

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW120621\
 Data File : VW023794.D
 Acq On : 06 Dec 2021 13:45
 Operator : SY/MD
 Sample : M4879-02
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G21

Manual Integrations
 APPROVED

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

Quant Time: Dec 07 05:30:02 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	5.619	114	137631	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	130419	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.249	152	73891	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	5600	0.496	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	10.000%#
7) Chloroethane-d5	1.568	69	7690	0.866	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	17.400%#
11) 1,1-Dichloroethene-d2	2.111	63	5057	0.254	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	5.000%#
20) 2-Butanone-d5	3.886	46	93393	68.760	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	137.520%#
24) Chloroform-d	4.352	84	33385	1.697	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	34.000%#
26) 1,2-Dichloroethane-d4	5.034	65	19078	2.076	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	41.600%#
32) Benzene-d6	5.056	84	29173	0.821	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	16.400%#
36) 1,2-Dichloropropane-d6	6.072	67	17322	1.739	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	34.800%#
41) Toluene-d8	7.320	98	13525	0.407	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	8.200%#
43) trans-1,3-Dichloroprop...	7.625	79	6065	1.511	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	30.200%#
46) 2-Hexanone-d5	8.088	63	76467	57.327	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	114.660%
56) 1,1,2,2-Tetrachloroeth...	10.217	84	26191	3.654	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	73.000%
66) 1,2-Dichlorobenzene-d4	11.625	152	21880	1.675	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	33.400%#
Target Compounds						Qvalue
13) Acetone	2.179	43	8446	6.911	ug/L	73
14) Carbon disulfide	2.298	76	1727	0.056	ug/L #	94
18) trans-1,2-Dichloroethene	2.767	96	4572	0.435	ug/L	96
22) cis-1,2-Dichloroethene	3.912	96	143938	14.290	ug/L #	99
30) Cyclohexane	4.680	56	48449	3.406	ug/L	99
34) Trichloroethene	5.912	95	145565	14.615	ug/L	97
35) Methylcyclohexane	6.133	83	25716	1.656	ug/L	97
42) Toluene	7.391	91	62065	1.539	ug/L	99
47) Tetrachloroethene	7.976	164	825672	91.076	ug/L	97
52) Ethylbenzene	9.011	91	315049	7.475	ug/L	100
53) m,p-xylene	9.136	106	258699	15.421	ug/L	100
54) o-xylene	9.542	106	50384	3.158	ug/L	100
60) Isopropylbenzene	9.931	105	42861m	0.971	ug/L	
62) 1,3,5-Trimethylbenzene	10.538	105	310883	8.468	ug/L	100
63) 1,2,4-Trimethylbenzene	10.911	105	1595416	43.944	ug/L	100

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

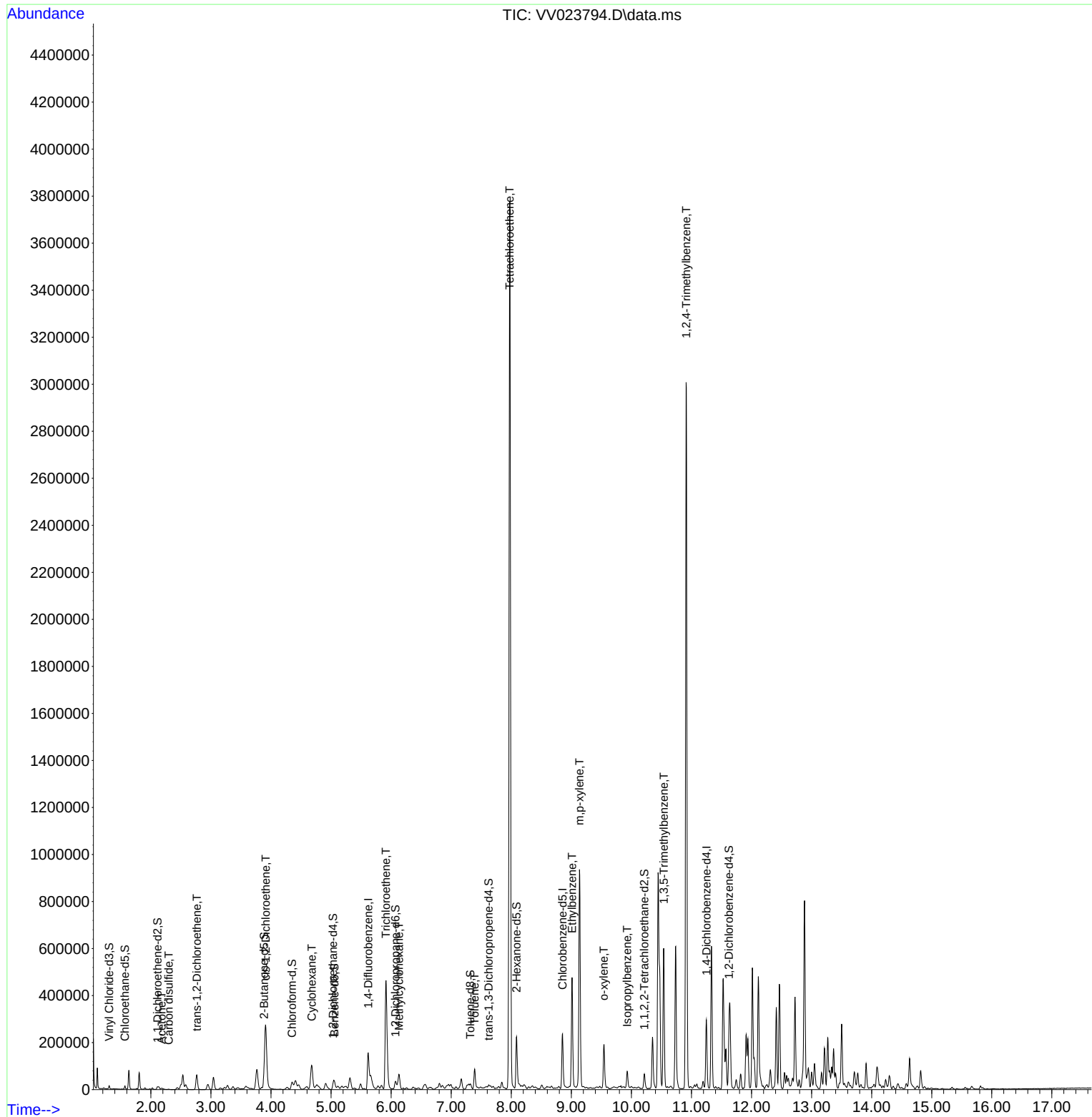
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV120621\
Data File : VV023794.D
Acq On : 06 Dec 2021 13:45
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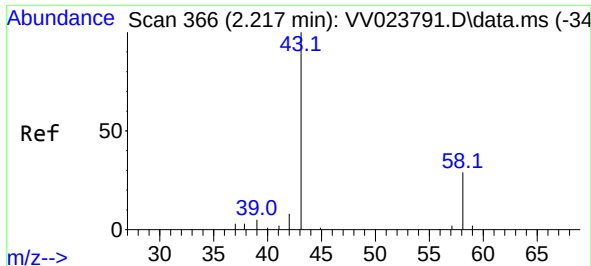
Instrument :
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C0G21

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Quant Title : TRACE VOA SFAM1.0
QLast Update : Thu Dec 02 02:08:23 2021
Response via : Initial Calibration





#13

Acetone

Concen: 6.911 ug/L

RT: 2.179 min Scan# 311

Delta R.T. -0.045 min

Lab File: VV023794.D

Acq: 06 Dec 2021 13:45

Instrument :

MSVOA_V

ClientSampleId :

C0G21

Tgt Ion: 43 Resp: 844

Ion Ratio Lower Upper

43 100

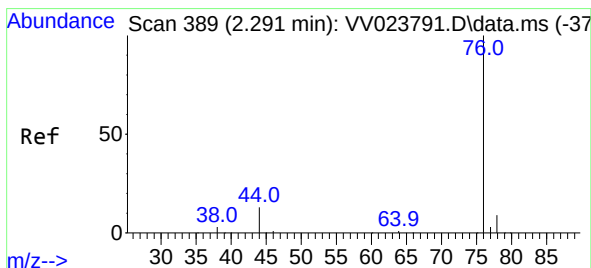
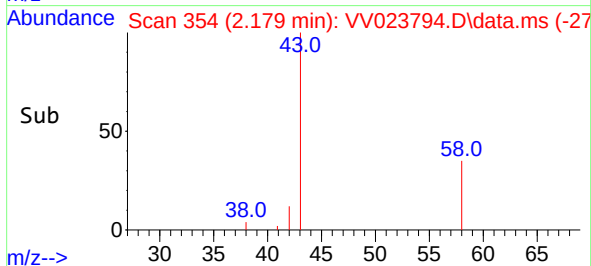
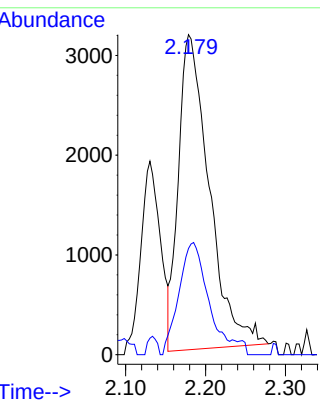
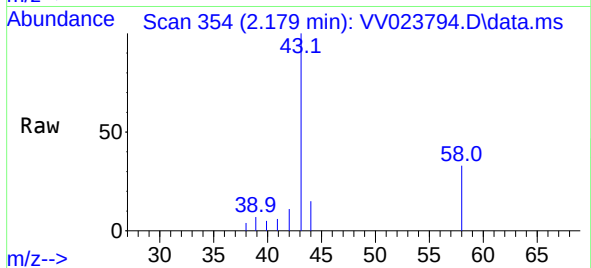
58 33.4 0.0 41.4

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#14

Carbon disulfide

Concen: 0.056 ug/L

RT: 2.298 min Scan# 391

Delta R.T. 0.003 min

Lab File: VV023794.D

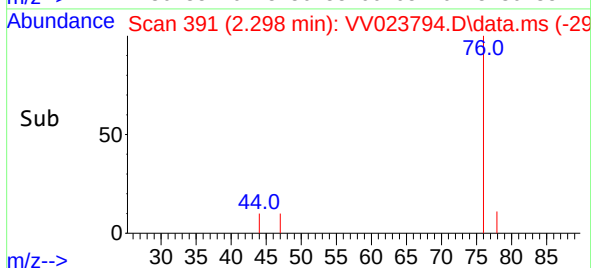
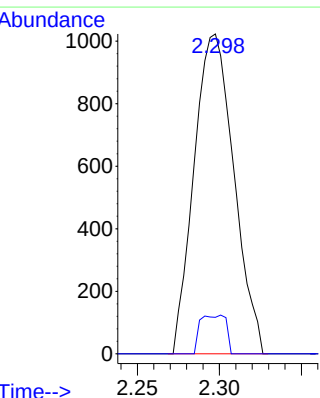
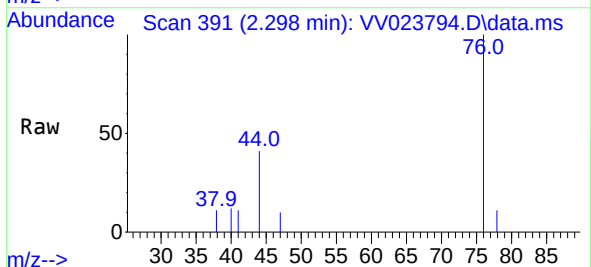
Acq: 06 Dec 2021 13:45

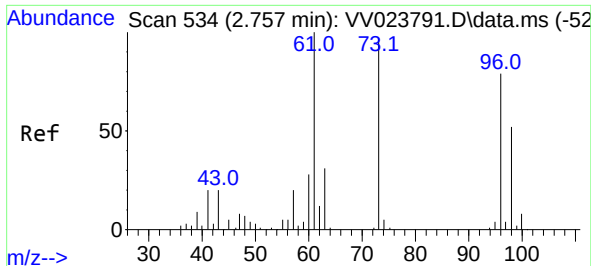
Tgt Ion: 76 Resp: 1727

Ion Ratio Lower Upper

76 100

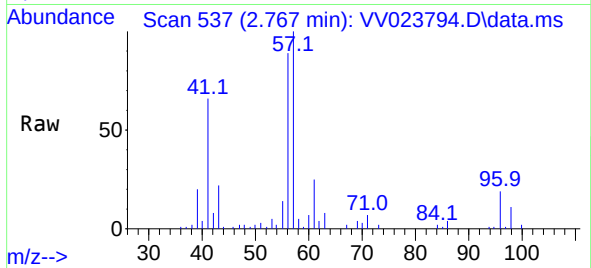
78 11.4 7.5 11.3#





#18
trans-1,2-Dichloroethene
Concen: 0.435 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

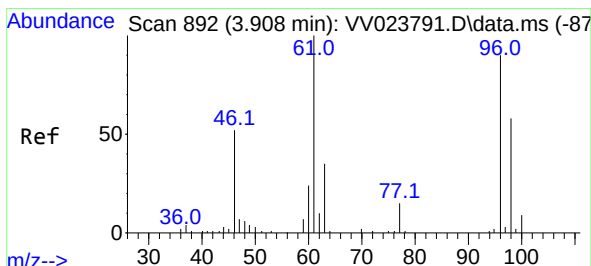
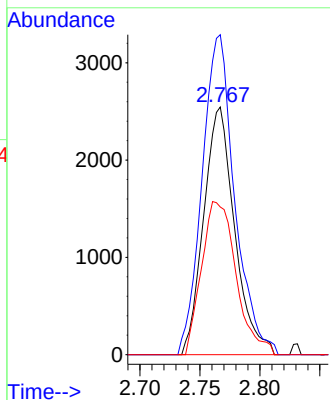
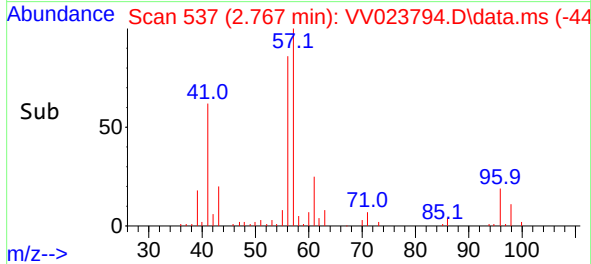
Instrument :
MSVOA_V
ClientSampleId :
C0G21



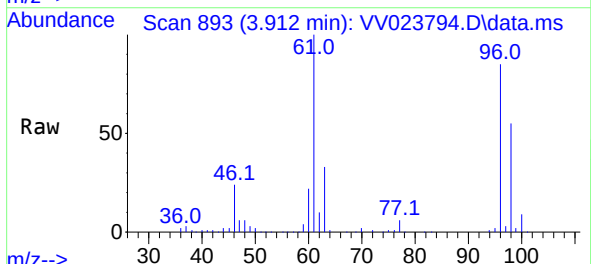
Tgt Ion: 96 Resp: 4572
Ion Ratio Lower Upper
96 100
61 129.2 88.2 163.8
98 59.6 44.9 83.5

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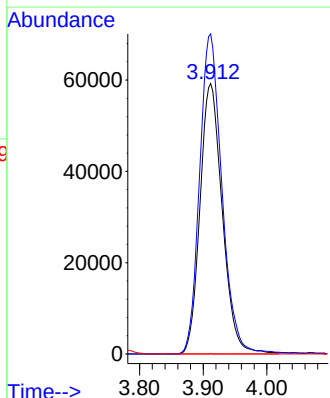
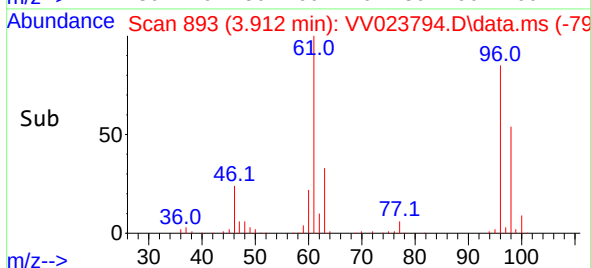
Reviewed By :John Carlone 12/08/2021
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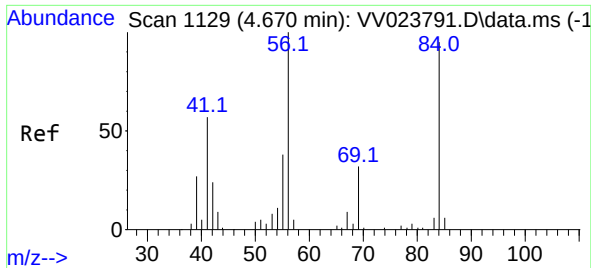


#22
cis-1,2-Dichloroethene
Concen: 14.290 ug/L
RT: 3.912 min Scan# 893
Delta R.T. 0.003 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45



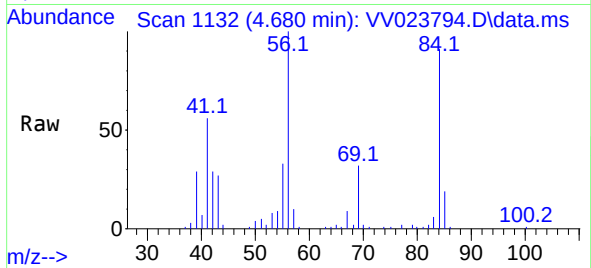
Tgt Ion: 96 Resp: 143938
Ion Ratio Lower Upper
96 100
61 118.3 83.4 154.8
68 0.2 0.0 0.0#





#30
Cyclohexane
Concen: 3.406 ug/L
RT: 4.680 min Scan# 1129
Delta R.T. 0.007 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

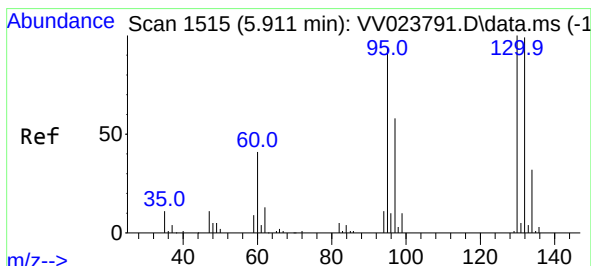
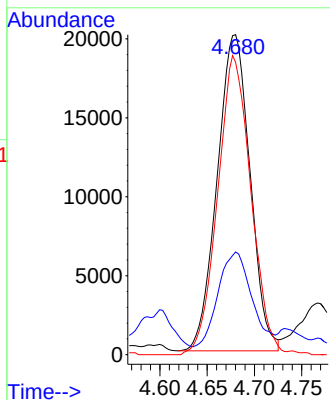
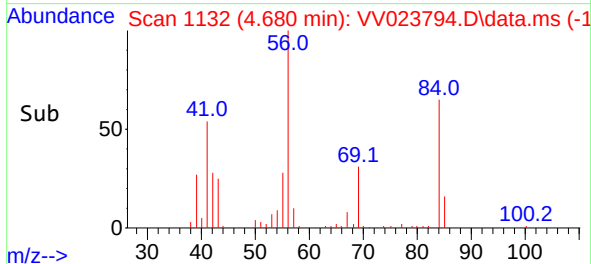
Instrument :
MSVOA_V
ClientSampleId :
C0G21



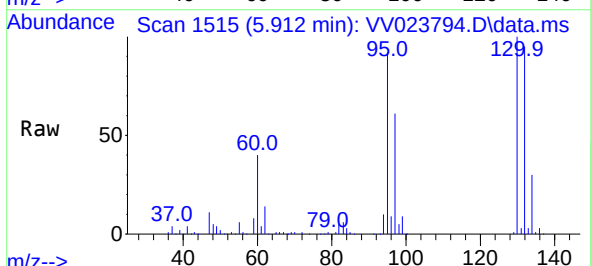
Tgt Ion: 56 Resp: 48449
Ion Ratio Lower Upper
56 100
69 30.5 24.8 37.2
84 95.4 75.9 113.9

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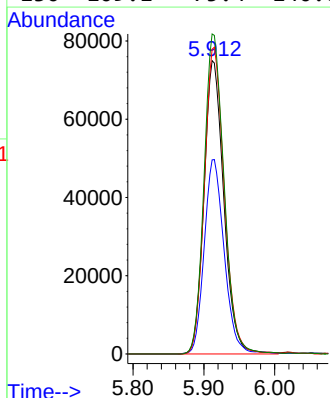
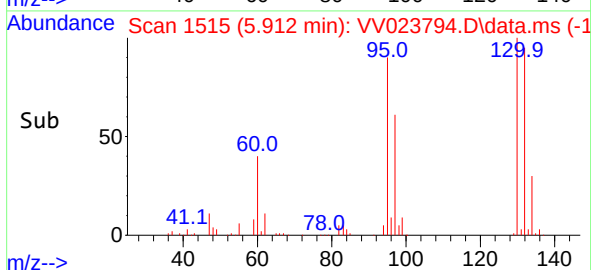
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

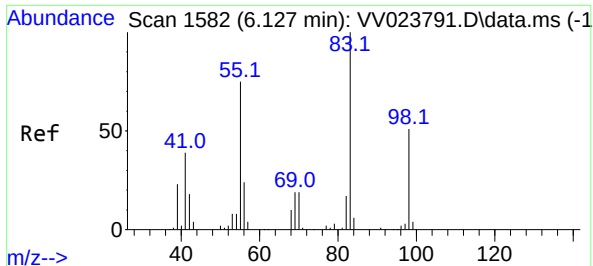


#34
Trichloroethene
Concen: 14.615 ug/L
RT: 5.912 min Scan# 1515
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45



Tgt Ion: 95 Resp: 145565
Ion Ratio Lower Upper
95 100
97 66.2 45.2 84.0
132 104.0 76.1 141.3
130 109.1 75.4 140.0





#35

Methylcyclohexane

Concen: 1.656 ug/L

RT: 6.133 min Scan# 1582

Delta R.T. 0.007 min

Lab File: VV023794.D

Acq: 06 Dec 2021 13:45

Instrument :

MSVOA_V

ClientSampleId :

C0G21

Tgt Ion: 83 Resp: 25710

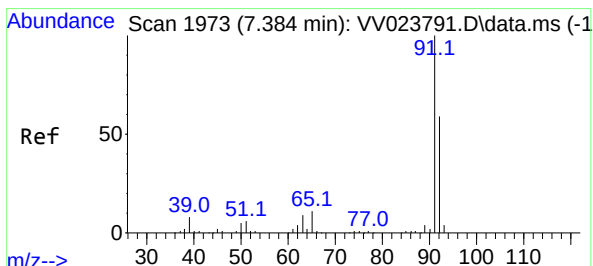
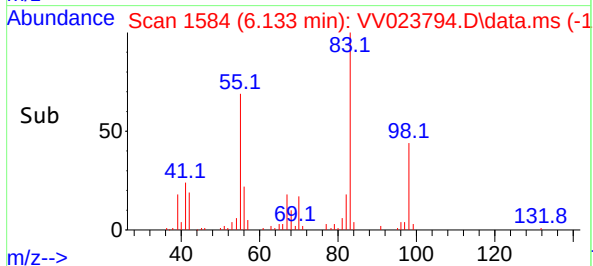
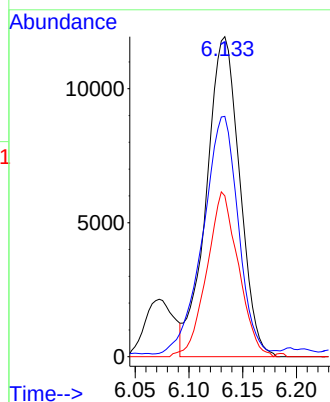
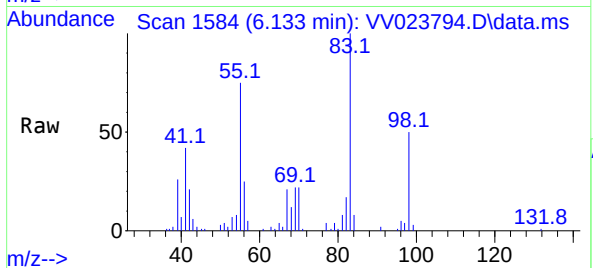
Ion	Ratio	Lower	Upper
83	100		
55	78.3	60.2	90.2
98	49.0	41.0	61.4

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#42

Toluene

Concen: 1.539 ug/L

RT: 7.391 min Scan# 1975

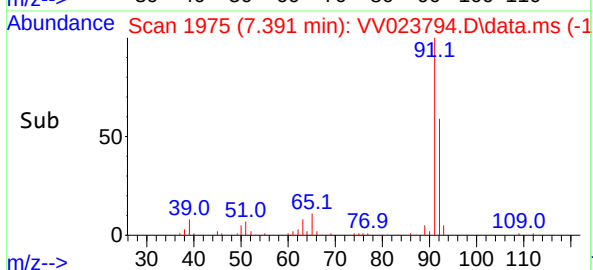
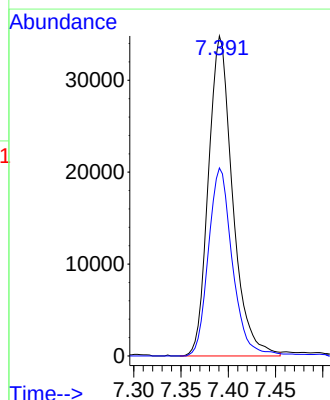
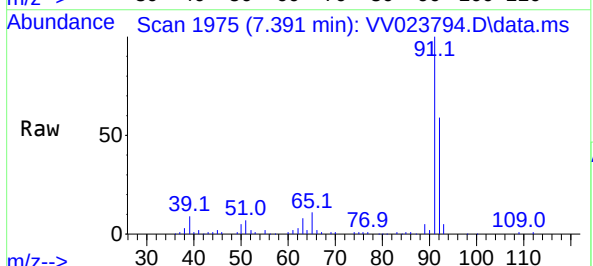
Delta R.T. 0.007 min

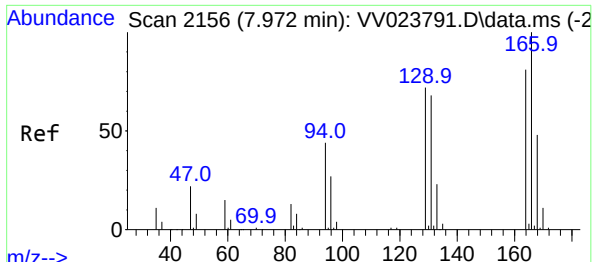
Lab File: VV023794.D

Acq: 06 Dec 2021 13:45

Tgt Ion: 91 Resp: 62065

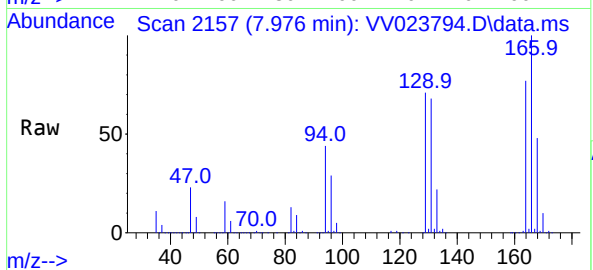
Ion	Ratio	Lower	Upper
91	100		
92	58.7	41.5	77.1





#47
Tetrachloroethene
Concen: 91.076 ug/L
RT: 7.976 min Scan# 2156
Delta R.T. 0.003 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

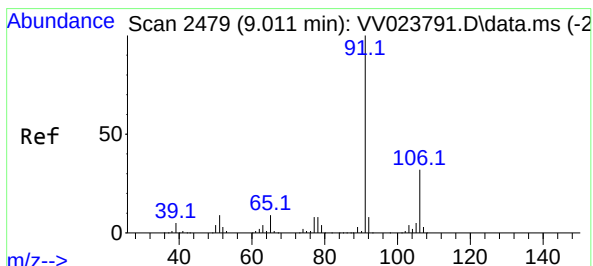
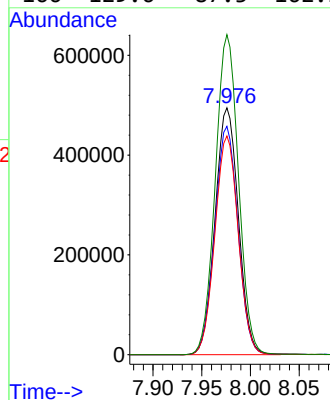
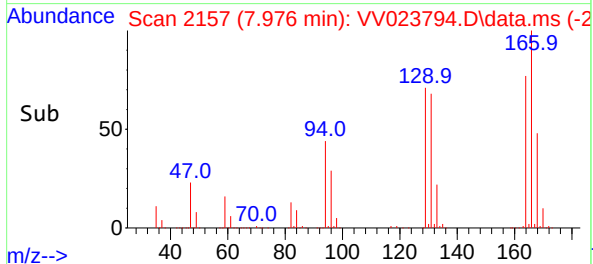
Instrument :
MSVOA_V
ClientSampleId :
C0G21



Tgt Ion:164 Resp: 825672
Ion Ratio Lower Upper
164 100
129 92.5 62.6 116.2
131 88.6 61.0 113.4
166 129.6 87.3 162.1

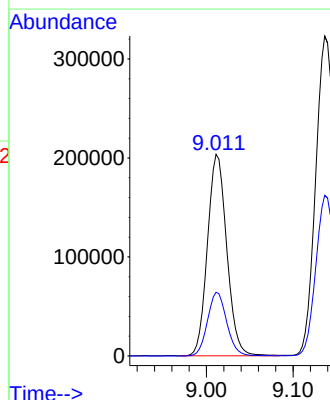
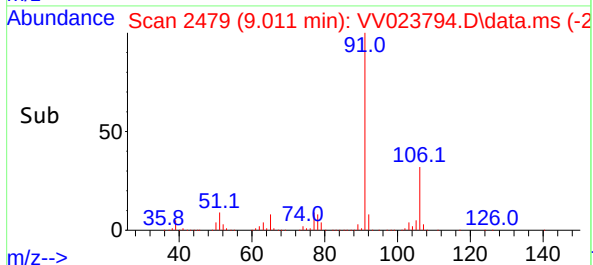
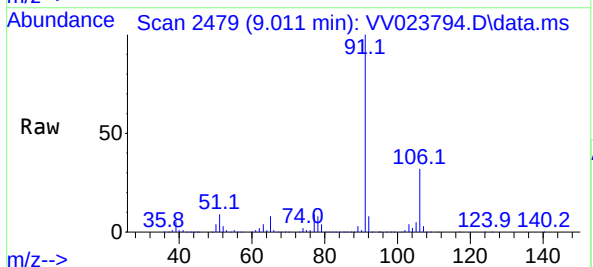
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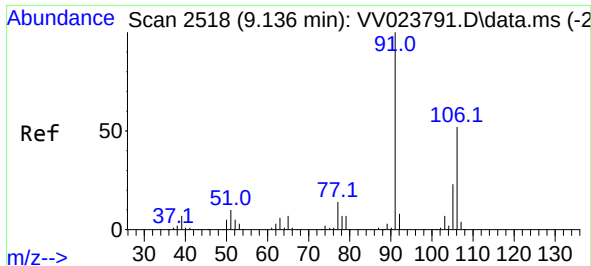
Reviewed By :John Carlone 12/08/2021
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#52
Ethylbenzene
Concen: 7.475 ug/L
RT: 9.011 min Scan# 2479
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

Tgt Ion: 91 Resp: 315049
Ion Ratio Lower Upper
91 100
106 31.6 22.0 41.0





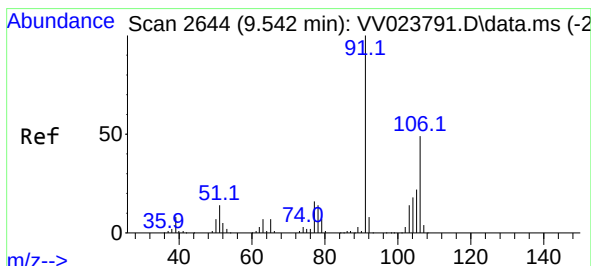
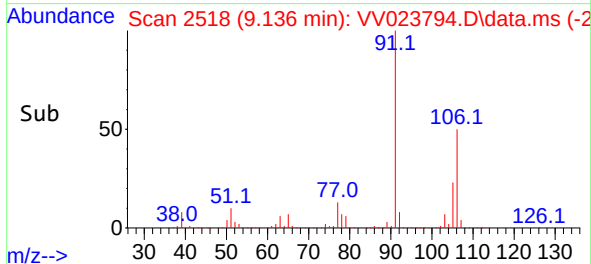
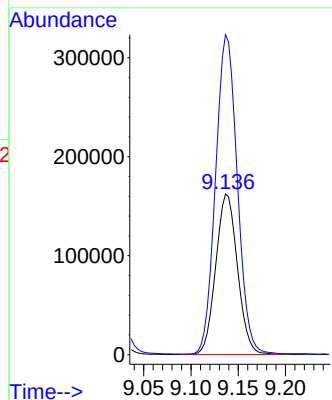
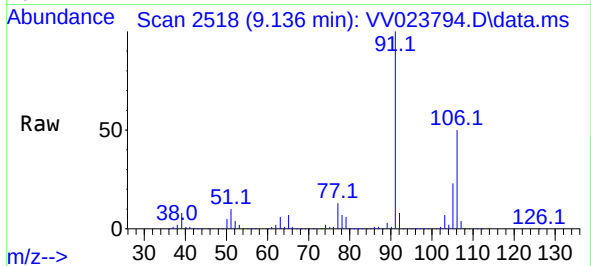
#53
m,p-xylene
Concen: 15.421 ug/L
RT: 9.136 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

Instrument :
MSVOA_V
ClientSampleId :
C0G21

Tgt Ion:106 Resp: 258699
Ion Ratio Lower Upper
106 100
91 199.2 139.5 259.1

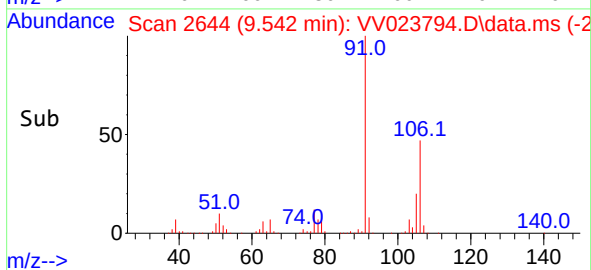
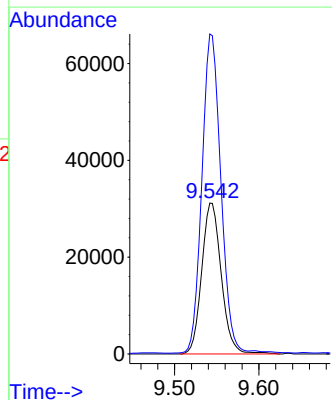
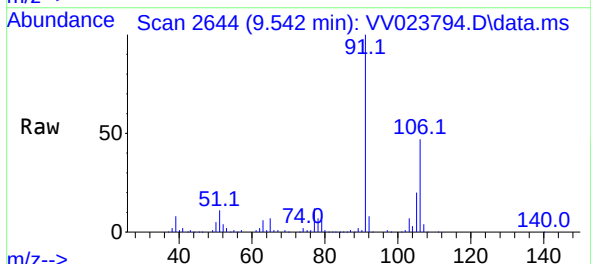
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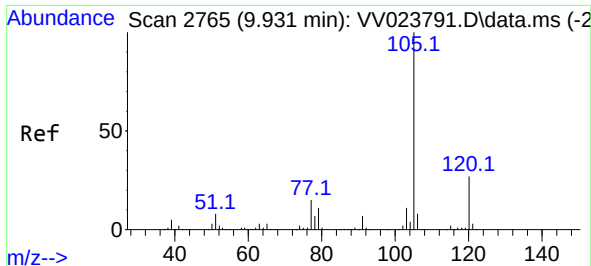
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021



#54
o-xylene
Concen: 3.158 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

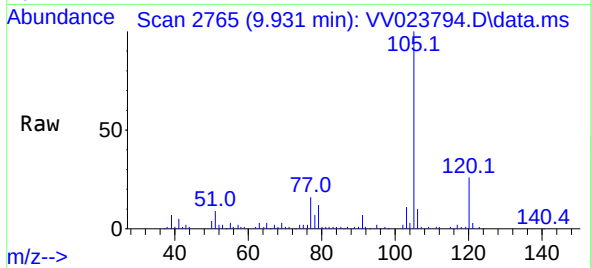
Tgt Ion:106 Resp: 50384
Ion Ratio Lower Upper
106 100
91 212.1 147.9 274.7





#60
Isopropylbenzene
Concen: 0.971 ug/L m
RT: 9.931 min Scan# 2765
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45

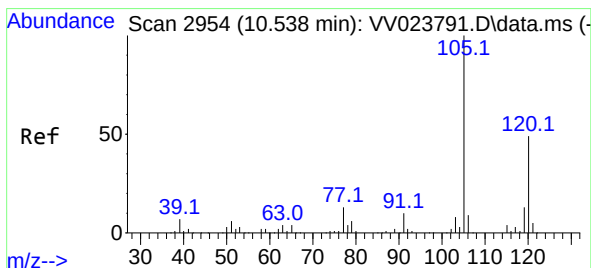
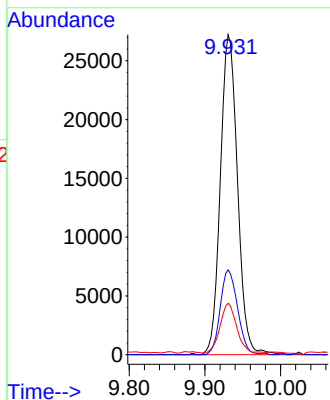
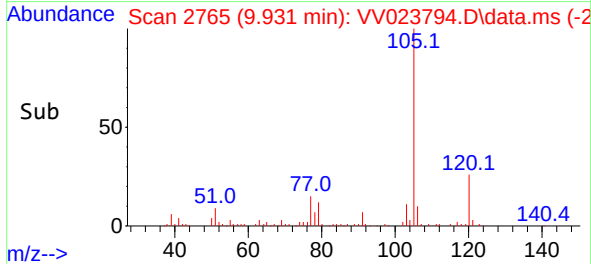
Instrument :
MSVOA_V
ClientSampleId :
C0G21



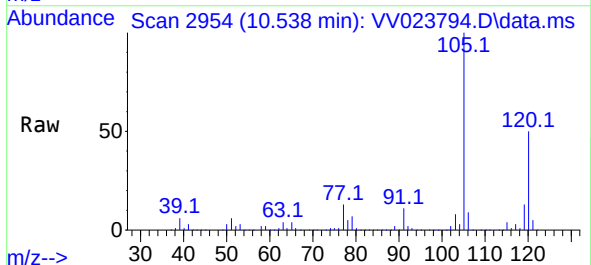
Tgt Ion:105 Resp: 4286
Ion Ratio Lower Upper
105 100
120 594.3 21.4 32.0
77 215.2 12.2 18.4

Manual Integrations
APPROVED

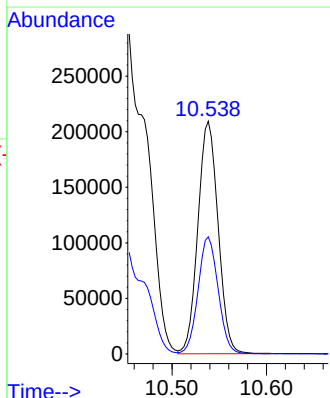
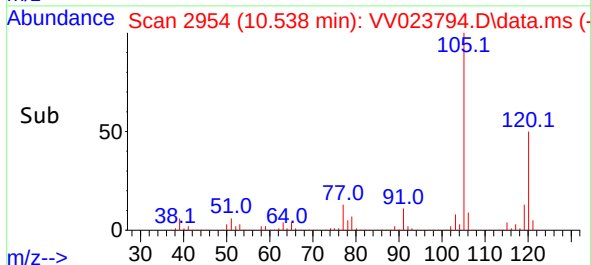
Reviewed By :John Carlone 12/08/2021
Supervised By :Mahesh Dadoda 12/08/2021

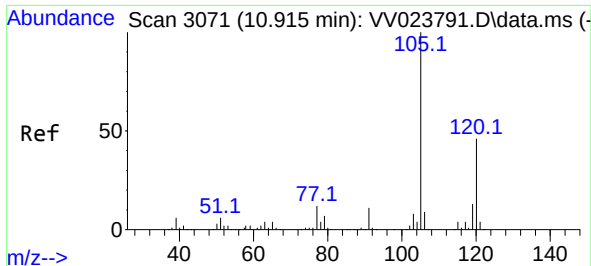


#62
1,3,5-Trimethylbenzene
Concen: 8.468 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.000 min
Lab File: VV023794.D
Acq: 06 Dec 2021 13:45



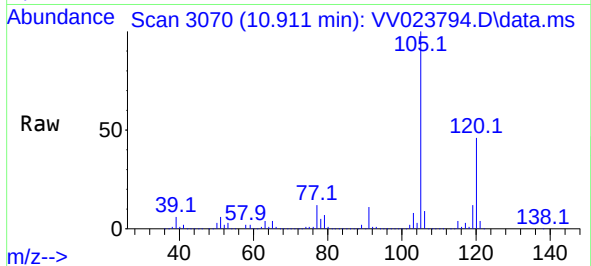
Tgt Ion:105 Resp: 310883
Ion Ratio Lower Upper
105 100
120 49.9 40.1 60.1





#63
 1,2,4-Trimethylbenzene
 Concen: 43.944 ug/L
 RT: 10.911 min Scan# 3071
 Delta R.T. 0.000 min
 Lab File: VV023794.D
 Acq: 06 Dec 2021 13:45

Instrument :
 MSVOA_V
 ClientSampleId :
 C0G21



Tgt Ion:105 Resp: 1595410
 Ion Ratio Lower Upper
 105 100
 120 46.1 36.7 55.1

Manual Integrations
 APPROVED

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

