

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120721\
 Data File : VW023822.D
 Acq On : 07 Dec 2021 14:55
 Operator : SY/MD
 Sample : M4879-01
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G20

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Mahesh Dadoda 12/08/2021

Quant Time: Dec 08 01:15:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR112321WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Thu Dec 02 02:08:23 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	154728	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	145808	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	79858	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	53531	4.214	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.568	69	40378	4.044	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	80.800%	
11) 1,1-Dichloroethene-d2	2.108	63	71621	3.199	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	64.000%	
20) 2-Butanone-d5	3.902	46	94078	61.611	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	123.220%	
24) Chloroform-d	4.349	84	92847	4.198	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	84.000%	
26) 1,2-Dichloroethane-d4	5.034	65	44512	4.308	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	86.200%	
32) Benzene-d6	5.050	84	185900	4.681	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	93.600%	
36) 1,2-Dichloropropane-d6	6.069	67	52167	4.685	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	93.600%	
41) Toluene-d8	7.317	98	172826	4.657	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	93.200%	
43) trans-1,3-Dichloroprop...	7.625	79	21307	4.747	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	95.000%	
46) 2-Hexanone-d5	8.088	63	90612	60.762	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	121.520%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	36626	4.571	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	91.400%	
66) 1,2-Dichlorobenzene-d4	11.625	152	71014	5.030	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	100.600%	
Target Compounds						Qvalue
5) Vinyl chloride	1.310	62	3579	0.267	ug/L	86
13) Acetone	2.211	43	22197m	16.155	ug/L	
17) Methyl tert-butyl Ether	2.773	73	16281	0.766	ug/L	# 1
18) trans-1,2-Dichloroethene	2.764	96	3560	0.302	ug/L	91
22) cis-1,2-Dichloroethene	3.912	96	144111	12.726	ug/L	97
30) Cyclohexane	4.677	56	38560	2.425	ug/L	96
33) Benzene	5.101	78	203609	4.898	ug/L	100
34) Trichloroethene	5.915	95	104322	9.369	ug/L	98
35) Methylcyclohexane	6.130	83	32443	1.869	ug/L	97
42) Toluene	7.391	91	44294	0.983	ug/L	96
47) Tetrachloroethene	7.976	164	322664	31.835	ug/L	99
52) Ethylbenzene	9.011	91	108541	2.303	ug/L	100
53) m,p-xylene	9.136	106	86581	4.616	ug/L	98
54) o-xylene	9.545	106	11296	0.633	ug/L	92
60) Isopropylbenzene	9.931	105	21693	0.455	ug/L	# 65
62) 1,3,5-Trimethylbenzene	10.538	105	137755	3.472	ug/L	98
63) 1,2,4-Trimethylbenzene	10.911	105	593820	15.134	ug/L	99

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

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

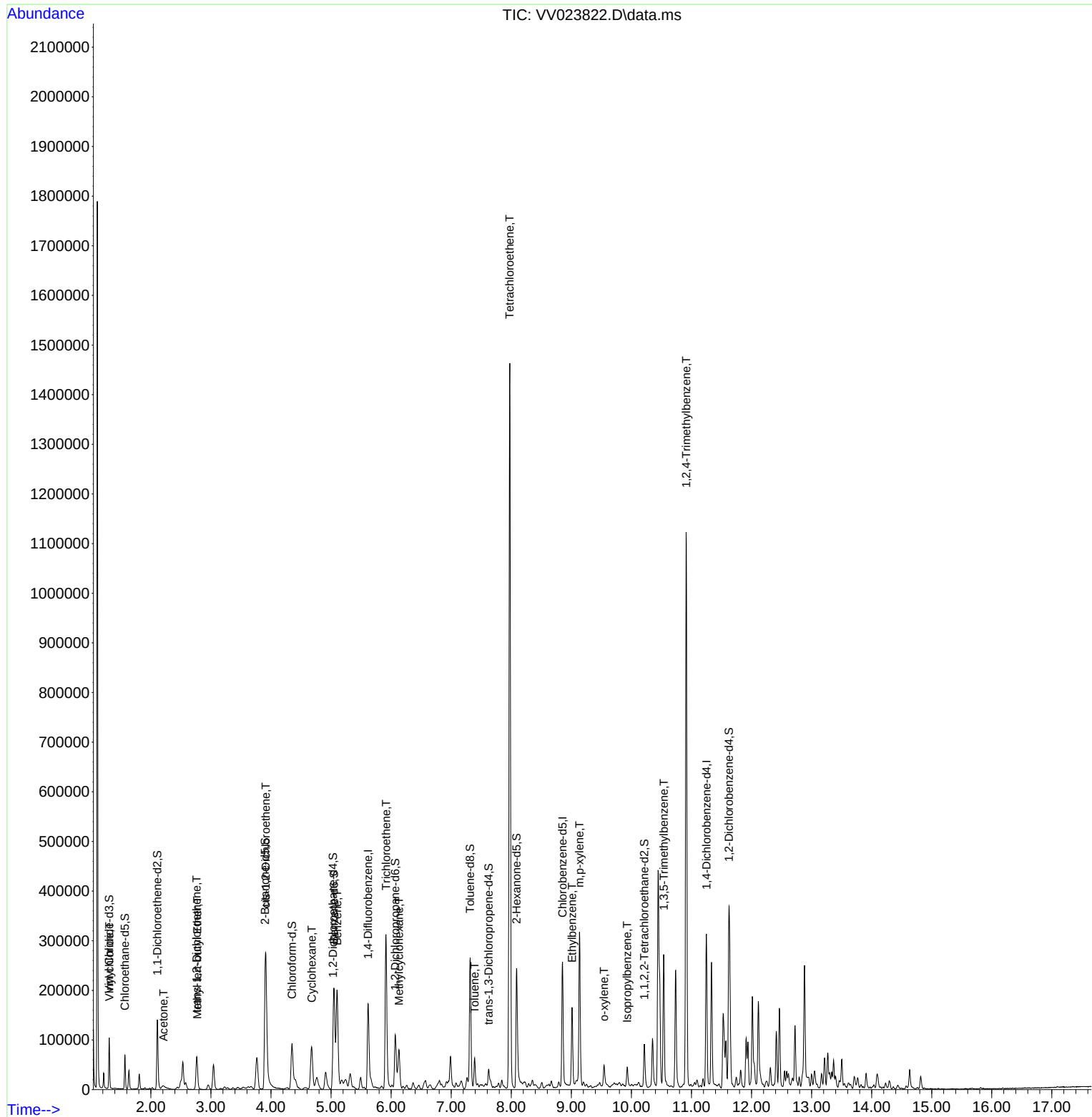
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120721\
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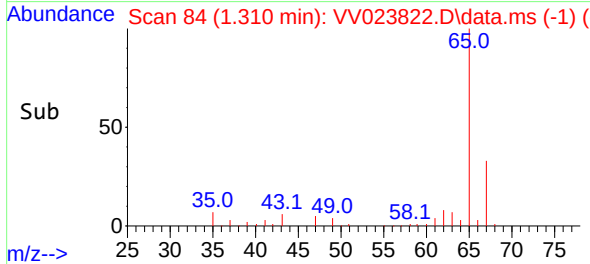
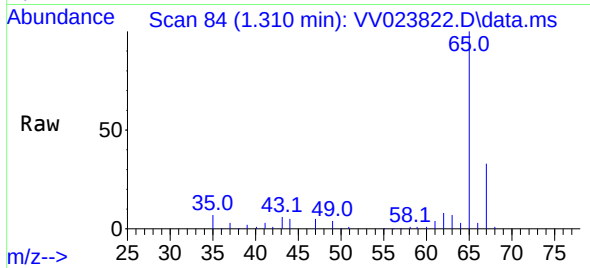
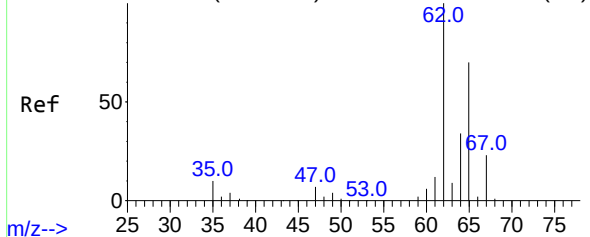
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Abundance Scan 84 (1.310 min): VV023810.D\data.ms (-76)



#5

Vinyl chloride

Concen: 0.267 ug/L

RT: 1.310 min Scan# 84

Delta R.T. 0.000 min

Lab File: VV023822.D

Acq: 07 Dec 2021 14:55

Instrument :

MSVOA_V

ClientSampleId :

C0G20

Tgt Ion: 62 Resp: 3579

Ion Ratio Lower Upper

62 100

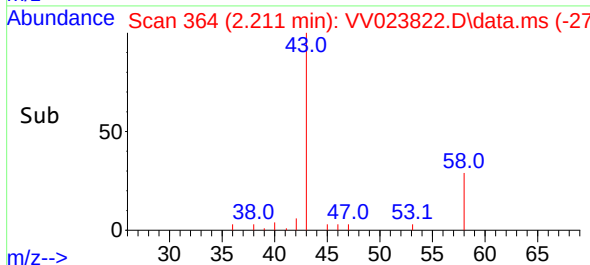
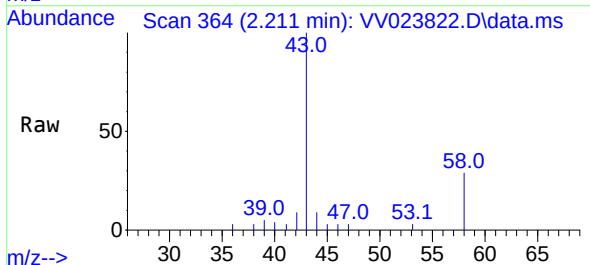
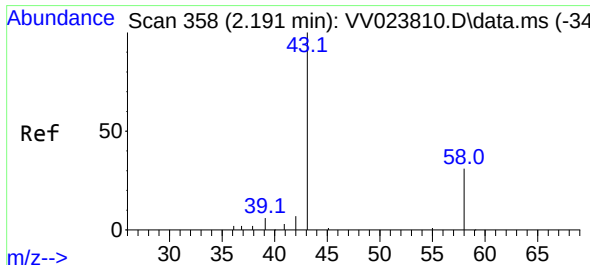
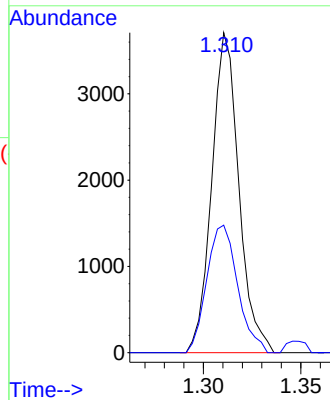
64 39.8 22.4 41.6

Manual Integrations

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#13

Acetone

Concen: 16.155 ug/L m

RT: 2.211 min Scan# 364

Delta R.T. -0.013 min

Lab File: VV023822.D

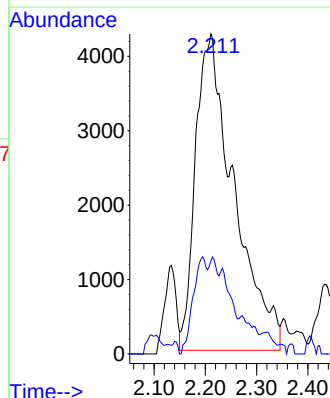
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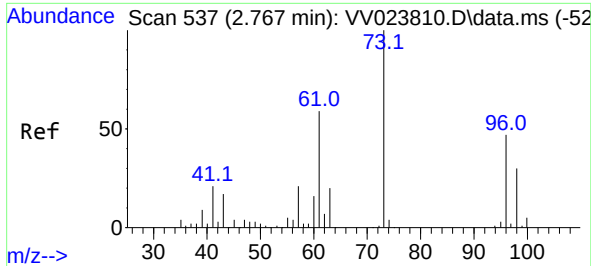
Tgt Ion: 43 Resp: 22197

Ion Ratio Lower Upper

43 100

58 1.1 0.0 41.4





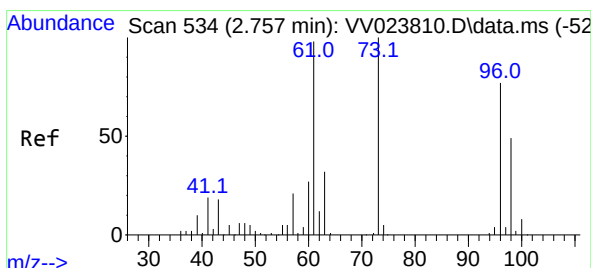
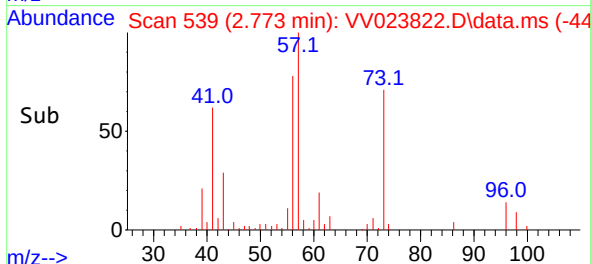
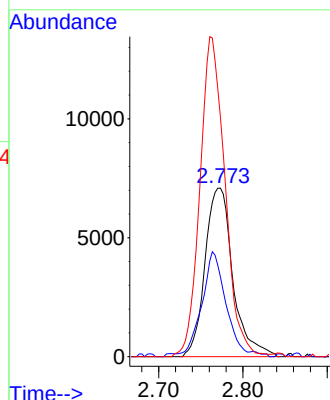
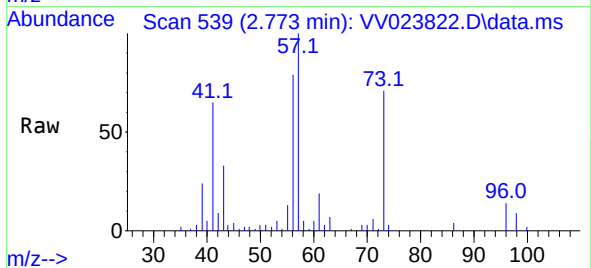
#17
Methyl tert-butyl Ether
Concen: 0.766 ug/L
RT: 2.773 min Scan# 511
Delta R.T. 0.007 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Tgt Ion: 73 Resp: 1628
Ion Ratio Lower Upper
73 100
43 54.6 15.5 23.3
57 170.9 17.1 25.7

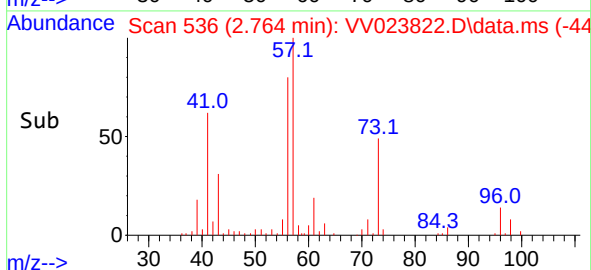
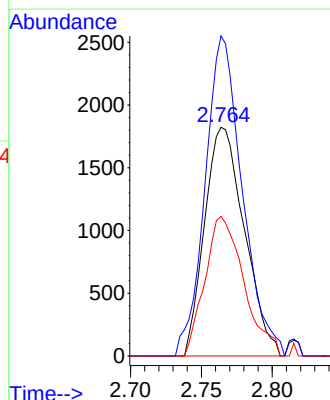
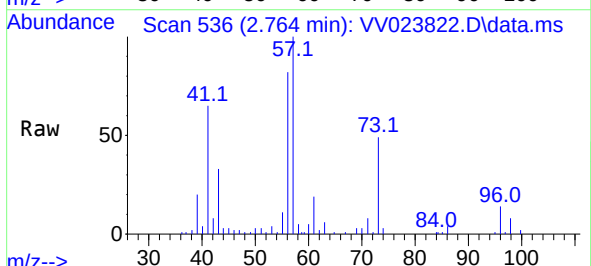
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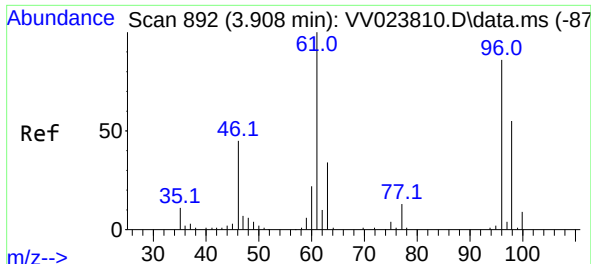
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#18
trans-1,2-Dichloroethene
Concen: 0.302 ug/L
RT: 2.764 min Scan# 536
Delta R.T. 0.007 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

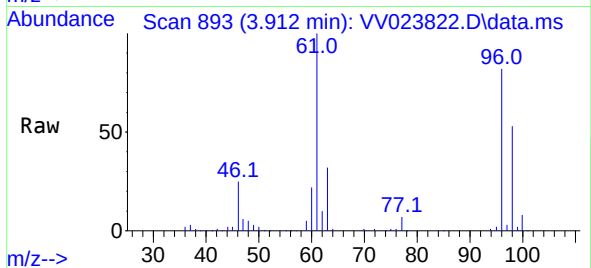
Tgt Ion: 96 Resp: 3560
Ion Ratio Lower Upper
96 100
61 139.9 88.2 163.8
98 61.1 44.9 83.5





#22
cis-1,2-Dichloroethene
Concen: 12.726 ug/L
RT: 3.912 min Scan# 892
Delta R.T. 0.003 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

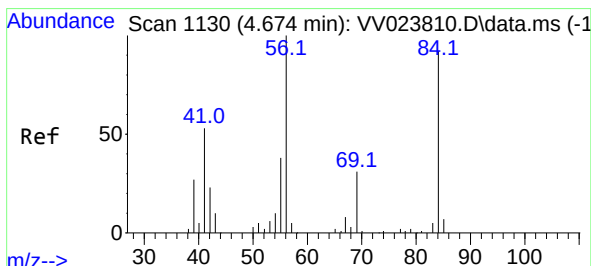
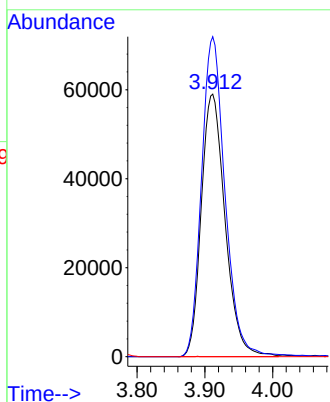
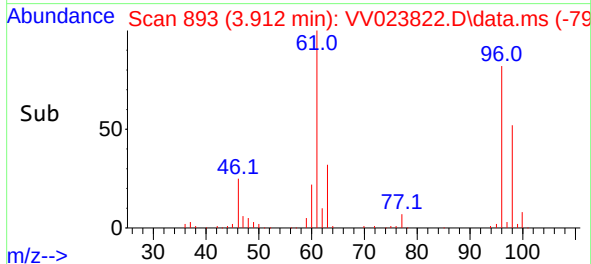
Instrument :
MSVOA_V
ClientSampleId :
C0G20



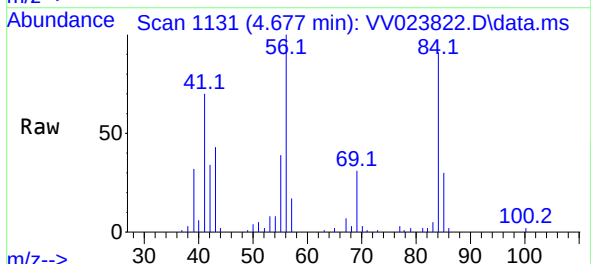
Tgt Ion: 96 Resp: 14411
Ion Ratio Lower Upper
96 100
61 121.9 83.4 154.8
68 0.0 0.0 0.0

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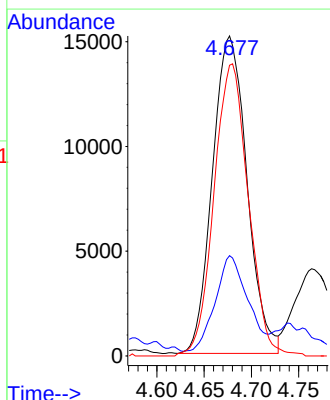
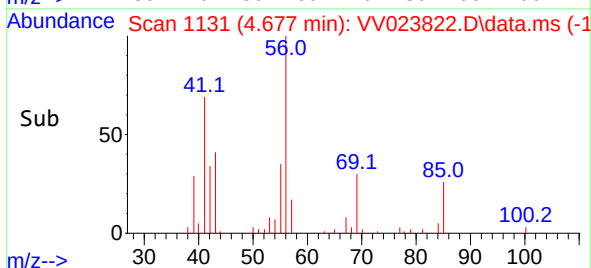
Reviewed By :John Carlone 12/08/2021
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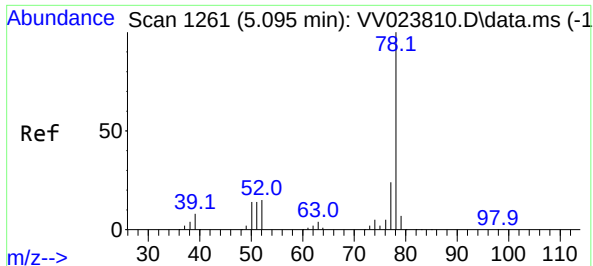


#30
Cyclohexane
Concen: 2.425 ug/L
RT: 4.677 min Scan# 1131
Delta R.T. 0.003 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55



Tgt Ion: 56 Resp: 38560
Ion Ratio Lower Upper
56 100
69 28.3 24.8 37.2
84 91.4 75.9 113.9





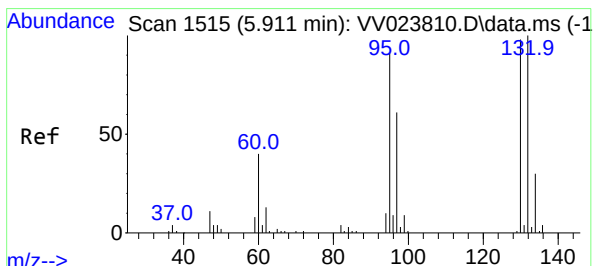
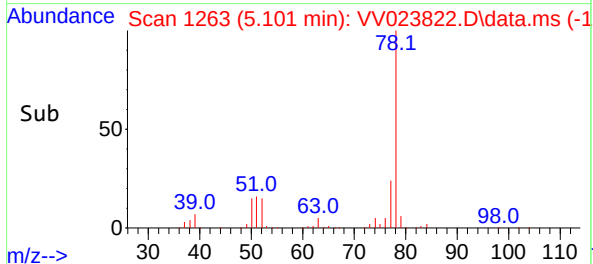
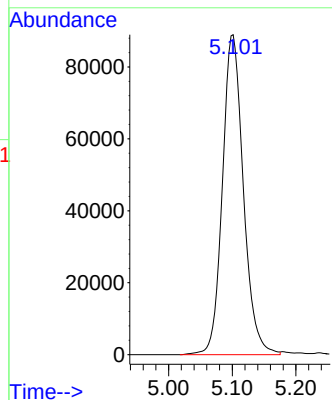
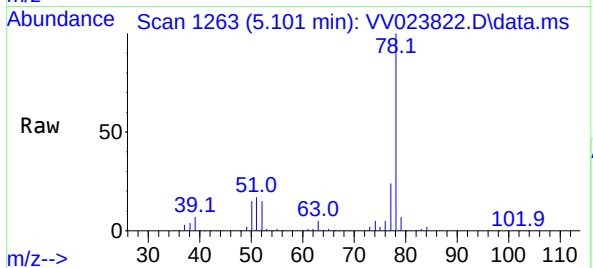
#33
Benzene
Concen: 4.898 ug/L
RT: 5.101 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

Instrument :
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Tgt Ion: 78 Resp: 203609

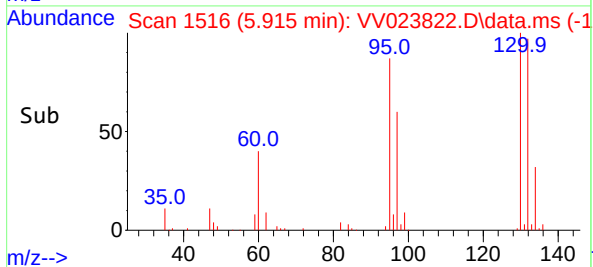
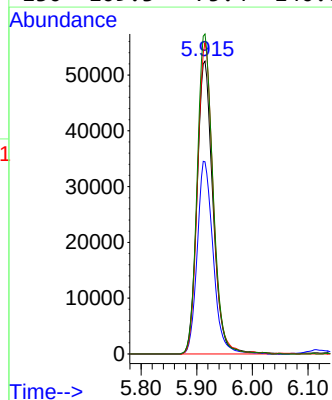
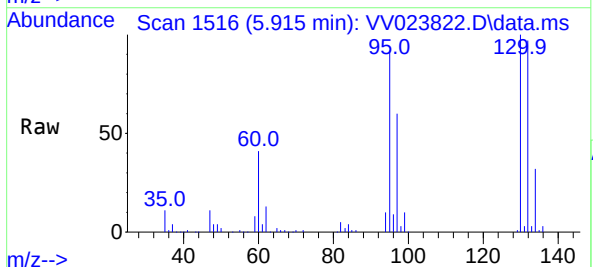
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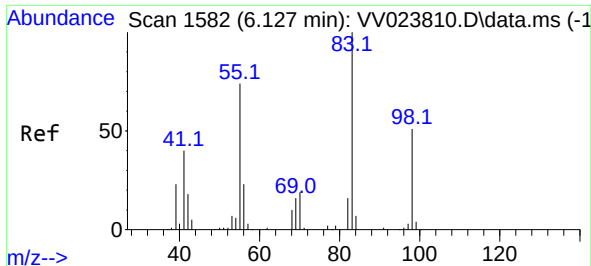
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#34
Trichloroethene
Concen: 9.369 ug/L
RT: 5.915 min Scan# 1516
Delta R.T. 0.003 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

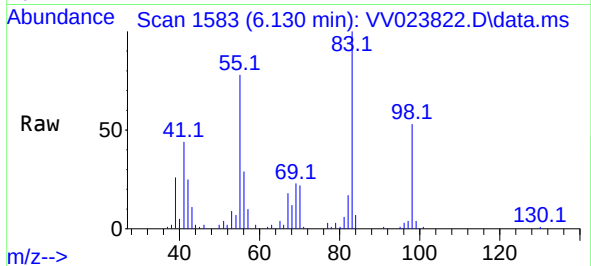
Tgt Ion: 95 Resp: 104322
Ion Ratio Lower Upper
95 100
97 65.6 45.2 84.0
132 106.2 76.1 141.3
130 109.3 75.4 140.0





#35
Methylcyclohexane
Concen: 1.869 ug/L
RT: 6.130 min Scan# 11
Delta R.T. 0.003 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

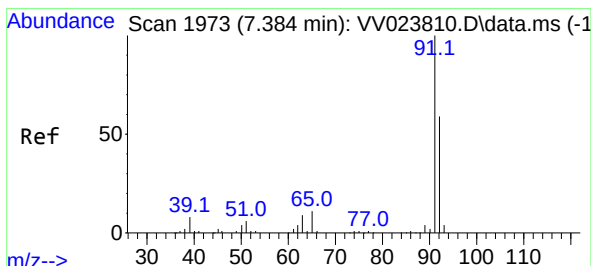
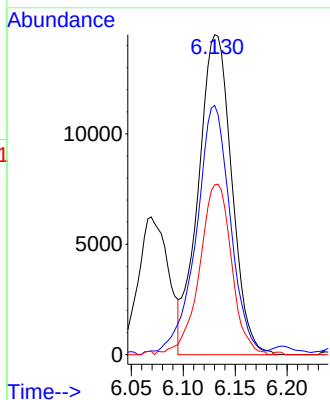
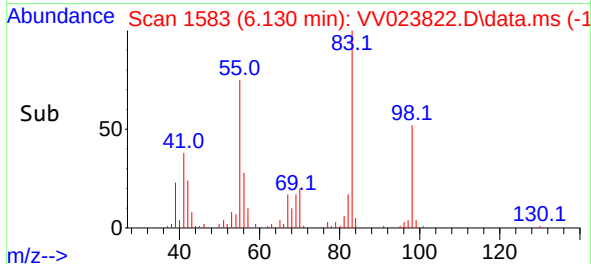
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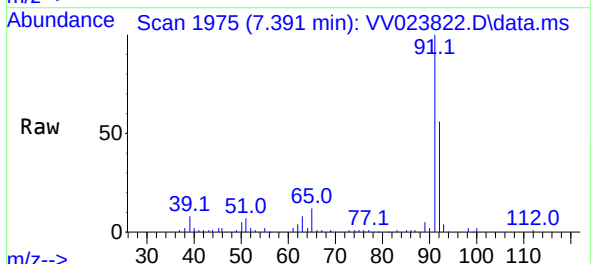
Tgt Ion: 83 Resp: 3244
Ion Ratio Lower Upper
83 100
55 79.7 60.2 90.2
98 51.0 41.0 61.4

Manual Integrations
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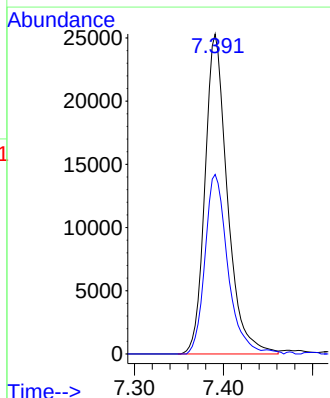
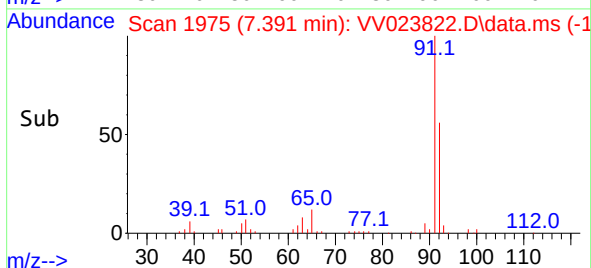
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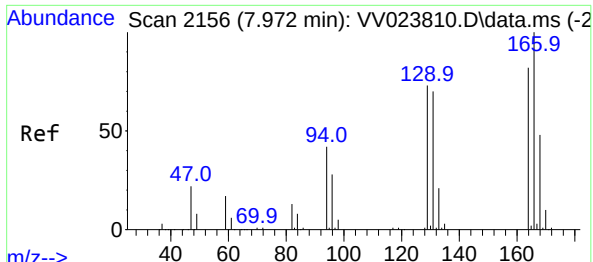


#42
Toluene
Concen: 0.983 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55



Tgt Ion: 91 Resp: 44294
Ion Ratio Lower Upper
91 100
92 56.1 41.5 77.1





#47

Tetrachloroethene

Concen: 31.835 ug/L

RT: 7.976 min Scan# 2156

Delta R.T. 0.003 min

Lab File: VV023822.D

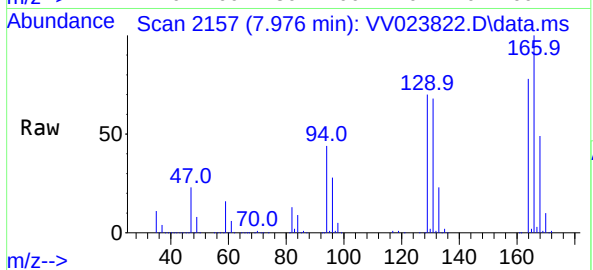
Acq: 07 Dec 2021 14:55

Instrument :

MSVOA_V

ClientSampleId :

C0G20



Tgt Ion:164 Resp: 322664

Ion Ratio Lower Upper

164 100

129 88.8 62.6 116.2

131 86.5 61.0 113.4

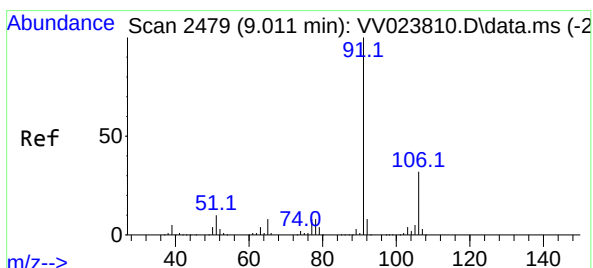
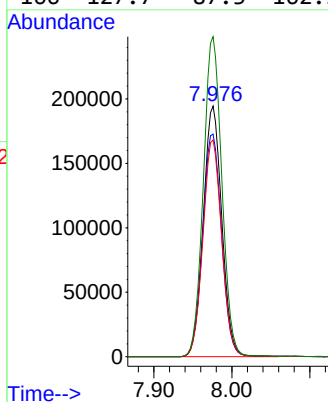
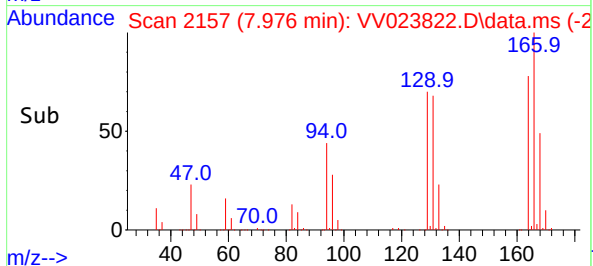
166 127.7 87.3 162.1

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Supervised By :Mahesh Dadoda 12/08/2021



#52

Ethylbenzene

Concen: 2.303 ug/L

RT: 9.011 min Scan# 2479

Delta R.T. 0.000 min

Lab File: VV023822.D

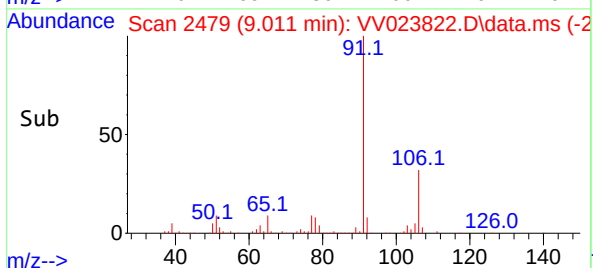
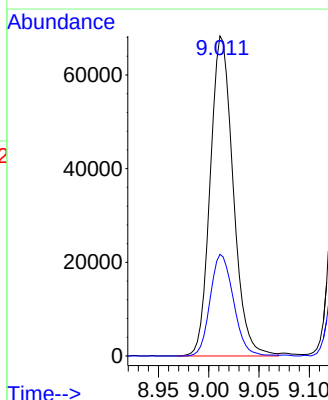
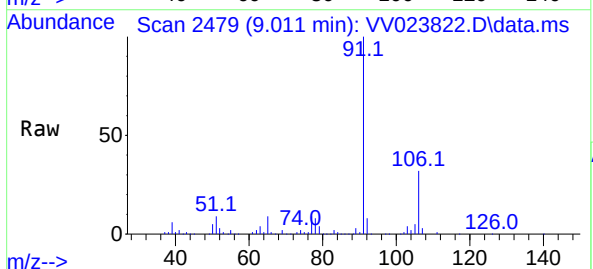
Acq: 07 Dec 2021 14:55

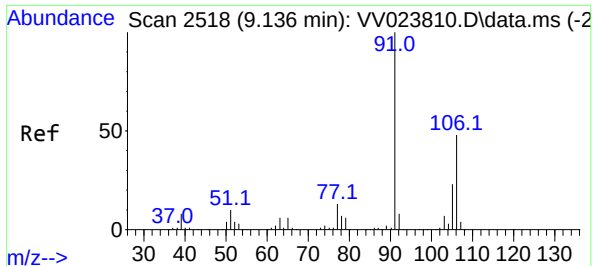
Tgt Ion: 91 Resp: 108541

Ion Ratio Lower Upper

91 100

106 31.7 22.0 41.0





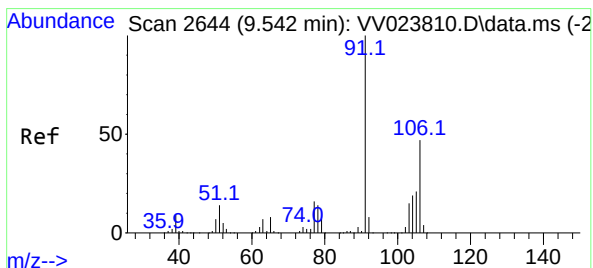
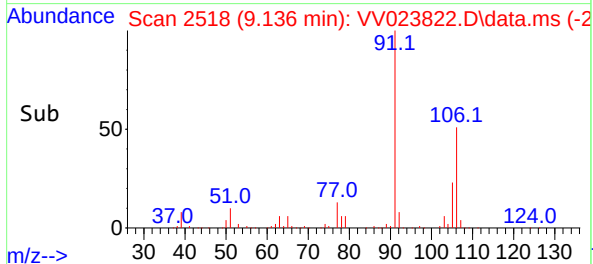
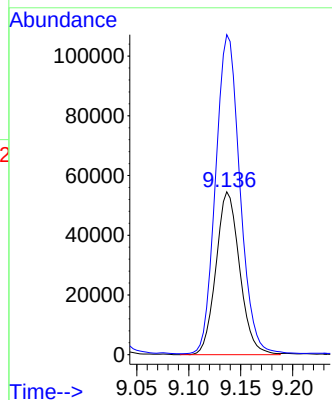
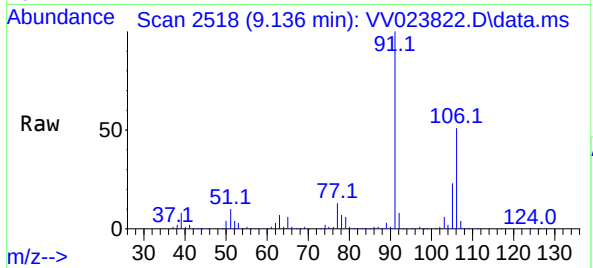
#53
m,p-xylene
Concen: 4.616 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

Instrument :
MSVOA_V
ClientSampleId :
C0G20

Tgt Ion:106 Resp: 8658
Ion Ratio Lower Upper
106 100
91 196.4 139.5 259.1

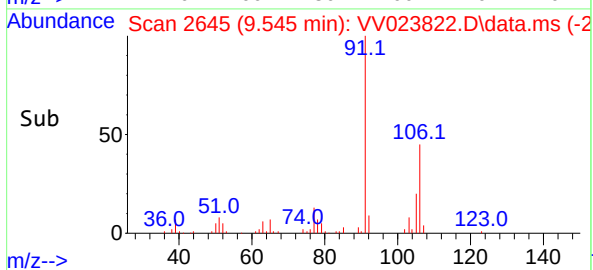
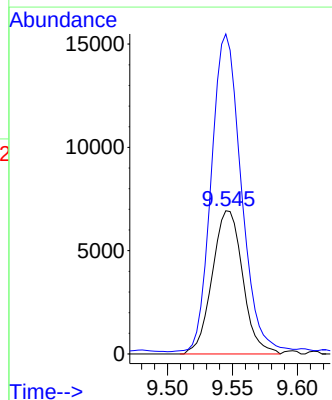
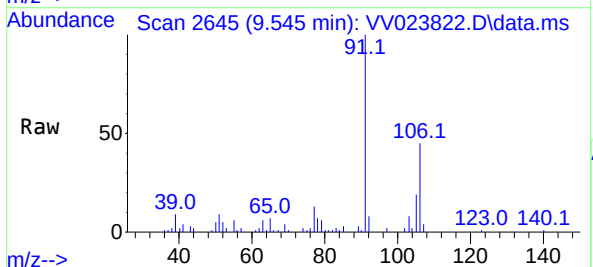
Manual Integrations
APPROVED

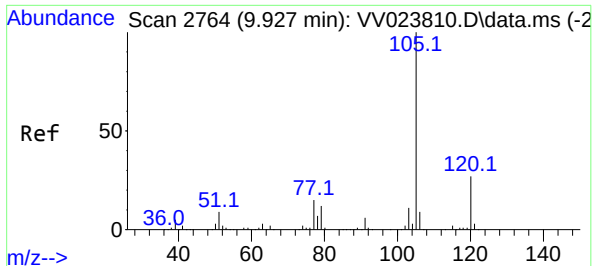
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#54
o-xylene
Concen: 0.633 ug/L
RT: 9.545 min Scan# 2645
Delta R.T. 0.003 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

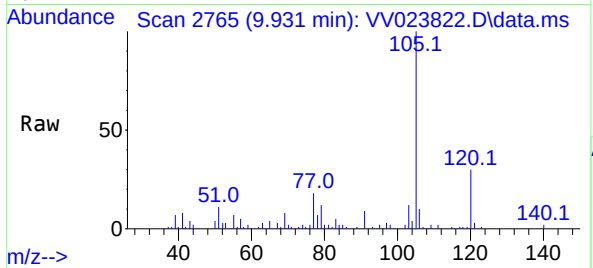
Tgt Ion:106 Resp: 11296
Ion Ratio Lower Upper
106 100
91 223.4 147.9 274.7





#60
Isopropylbenzene
Concen: 0.455 ug/L
RT: 9.931 min Scan# 2169
Delta R.T. 0.000 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55

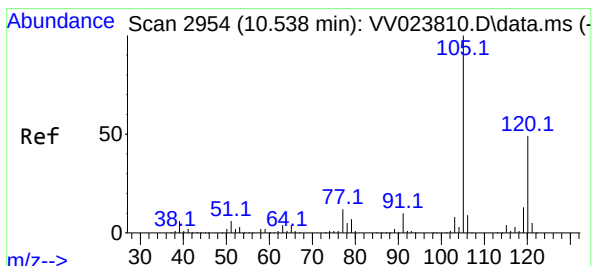
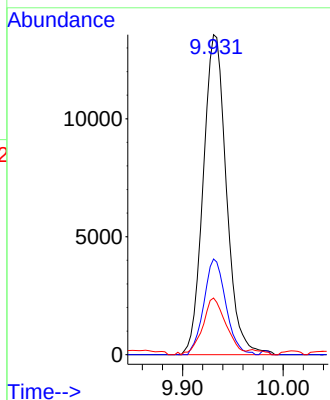
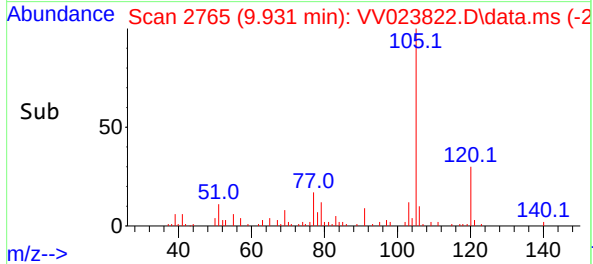
Instrument :
MSVOA_V
ClientSampleId :
C0G20



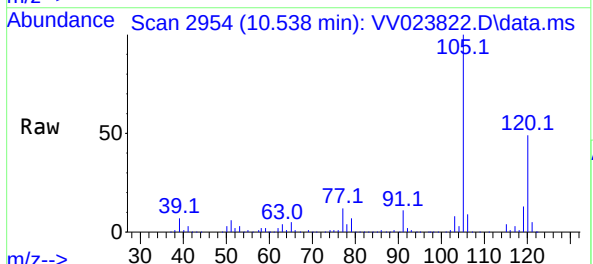
Tgt Ion:105 Resp: 2169
Ion Ratio Lower Upper
105 100
120 0.0 21.4 32.0
77 17.8 12.2 18.4

Manual Integrations
APPROVED

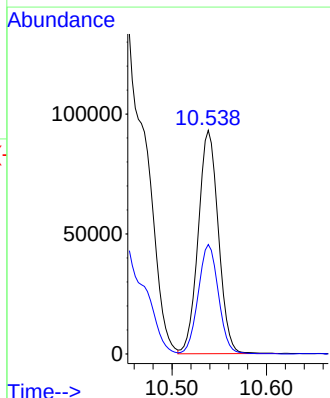
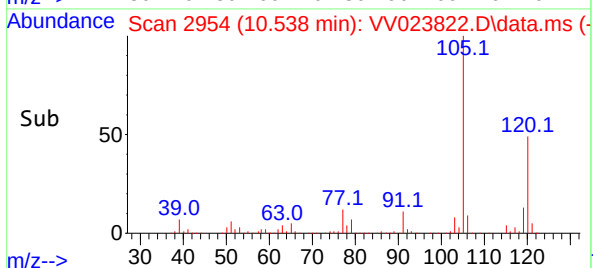
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

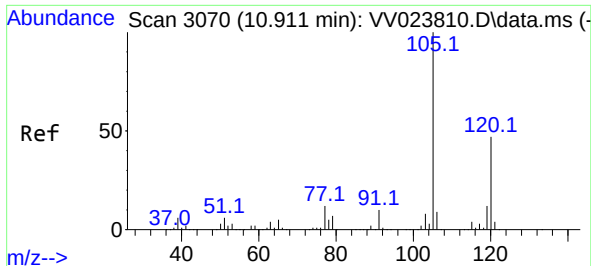


#62
1,3,5-Trimethylbenzene
Concen: 3.472 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023822.D
Acq: 07 Dec 2021 14:55



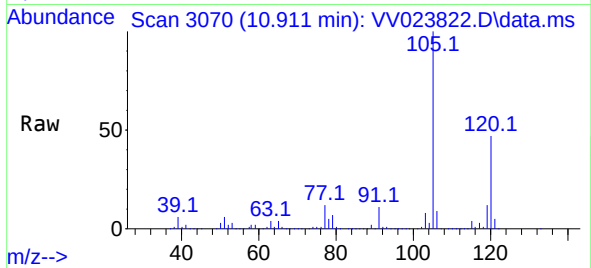
Tgt Ion:105 Resp: 137755
Ion Ratio Lower Upper
105 100
120 48.9 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 15.134 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV023822.D
 Acq: 07 Dec 2021 14:55

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G20



Tgt Ion:105 Resp: 593820
 Ion Ratio Lower Upper
 105 100
 120 46.4 36.7 55.1

Manual Integrations
 APPROVED

Reviewed By :John Carlone 12/08/2021
 Supervised By :Mahesh Dadoda 12/08/2021

