

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
 Data File : VX026660.D
 Acq On : 28 Jan 2022 18:40
 Operator : JC/MD
 Sample : N1297-12
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 GES-1

Quant Time: Jan 29 02:20:30 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

Manual Integrations APPROVED

Reviewed By : John Carlone 01/31/2022
 Supervised By : Mahesh Dadoda 01/31/2022

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

Internal Standards						
1) Pentafluorobenzene	5.562	168	125789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	6.769	114	209509	50.000	ug/l	0.00
63) Chlorobenzene-d5	10.055	117	186701	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.024	152	79775	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.958	65	80065	45.565	ug/l	0.00
Spiked Amount 50.000	Range 78 - 117		Recovery =	91.120%		
35) Dibromofluoromethane	5.391	113	65710	48.568	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.140%		
50) Toluene-d8	8.653	98	250106	51.299	ug/l	0.00
Spiked Amount 50.000	Range 92 - 112		Recovery =	102.600%		
62) 4-Bromofluorobenzene	11.085	95	86842	50.142	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	100.280%		
Target Compounds						
					Qvalue	
16) Acetone	2.386	43	2284	2.549	ug/l	97
25) 2-Butanone	4.580	43	1580	1.356	ug/l #	88
31) Cyclohexane	5.483	56	38418	14.823	ug/l	93
39) Methylcyclohexane	7.385	83	18596	7.218	ug/l	93
40) Benzene	6.050	78	57758	9.784	ug/l	100
52) Toluene	8.720	92	791756	218.708	ug/l	99
67) Ethyl Benzene	10.201	91	3458032	483.999	ug/l	94
68) m/p-Xylenes	10.305	106	902032	337.364	ug/l	96
69) o-Xylene	10.646	106	800656	310.332	ug/l	95
73) Isopropylbenzene	10.963	105	215601	32.971	ug/l	99
78) n-propylbenzene	11.305	91	656253	88.007	ug/l	100
80) 1,3,5-Trimethylbenzene	11.451	105	474326	87.985	ug/l	99
84) 1,2,4-Trimethylbenzene	11.756	105	1707551	316.680	ug/l	96
86) p-Isopropyltoluene	12.012	119	15085	2.762	ug/l #	75
89) n-Butylbenzene	12.329	91	27927m	5.959	ug/l	
95) Naphthalene	13.780	128	892906	157.352	ug/l	99

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

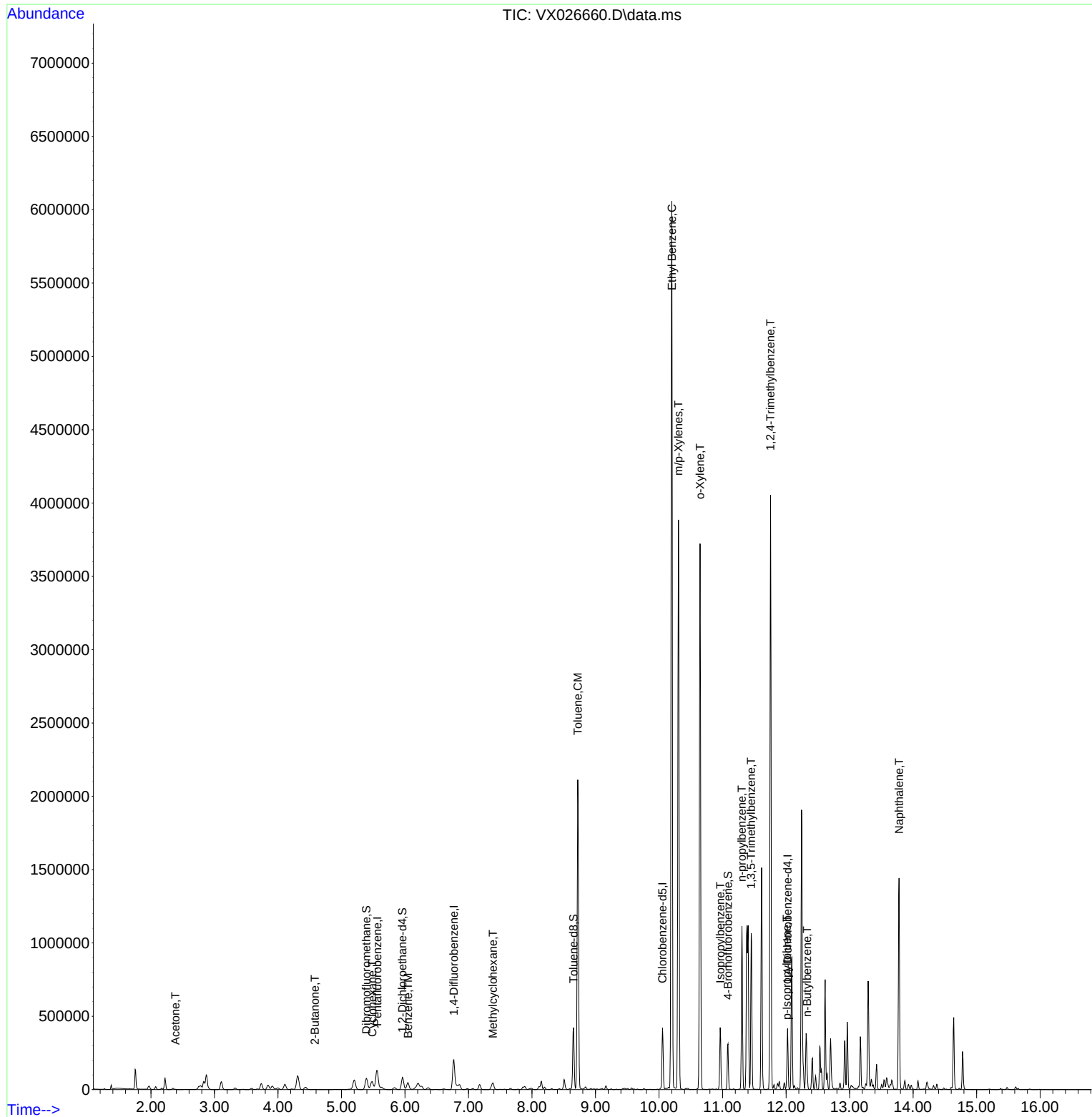
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX012822\
Data File : VX026660.D
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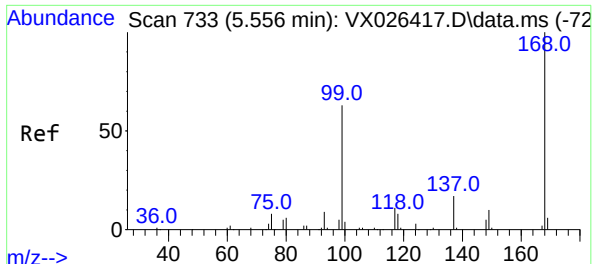
Instrument :
MSVOA_X
ClientSampleId :
GES-1

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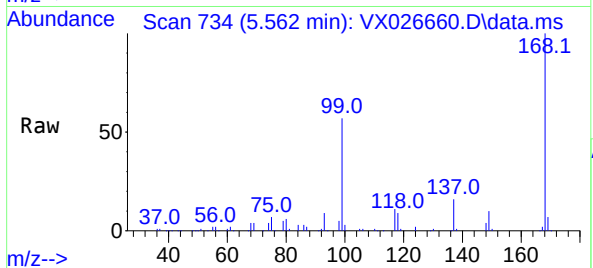
Quant Time: Jan 29 02:20:30 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\82X011122W.M
Quant Title : SW846 8260
QLast Update : Tue Jan 11 14:45:13 2022
Response via : Initial Calibration





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.562 min Scan# 71
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

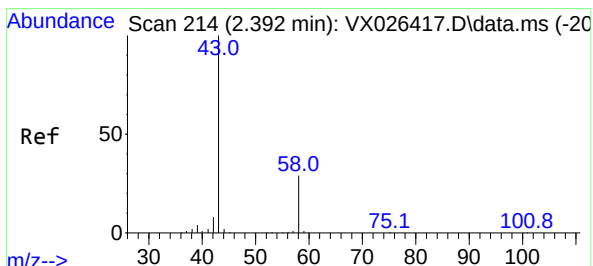
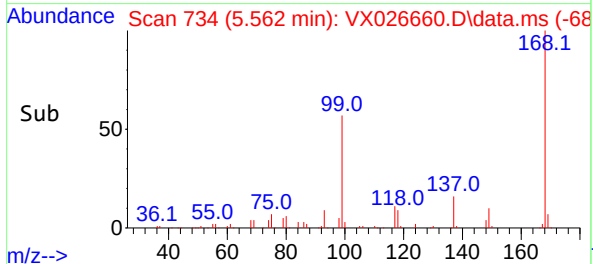
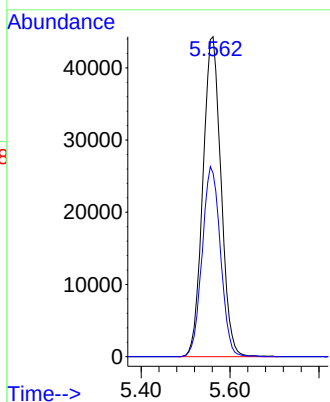
Instrument :
MSVOA_X
ClientSampleId :
GES-1



Tgt Ion:168 Resp: 125789
Ion Ratio Lower Upper
168 100
99 57.3 50.3 75.5

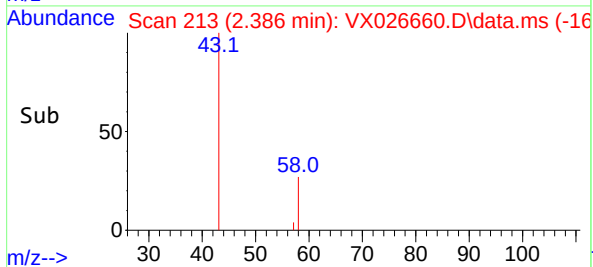
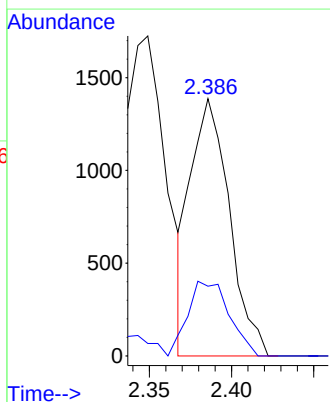
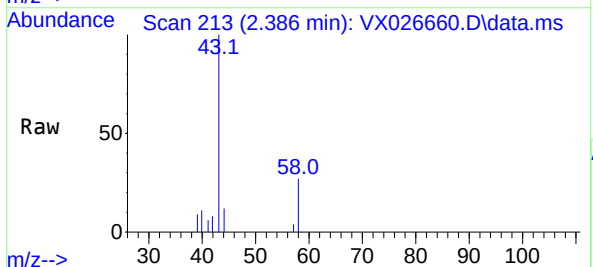
Manual Integrations
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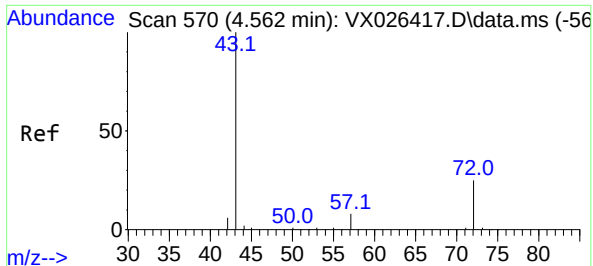
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#16
Acetone
Concen: 2.549 ug/l
RT: 2.386 min Scan# 213
Delta R.T. -0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

Tgt Ion: 43 Resp: 2284
Ion Ratio Lower Upper
43 100
58 27.1 23.0 34.6





#25

2-Butanone

Concen: 1.356 ug/l

RT: 4.580 min Scan# 51

Delta R.T. 0.018 min

Lab File: VX026660.D

Acq: 28 Jan 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

GES-1

Tgt Ion: 43 Resp: 1580

Ion Ratio Lower Upper

43 100

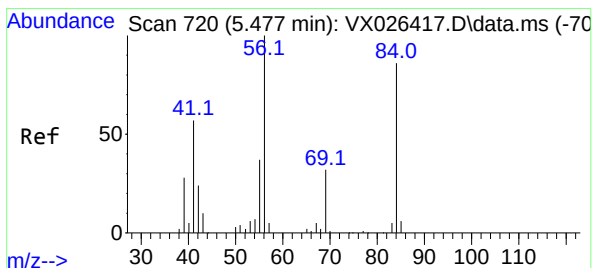
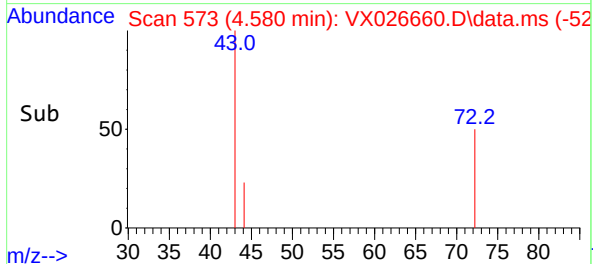
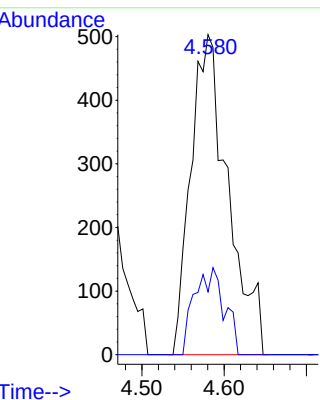
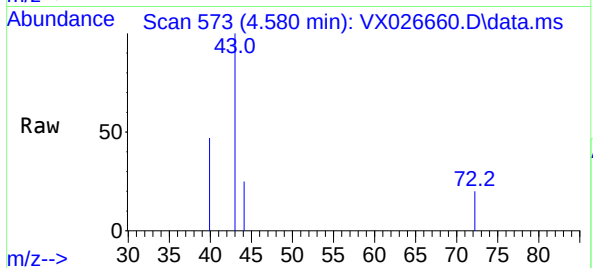
72 19.7 20.4 30.6

Manual Integrations

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#31

Cyclohexane

Concen: 14.823 ug/l

RT: 5.483 min Scan# 721

Delta R.T. 0.006 min

Lab File: VX026660.D

Acq: 28 Jan 2022 18:40

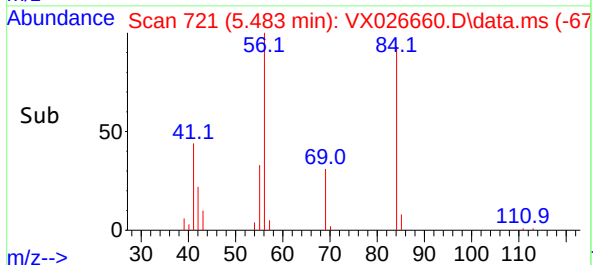
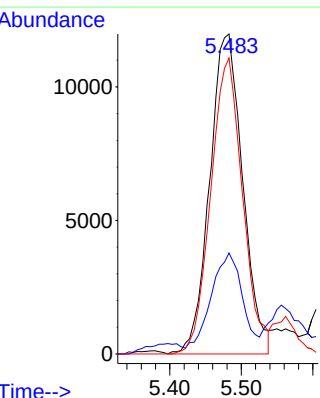
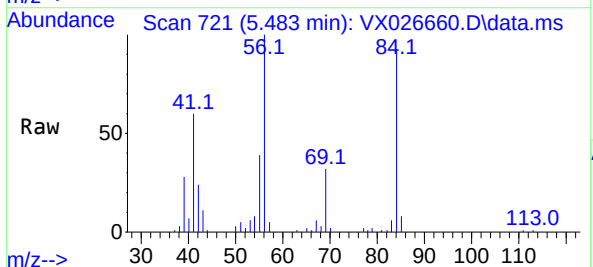
Tgt Ion: 56 Resp: 38418

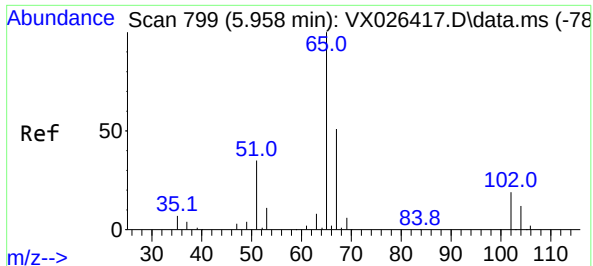
Ion Ratio Lower Upper

56 100

69 28.3 25.8 38.6

84 92.5 68.9 103.3





#33

1,2-Dichloroethane-d4

Concen: 45.565 ug/l

RT: 5.958 min Scan# 799

Delta R.T. 0.000 min

Lab File: VX026660.D

Acq: 28 Jan 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

GES-1

Tgt Ion: 65 Resp: 8006

Ion Ratio Lower Upper

65 100

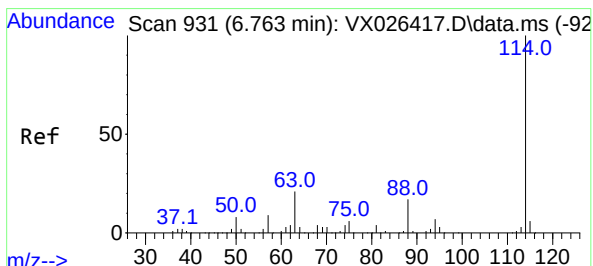
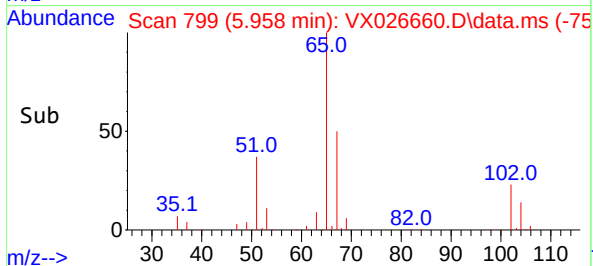
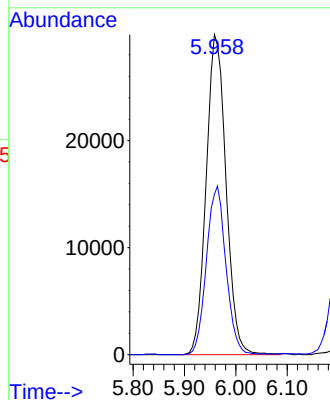
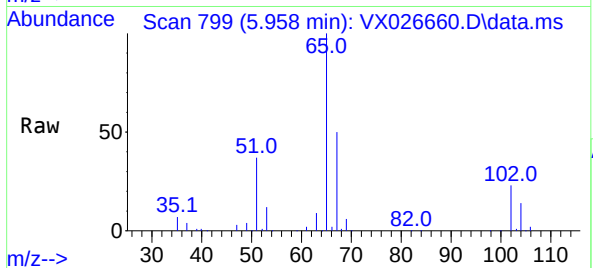
67 51.9 0.0 100.8

Manual Integrations

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#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.769 min Scan# 932

Delta R.T. 0.006 min

Lab File: VX026660.D

Acq: 28 Jan 2022 18:40

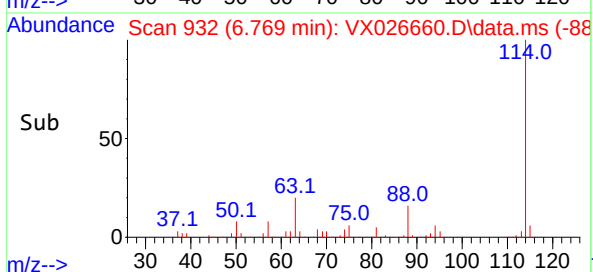
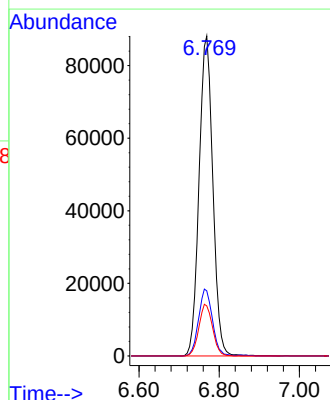
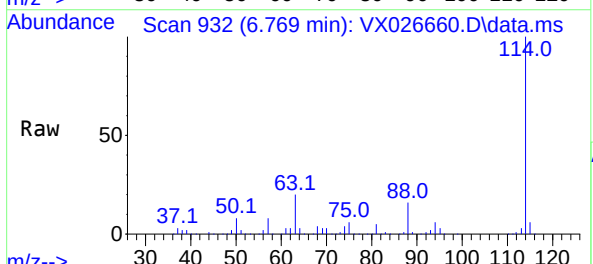
Tgt Ion:114 Resp: 209509

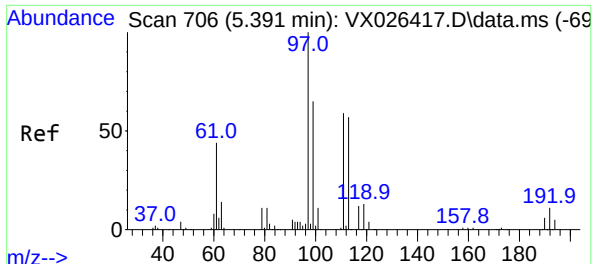
Ion Ratio Lower Upper

114 100

63 20.3 0.0 42.8

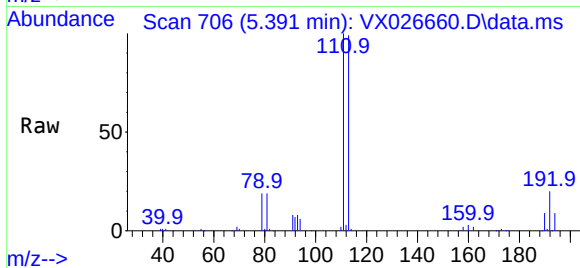
88 15.7 0.0 33.0





#35
Dibromofluoromethane
Concen: 48.568 ug/l
RT: 5.391 min Scan# 706
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

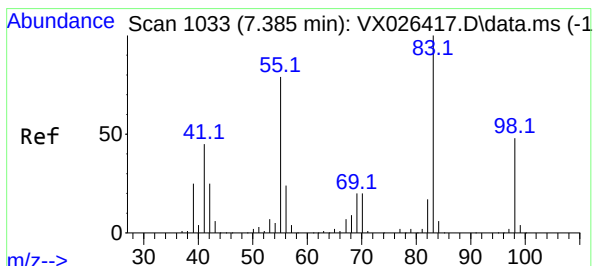
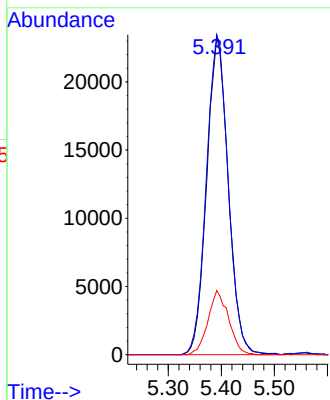
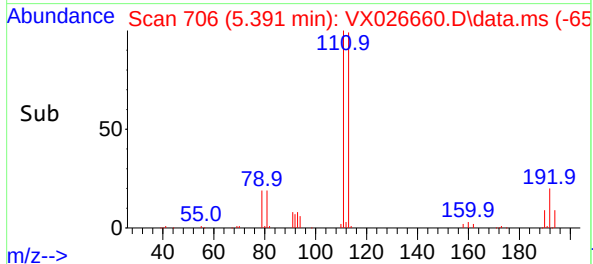
Instrument :
MSVOA_X
ClientSampleId :
GES-1



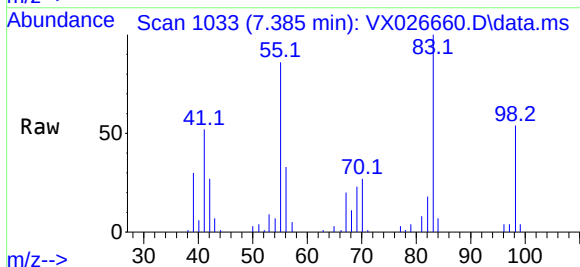
Tgt Ion: 113 Resp: 65710
Ion Ratio Lower Upper
113 100
111 102.1 81.2 121.8
192 19.3 15.0 22.4

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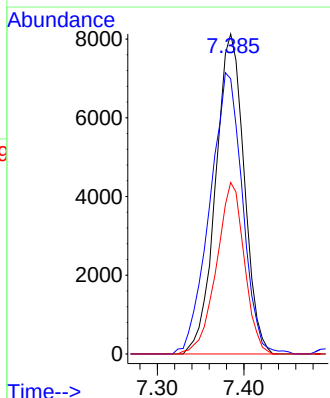
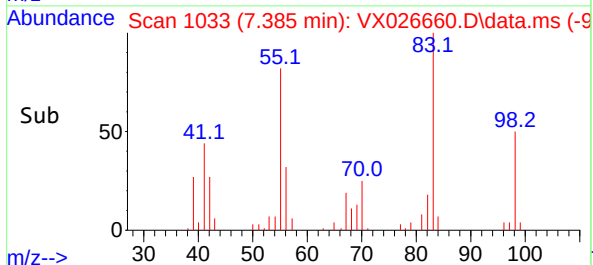
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

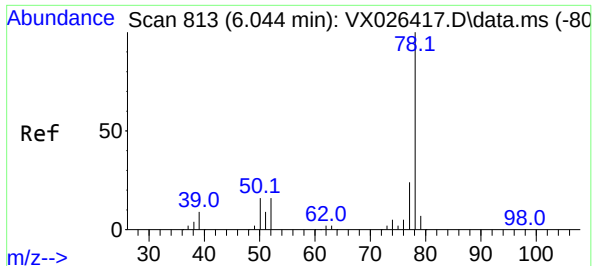


#39
Methylcyclohexane
Concen: 7.218 ug/l
RT: 7.385 min Scan# 1033
Delta R.T. -0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



Tgt Ion: 83 Resp: 18596
Ion Ratio Lower Upper
83 100
55 85.1 63.6 95.4
98 53.6 38.4 57.6





#40

Benzene

Concen: 9.784 ug/l

RT: 6.050 min Scan# 813

Delta R.T. 0.006 min

Lab File: VX026660.D

Acq: 28 Jan 2022 18:40

Instrument :

MSVOA_X

ClientSampleId :

GES-1

Tgt Ion: 78 Resp: 5775

Ion Ratio Lower Upper

78 100

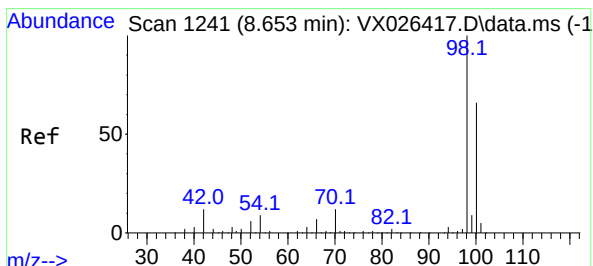
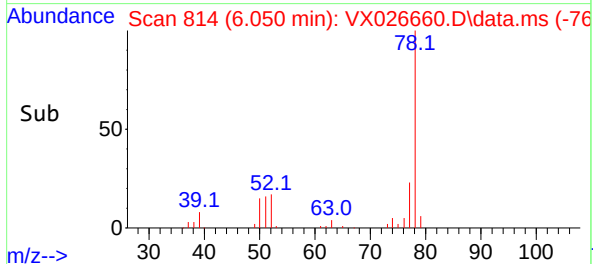
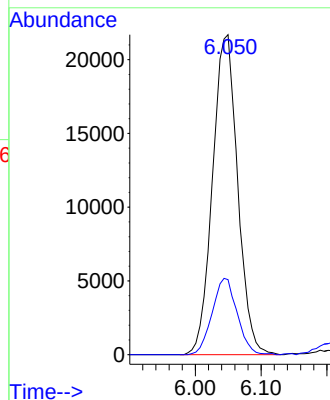
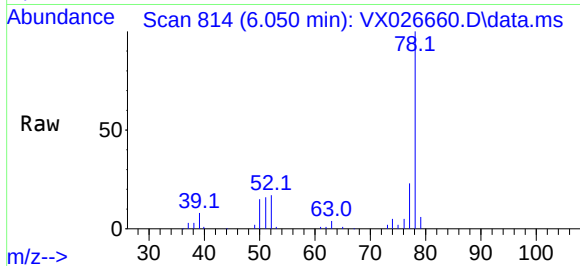
77 23.4 18.9 28.3

Manual Integrations

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#50

Toluene-d8

Concen: 51.299 ug/l

RT: 8.653 min Scan# 1241

Delta R.T. 0.000 min

Lab File: VX026660.D

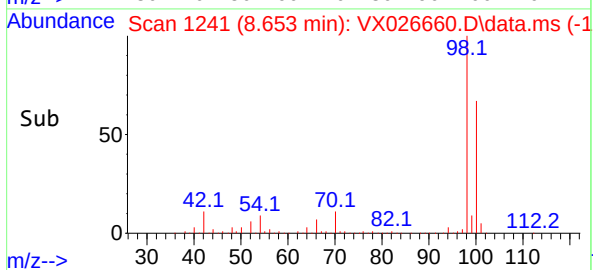
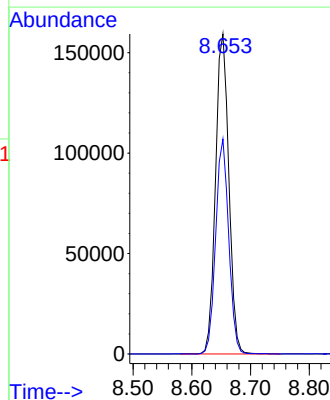
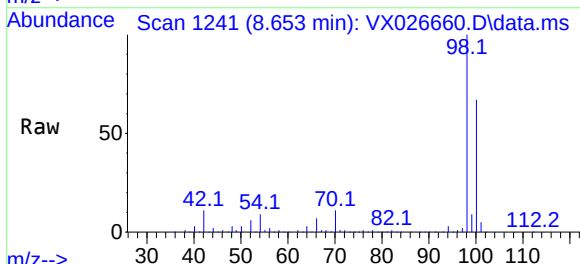
Acq: 28 Jan 2022 18:40

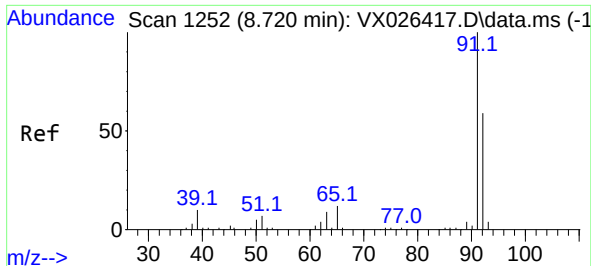
Tgt Ion: 98 Resp: 250106

Ion Ratio Lower Upper

98 100

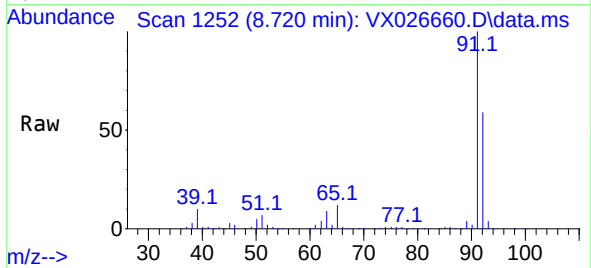
100 65.8 53.2 79.8





#52
Toluene
Concen: 218.708 ug/l
RT: 8.720 min Scan# 11
Delta R.T. -0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

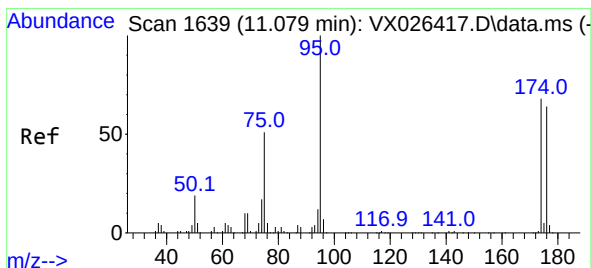
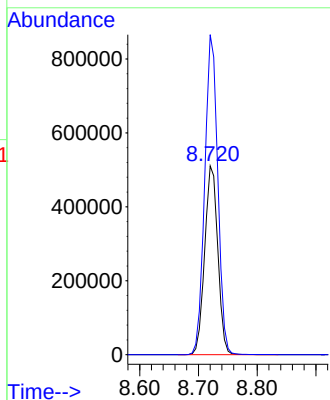
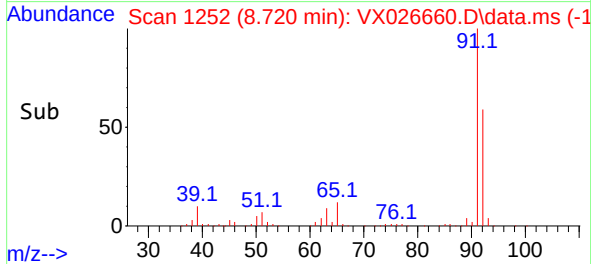
Instrument :
MSVOA_X
ClientSampleId :
GES-1



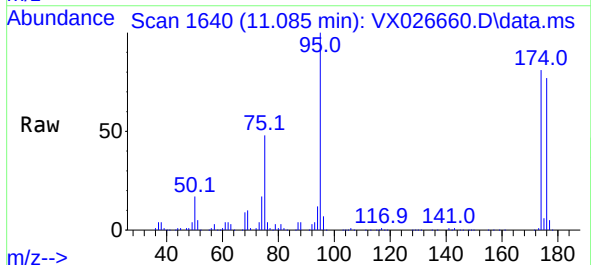
Tgt Ion: 92 Resp: 791750
Ion Ratio Lower Upper
92 100
91 168.6 135.7 203.5

Manual Integrations
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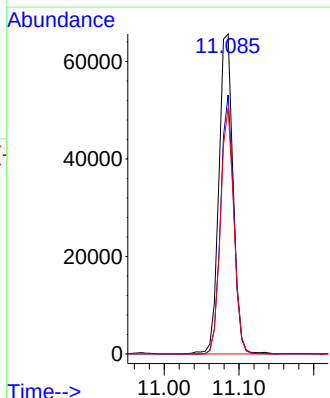
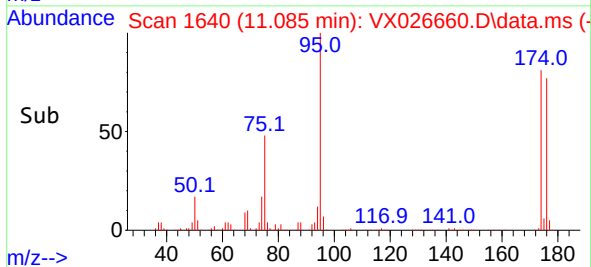
Reviewed By :John Carlone 01/31/2022
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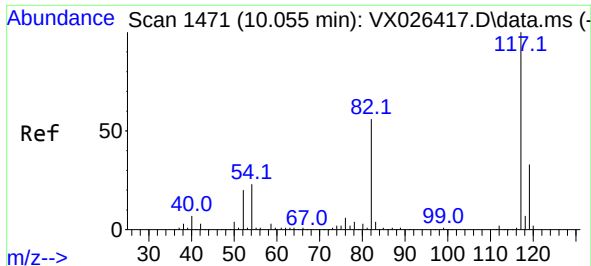


#62
4-Bromofluorobenzene
Concen: 50.142 ug/l
RT: 11.085 min Scan# 1640
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



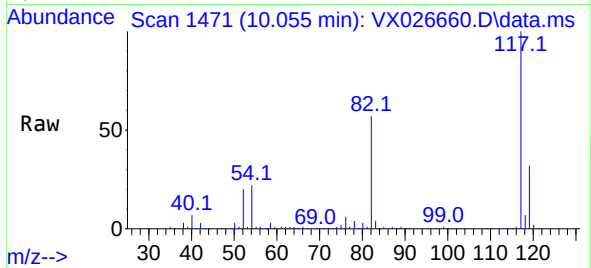
Tgt Ion: 95 Resp: 86842
Ion Ratio Lower Upper
95 100
174 75.2 0.0 148.6
176 72.3 0.0 141.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.055 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

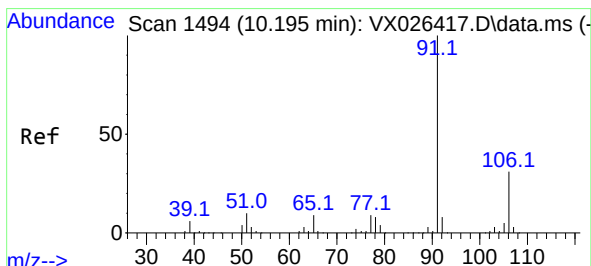
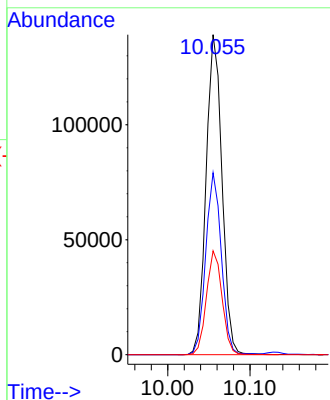
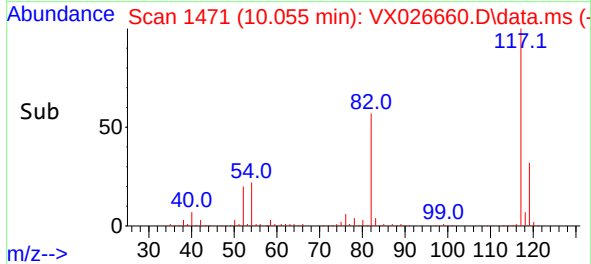
Instrument :
MSVOA_X
ClientSampleId :
GES-1



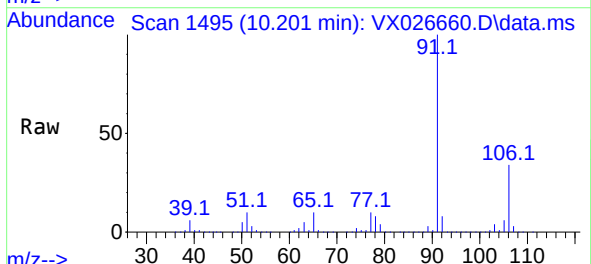
Tgt Ion:117 Resp: 18670
Ion Ratio Lower Upper
117 100
82 56.9 45.2 67.8
119 32.4 26.2 39.2

Manual Integrations
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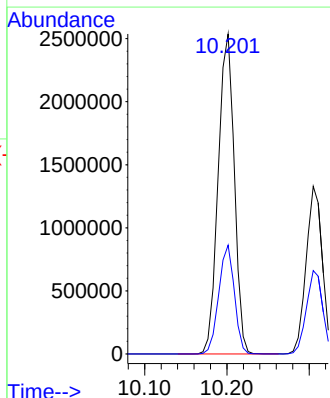
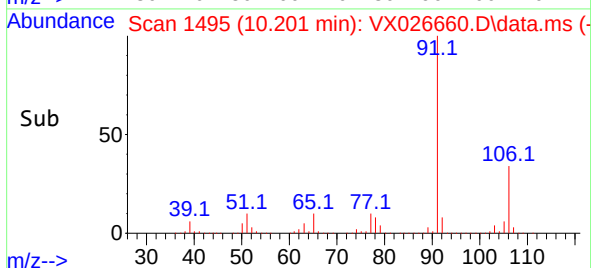
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

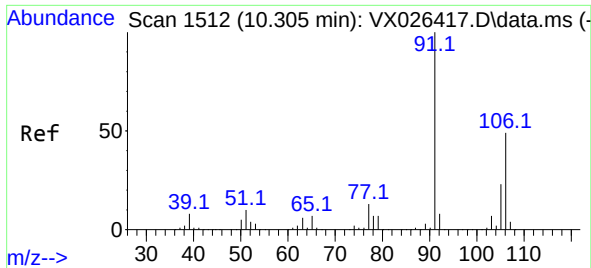


#67
Ethyl Benzene
Concen: 483.999 ug/l
RT: 10.201 min Scan# 1495
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



Tgt Ion: 91 Resp: 3458032
Ion Ratio Lower Upper
91 100
106 34.0 24.7 37.1





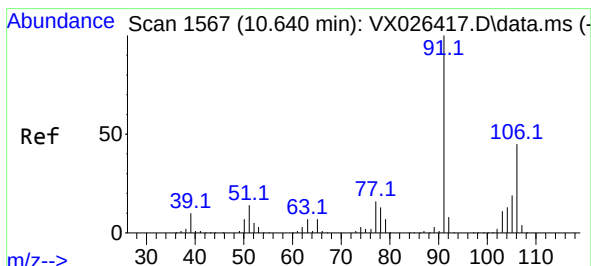
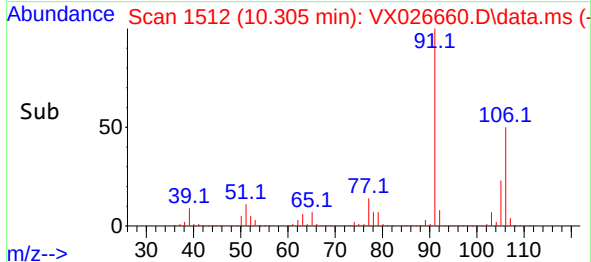
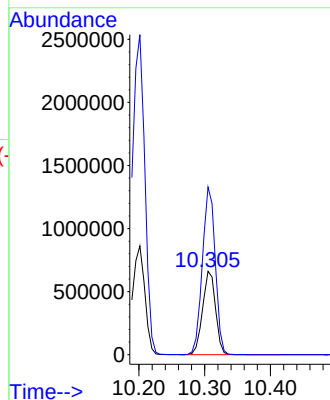
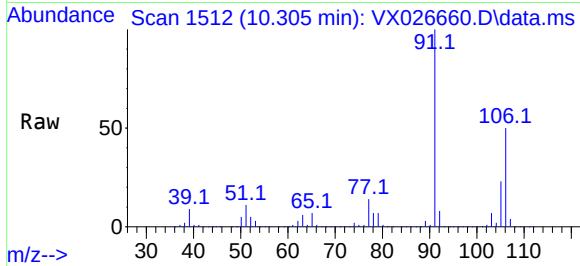
#68
m/p-Xylenes
Concen: 337.364 ug/l
RT: 10.305 min Scan# 1512
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

Instrument :
MSVOA_X
ClientSampleId :
GES-1

Tgt Ion:106 Resp: 902032
Ion Ratio Lower Upper
106 100
91 200.9 165.3 247.9

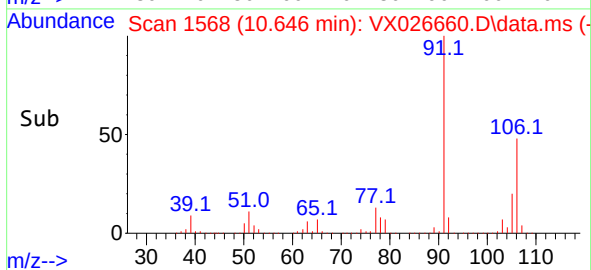
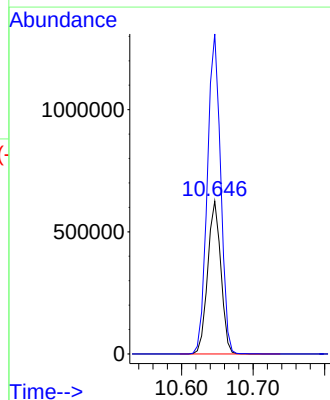
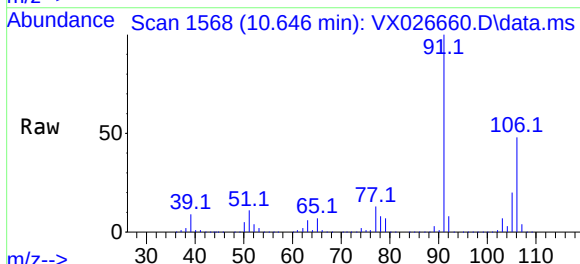
Manual Integrations
APPROVED

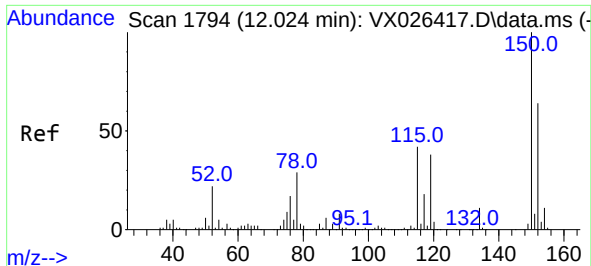
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#69
o-Xylene
Concen: 310.332 ug/l
RT: 10.646 min Scan# 1568
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

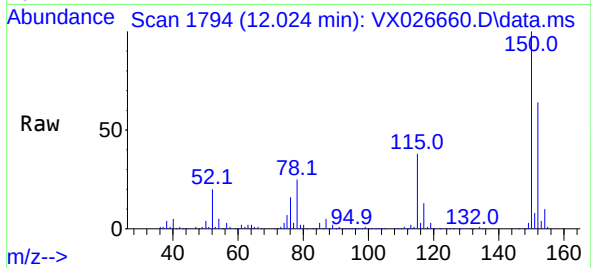
Tgt Ion:106 Resp: 800656
Ion Ratio Lower Upper
106 100
91 211.8 109.7 329.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.024 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

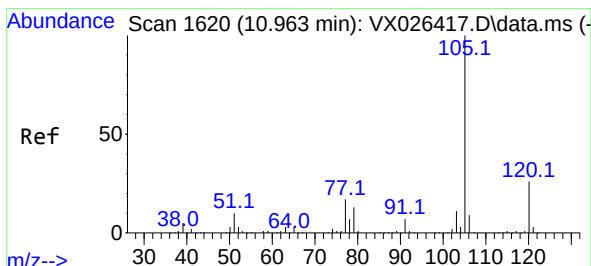
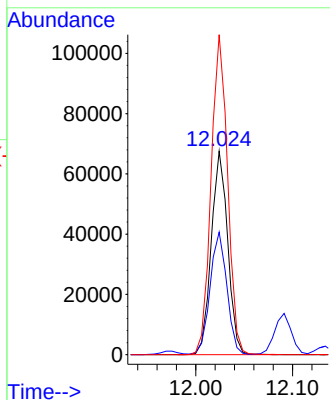
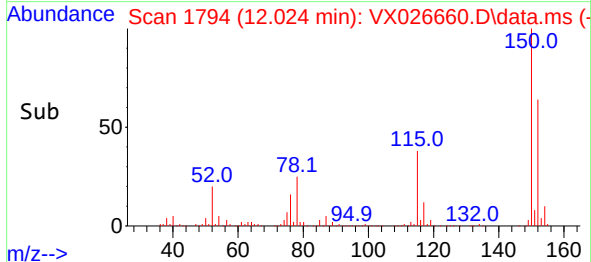
Instrument :
MSVOA_X
ClientSampleId :
GES-1



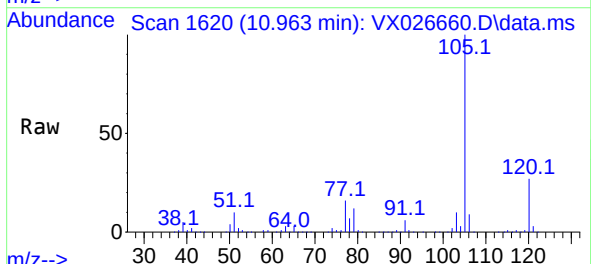
Tgt Ion:152 Resp: 79775
Ion Ratio Lower Upper
152 100
115 60.9 44.2 132.6
150 157.8 0.0 348.2

Manual Integrations
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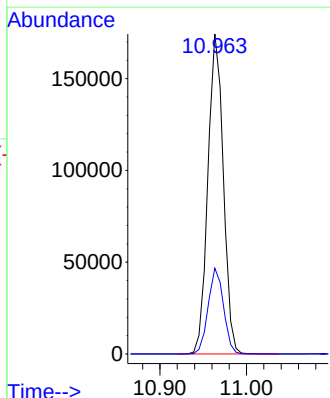
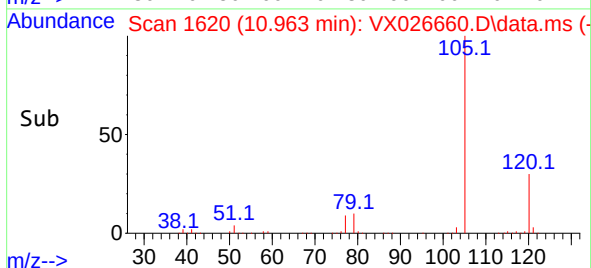
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

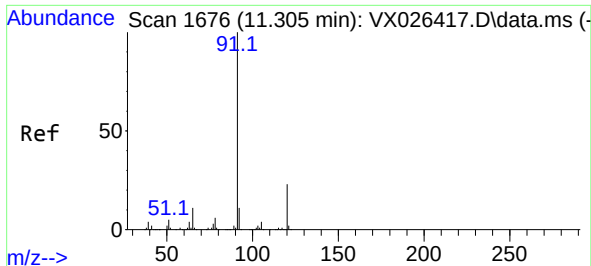


#73
Isopropylbenzene
Concen: 32.971 ug/l
RT: 10.963 min Scan# 1620
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



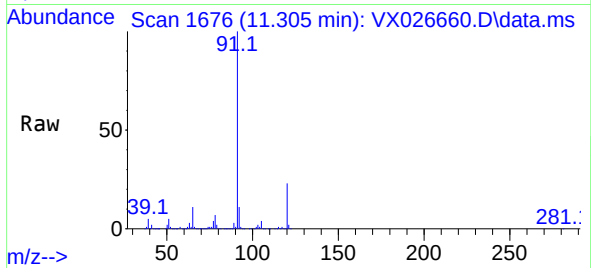
Tgt Ion:105 Resp: 215601
Ion Ratio Lower Upper
105 100
120 26.6 13.1 39.1





#78
n-propylbenzene
Concen: 88.007 ug/l
RT: 11.305 min Scan# 1
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

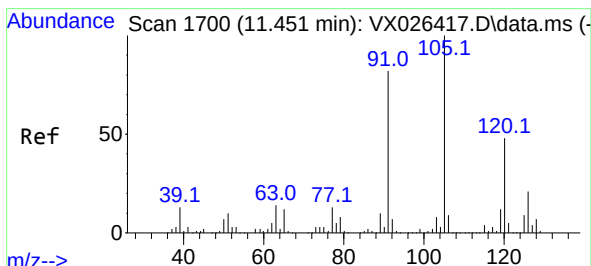
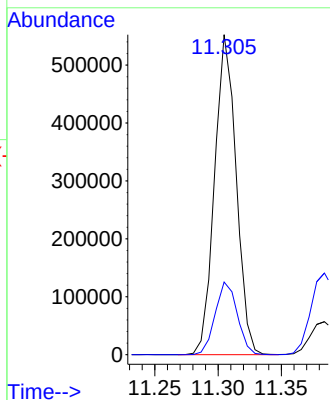
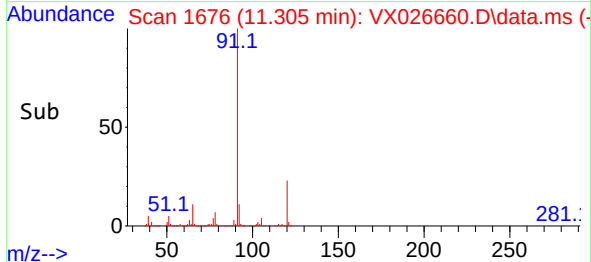
Instrument :
MSVOA_X
ClientSampleId :
GES-1



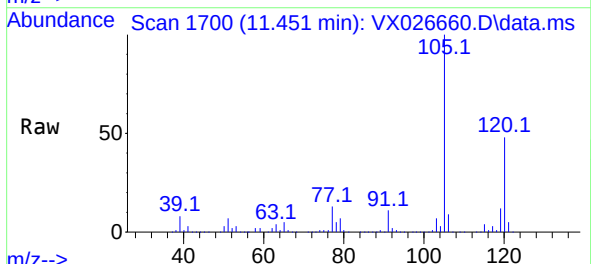
Tgt Ion: 91 Resp: 65625
Ion Ratio Lower Upper
91 100
120 23.2 11.6 34.7

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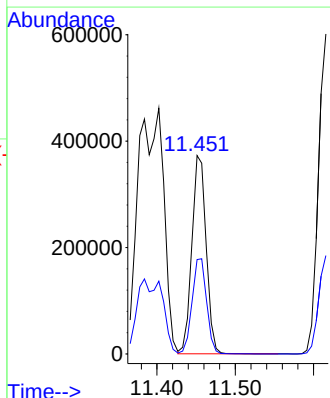
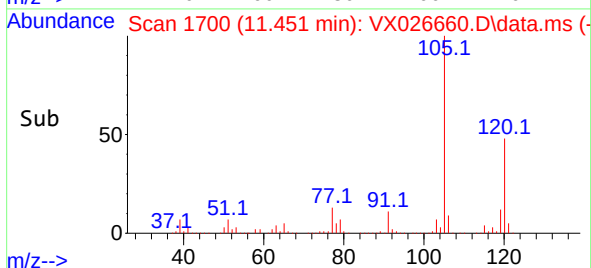
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

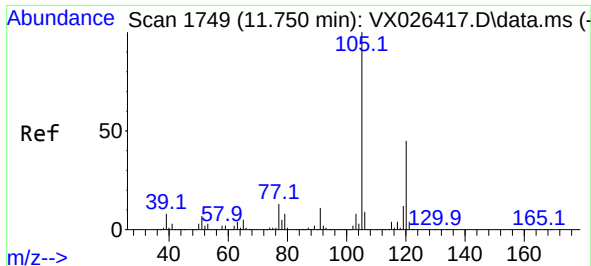


#80
1,3,5-Trimethylbenzene
Concen: 87.985 ug/l
RT: 11.451 min Scan# 1700
Delta R.T. 0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



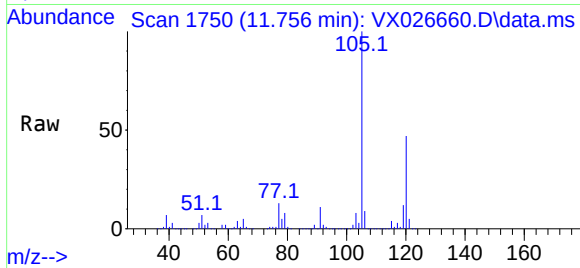
Tgt Ion:105 Resp: 474326
Ion Ratio Lower Upper
105 100
120 48.7 24.0 72.0





#84
1,2,4-Trimethylbenzene
Concen: 316.680 ug/l
RT: 11.756 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

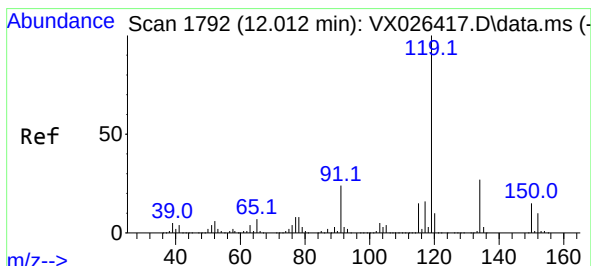
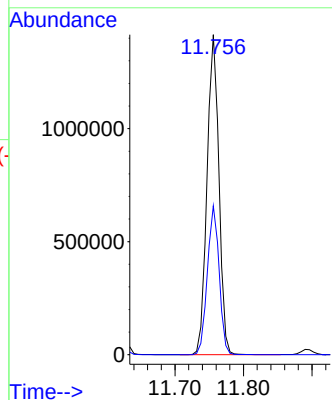
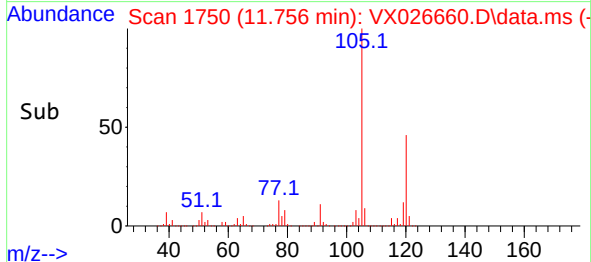
Instrument :
MSVOA_X
ClientSampleId :
GES-1



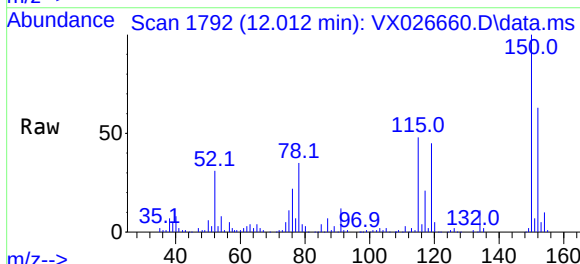
Tgt Ion:105 Resp: 170755
Ion Ratio Lower Upper
105 100
120 46.1 21.9 65.5

Manual Integrations
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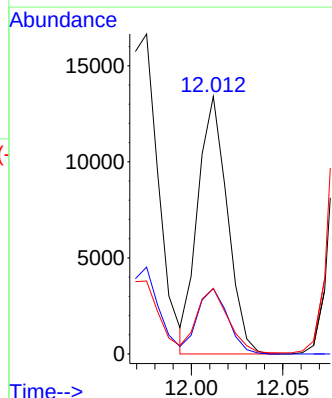
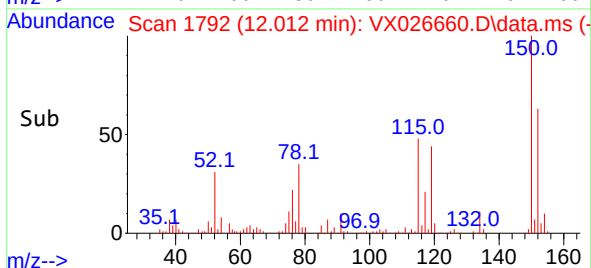
Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022

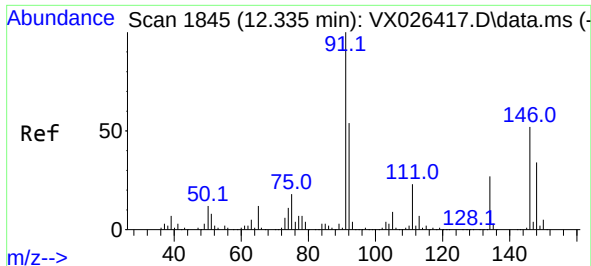


#86
p-Isopropyltoluene
Concen: 2.762 ug/l
RT: 12.012 min Scan# 1792
Delta R.T. -0.000 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



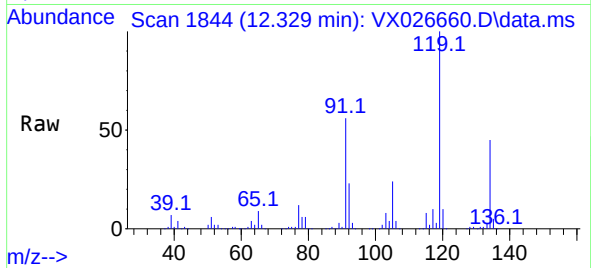
Tgt Ion:119 Resp: 15085
Ion Ratio Lower Upper
119 100
134 26.0 13.0 39.0
91 0.0 12.6 37.6#





#89
n-Butylbenzene
Concen: 5.959 ug/l m
RT: 12.329 min Scan# 1844
Delta R.T. -0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40

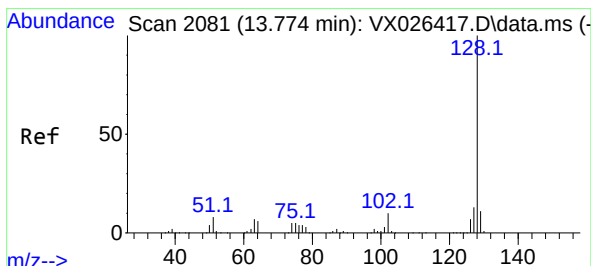
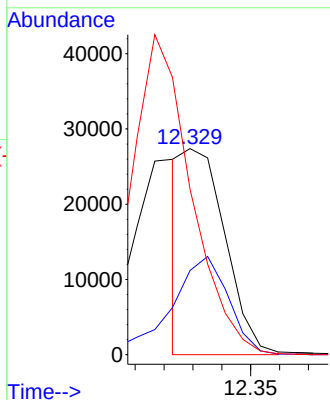
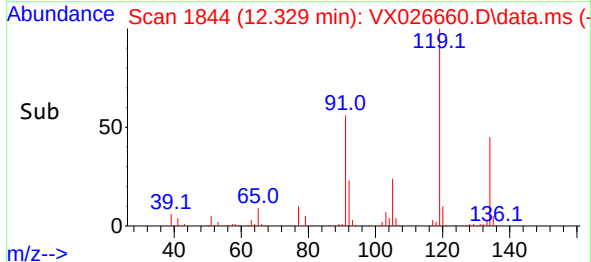
Instrument :
MSVOA_X
ClientSampleId :
GES-1



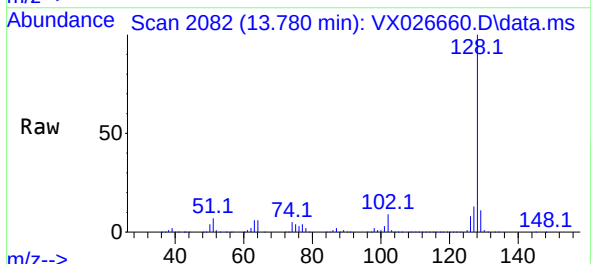
Tgt Ion: 91 Resp: 2792
Ion Ratio Lower Upper
91 100
92 65.4 27.2 81.6
134 217.5 13.1 39.1

Manual Integrations
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Reviewed By :John Carlone 01/31/2022
Supervised By :Mahesh Dadoda 01/31/2022



#95
Naphthalene
Concen: 157.352 ug/l
RT: 13.780 min Scan# 2082
Delta R.T. 0.006 min
Lab File: VX026660.D
Acq: 28 Jan 2022 18:40



Tgt Ion:128 Resp: 892906
Ion Ratio Lower Upper
128 100
127 13.1 10.3 15.5
129 11.2 8.7 13.1

