

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
 Data File : VX028673.D
 Acq On : 13 May 2022 13:23
 Operator : JC/MD
 Sample : N2799-03DL 10X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DDL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/16/2022
 Supervised By : Mahesh Dadoda 05/16/2022

Quant Time: May 16 02:19:56 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	231644	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	6.763	114	426504	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	406877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	190528	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	168043	52.922	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 105.840%			
35) Dibromofluoromethane	5.385	113	139914	50.070	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 100.140%			
50) Toluene-d8	8.653	98	518440	49.209	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 98.420%			
62) 4-Bromofluorobenzene	11.079	95	195185	49.602	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 99.200%			
Target Compounds						
					Qvalue	
31) Cyclohexane	5.471	56	23242	5.273	ug/l	# 87
39) Methylcyclohexane	7.379	83	17867	3.712	ug/l	90
52) Toluene	8.720	92	48024	6.189	ug/l	99
67) Ethyl Benzene	10.195	91	231249	14.947	ug/l	98
68) m/p-Xylenes	10.305	106	226510	37.605	ug/l	96
69) o-Xylene	10.647	106	111317	18.771	ug/l	96
73) Isopropylbenzene	10.964	105	24837	1.719	ug/l	98
78) n-propylbenzene	11.305	91	55971	3.349	ug/l	98
80) 1,3,5-Trimethylbenzene	11.451	105	70699	5.872	ug/l	100
84) 1,2,4-Trimethylbenzene	11.756	105	248047	20.546	ug/l	100
85) sec-Butylbenzene	11.896	105	4822m	0.335	ug/l	
95) Naphthalene	13.780	128	70148	5.181	ug/l	99

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

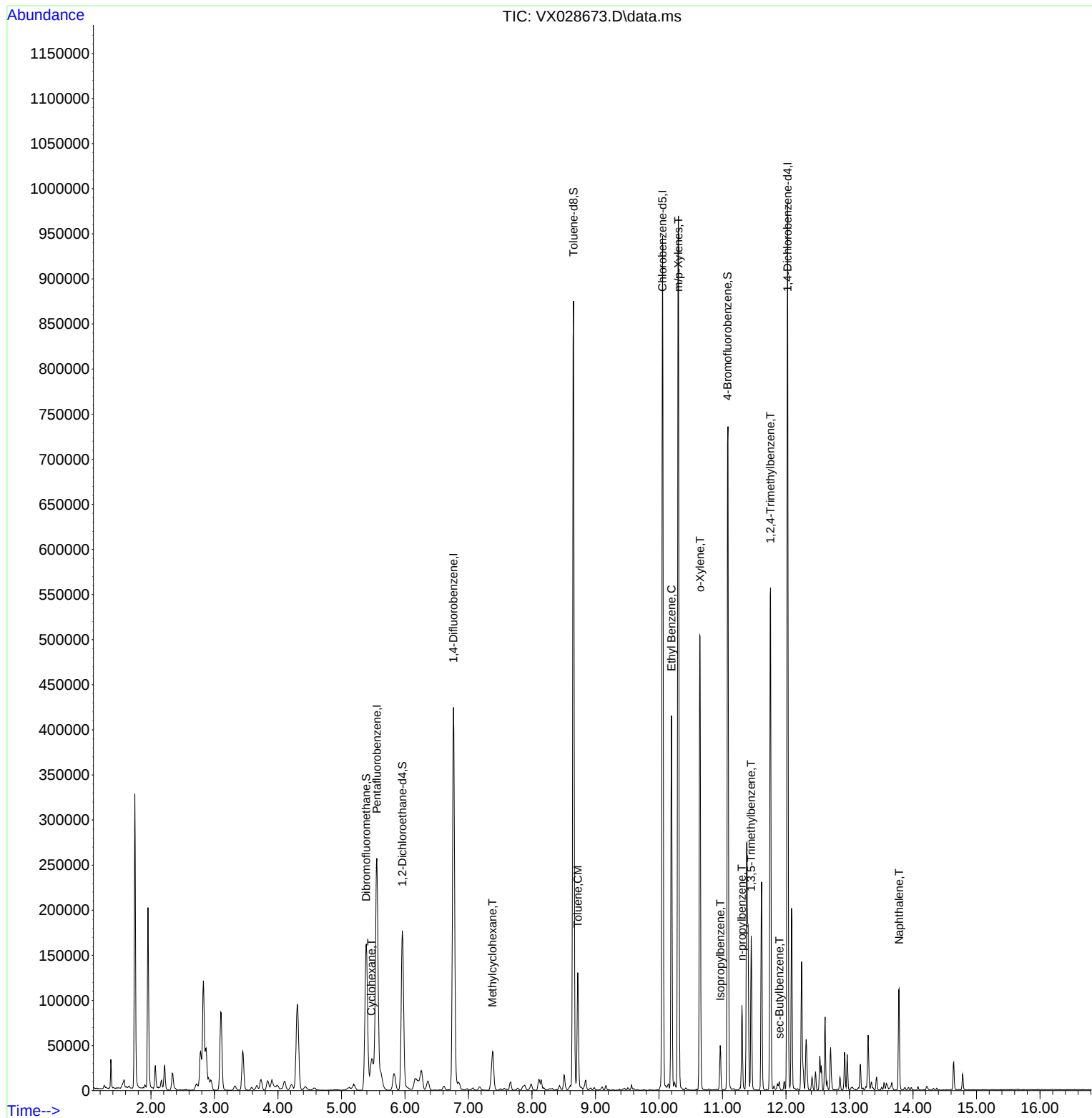
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX051322\
Data File : VX028673.D
Acq On : 13 May 2022 13:23
Operator : JC/MD
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ALS Vial : 8 Sample Multiplier: 1

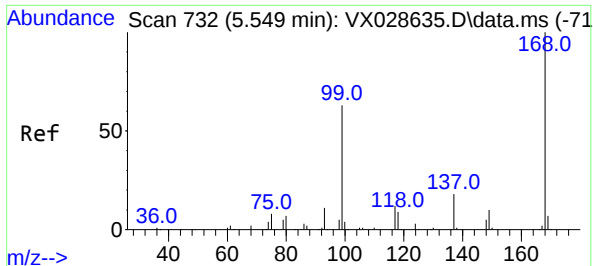
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL

Quant Time: May 16 02:19:56 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

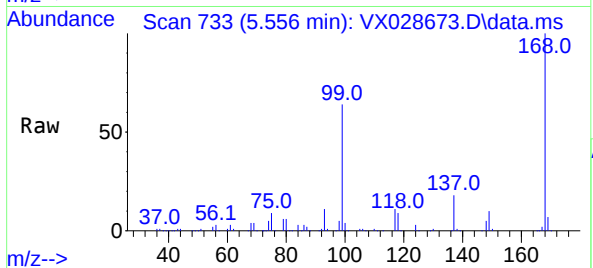
Reviewed By : John Carlone 05/16/2022
Supervised By : Mahesh Dadoda 05/16/2022





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.556 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

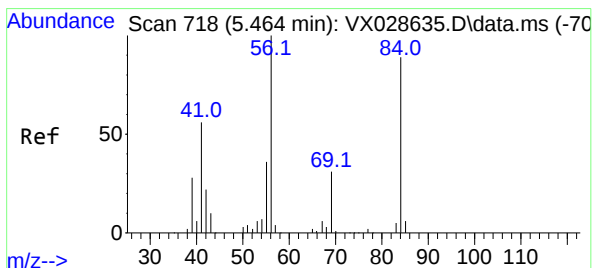
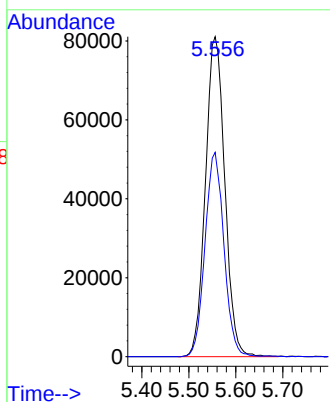
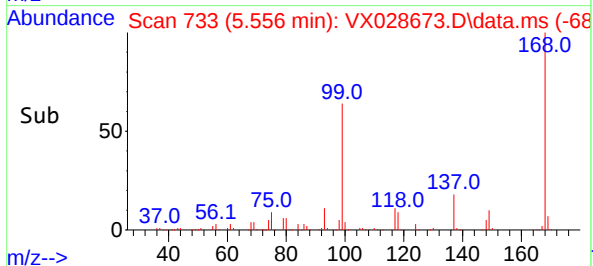
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



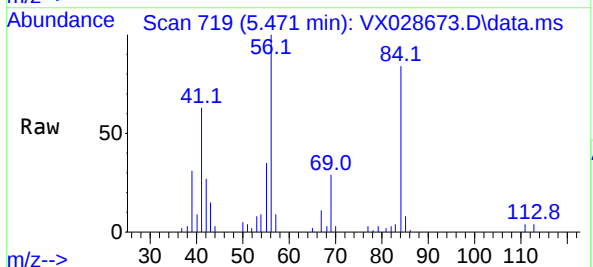
Tgt Ion:168 Resp: 231644
Ion Ratio Lower Upper
168 100
99 63.9 41.7 62.5

Manual Integrations
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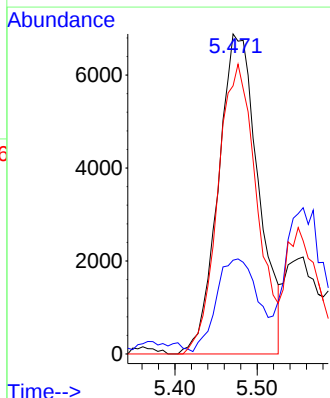
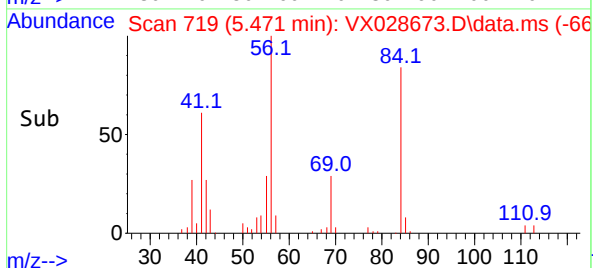
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

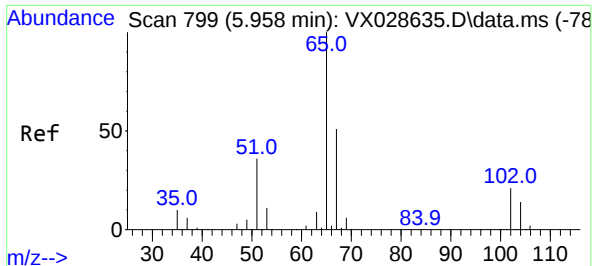


#31
Cyclohexane
Concen: 5.273 ug/l
RT: 5.471 min Scan# 719
Delta R.T. 0.007 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



Tgt Ion: 56 Resp: 23242
Ion Ratio Lower Upper
56 100
69 25.8 26.7 40.1#
84 83.8 77.2 115.8





#33

1,2-Dichloroethane-d4

Concen: 52.922 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX028673.D

Acq: 13 May 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2DDL

Tgt Ion: 65 Resp: 16804

Ion Ratio Lower Upper

65 100

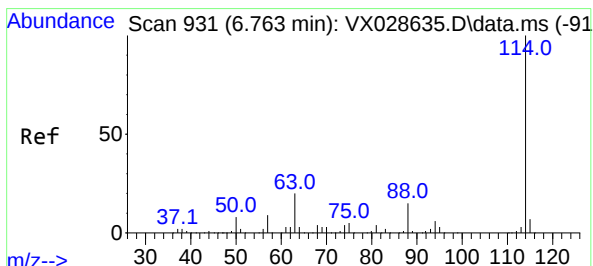
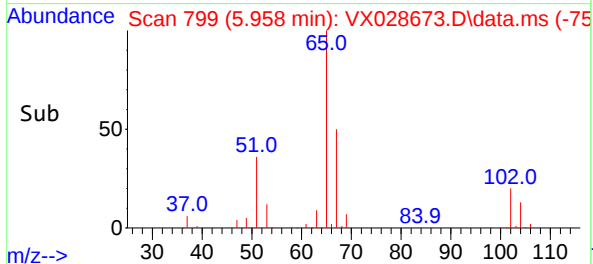
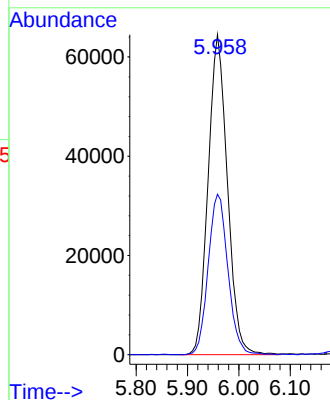
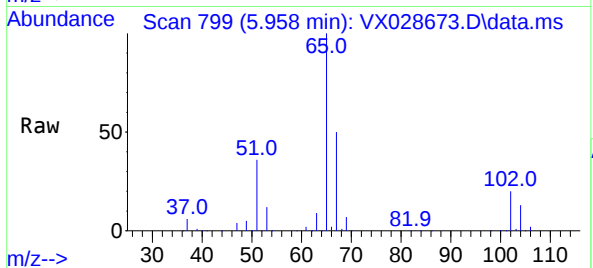
67 51.3 0.0 107.4

Manual Integrations

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Supervised By :Mahesh Dadoda 05/16/2022



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.763 min Scan# 931

Delta R.T. 0.000 min

Lab File: VX028673.D

Acq: 13 May 2022 13:23

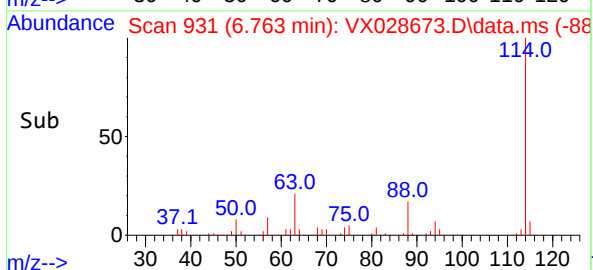
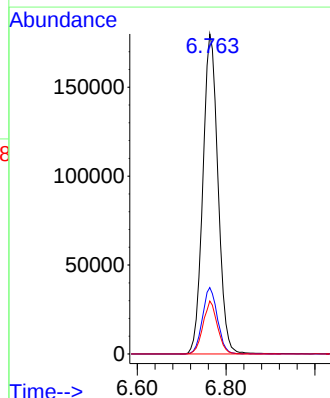
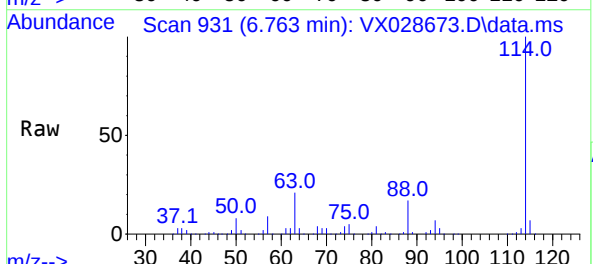
Tgt Ion:114 Resp: 426504

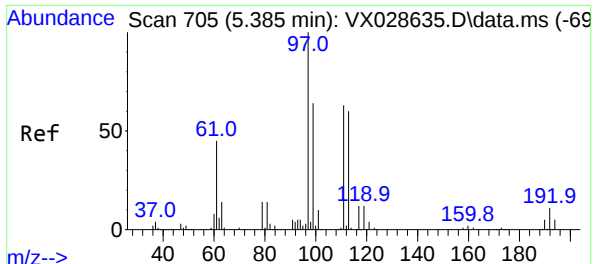
Ion Ratio Lower Upper

114 100

63 20.8 0.0 36.8

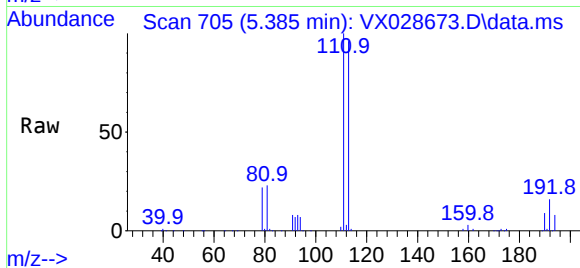
88 16.6 0.0 32.4





#35
Dibromofluoromethane
Concen: 50.070 ug/l
RT: 5.385 min Scan# 705
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

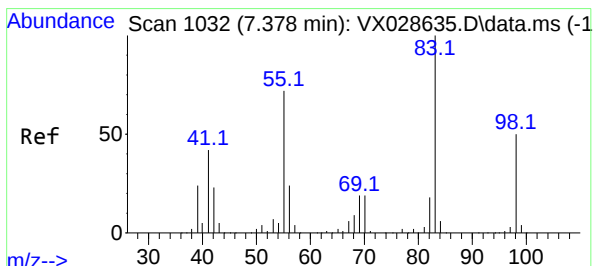
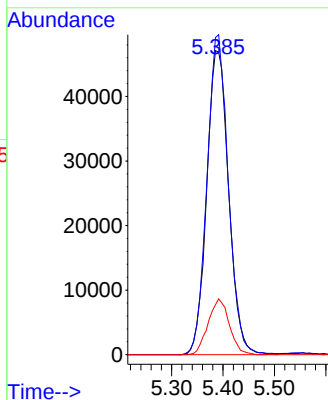
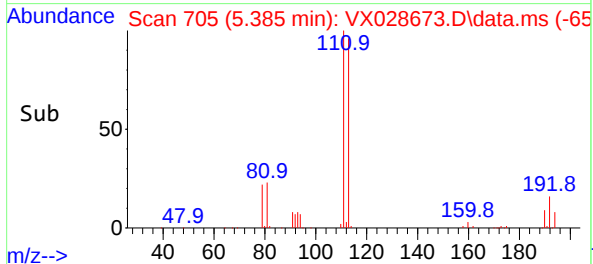
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



Tgt Ion: 113 Resp: 139914
Ion Ratio Lower Upper
113 100
111 102.6 82.8 124.2
192 17.7 16.9 25.3

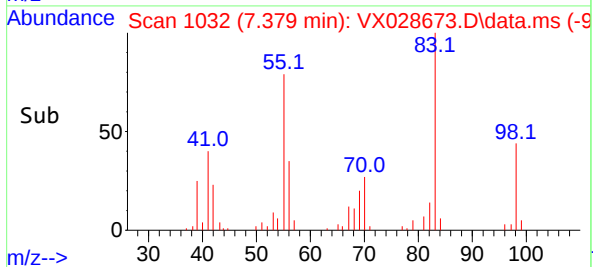
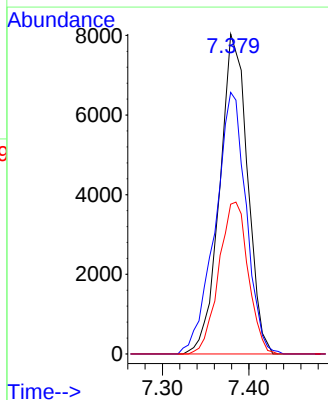
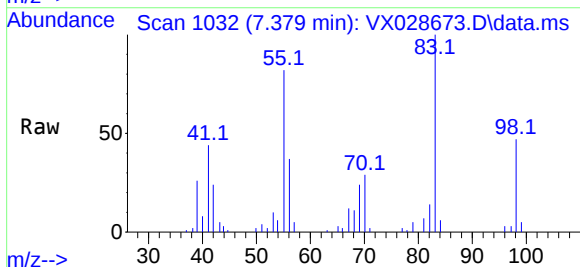
Manual Integrations
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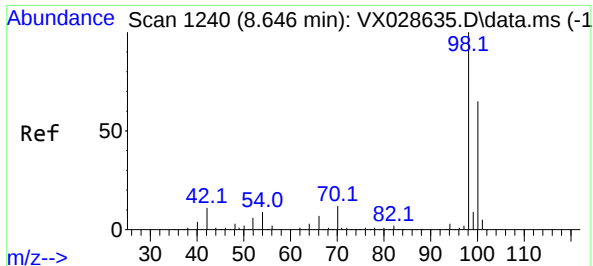
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#39
Methylcyclohexane
Concen: 3.712 ug/l
RT: 7.379 min Scan# 1032
Delta R.T. 0.001 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

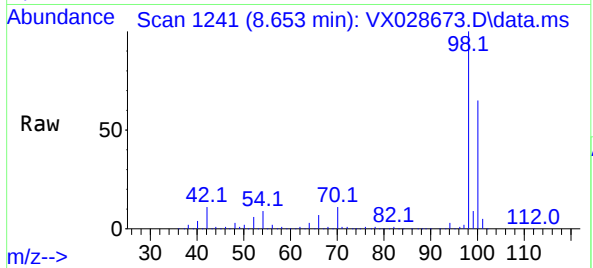
Tgt Ion: 83 Resp: 17867
Ion Ratio Lower Upper
83 100
55 81.8 54.6 81.8
98 46.8 37.4 56.2





#50
Toluene-d8
Concen: 49.209 ug/l
RT: 8.653 min Scan# 1241
Delta R.T. 0.007 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

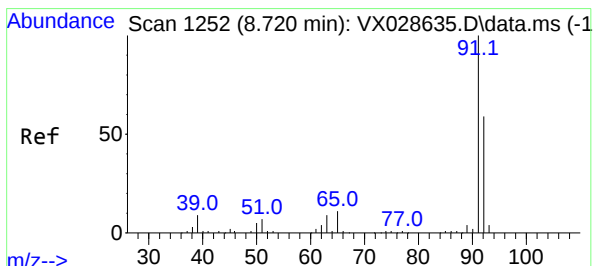
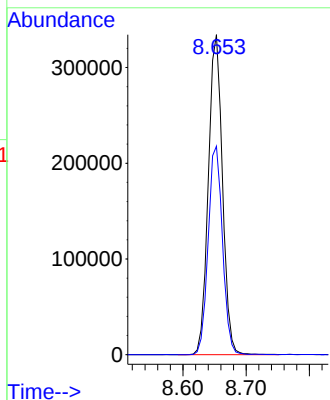
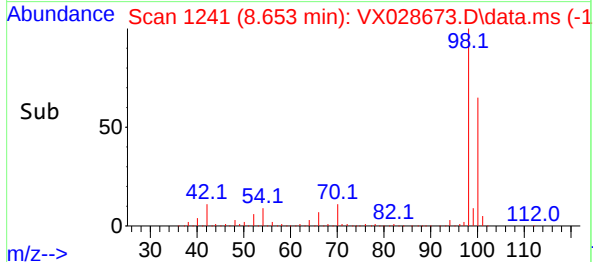
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



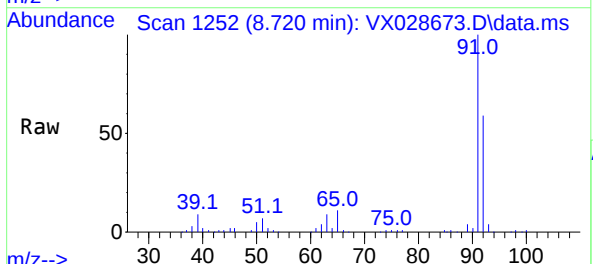
Tgt Ion: 98 Resp: 518440
Ion Ratio Lower Upper
98 100
100 66.0 52.6 78.8

Manual Integrations
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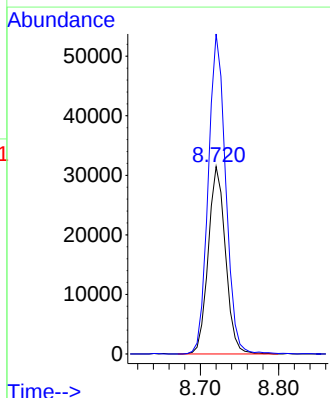
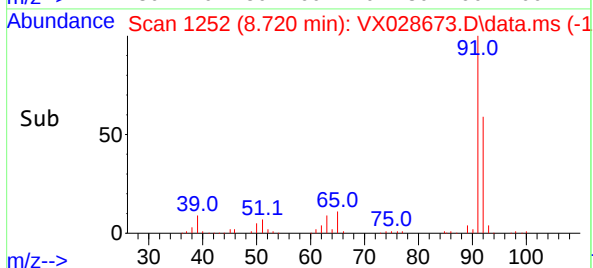
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022



#52
Toluene
Concen: 6.189 ug/l
RT: 8.720 min Scan# 1252
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



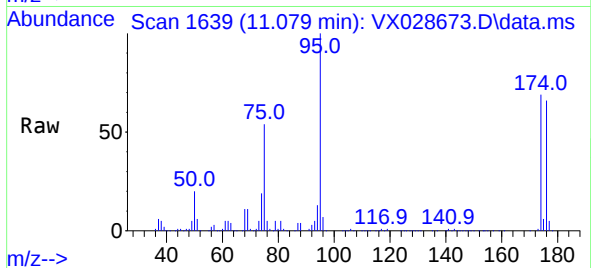
Tgt Ion: 92 Resp: 48024
Ion Ratio Lower Upper
92 100
91 173.0 137.5 206.3





#62
4-Bromofluorobenzene
Concen: 49.602 ug/l
RT: 11.079 min Scan# 1639
Delta R.T. -0.006 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

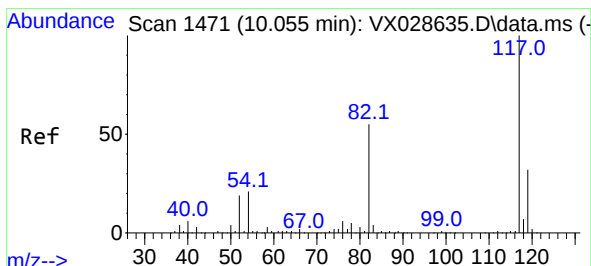
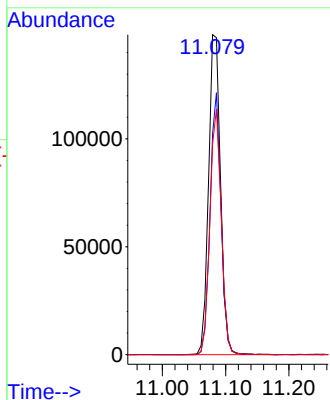
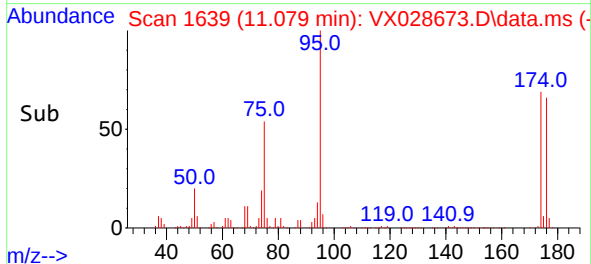
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MSVOA_X
ClientSampleId :
MW-2DDL



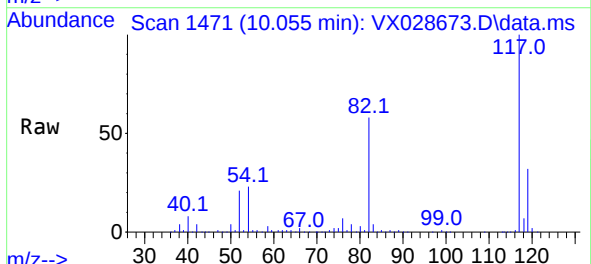
Tgt Ion: 95 Resp: 19518
Ion Ratio Lower Upper
95 100
174 75.4 0.0 163.0
176 72.8 0.0 155.0

Manual Integrations
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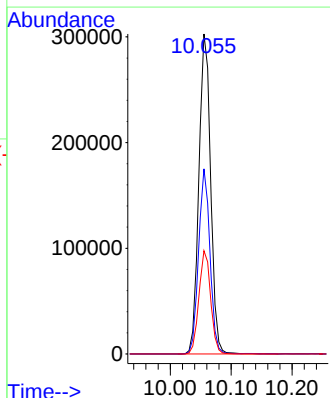
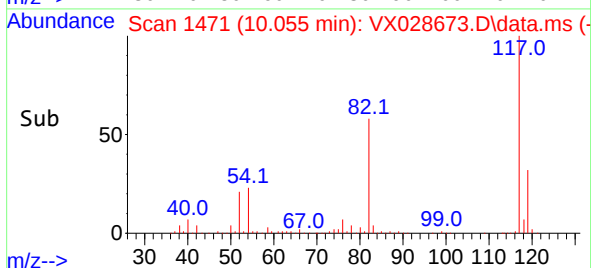
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

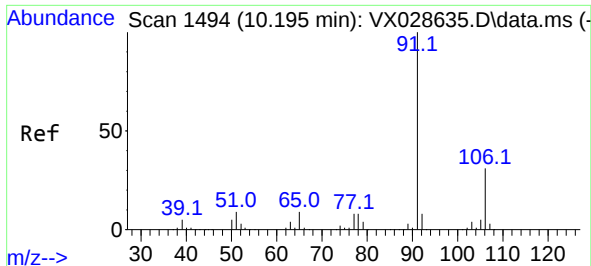


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



Tgt Ion:117 Resp: 406877
Ion Ratio Lower Upper
117 100
82 57.9 41.8 62.8
119 32.3 24.8 37.2





#67

Ethyl Benzene

Concen: 14.947 ug/l

RT: 10.195 min Scan# 1494

Delta R.T. 0.000 min

Lab File: VX028673.D

Acq: 13 May 2022 13:23

Instrument :

MSVOA_X

ClientSampleId :

MW-2DDL

Tgt Ion: 91 Resp: 231249

Ion Ratio Lower Upper

91 100

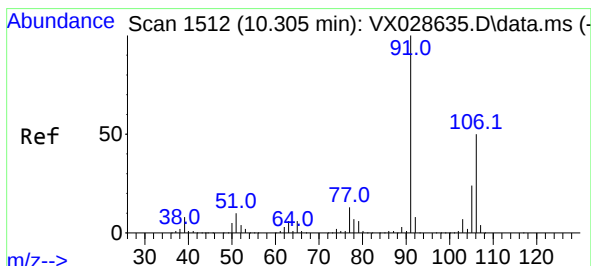
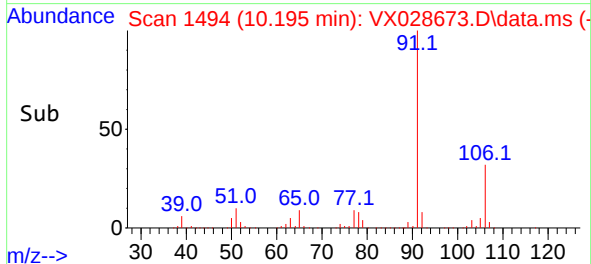
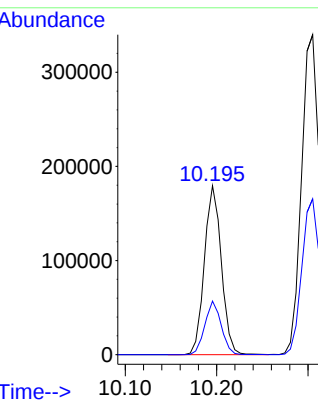
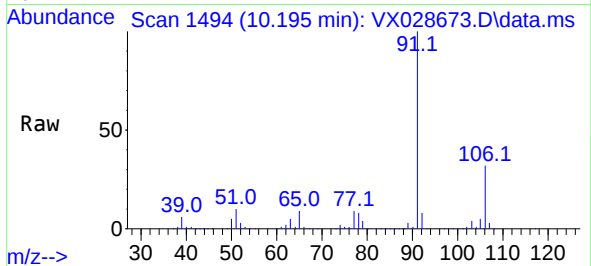
106 31.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :John Carlone 05/16/2022

Supervised By :Mahesh Dadoda 05/16/2022



#68

m/p-Xylenes

Concen: 37.605 ug/l

RT: 10.305 min Scan# 1512

Delta R.T. 0.000 min

Lab File: VX028673.D

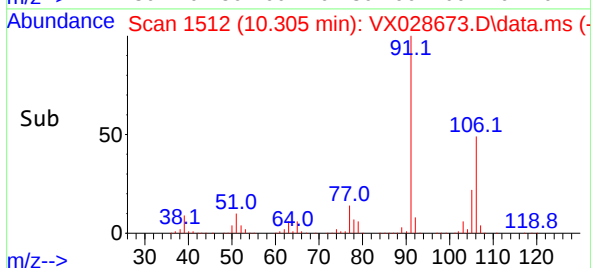
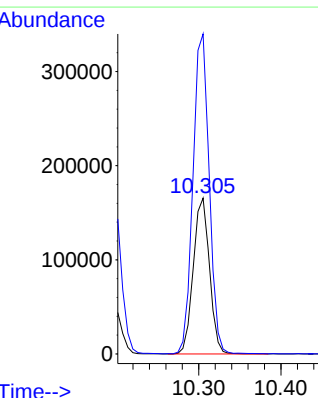
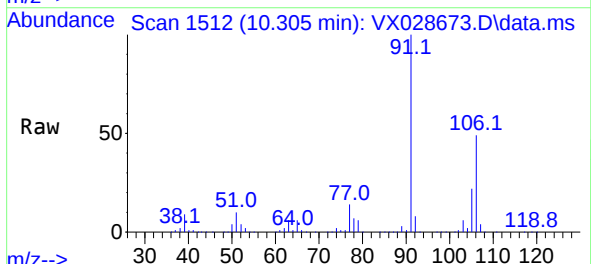
Acq: 13 May 2022 13:23

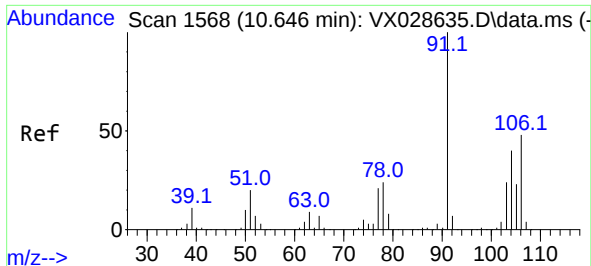
Tgt Ion:106 Resp: 226510

Ion Ratio Lower Upper

106 100

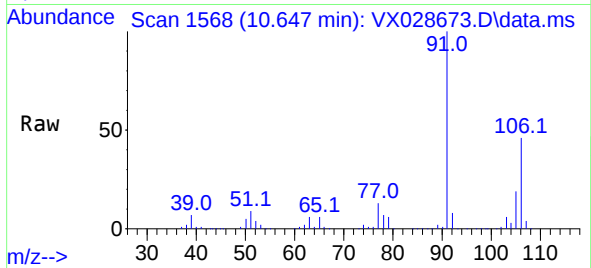
91 205.9 160.4 240.6





#69
o-Xylene
Concen: 18.771 ug/l
RT: 10.647 min Scan# 11
Delta R.T. 0.001 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

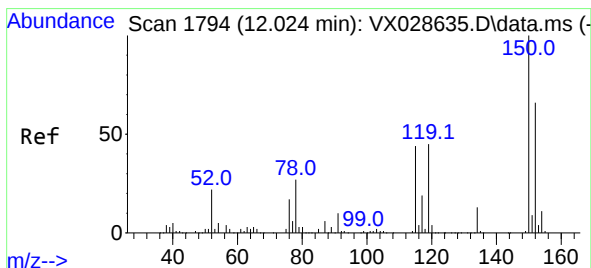
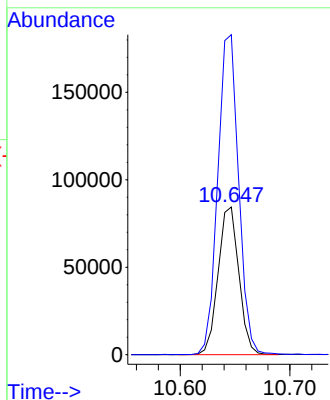
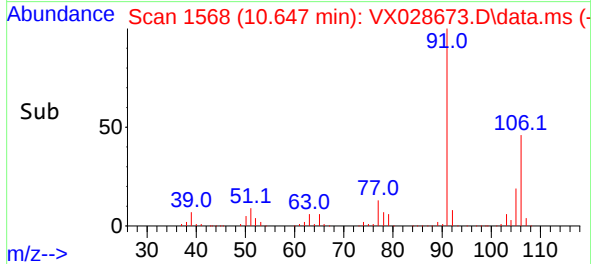
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



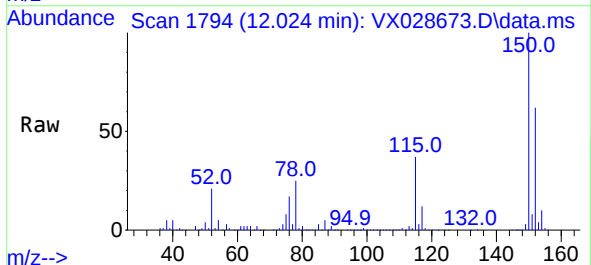
Tgt Ion:106 Resp: 11131
Ion Ratio Lower Upper
106 100
91 218.0 106.1 318.1

Manual Integrations
APPROVED

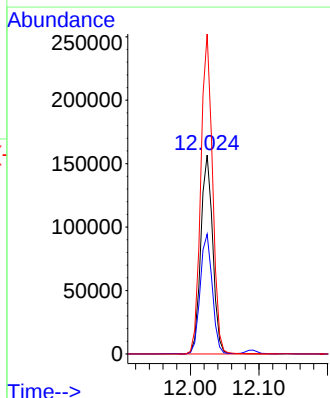
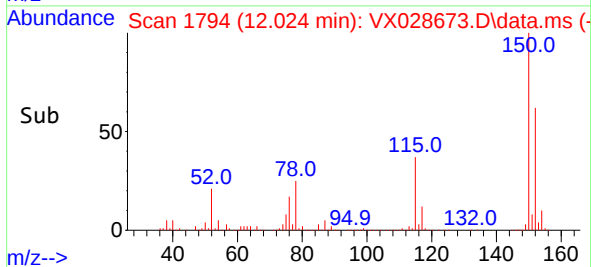
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

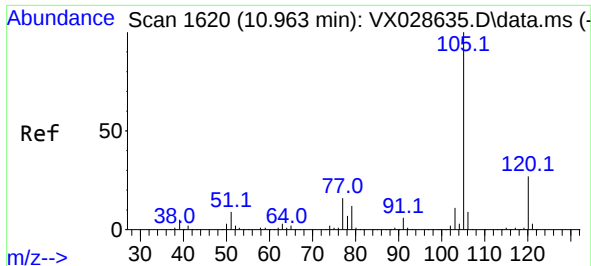


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



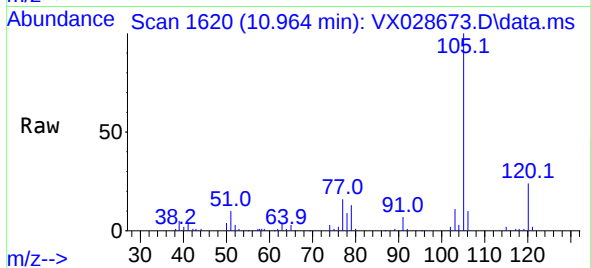
Tgt Ion:152 Resp: 190528
Ion Ratio Lower Upper
152 100
115 61.1 37.5 112.7
150 157.9 0.0 338.2





#73
Isopropylbenzene
Concen: 1.719 ug/l
RT: 10.964 min Scan# 1620
Delta R.T. 0.001 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

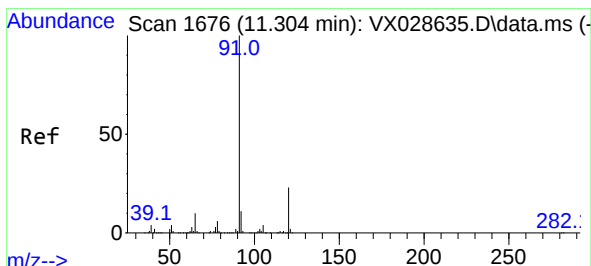
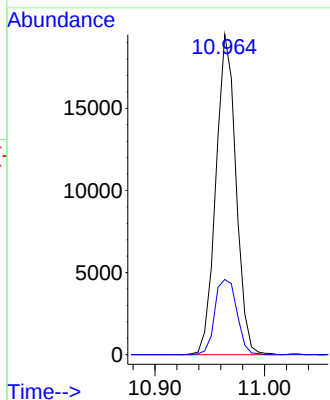
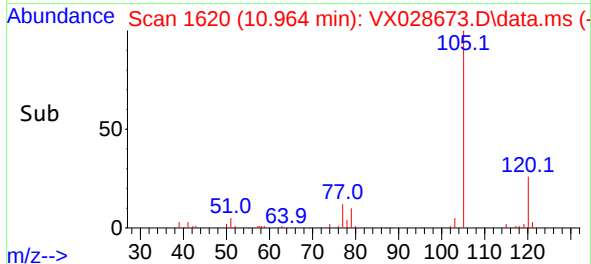
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



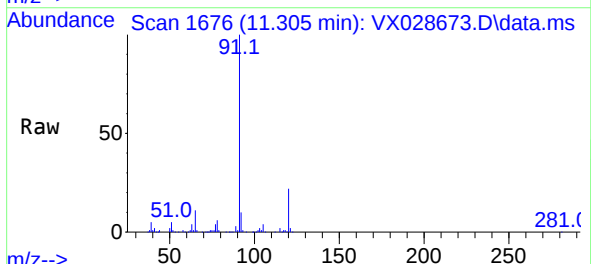
Tgt Ion:105 Resp: 2483
Ion Ratio Lower Upper
105 100
120 25.8 13.5 40.5

Manual Integrations
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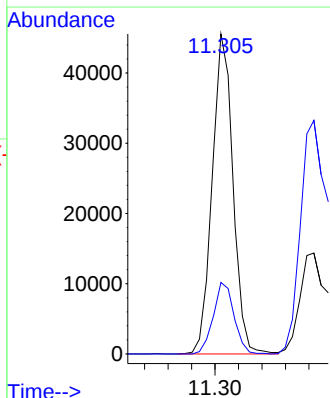
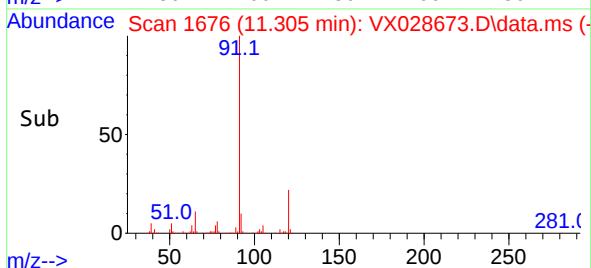
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

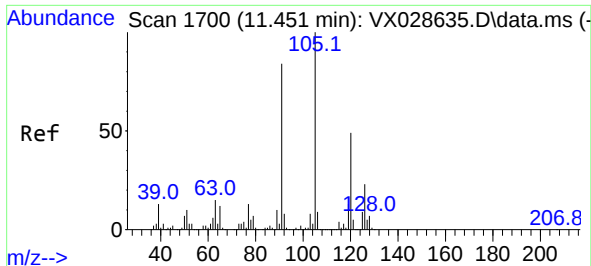


#78
n-propylbenzene
Concen: 3.349 ug/l
RT: 11.305 min Scan# 1676
Delta R.T. 0.001 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



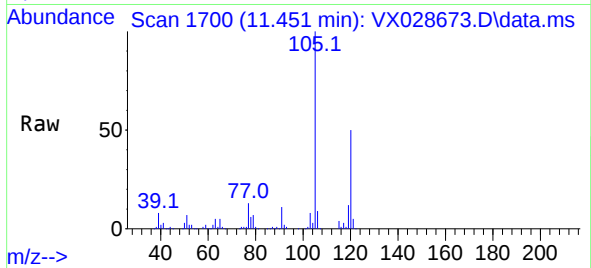
Tgt Ion: 91 Resp: 55971
Ion Ratio Lower Upper
91 100
120 22.3 11.6 34.8





#80
1,3,5-Trimethylbenzene
Concen: 5.872 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23

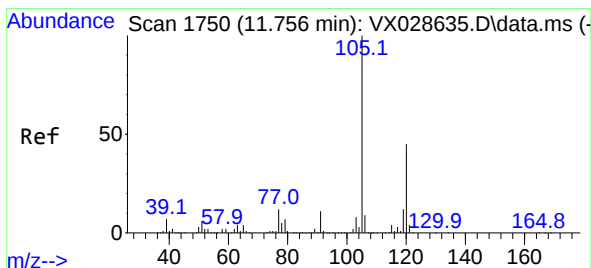
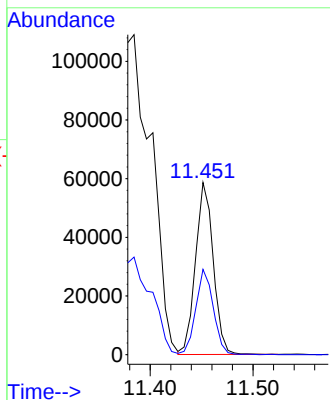
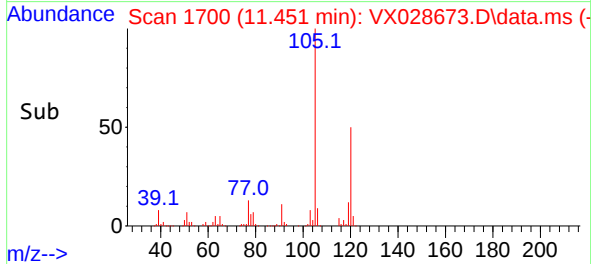
Instrument :
MSVOA_X
ClientSampleId :
MW-2DDL



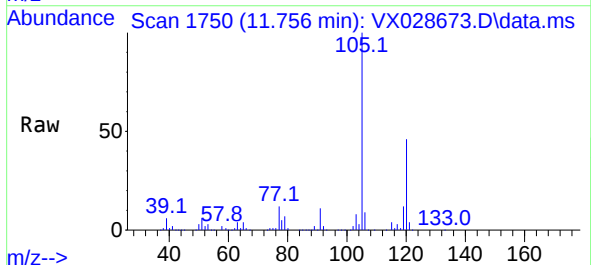
Tgt Ion:105 Resp: 70699
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.9

Manual Integrations
APPROVED

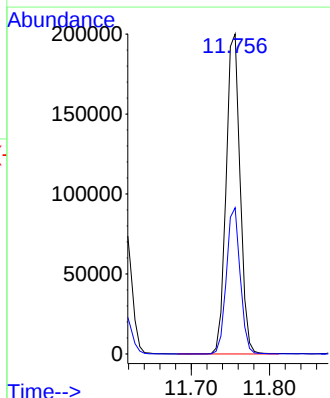
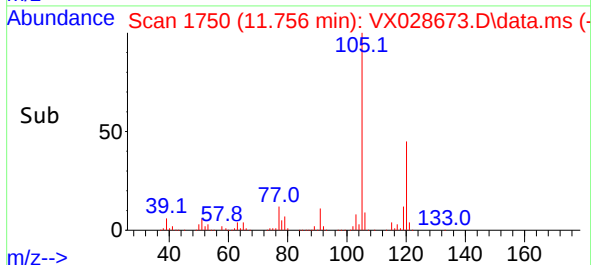
Reviewed By :John Carlone 05/16/2022
Supervised By :Mahesh Dadoda 05/16/2022

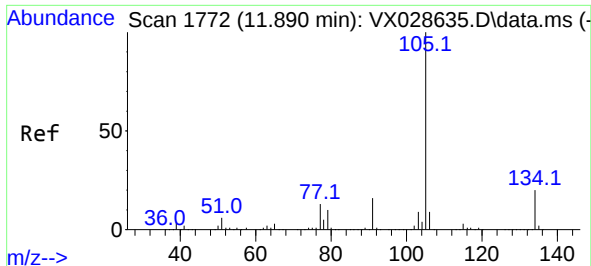


#84
1,2,4-Trimethylbenzene
Concen: 20.546 ug/l
RT: 11.756 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VX028673.D
Acq: 13 May 2022 13:23



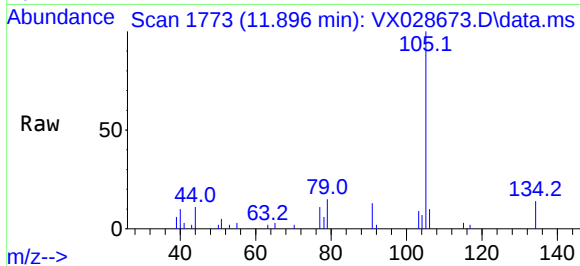
Tgt Ion:105 Resp: 248047
Ion Ratio Lower Upper
105 100
120 45.2 22.6 67.8





#85
 sec-Butylbenzene
 Concen: 0.335 ug/l m
 RT: 11.896 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VX028673.D
 Acq: 13 May 2022 13:23

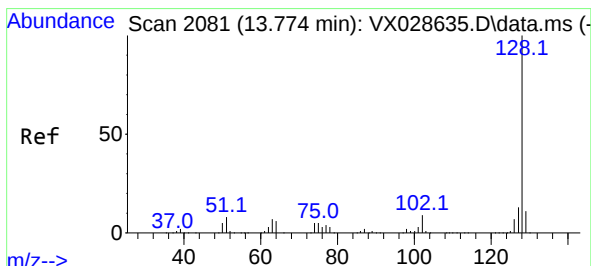
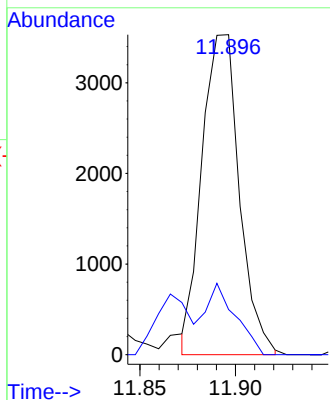
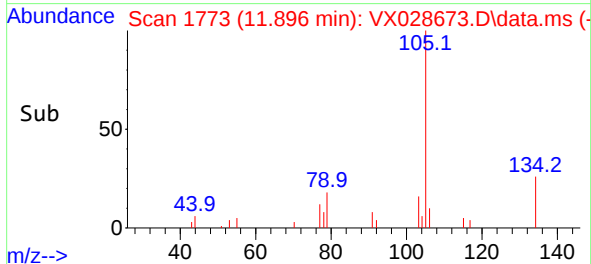
Instrument :
 MSVOA_X
 ClientSampleId :
 MW-2DDL



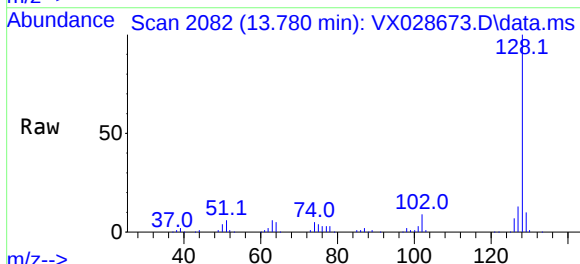
Tgt Ion:105 Resp: 482
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.2 30.4

Manual Integrations
 APPROVED

Reviewed By :John Carlone 05/16/2022
 Supervised By :Mahesh Dadoda 05/16/2022



#95
 Naphthalene
 Concen: 5.181 ug/l
 RT: 13.780 min Scan# 2082
 Delta R.T. 0.006 min
 Lab File: VX028673.D
 Acq: 13 May 2022 13:23



Tgt Ion:128 Resp: 70148
 Ion Ratio Lower Upper
 128 100
 127 13.6 10.2 15.4
 129 11.2 8.7 13.1

