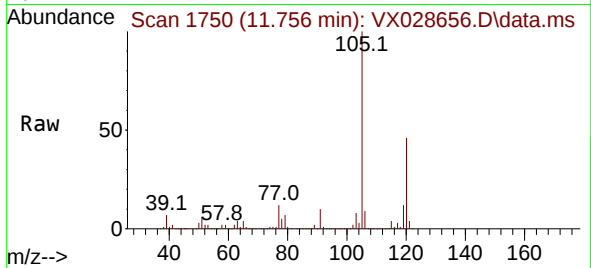
Tgt Ion:105 Resp: 192501
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 51.718 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

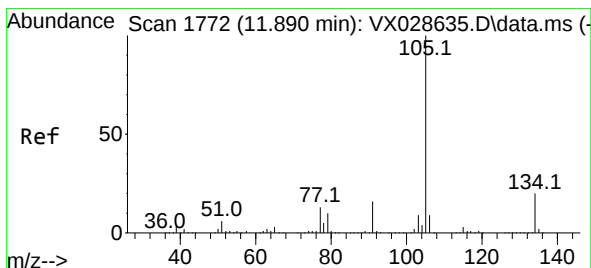
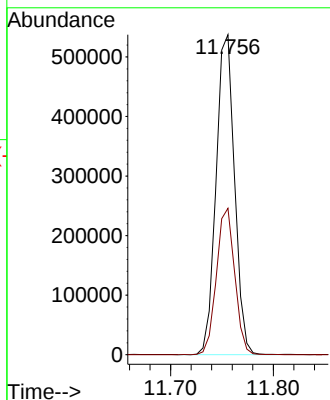
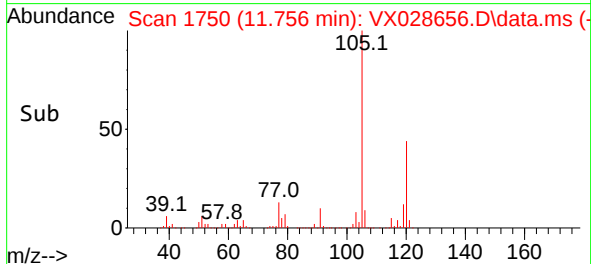
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



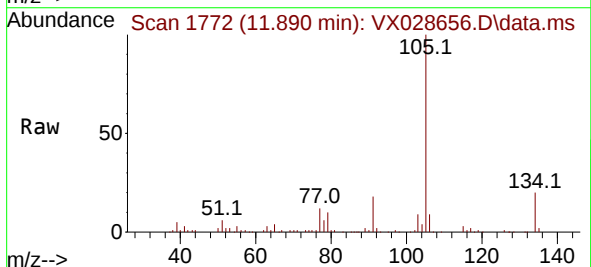
Tgt Ion:105 Resp: 668902
Ion Ratio Lower Upper
105 100
120 45.4 22.6 67.8

Manual Integrations
APPROVED

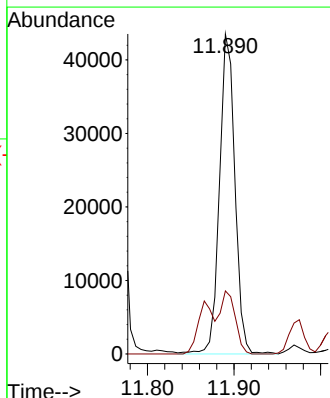
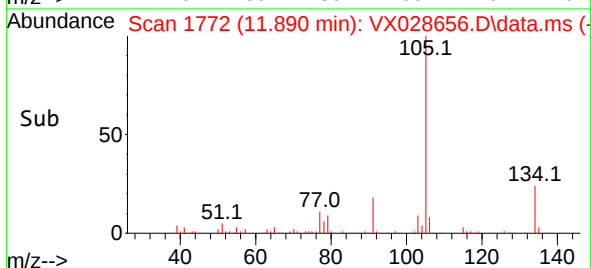
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

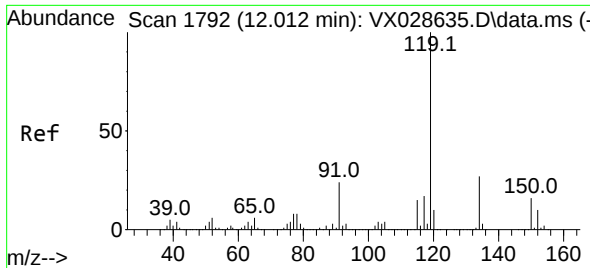


#85
sec-Butylbenzene
Concen: 3.499 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



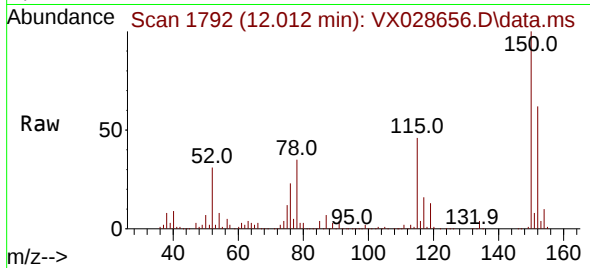
Tgt Ion:105 Resp: 53903
Ion Ratio Lower Upper
105 100
134 19.1 10.2 30.4





#86
p-Isopropyltoluene
Concen: 1.083 ug/l m
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

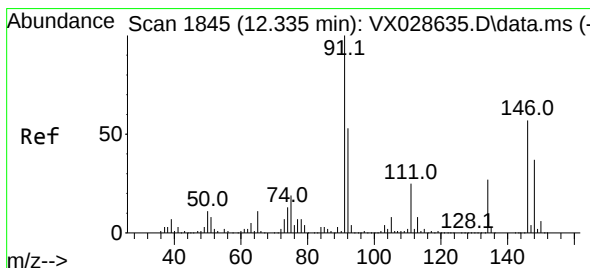
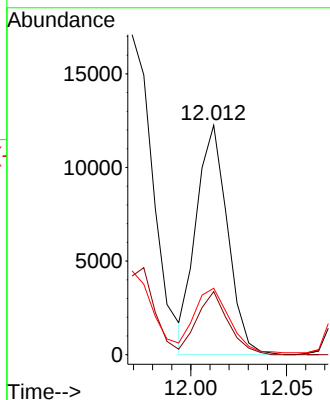
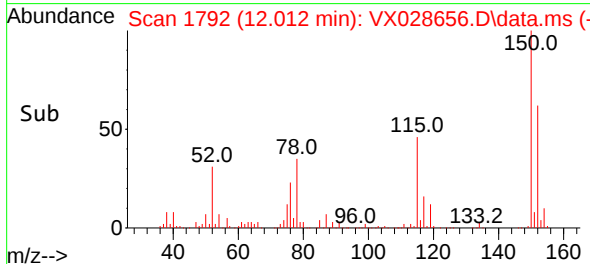
Instrument :
MSVOA_X
ClientSampleId :
MW-10R



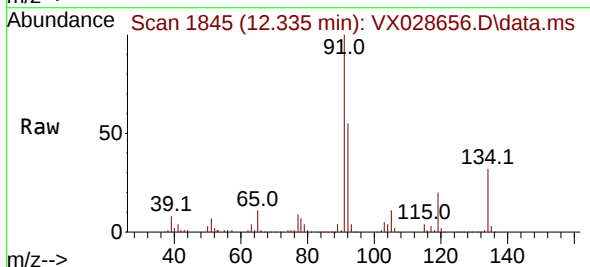
Tgt Ion:119 Resp: 13994
Ion Ratio Lower Upper
119 100
134 40.5 13.0 39.0
91 38.4 11.3 33.9

Manual Integrations
APPROVED

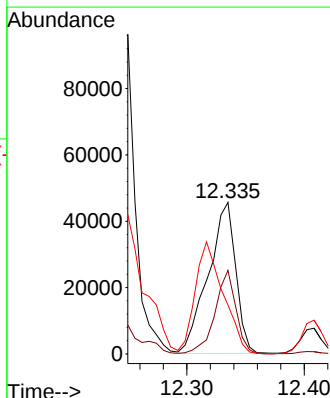
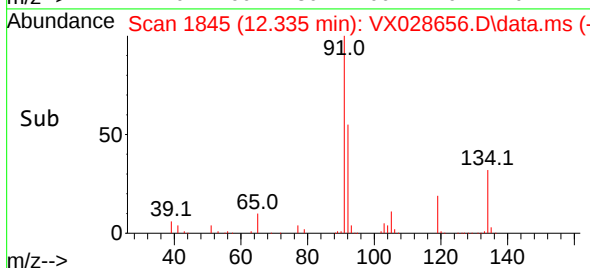
Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

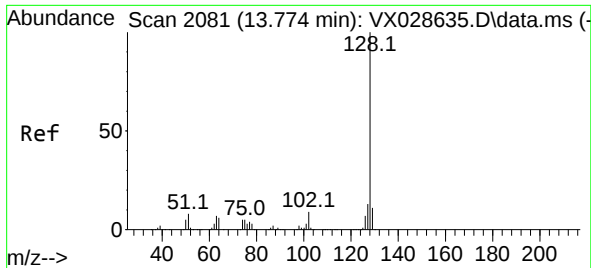


#89
n-Butylbenzene
Concen: 6.644 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19



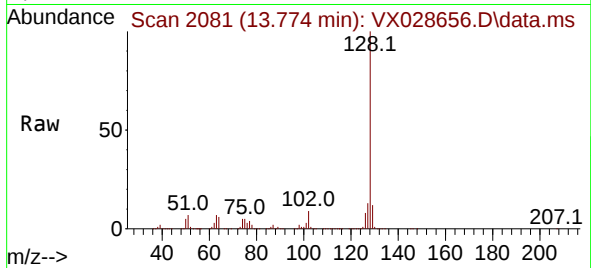
Tgt Ion: 91 Resp: 74405
Ion Ratio Lower Upper
91 100
92 42.3 27.8 83.3
134 75.3 13.3 39.8





#95
Naphthalene
Concen: 118.560 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VX028656.D
Acq: 12 May 2022 22:19

Instrument :
MSVOA_X
ClientSampleId :
MW-10R



Tgt Ion:128 Resp: 1719611
Ion Ratio Lower Upper
128 100
127 13.1 10.2 15.4
129 11.3 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :John Carlone 05/13/2022
Supervised By :Mahesh Dadoda 05/13/2022

