

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032512.D
 Acq On : 20 Oct 2023 10:15
 Operator : SY/MD
 Sample : 04903-11DL 200X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4DL

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/23/2023
 Supervised By : Mahesh Dadoda 10/25/2023

Quant Time: Oct 21 01:28:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Fri Oct 20 23:03:10 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.539	114	88185	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	99412	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52733	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	33541	4.677	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	93.600%	
7) Chloroethane-d5	1.532	69	31174	5.355	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	107.000%	
11) 1,1-Dichloroethene-d2	2.060	65	13324	4.405	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	88.200%	
20) 2-Butanone-d5	3.809	46	87119	48.019	ug/L	-0.01
Spiked Amount	50.000	Range 40 - 130	Recovery	=	96.040%	
24) Chloroform-d	4.252	84	58642	4.635	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	92.600%	
26) 1,2-Dichloroethane-d4	4.947	65	31192	5.205	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	104.000%	
32) Benzene-d6	4.963	84	114496	3.914	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	78.200%	
36) 1,2-Dichloropropane-d6	5.992	67	37333	3.852	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	77.000%	
41) Toluene-d8	7.246	98	100166	3.745	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	74.800%	
43) trans-1,3-Dichloroprop...	7.561	79	13767	4.009	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	80.200%	
46) 2-Hexanone-d5	8.030	63	75008	46.420	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	92.840%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32013	4.722	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	94.400%	
66) 1,2-Dichlorobenzene-d4	11.564	152	41688	4.260	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	85.200%	
Target Compounds						
16) Methylene chloride	2.449	84	4081	0.484	ug/L	85
30) Cyclohexane	4.584	56	14879	1.002	ug/L	97
33) Benzene	5.018	78	5833	0.167	ug/L	100
35) Methylcyclohexane	6.053	83	5395	0.365	ug/L	93
42) Toluene	7.317	91	1003058	26.883	ug/L	98
52) Ethylbenzene	8.950	91	338690	8.152	ug/L	98
53) m,p-Xylene	9.072	106	393084	25.510	ug/L	100
54) o-Xylene	9.481	106	143183	9.643	ug/L	98
60) Isopropylbenzene	9.873	105	13102m	0.320	ug/L	
62) 1,3,5-Trimethylbenzene	10.480	105	39297	1.176	ug/L	98
63) 1,2,4-Trimethylbenzene	10.857	105	167989	5.052	ug/L	99

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

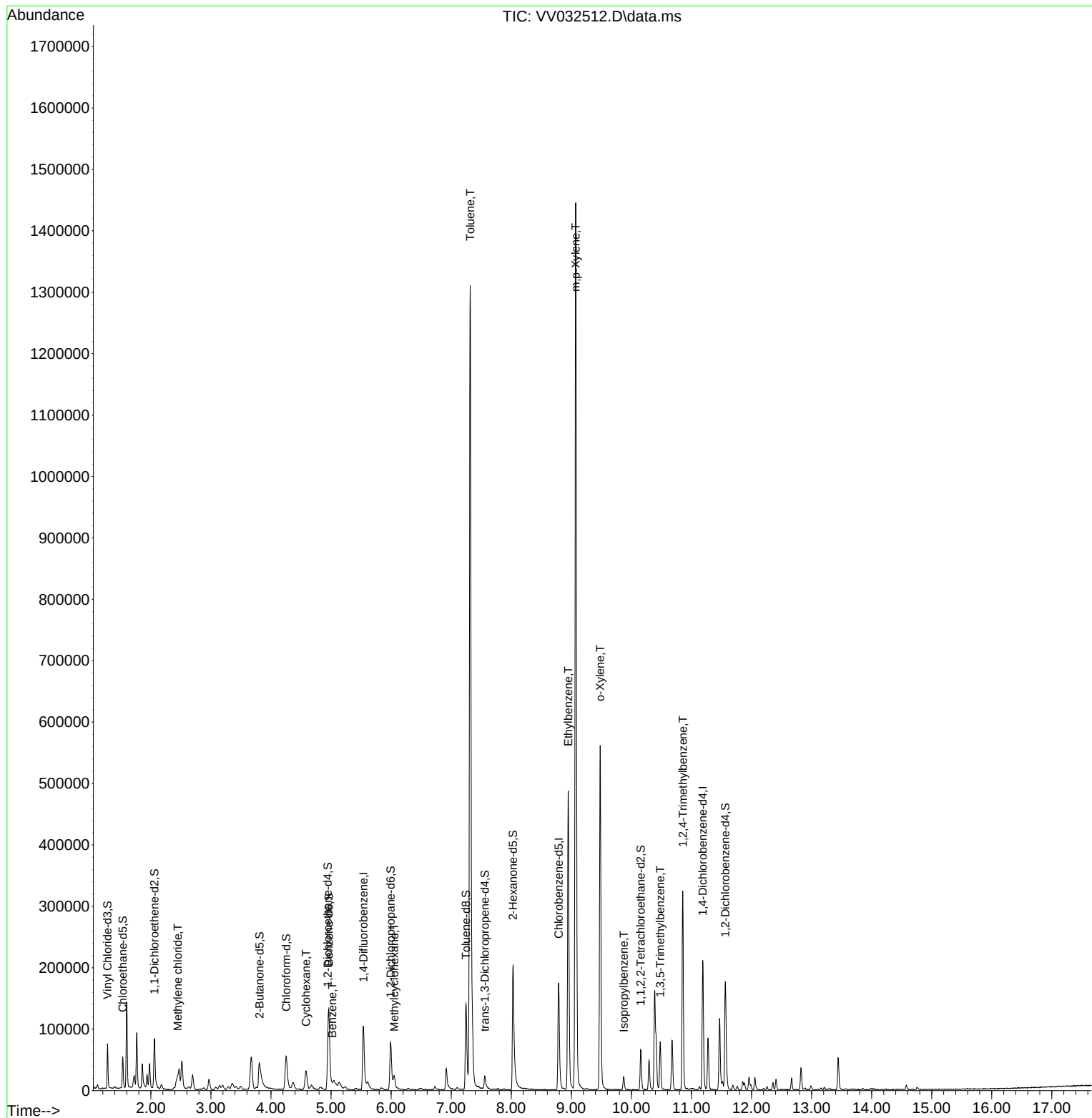
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032512.D
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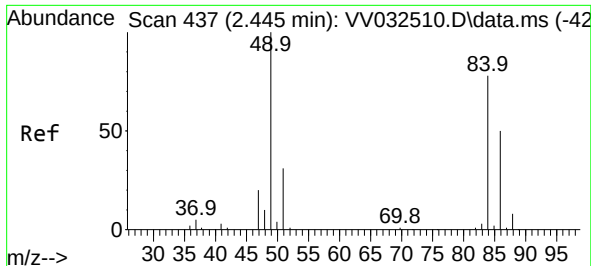
Instrument :
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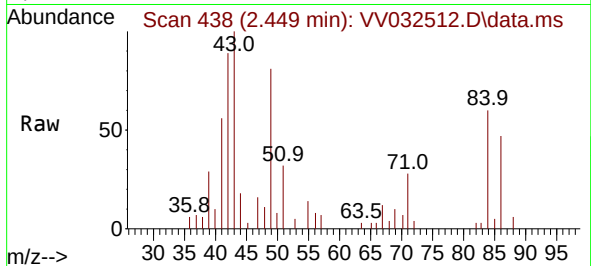
Quant Time: Oct 21 01:28:55 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Fri Oct 20 23:03:10 2023
Response via : Initial Calibration





#16
Methylene chloride
Concen: 0.484 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

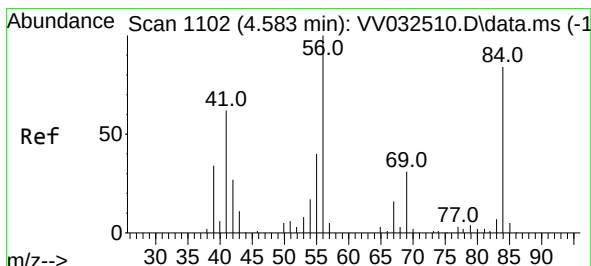
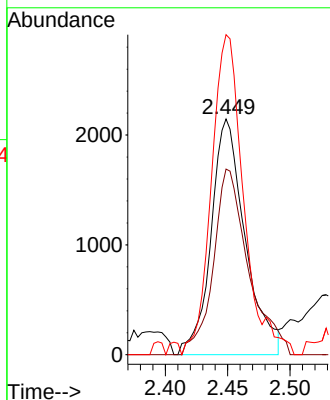
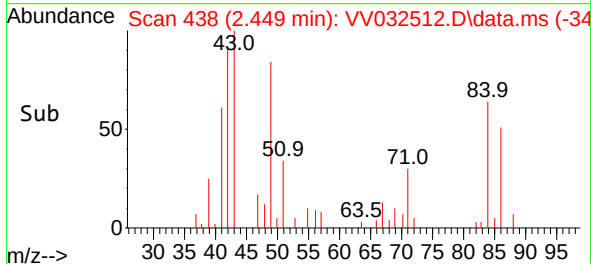
Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL



Tgt Ion: 84 Resp: 408
Ion Ratio Lower Upper
84 100
86 78.8 43.2 80.2
49 135.8 86.3 160.3

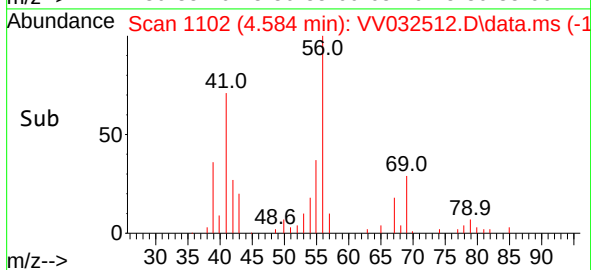
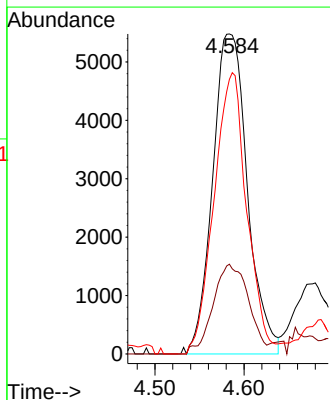
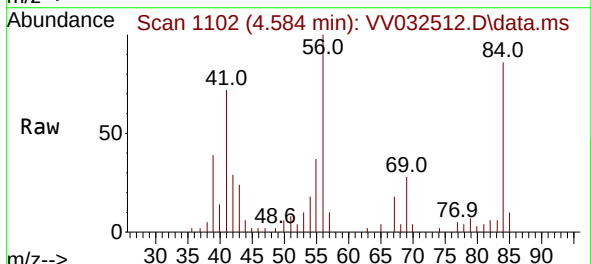
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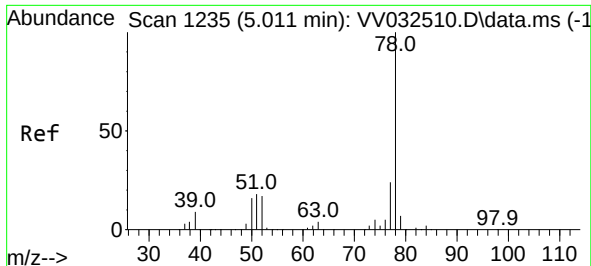
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023



#30
Cyclohexane
Concen: 1.002 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 56 Resp: 14879
Ion Ratio Lower Upper
56 100
69 28.6 24.2 36.2
84 82.9 68.1 102.1





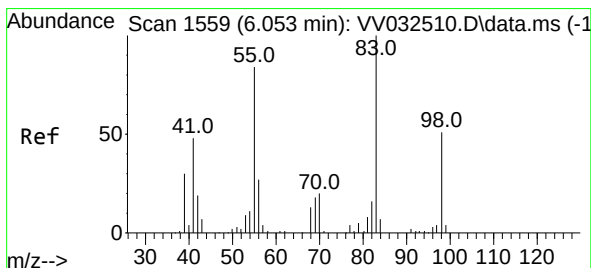
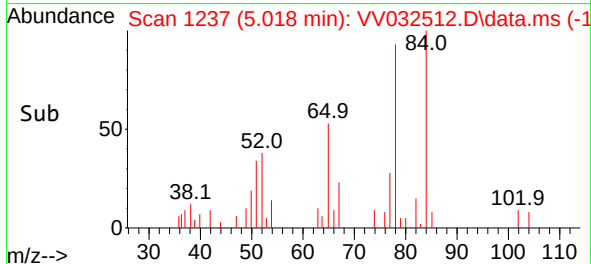
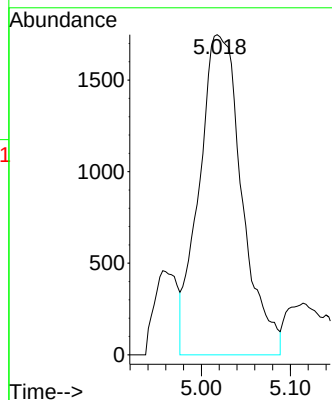
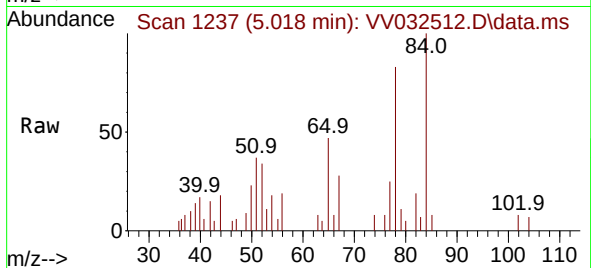
#33
Benzene
Concen: 0.167 ug/L
RT: 5.018 min Scan# 11
Delta R.T. 0.007 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Tgt Ion: 78 Resp: 583

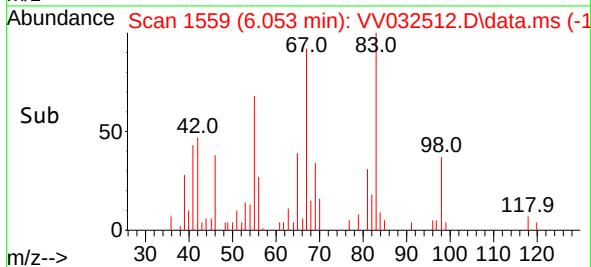
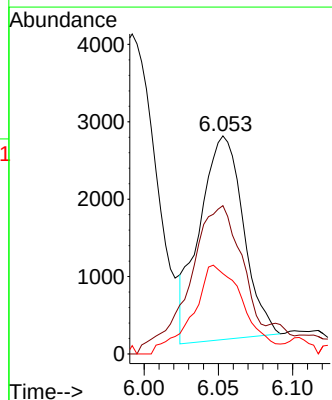
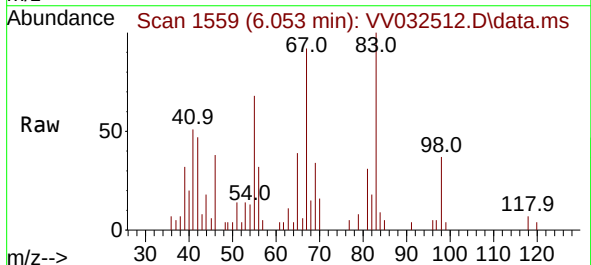
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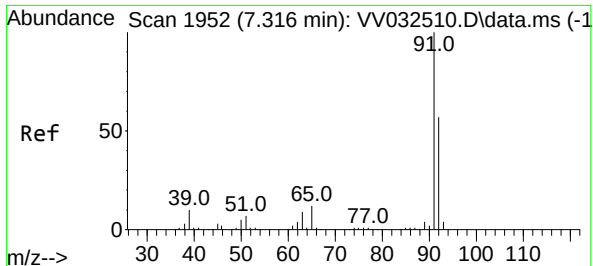
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023



#35
Methylcyclohexane
Concen: 0.365 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion: 83 Resp: 5395
Ion Ratio Lower Upper
83 100
55 89.4 64.2 96.2
98 50.5 39.6 59.4





#42

Toluene

Concen: 26.883 ug/L

RT: 7.317 min Scan# 1952

Delta R.T. 0.000 min

Lab File: VV032512.D

Acq: 20 Oct 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :

C0AF4DL

Tgt Ion: 91 Resp: 1003058

Ion Ratio Lower Upper

91 100

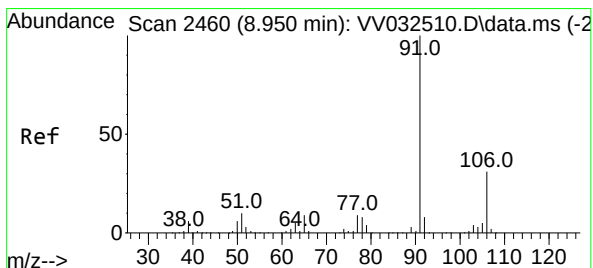
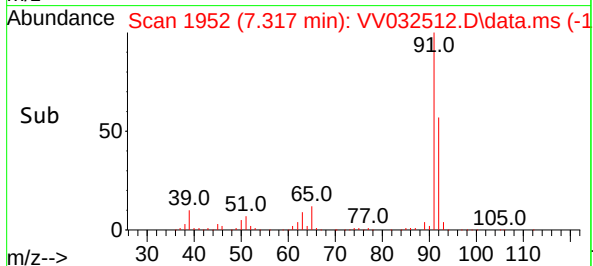
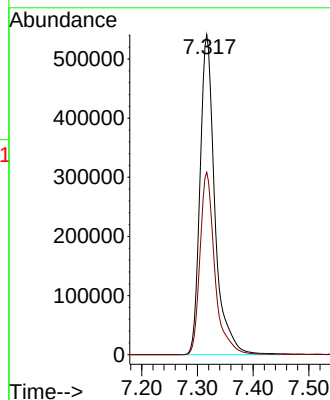
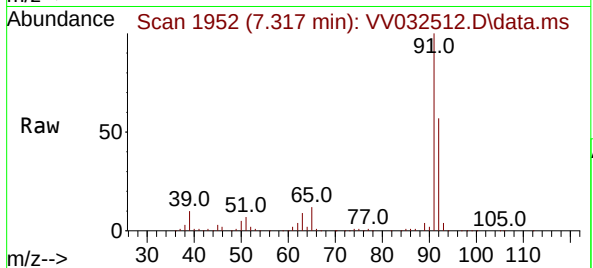
92 57.0 40.8 75.8

Manual Integrations

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Reviewed By :John Carlone 10/23/2023

Supervised By :Mahesh Dadoda 10/25/2023



#52

Ethylbenzene

Concen: 8.152 ug/L

RT: 8.950 min Scan# 2460

Delta R.T. 0.000 min

Lab File: VV032512.D

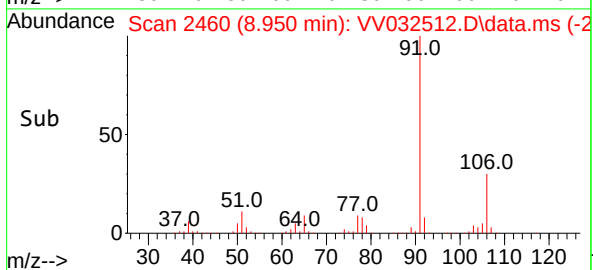
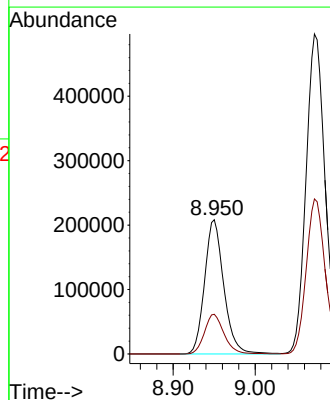
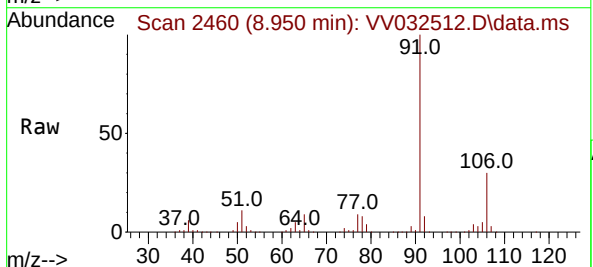
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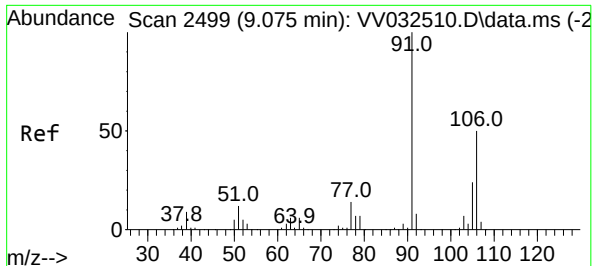
Tgt Ion: 91 Resp: 338690

Ion Ratio Lower Upper

91 100

106 29.6 21.3 39.5





#53

m,p-Xylene

Concen: 25.510 ug/L

RT: 9.072 min Scan# 2499

Delta R.T. -0.003 min

Lab File: VV032512.D

Acq: 20 Oct 2023 10:15

Instrument :

MSVOA_V

ClientSampleId :

C0AF4DL

Tgt Ion:106 Resp: 393084

Ion Ratio Lower Upper

106 100

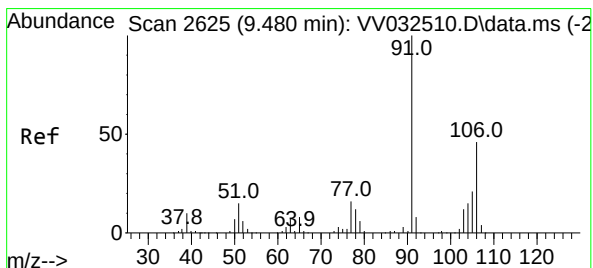
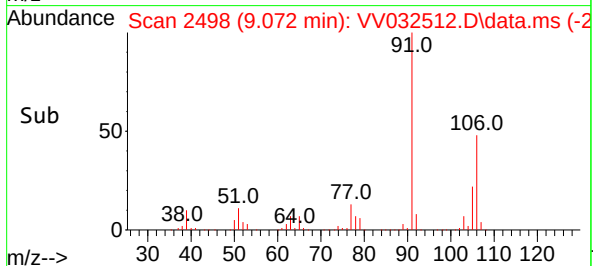
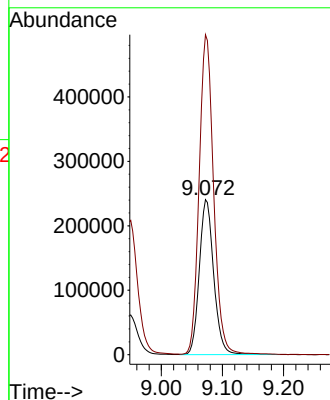
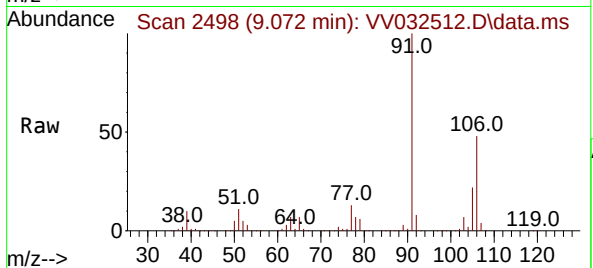
91 206.4 144.5 268.3

Manual Integrations

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Supervised By :Mahesh Dadoda 10/25/2023



#54

o-Xylene

Concen: 9.643 ug/L

RT: 9.481 min Scan# 2625

Delta R.T. 0.000 min

Lab File: VV032512.D

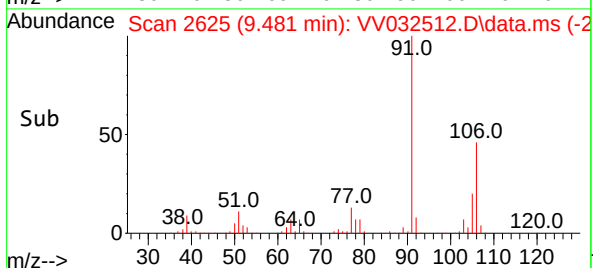
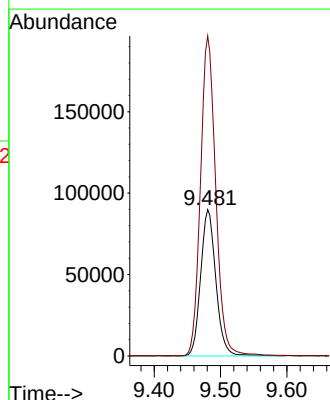
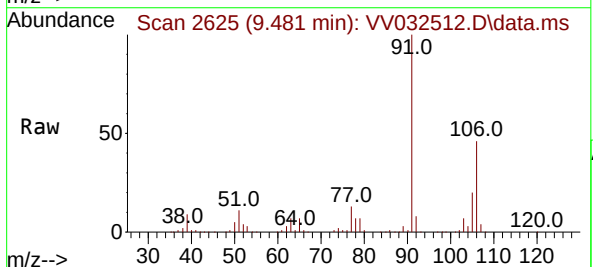
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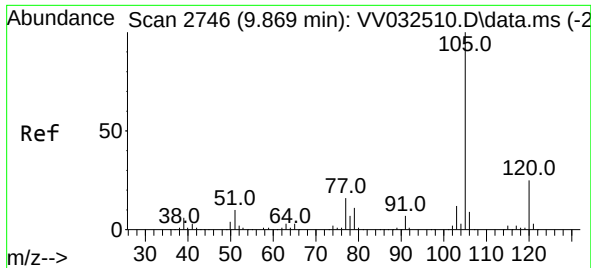
Tgt Ion:106 Resp: 143183

Ion Ratio Lower Upper

106 100

91 218.7 154.8 287.4





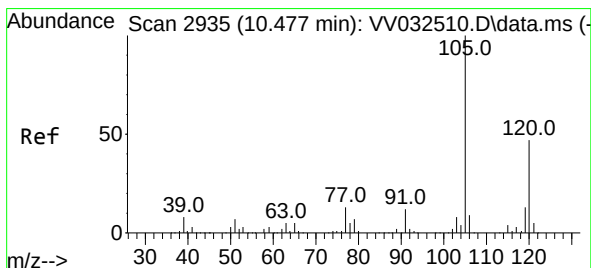
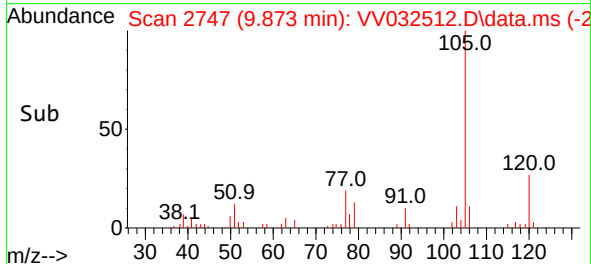
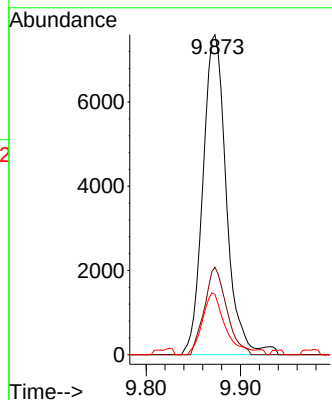
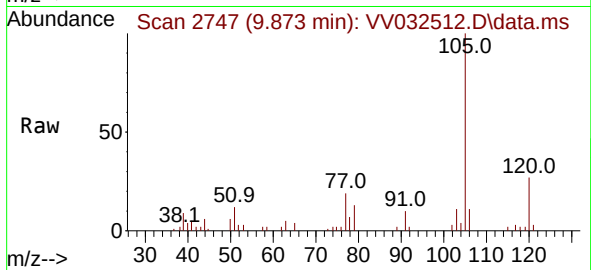
#60
Isopropylbenzene
Concen: 0.320 ug/L m
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL

Tgt Ion:105 Resp: 1310
Ion Ratio Lower Upper
105 100
120 112.4 21.0 31.6
77 52.6 12.6 19.0

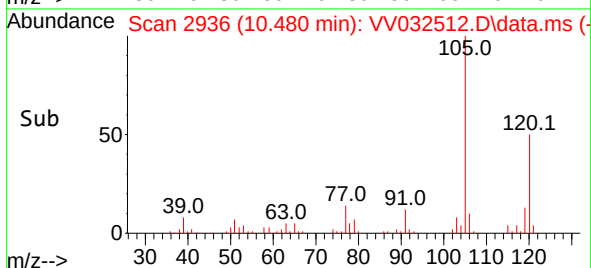
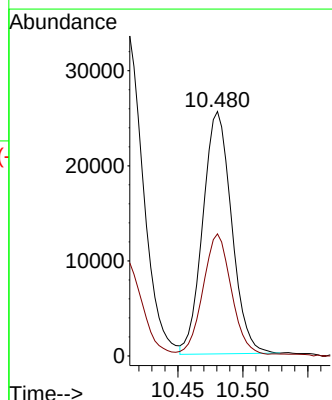
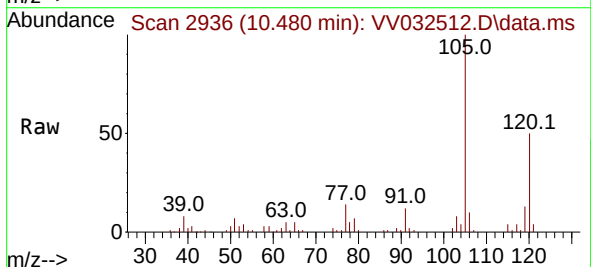
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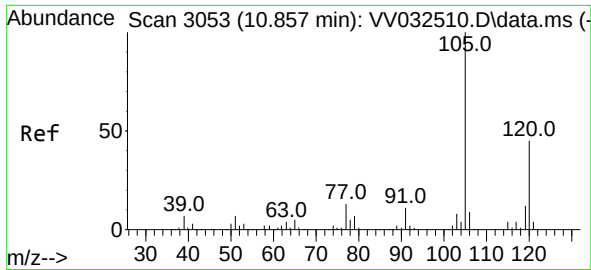
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023



#62
1,3,5-Trimethylbenzene
Concen: 1.176 ug/L
RT: 10.480 min Scan# 2936
Delta R.T. 0.003 min
Lab File: VV032512.D
Acq: 20 Oct 2023 10:15

Tgt Ion:105 Resp: 39297
Ion Ratio Lower Upper
105 100
120 48.5 39.9 59.9





#63
 1,2,4-Trimethylbenzene
 Concen: 5.052 ug/L
 RT: 10.857 min Scan# 3053
 Delta R.T. 0.000 min
 Lab File: VV032512.D
 Acq: 20 Oct 2023 10:15

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4DL

Tgt Ion:105 Resp: 167989
 Ion Ratio Lower Upper
 105 100
 120 44.9 36.2 54.4

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