

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
 Data File : VX028732.D
 Acq On : 16 May 2022 15:31
 Operator : JC/MD
 Sample : N2862-05
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-5R

Quant Time: May 17 03:37:09 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 05/17/2022
 Supervised By : Mahesh Dadoda 05/17/2022

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

Internal Standards						
1) Pentafluorobenzene	5.556	168	243609	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	439926	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	433648	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	210307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	170725	51.126	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.260%			
35) Dibromofluoromethane	5.391	113	145212	50.380	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.760%			
50) Toluene-d8	8.653	98	549905	50.604	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 101.200%			
62) 4-Bromofluorobenzene	11.079	95	212011	52.234	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 104.460%			
Target Compounds					Qvalue	
16) Acetone	2.380	43	6638	4.632	ug/l	88
25) 2-Butanone	4.574	43	3951	1.756	ug/l	91
39) Methylcyclohexane	7.385	83	332412	66.954	ug/l	96
52) Toluene	8.720	92	2485	0.310	ug/l	97
67) Ethyl Benzene	10.195	91	9523m	0.578	ug/l	
68) m/p-Xylenes	10.305	106	197763	30.806	ug/l	95
69) o-Xylene	10.647	106	413200	65.374	ug/l	98
73) Isopropylbenzene	10.964	105	17324	1.086	ug/l	96
78) n-propylbenzene	11.305	91	25346	1.374	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	165761	12.473	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	153403	11.511	ug/l	100
85) sec-Butylbenzene	11.890	105	42369	2.670	ug/l #	56
86) p-Isopropyltoluene	12.012	119	24088	1.809	ug/l	94
89) n-Butylbenzene	12.335	91	258292	22.384	ug/l #	56
95) Naphthalene	13.774	128	51997	3.479	ug/l #	88

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

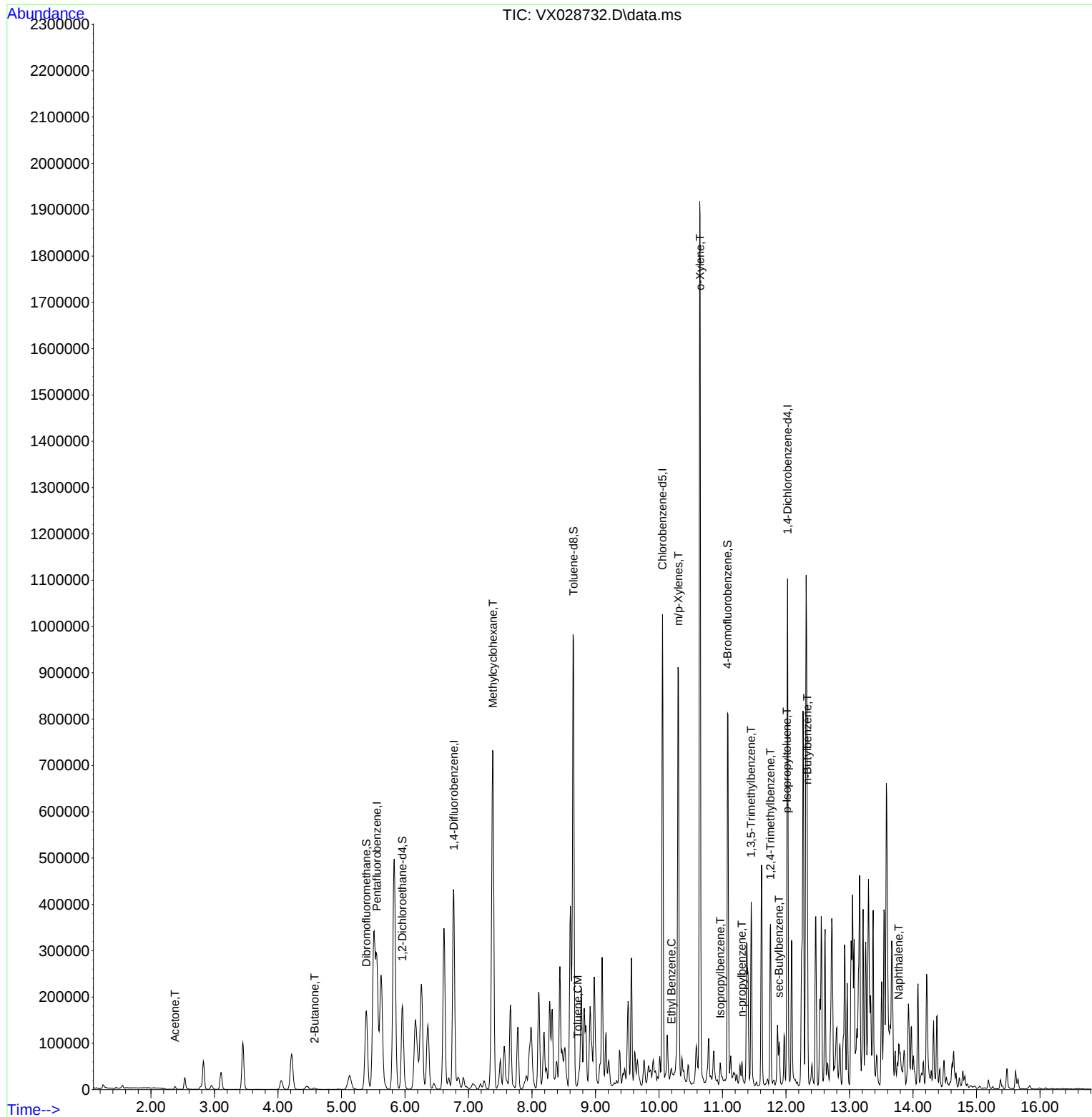
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051622\
Data File : VX028732.D
Acq On : 16 May 2022 15:31
Operator : JC/MD
Sample : N2862-05
Misc : 5.0mL/MSVOA_X/WATER
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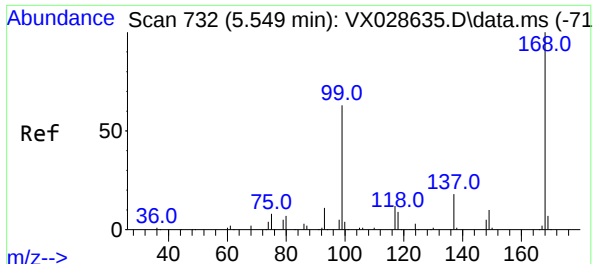
Instrument :
MSVOA_X
ClientSampleId :
MW-5R

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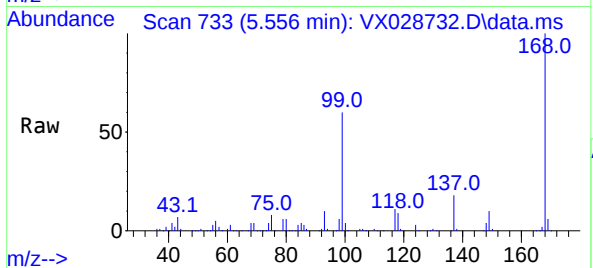
Quant Time: May 17 03:37:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X051222W.M
Quant Title : SW846 8260
QLast Update : Thu May 12 14:58:53 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 71
Delta R.T. 0.007 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

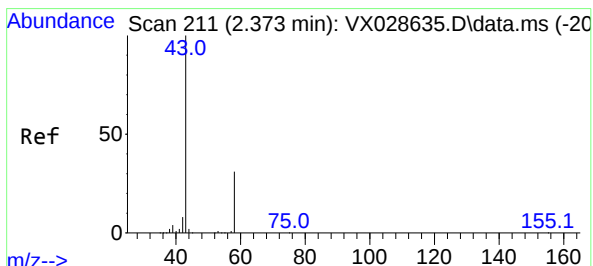
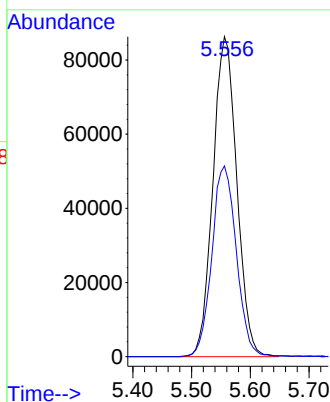
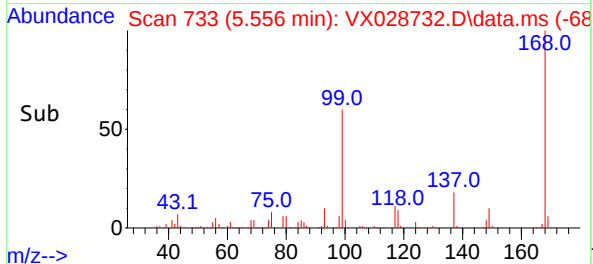
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



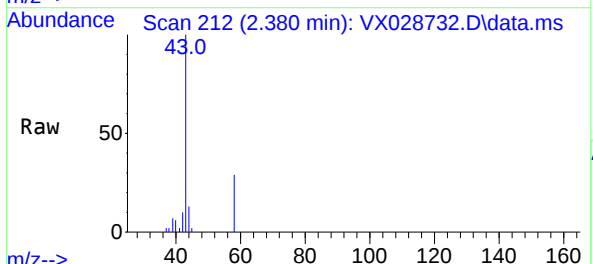
Tgt Ion:168 Resp: 243609
Ion Ratio Lower Upper
168 100
99 59.6 41.7 62.5

Manual Integrations
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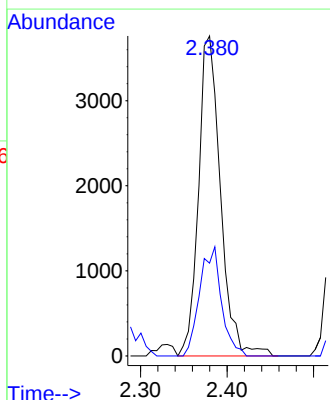
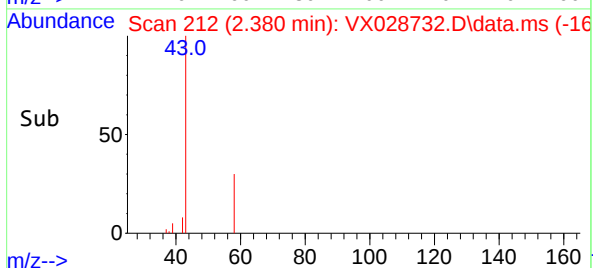
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

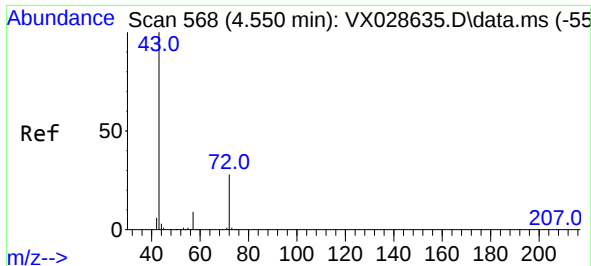


#16
Acetone
Concen: 4.632 ug/l
RT: 2.380 min Scan# 212
Delta R.T. 0.007 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31



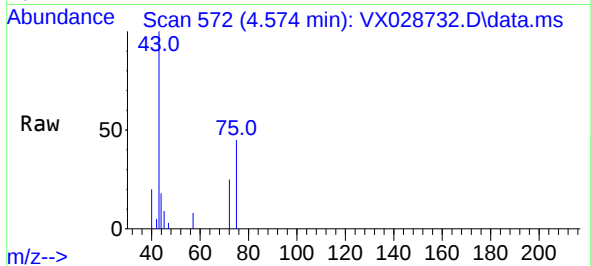
Tgt Ion: 43 Resp: 6638
Ion Ratio Lower Upper
43 100
58 29.0 28.8 43.2





#25
2-Butanone
Concen: 1.756 ug/l
RT: 4.574 min Scan# 51
Delta R.T. 0.024 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

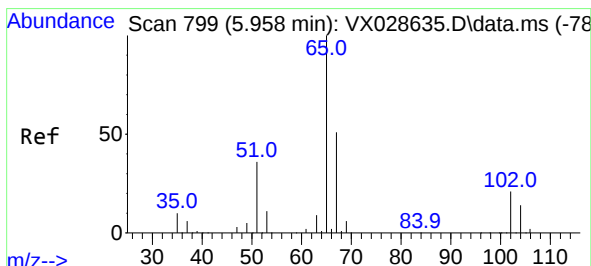
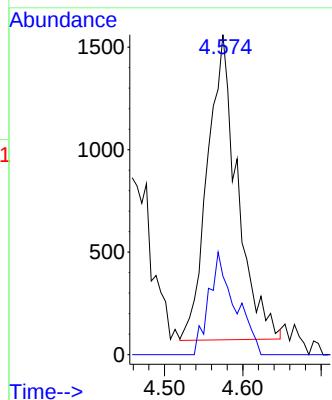
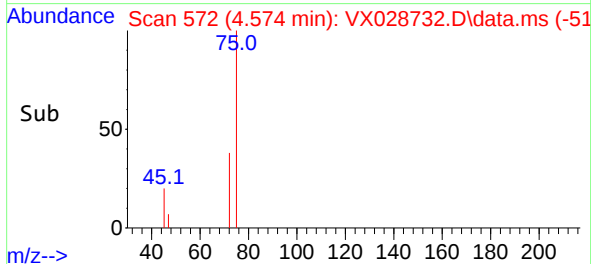
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



Tgt Ion: 43 Resp: 395
Ion Ratio Lower Upper
43 100
72 25.8 24.4 36.6

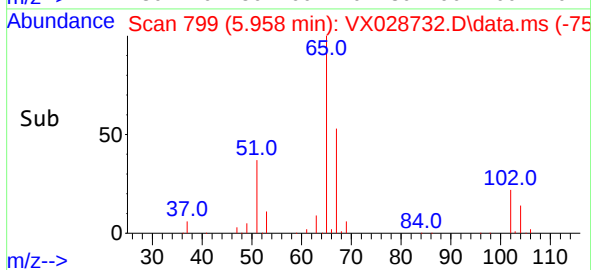
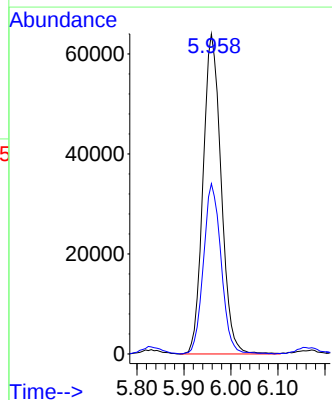
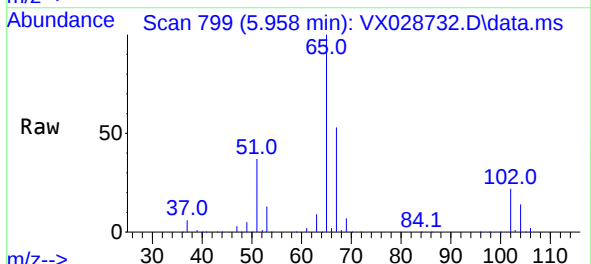
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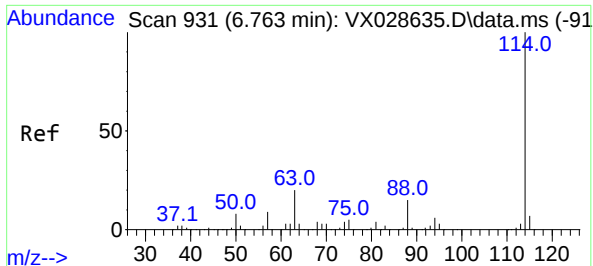
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#33
1,2-Dichloroethane-d4
Concen: 51.126 ug/l
RT: 5.958 min Scan# 799
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Tgt Ion: 65 Resp: 170725
Ion Ratio Lower Upper
65 100
67 52.1 0.0 107.4





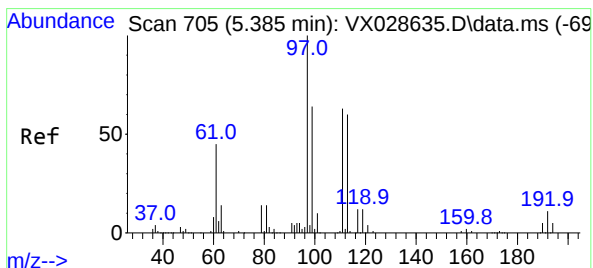
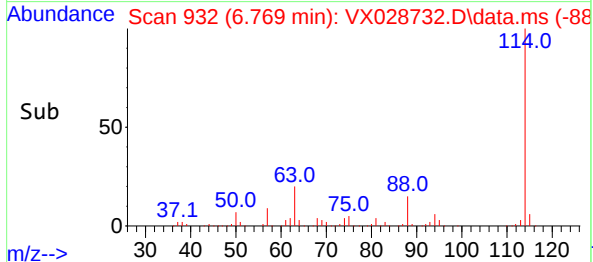
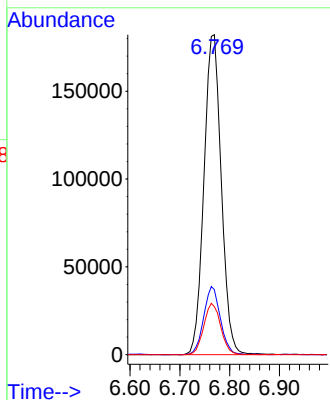
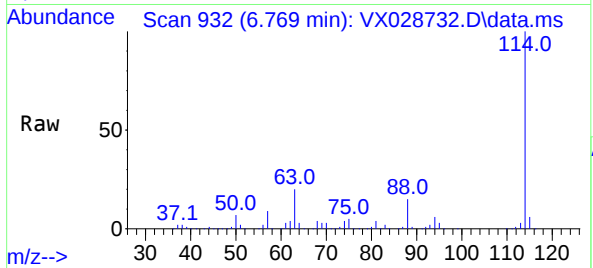
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 6.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Tgt Ion:114 Resp: 439920
Ion Ratio Lower Upper
114 100
63 20.3 0.0 36.8
88 15.0 0.0 32.4

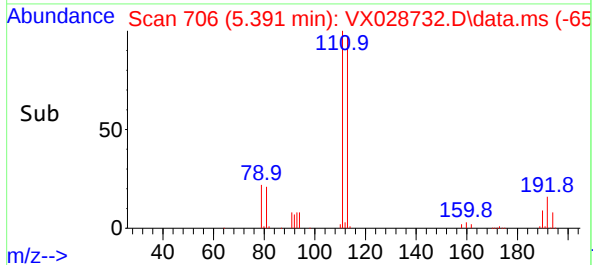
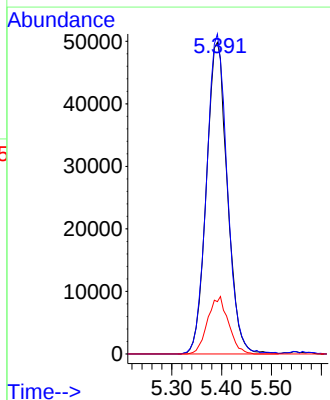
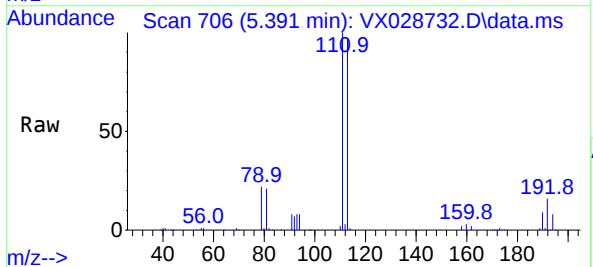
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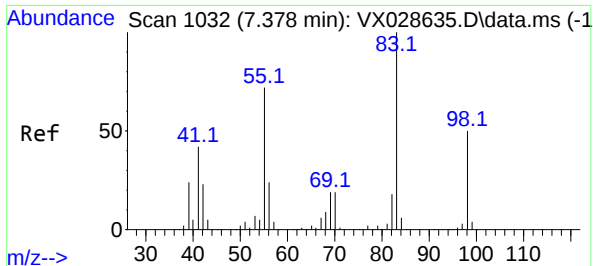
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#35
Dibromofluoromethane
Concen: 50.380 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.006 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Tgt Ion:113 Resp: 145212
Ion Ratio Lower Upper
113 100
111 101.6 82.8 124.2
192 18.3 16.9 25.3





#39

Methylcyclohexane

Concen: 66.954 ug/l

RT: 7.385 min Scan# 1033

Delta R.T. 0.007 min

Lab File: VX028732.D

Acq: 16 May 2022 15:31

Instrument :

MSVOA_X

ClientSampleId :

MW-5R

Tgt Ion: 83 Resp: 33241

Ion Ratio Lower Upper

83 100

55 74.2 54.6 81.8

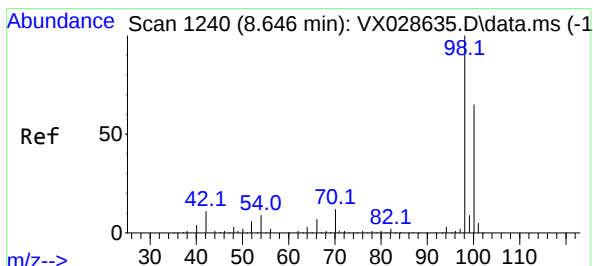
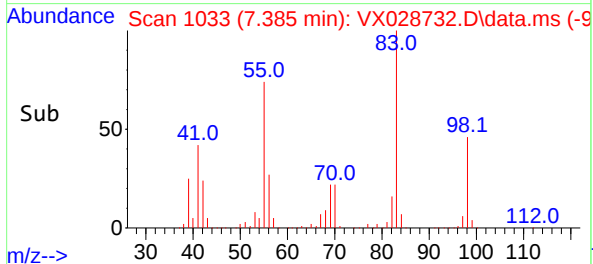
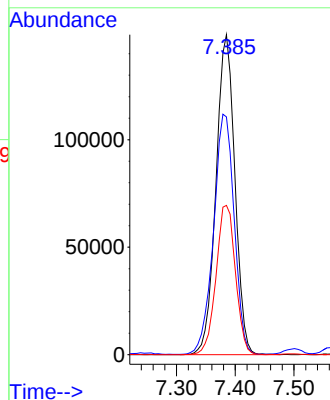
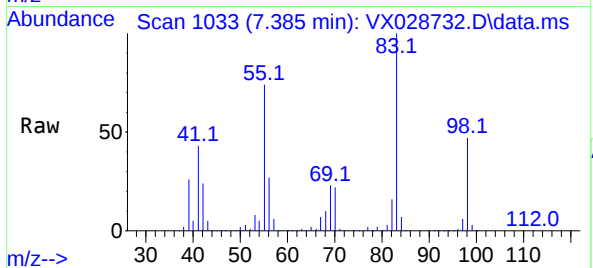
98 46.7 37.4 56.2

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Reviewed By :John Carlone 05/17/2022

Supervised By :Mahesh Dadoda 05/17/2022



#50

Toluene-d8

Concen: 50.604 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.007 min

Lab File: VX028732.D

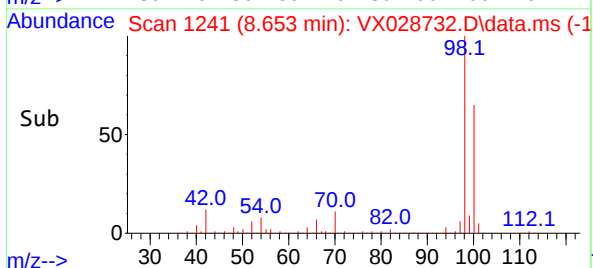
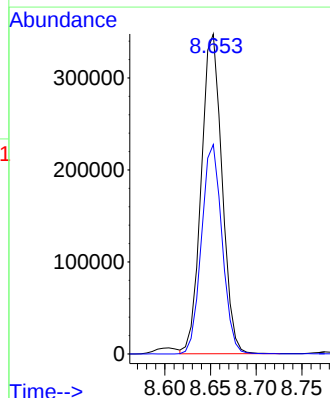
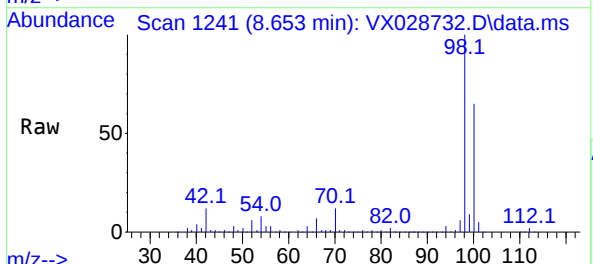
Acq: 16 May 2022 15:31

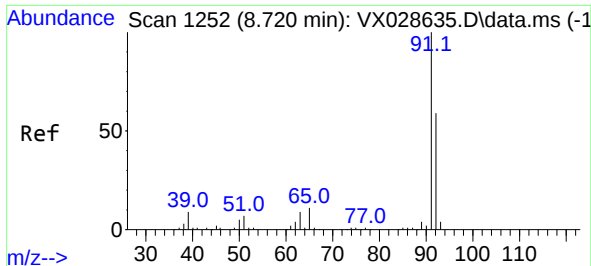
Tgt Ion: 98 Resp: 549905

Ion Ratio Lower Upper

98 100

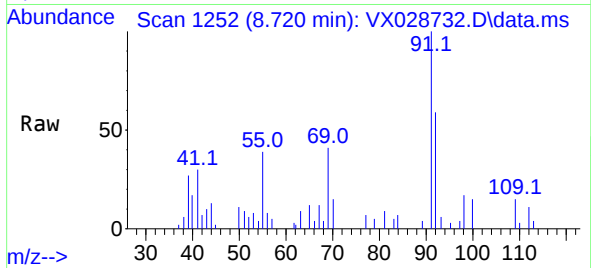
100 65.0 52.6 78.8





#52
Toluene
Concen: 0.310 ug/l
RT: 8.720 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

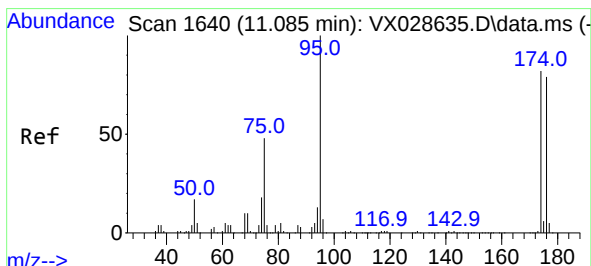
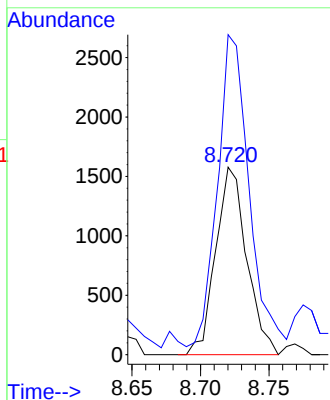
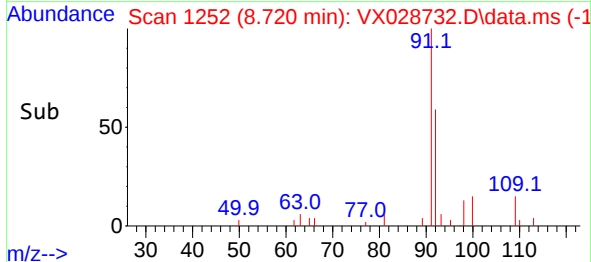
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



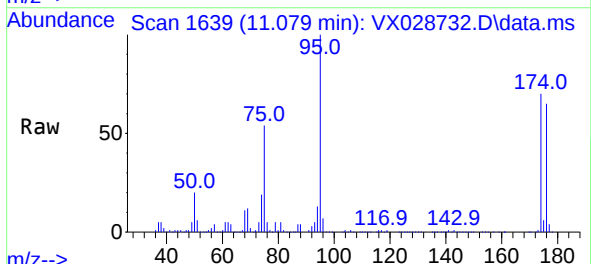
Tgt Ion: 92 Resp: 248
Ion Ratio Lower Upper
92 100
91 168.0 137.5 206.3

Manual Integrations
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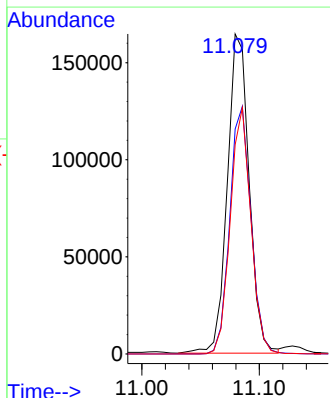
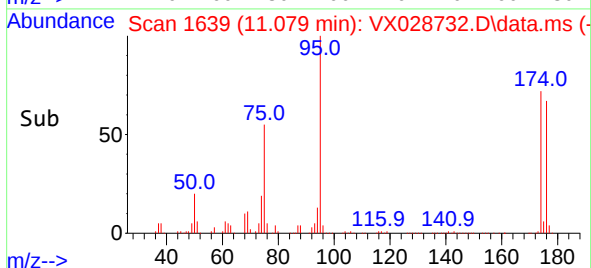
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

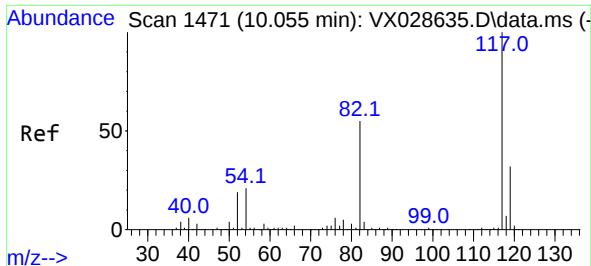


#62
4-Bromofluorobenzene
Concen: 52.234 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31



Tgt Ion: 95 Resp: 212011
Ion Ratio Lower Upper
95 100
174 75.5 0.0 163.0
176 72.7 0.0 155.0





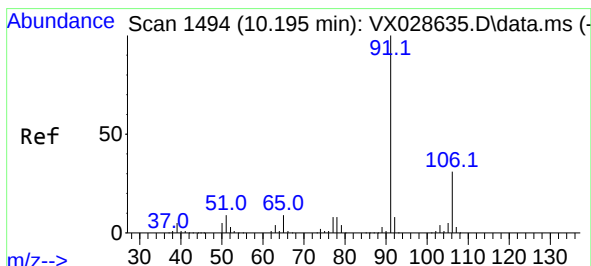
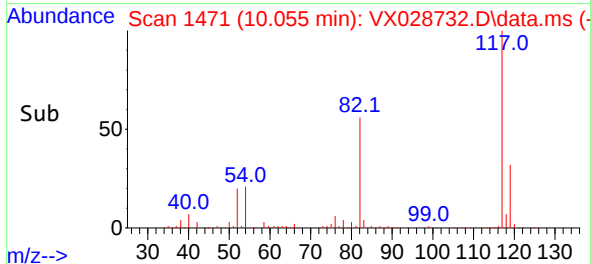
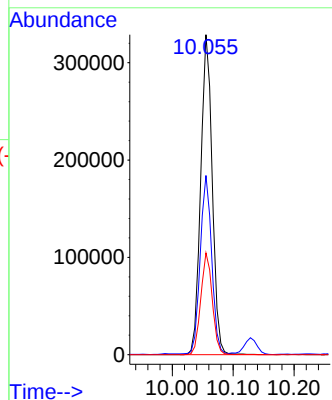
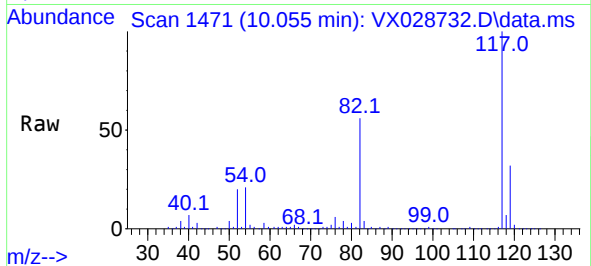
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Tgt Ion:117 Resp: 433648
Ion Ratio Lower Upper
117 100
82 55.9 41.8 62.8
119 31.8 24.8 37.2

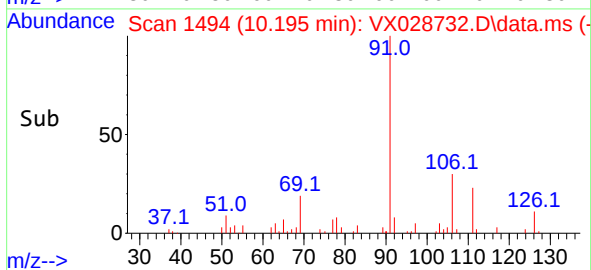
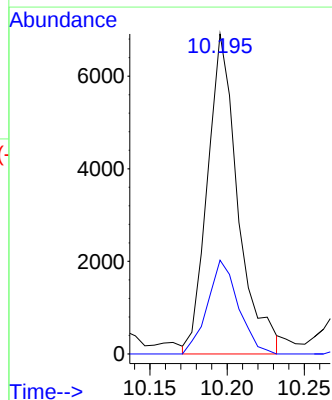
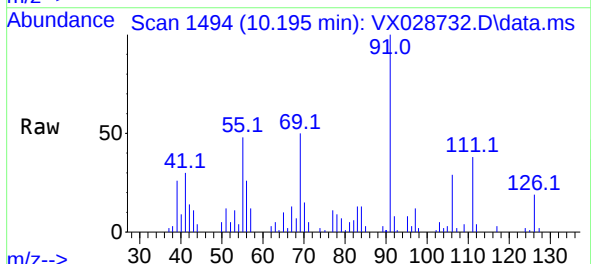
Manual Integrations
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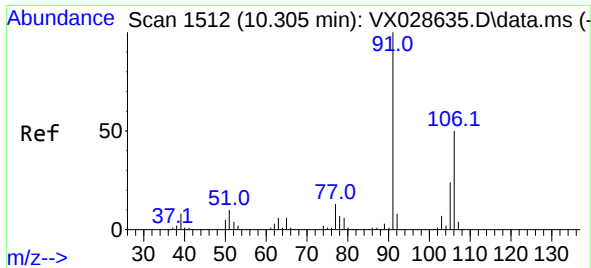
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#67
Ethyl Benzene
Concen: 0.578 ug/l m
RT: 10.195 min Scan# 1494
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Tgt Ion: 91 Resp: 9523
Ion Ratio Lower Upper
91 100
106 29.3 24.6 36.8





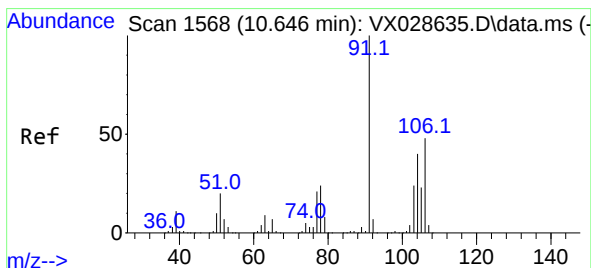
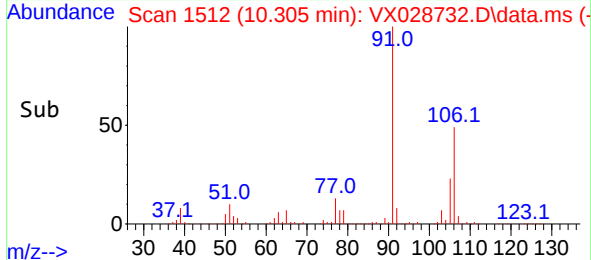
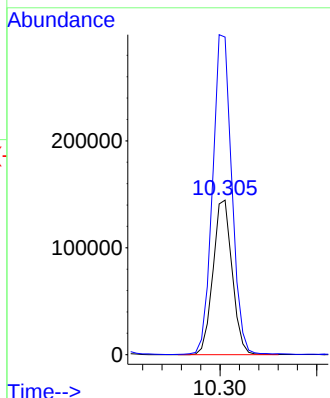
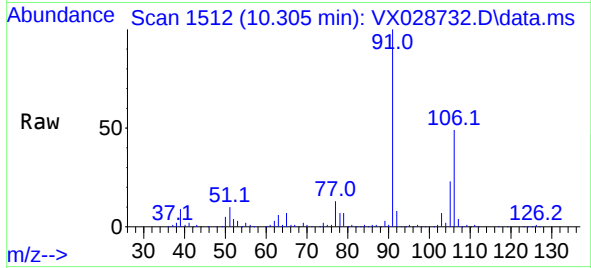
#68
m/p-Xylenes
Concen: 30.806 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Tgt Ion:106 Resp: 19776
Ion Ratio Lower Upper
106 100
91 208.2 160.4 240.6

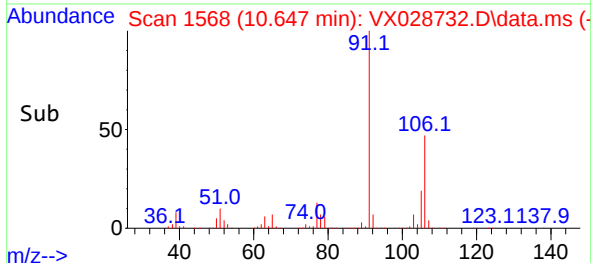
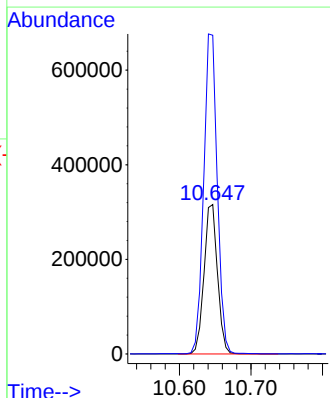
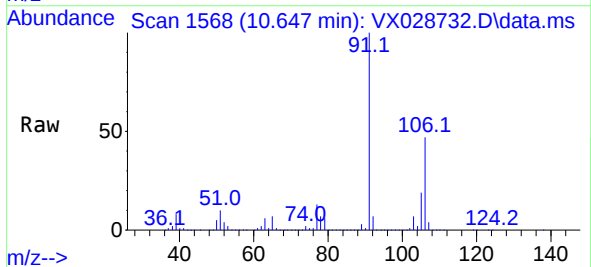
Manual Integrations
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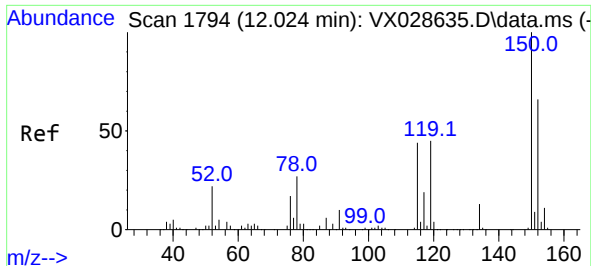
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#69
o-Xylene
Concen: 65.374 ug/l
RT: 10.647 min Scan# 1568
Delta R.T. 0.001 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

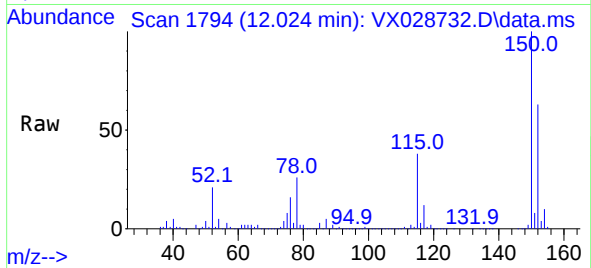
Tgt Ion:106 Resp: 413200
Ion Ratio Lower Upper
106 100
91 215.9 106.1 318.1





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 11
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

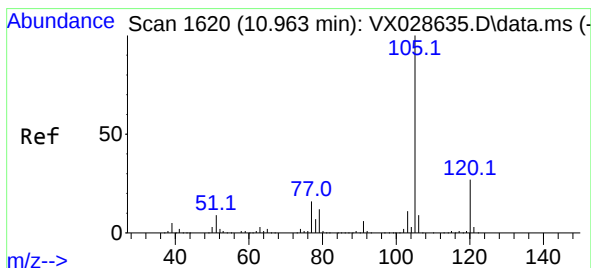
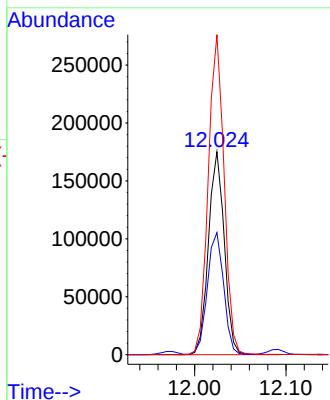
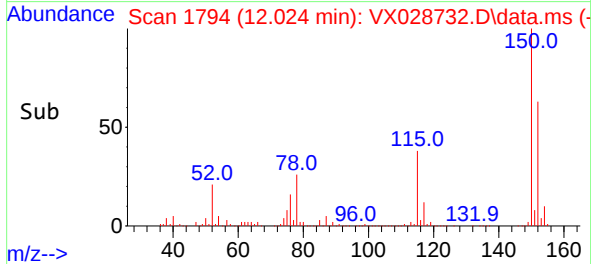
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



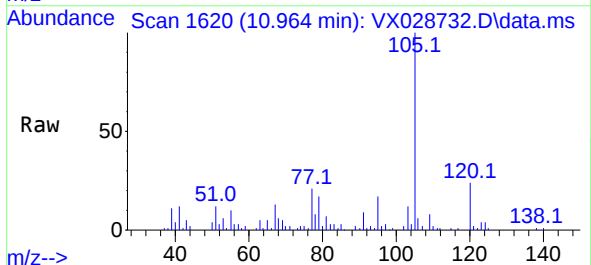
Tgt Ion:152 Resp: 21030
Ion Ratio Lower Upper
152 100
115 62.3 37.5 112.7
150 158.1 0.0 338.2

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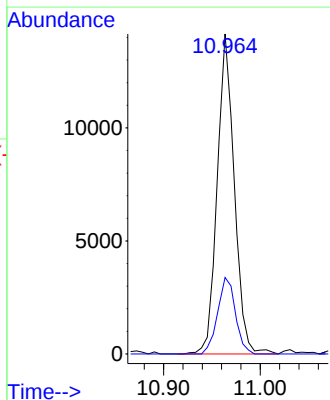
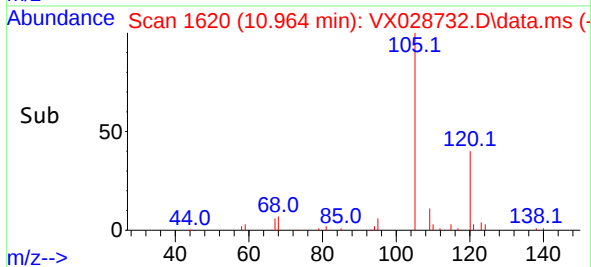
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

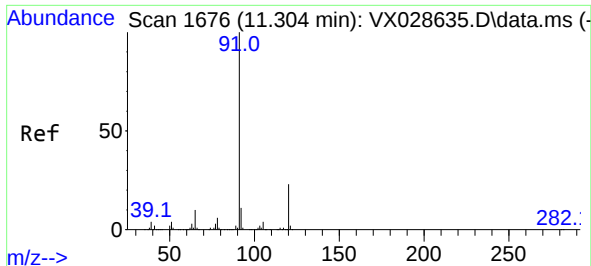


#73
Isopropylbenzene
Concen: 1.086 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31



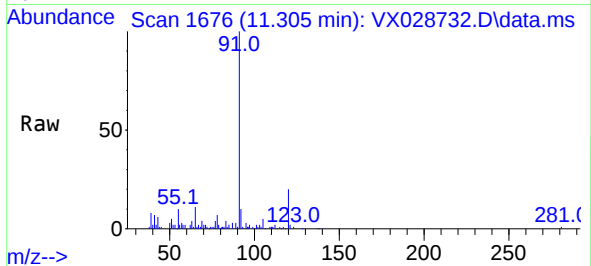
Tgt Ion:105 Resp: 17324
Ion Ratio Lower Upper
105 100
120 24.8 13.5 40.5





#78
n-propylbenzene
Concen: 1.374 ug/l
RT: 11.305 min Scan# 1100
Delta R.T. 0.001 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

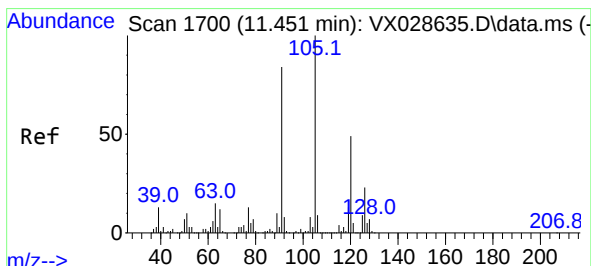
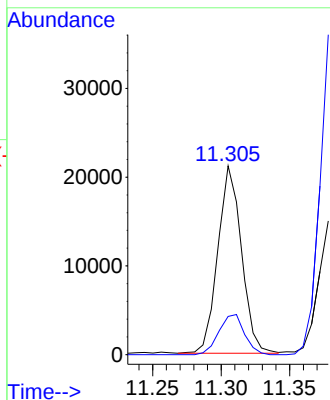
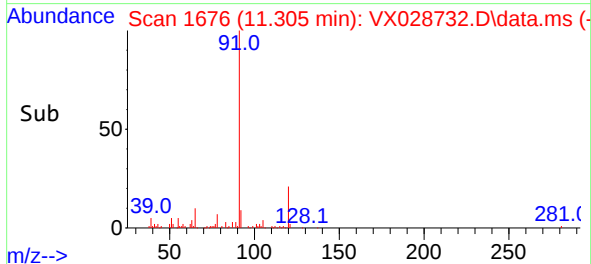
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



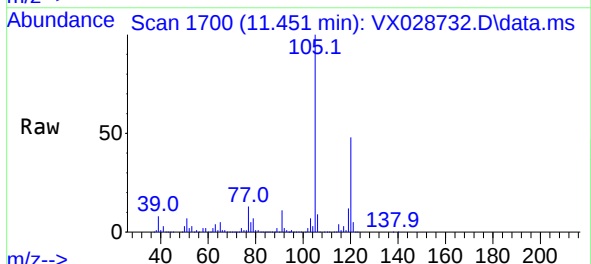
Tgt Ion: 91 Resp: 25340
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.8

Manual Integrations
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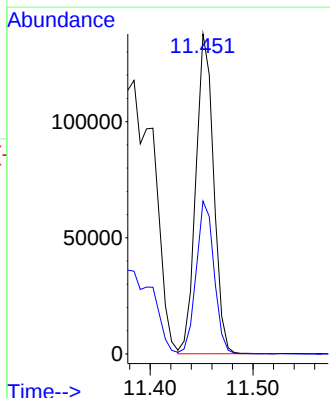
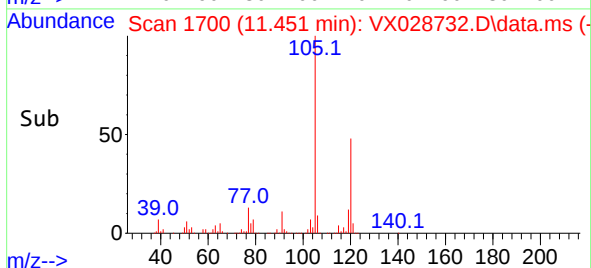
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

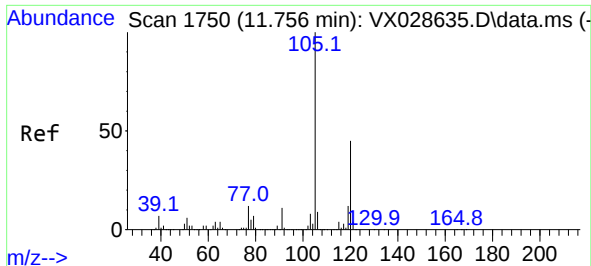


#80
1,3,5-Trimethylbenzene
Concen: 12.473 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31



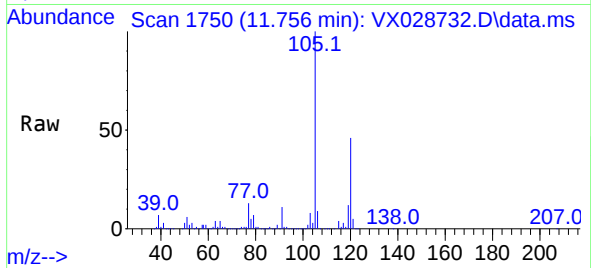
Tgt Ion:105 Resp: 165761
Ion Ratio Lower Upper
105 100
120 48.1 24.3 72.9





#84
1,2,4-Trimethylbenzene
Concen: 11.511 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

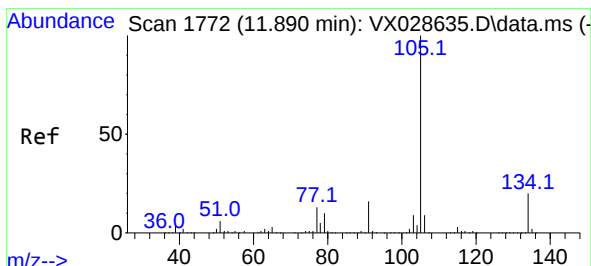
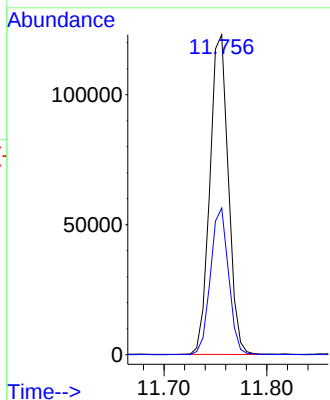
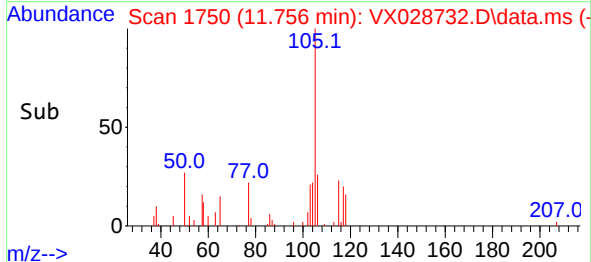
Instrument :
MSVOA_X
ClientSampleId :
MW-5R



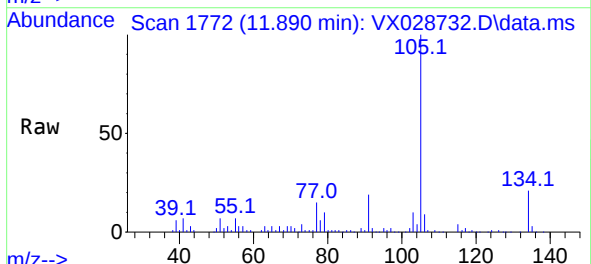
Tgt Ion:105 Resp: 15340
Ion Ratio Lower Upper
105 100
120 44.9 22.6 67.8

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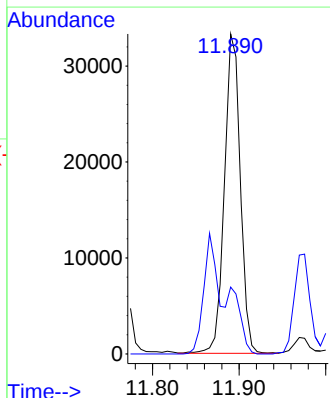
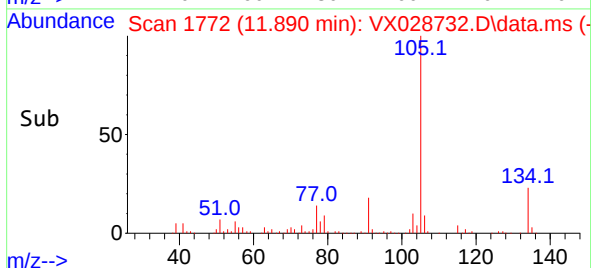
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

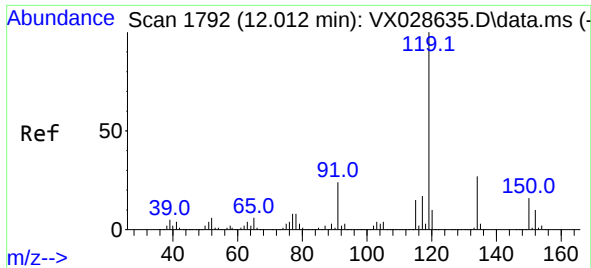


#85
sec-Butylbenzene
Concen: 2.670 ug/l
RT: 11.890 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31



Tgt Ion:105 Resp: 42369
Ion Ratio Lower Upper
105 100
134 0.0 10.2 30.4#





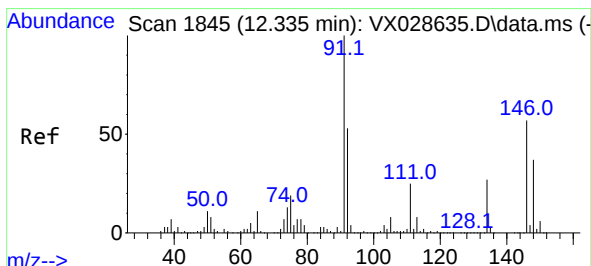
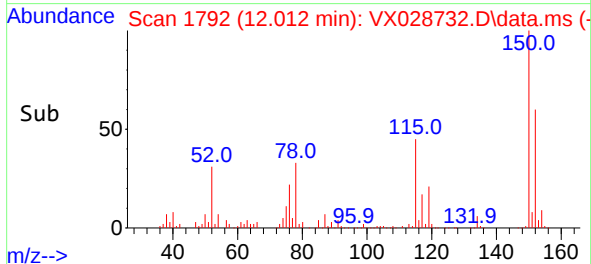
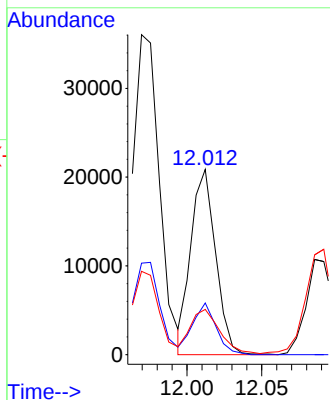
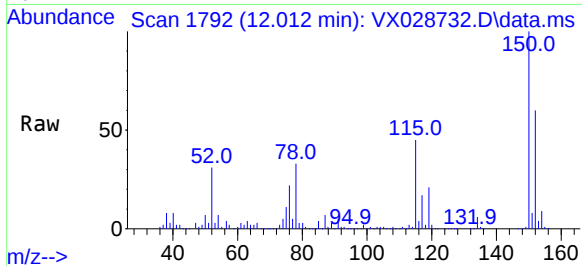
#86
p-Isopropyltoluene
Concen: 1.809 ug/l
RT: 12.012 min Scan# 1199
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5R

Tgt Ion: 119 Resp: 24088
Ion Ratio Lower Upper
119 100
134 26.7 13.0 39.0
91 27.9 11.3 33.9

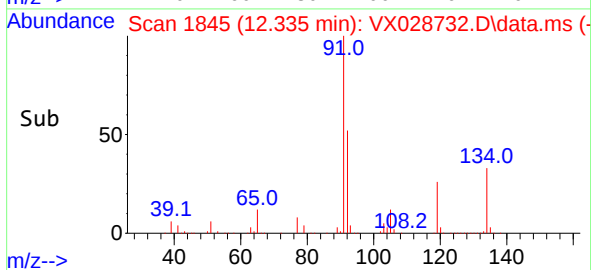
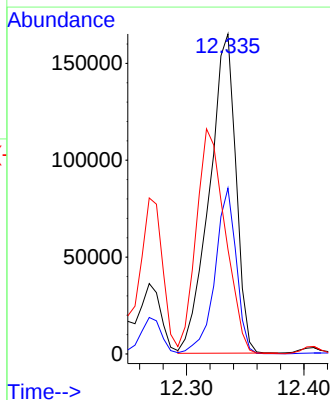
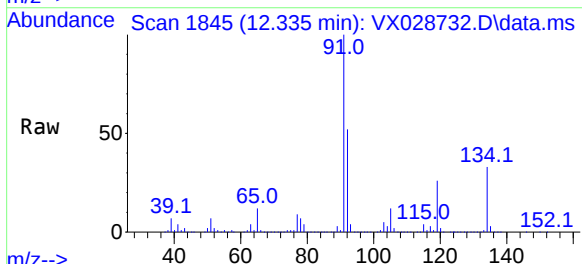
Manual Integrations
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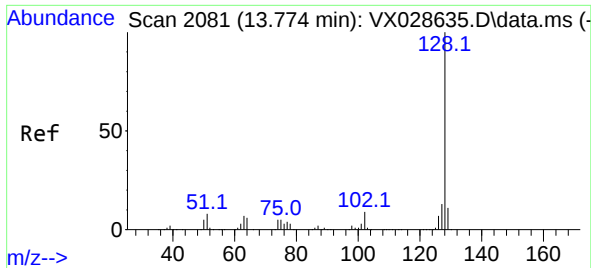
Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022



#89
n-Butylbenzene
Concen: 22.384 ug/l
RT: 12.335 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

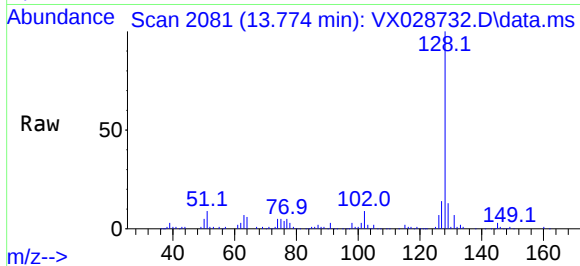
Tgt Ion: 91 Resp: 258292
Ion Ratio Lower Upper
91 100
92 41.9 27.8 83.3
134 76.7 13.3 39.8#





#95
Naphthalene
Concen: 3.479 ug/l
RT: 13.774 min Scan# 2081
Delta R.T. 0.000 min
Lab File: VX028732.D
Acq: 16 May 2022 15:31

Instrument :
MSVOA_X
ClientSampleId :
MW-5R



Tgt Ion:128 Resp: 5199
Ion Ratio Lower Upper
128 100
127 16.1 10.2 15.4
129 17.1 8.7 13.1

Manual Integrations
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Reviewed By :John Carlone 05/17/2022
Supervised By :Mahesh Dadoda 05/17/2022

