

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW031822\
 Data File : VW025101.D
 Acq On : 18 Mar 2022 16:32
 Operator : SY/MD
 Sample : N2018-05
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA7

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/28/2022
 Supervised By : Mahesh Dadoda 03/28/2022

Quant Time: Mar 19 00:56:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR031522WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Sat Mar 19 00:53:30 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	169688	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.854	117	160009	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	79363	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.307	65	55760	4.162	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	83.200%	
7) Chloroethane-d5	1.568	69	44402	4.526	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	90.600%	
11) 1,1-Dichloroethene-d2	2.108	63	71290	3.293	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	65.800%	
20) 2-Butanone-d5	3.912	46	80994	50.026	ug/L	0.00
Spiked Amount	50.000	Range 40 - 130	Recovery	=	100.060%	
24) Chloroform-d	4.352	84	96702	4.352	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	87.000%	
26) 1,2-Dichloroethane-d4	5.037	65	42486	4.574	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	91.400%	
32) Benzene-d6	5.050	84	207305	4.466	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	89.400%	
36) 1,2-Dichloropropane-d6	6.069	67	60372	4.523	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	90.400%	
41) Toluene-d8	7.317	98	180517	4.267	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	85.400%	
43) trans-1,3-Dichloroprop...	7.625	79	17140	3.684	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	73.600%	
46) 2-Hexanone-d5	8.092	63	81551	51.383	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	102.760%	
56) 1,1,2,2-Tetrachloroeth...	10.217	84	39053	4.974	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	99.400%	
66) 1,2-Dichlorobenzene-d4	11.622	152	61889	4.606	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	92.200%	
Target Compounds						Qvalue
14) Carbon disulfide	2.298	76	2840	0.073	ug/L	97
16) Methylene chloride	2.510	84	16065	1.226	ug/L	99
18) trans-1,2-Dichloroethene	2.767	96	705	0.054	ug/L	80
22) cis-1,2-Dichloroethene	3.915	96	14512	1.105	ug/L	93
25) Chloroform	4.381	83	12276	0.533	ug/L	94
33) Benzene	5.111	78	7575	0.146	ug/L	100
34) Trichloroethene	5.921	95	14638	1.056	ug/L	97
35) Methylcyclohexane	6.130	83	1891	0.086	ug/L #	83
42) Toluene	7.391	91	52931	0.972	ug/L	96
47) Tetrachloroethene	7.979	164	475	0.049	ug/L	77
52) Ethylbenzene	9.014	91	21589	0.375	ug/L	100
53) m,p-xylene	9.137	106	70661	3.184	ug/L	98
54) o-xylene	9.542	106	66629	3.140	ug/L	94
55) Styrene	9.564	104	4968m	0.144	ug/L	
60) Isopropylbenzene	9.934	105	16946	0.283	ug/L #	68
62) 1,3,5-Trimethylbenzene	10.538	105	187771	6.914	ug/L	99
63) 1,2,4-Trimethylbenzene	10.911	105	484715	10.078	ug/L	99

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Instrument :
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Quant Title : TRACE VOA SFAM1.0
QLast Update : Sat Mar 19 00:53:30 2022
Response via : Initial Calibration

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

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

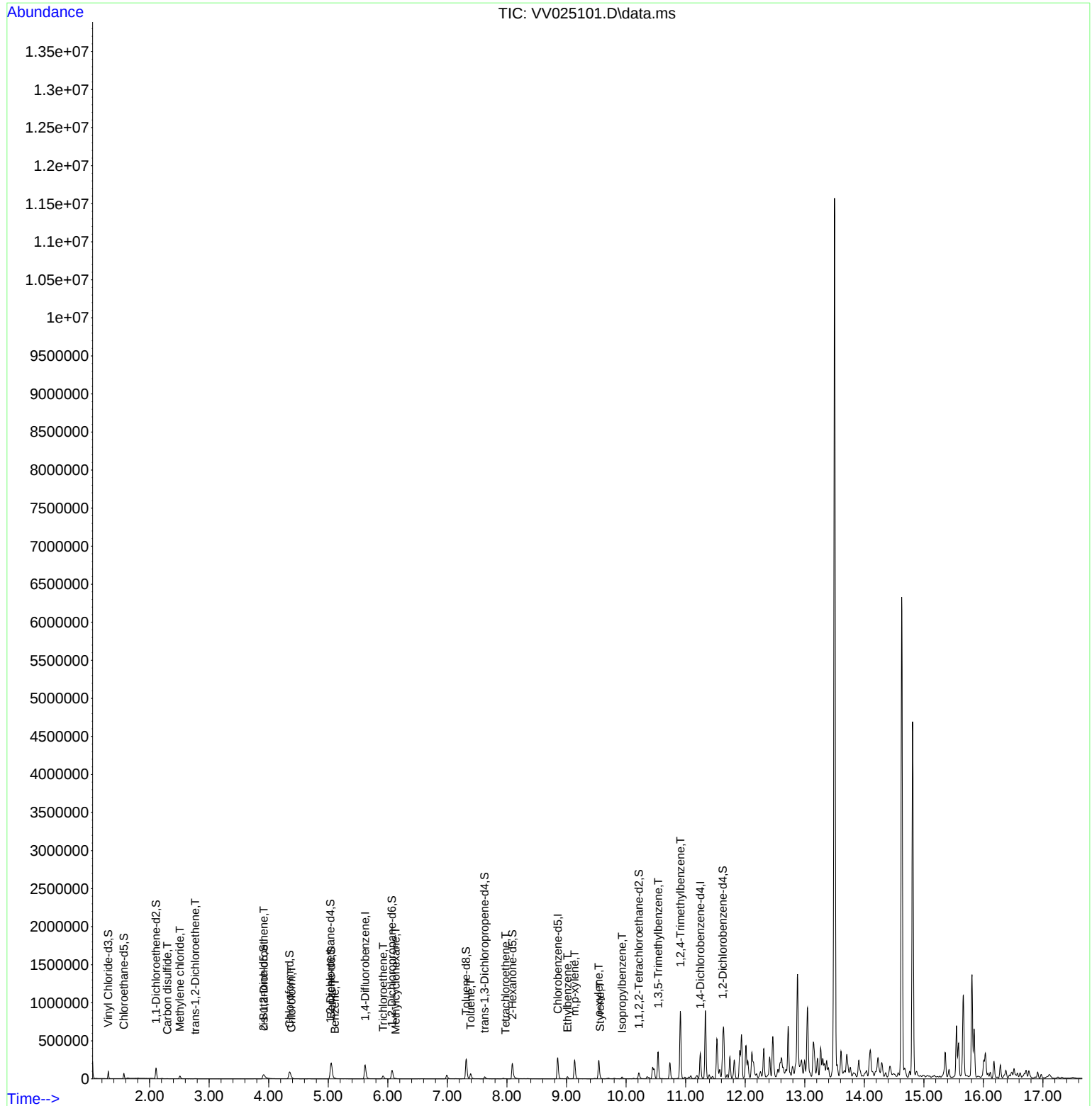
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Data File : VV025101.D
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Operator : SY/MD
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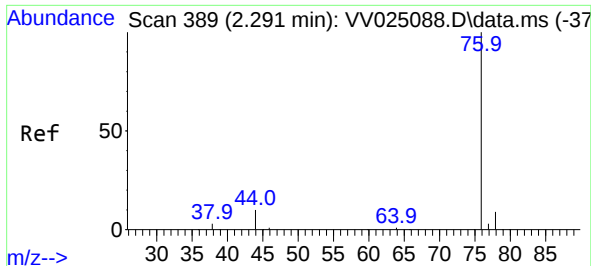
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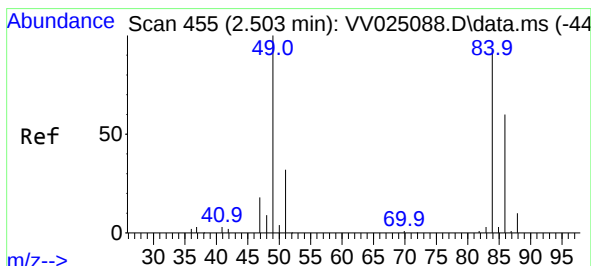
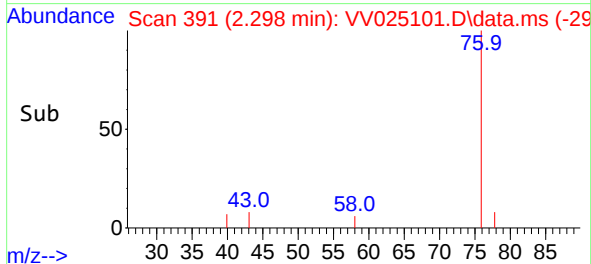
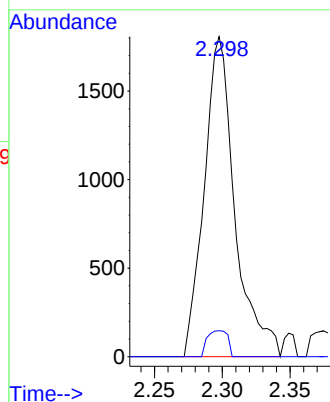
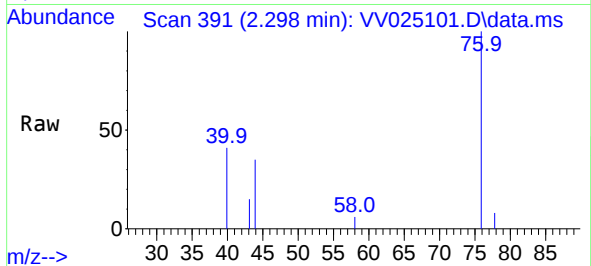
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Carbon disulfide
Concen: 0.073 ug/L
RT: 2.298 min Scan# 391
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

Tgt Ion: 76 Resp: 2840
Ion Ratio Lower Upper
76 100
78 8.1 7.4 11.0

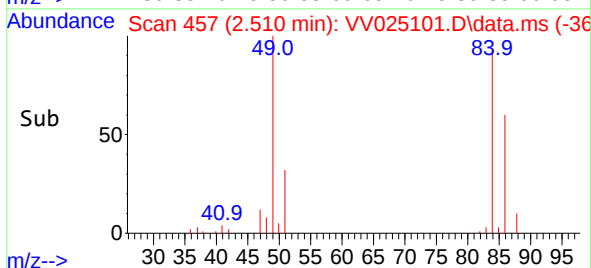
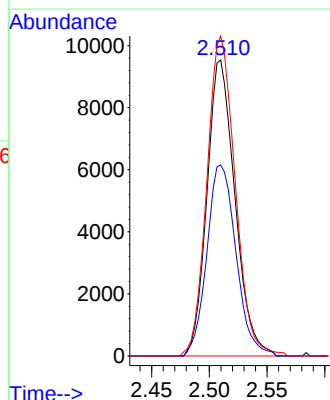
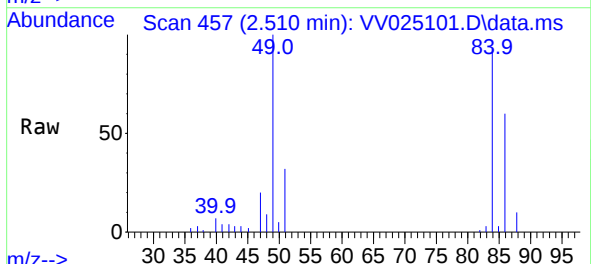
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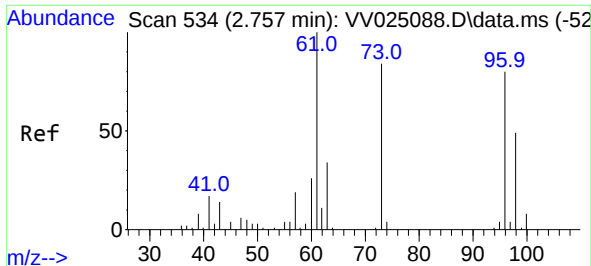
Reviewed By :John Carlone 03/28/2022
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#16
Methylene chloride
Concen: 1.226 ug/L
RT: 2.510 min Scan# 457
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

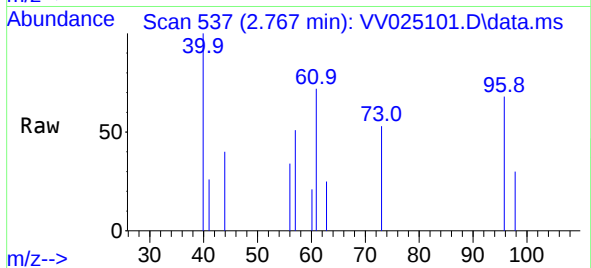
Tgt Ion: 84 Resp: 16065
Ion Ratio Lower Upper
84 100
86 64.5 45.5 84.5
49 108.1 75.0 139.2





#18
trans-1,2-Dichloroethene
Concen: 0.054 ug/L
RT: 2.767 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

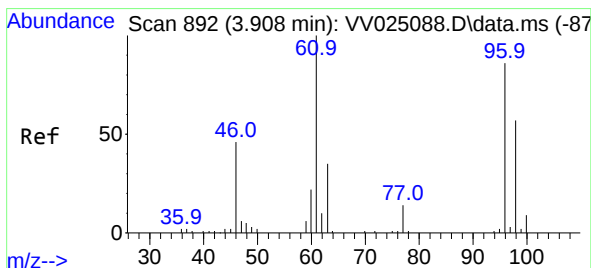
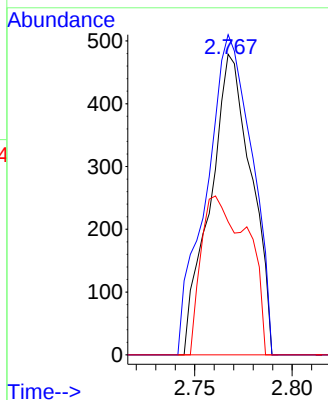
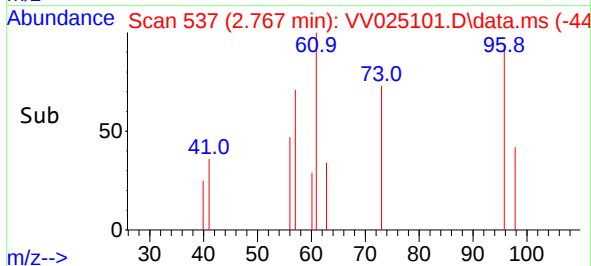
Instrument :
MSVOA_V
ClientSampleId :
C0QA7



Tgt Ion: 96 Resp: 70
Ion Ratio Lower Upper
96 100
61 106.5 89.2 165.6
98 44.3 43.9 81.5

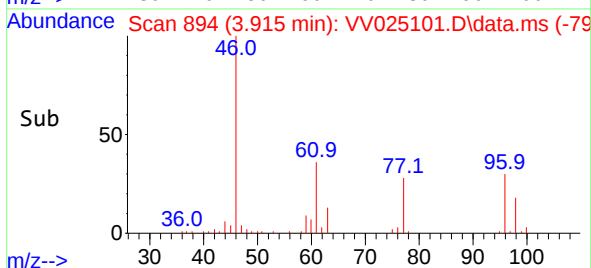
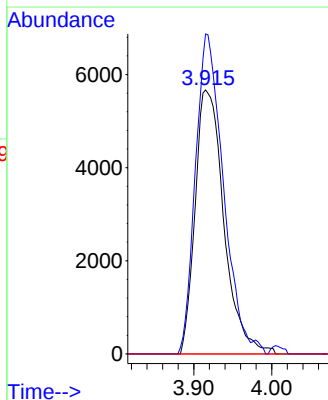
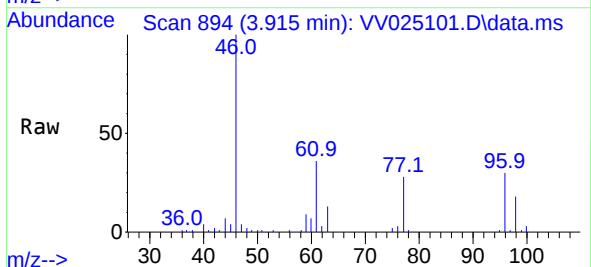
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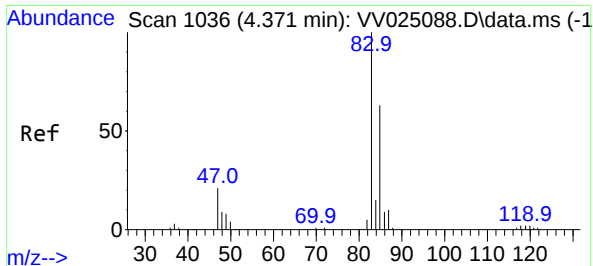
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#22
cis-1,2-Dichloroethene
Concen: 1.105 ug/L
RT: 3.915 min Scan# 894
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Tgt Ion: 96 Resp: 14512
Ion Ratio Lower Upper
96 100
61 121.2 79.7 147.9
68 0.0 0.0 0.0





#25

Chloroform

Concen: 0.533 ug/L

RT: 4.381 min Scan# 1036

Delta R.T. 0.010 min

Lab File: VV025101.D

Acq: 18 Mar 2022 16:32

Instrument :

MSVOA_V

ClientSampleId :

C0QA7

Tgt Ion: 83 Resp: 12270

Ion Ratio Lower Upper

83 100

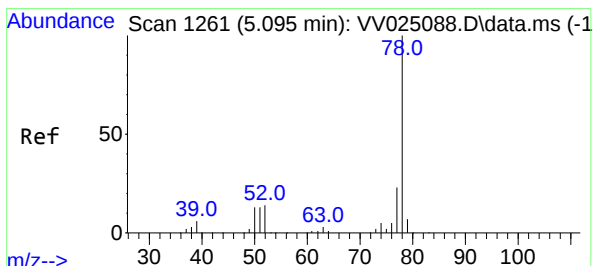
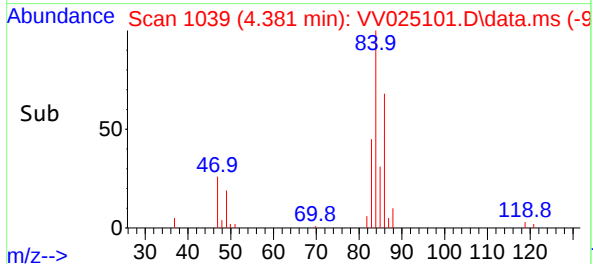
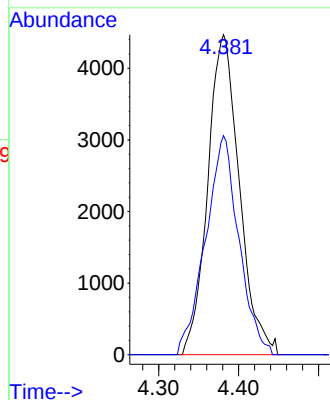
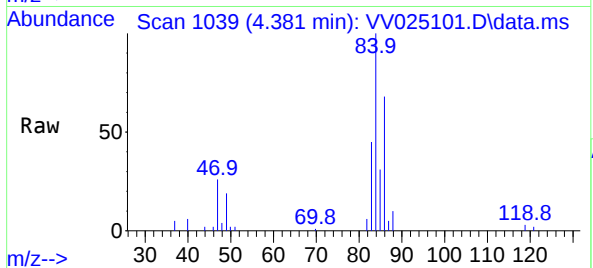
85 68.4 44.5 82.7

Manual Integrations

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#33

Benzene

Concen: 0.146 ug/L

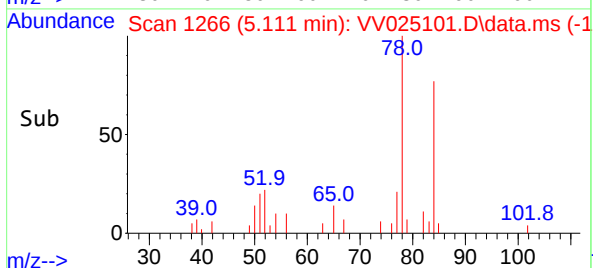
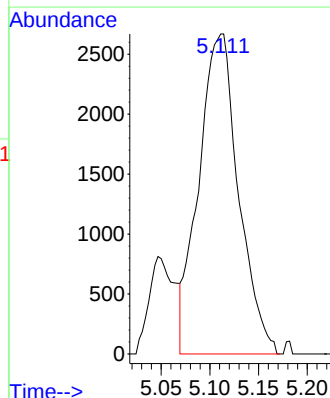
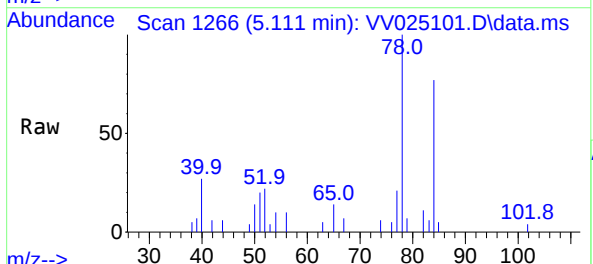
RT: 5.111 min Scan# 1266

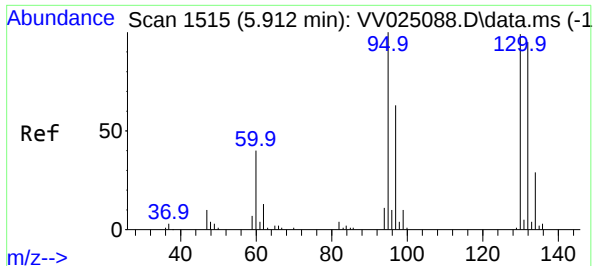
Delta R.T. 0.016 min

Lab File: VV025101.D

Acq: 18 Mar 2022 16:32

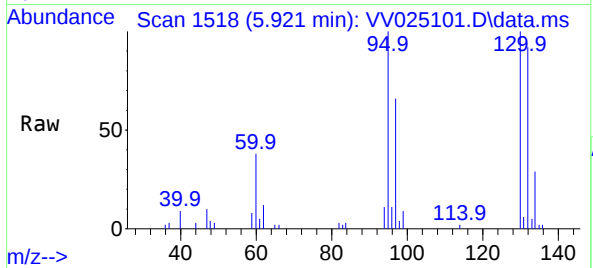
Tgt Ion: 78 Resp: 7575





#34
Trichloroethene
Concen: 1.056 ug/L
RT: 5.921 min Scan# 1515
Delta R.T. 0.010 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

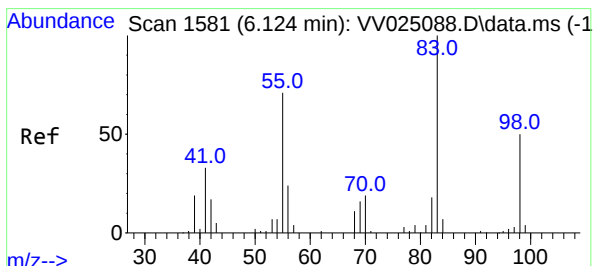
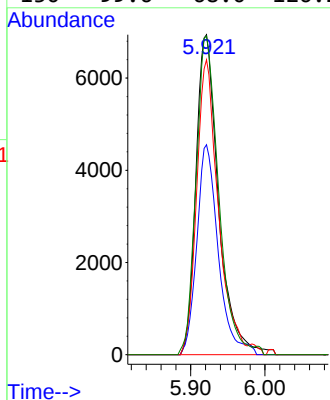
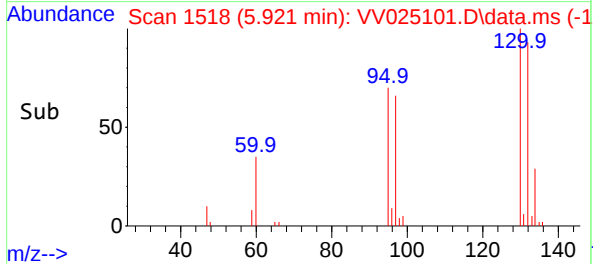
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C0QA7



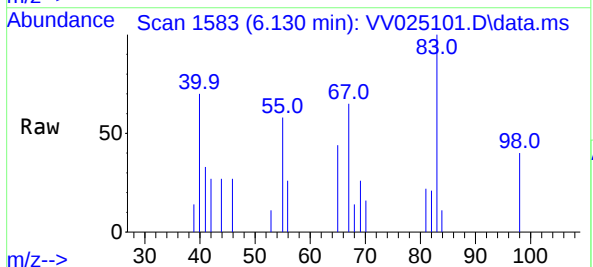
Tgt Ion: 95 Resp: 14638
Ion Ratio Lower Upper
95 100
97 65.6 44.5 82.7
132 92.2 66.5 123.5
130 99.6 68.0 126.2

Manual Integrations
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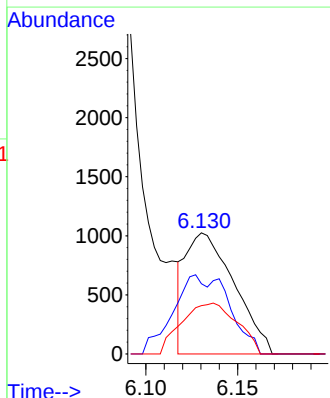
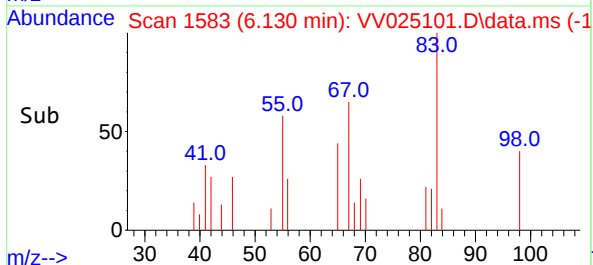
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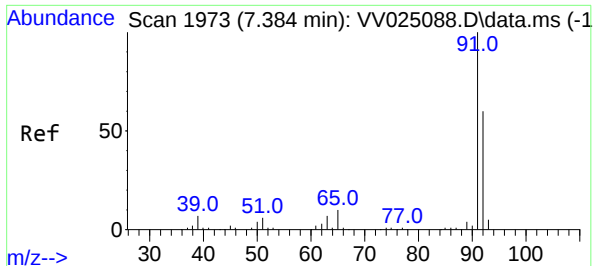


#35
Methylcyclohexane
Concen: 0.086 ug/L
RT: 6.130 min Scan# 1583
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32



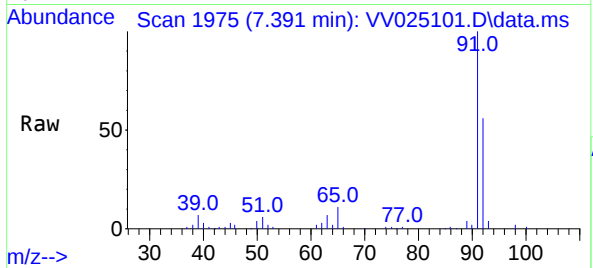
Tgt Ion: 83 Resp: 1891
Ion Ratio Lower Upper
83 100
55 45.8 55.4 83.0#
98 47.9 38.4 57.6





#42
Toluene
Concen: 0.972 ug/L
RT: 7.391 min Scan# 1975
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

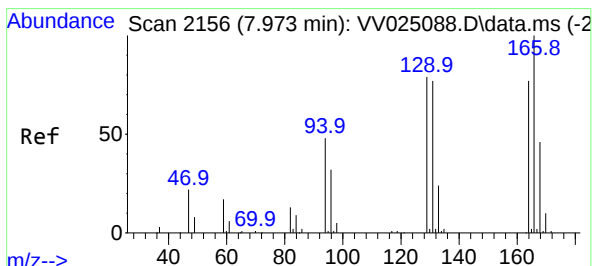
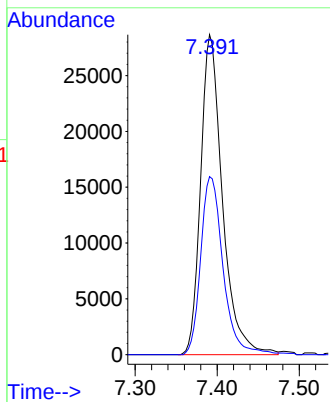
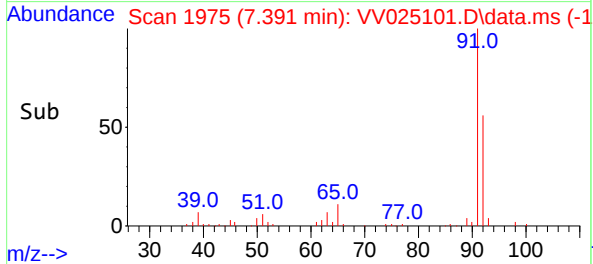
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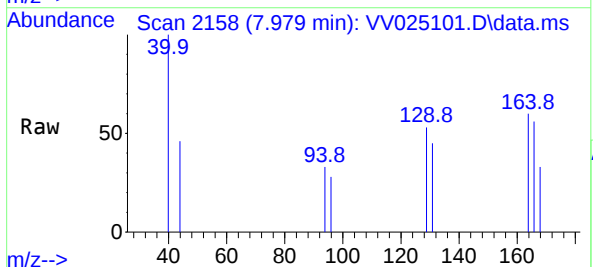
Tgt Ion: 91 Resp: 5293
Ion Ratio Lower Upper
91 100
92 55.7 41.2 76.4

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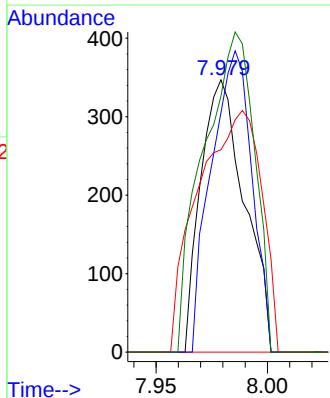
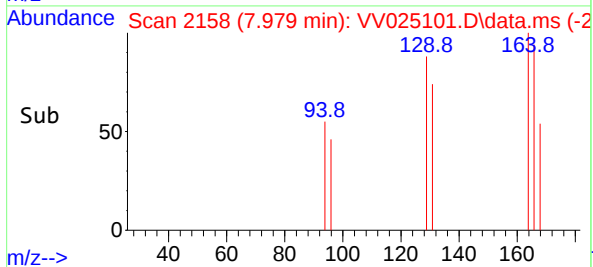
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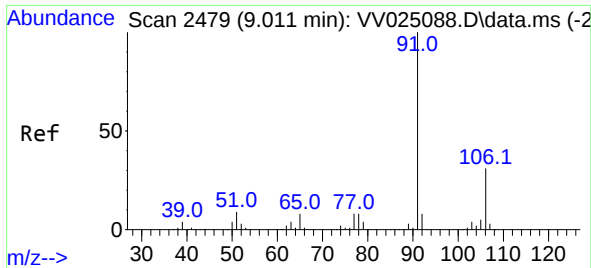


#47
Tetrachloroethene
Concen: 0.049 ug/L
RT: 7.979 min Scan# 2158
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32



Tgt Ion:164 Resp: 475
Ion Ratio Lower Upper
164 100
129 87.9 70.3 130.7
131 74.4 69.4 129.0
166 93.9 90.3 167.7





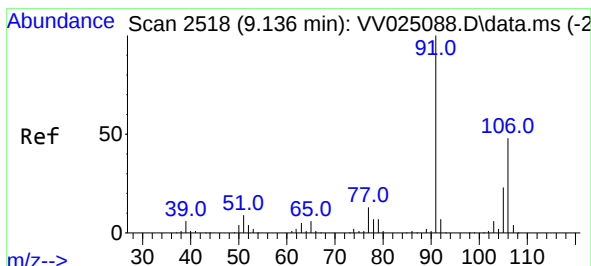
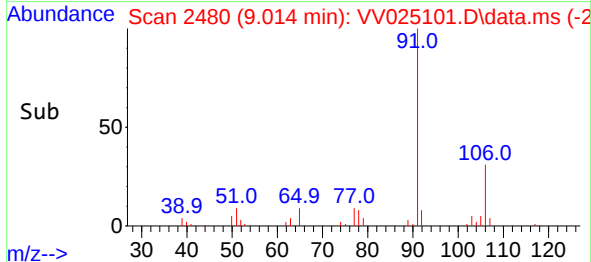
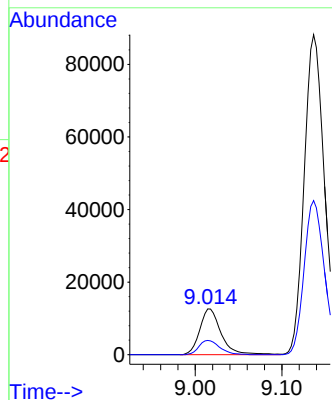
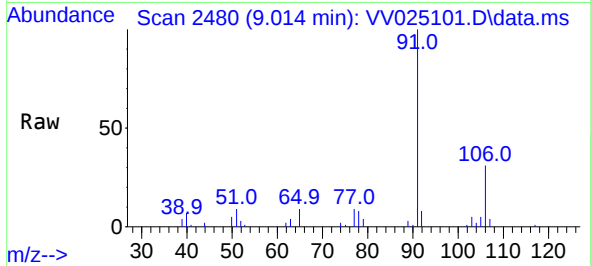
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Ethylbenzene
Concen: 0.375 ug/L
RT: 9.014 min Scan# 2479
Delta R.T. 0.003 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

Tgt Ion: 91 Resp: 21589
Ion Ratio Lower Upper
91 100
106 31.2 21.9 40.7

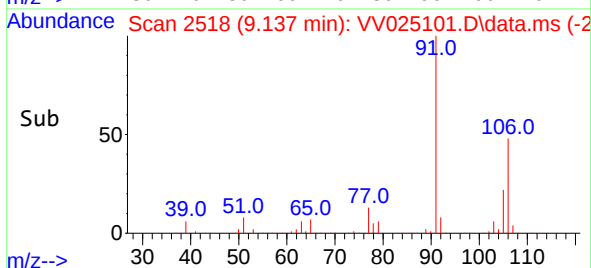
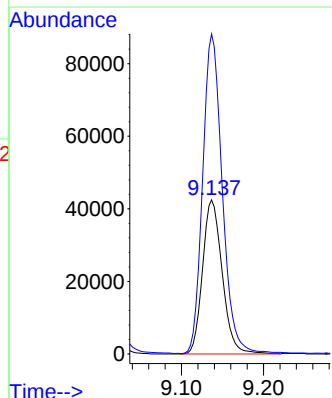
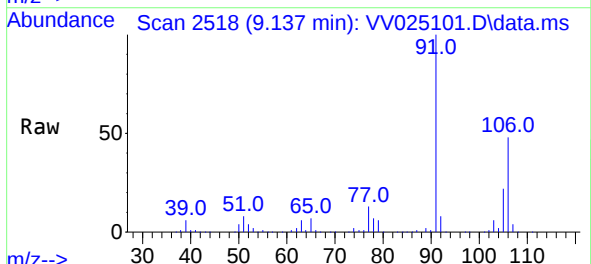
Manual Integrations
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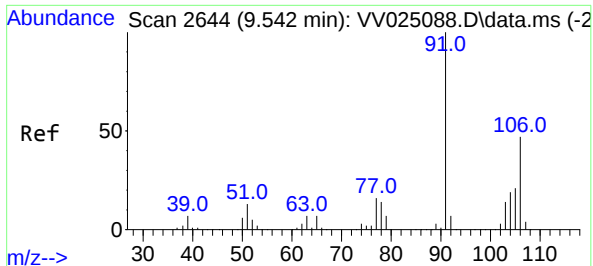
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#53
m,p-xylene
Concen: 3.184 ug/L
RT: 9.137 min Scan# 2518
Delta R.T. 0.000 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Tgt Ion:106 Resp: 70661
Ion Ratio Lower Upper
106 100
91 207.6 143.4 266.4





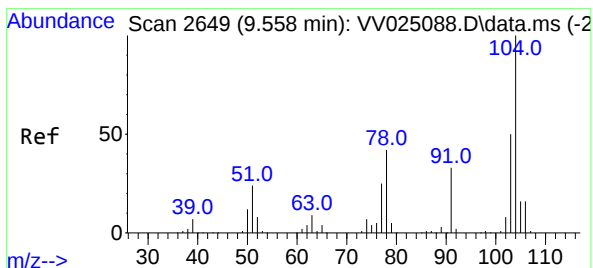
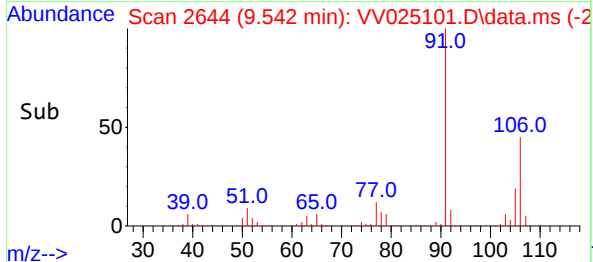
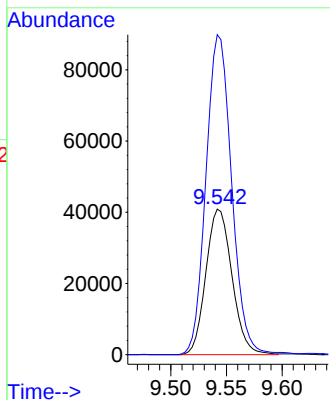
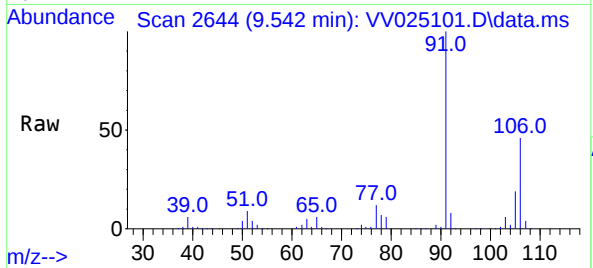
#54
o-xylene
Concen: 3.140 ug/L
RT: 9.542 min Scan# 2644
Delta R.T. 0.000 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

Tgt Ion:106 Resp: 66629
Ion Ratio Lower Upper
106 100
91 219.7 146.7 272.5

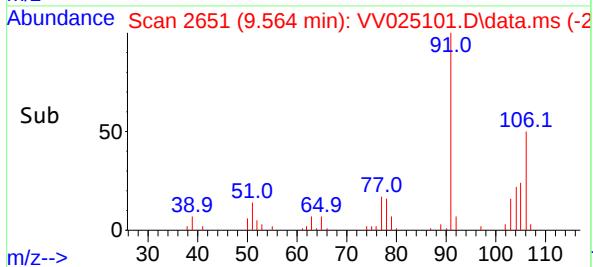
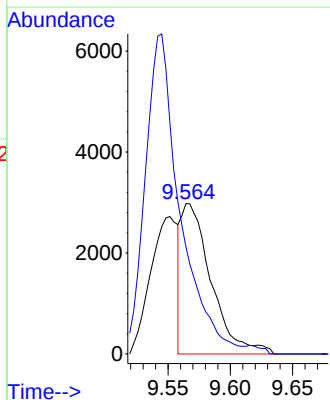
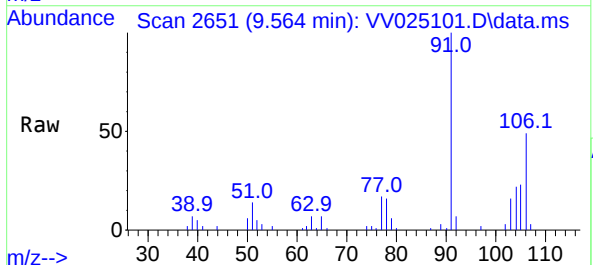
Manual Integrations
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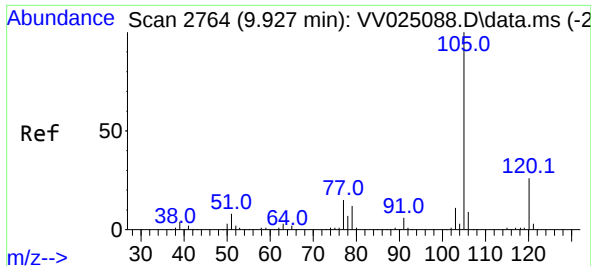
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#55
Styrene
Concen: 0.144 ug/L m
RT: 9.564 min Scan# 2651
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Tgt Ion:104 Resp: 4968
Ion Ratio Lower Upper
104 100
78 71.4 30.2 56.2#





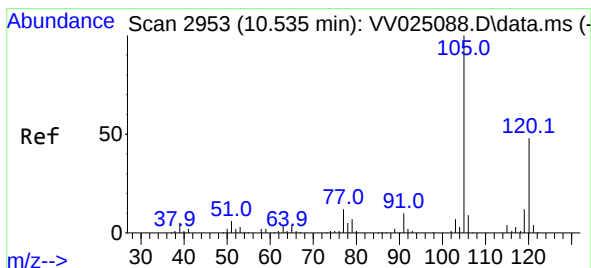
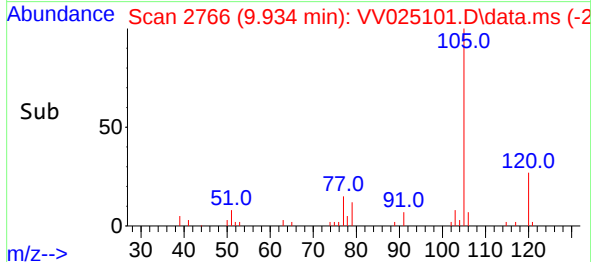
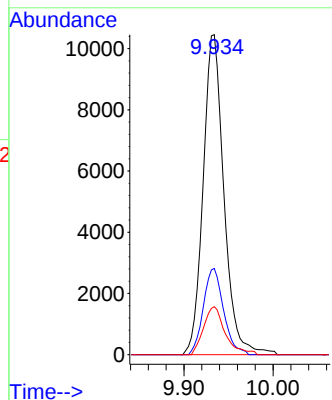
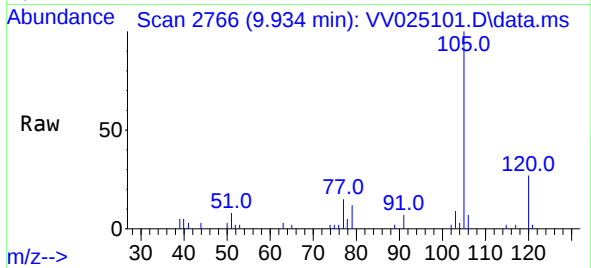
#60
Isopropylbenzene
Concen: 0.283 ug/L
RT: 9.934 min Scan# 21
Delta R.T. 0.007 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

Instrument :
MSVOA_V
ClientSampleId :
C0QA7

Tgt Ion:105 Resp: 16940
Ion Ratio Lower Upper
105 100
120 0.0 20.7 31.1
77 15.6 12.2 18.2

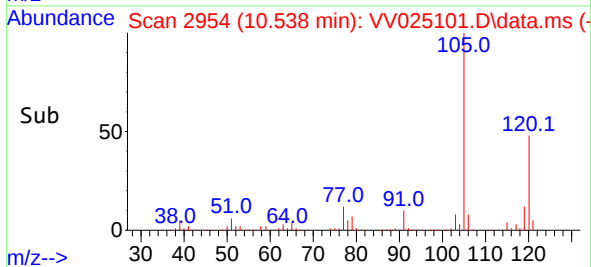
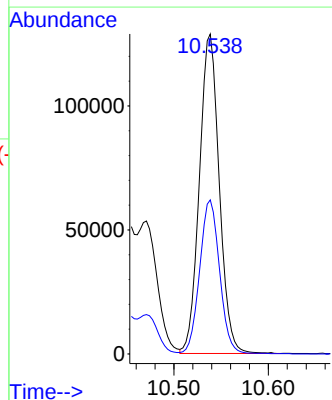
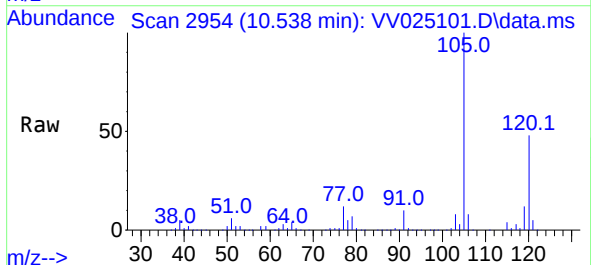
Manual Integrations
APPROVED

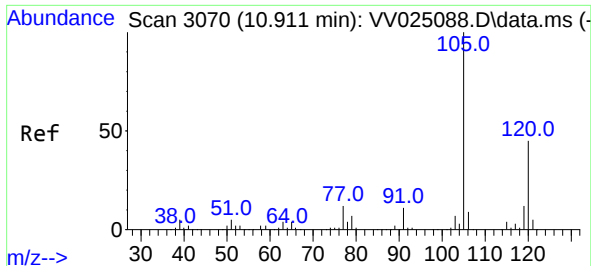
Reviewed By :John Carlone 03/28/2022
Supervised By :Mahesh Dadoda 03/28/2022



#62
1,3,5-Trimethylbenzene
Concen: 6.914 ug/L
RT: 10.538 min Scan# 2954
Delta R.T. 0.003 min
Lab File: VV025101.D
Acq: 18 Mar 2022 16:32

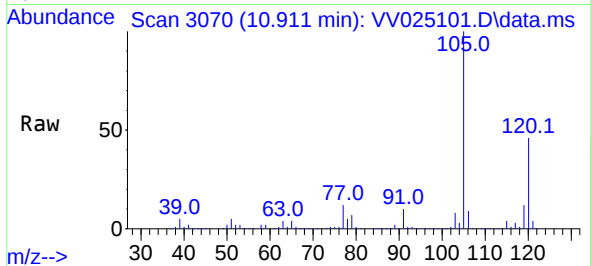
Tgt Ion:105 Resp: 187771
Ion Ratio Lower Upper
105 100
120 48.6 38.5 57.7





#63
 1,2,4-Trimethylbenzene
 Concen: 10.078 ug/L
 RT: 10.911 min Scan# 3070
 Delta R.T. 0.000 min
 Lab File: VV025101.D
 Acq: 18 Mar 2022 16:32

Instrument :
 MSVOA_V
 ClientSampleId :
 C0QA7



Tgt Ion:105 Resp: 484715
 Ion Ratio Lower Upper
 105 100
 120 45.4 35.8 53.8

Manual Integrations
 APPROVED

Reviewed By :John Carlone 03/28/2022
 Supervised By :Mahesh Dadoda 03/28/2022

