

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW102023\
 Data File : VW032516.D
 Acq On : 20 Oct 2023 11:52
 Operator : SY/MD
 Sample : 04903-11DL2 400X
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0AF4DL2

Manual Integrations
 APPROVED

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

Quant Time: Oct 20 23:05:14 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	5.538	114	91421	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.789	117	103978	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.188	152	52593	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.278	65	31303	4.210	ug/L	0.00
Spiked Amount	5.000	Range 40 - 130	Recovery	=	84.200%	
7) Chloroethane-d5	1.532	69	29627	4.909	ug/L	0.00
Spiked Amount	5.000	Range 65 - 130	Recovery	=	98.200%	
11) 1,1-Dichloroethene-d2	2.060	65	12556	4.004	ug/L	0.00
Spiked Amount	5.000	Range 60 - 125	Recovery	=	80.000%	
20) 2-Butanone-d5	3.805	46	91996	48.912	ug/L	-0.02
Spiked Amount	50.000	Range 40 - 130	Recovery	=	97.820%	
24) Chloroform-d	4.252	84	59411	4.530	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	90.600%	
26) 1,2-Dichloroethane-d4	4.947	65	31156	5.015	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	100.200%	
32) Benzene-d6	4.963	84	113520	3.710	ug/L	0.00
Spiked Amount	5.000	Range 70 - 125	Recovery	=	74.200%	
36) 1,2-Dichloropropane-d6	5.992	67	41366	4.081	ug/L	0.00
Spiked Amount	5.000	Range 60 - 140	Recovery	=	81.600%	
41) Toluene-d8	7.246	98	96239	3.440	ug/L	0.00
Spiked Amount	5.000	Range 70 - 130	Recovery	=	68.800%#	
43) trans-1,3-Dichloroprop...	7.558	79	12737	3.546	ug/L	0.00
Spiked Amount	5.000	Range 55 - 130	Recovery	=	71.000%	
46) 2-Hexanone-d5	8.030	63	74700	44.199	ug/L	0.00
Spiked Amount	50.000	Range 45 - 130	Recovery	=	88.400%	
56) 1,1,2,2-Tetrachloroeth...	10.156	84	32934	4.645	ug/L	0.00
Spiked Amount	5.000	Range 65 - 120	Recovery	=	92.800%	
66) 1,2-Dichlorobenzene-d4	11.564	152	39679	4.066	ug/L	0.00
Spiked Amount	5.000	Range 80 - 120	Recovery	=	81.400%	
Target Compounds						
16) Methylene chloride	2.449	84	5690	0.651	ug/L	97
30) Cyclohexane	4.584	56	6843	0.440	ug/L #	92
35) Methylcyclohexane	6.053	83	2410	0.156	ug/L #	76
42) Toluene	7.317	91	437680	11.215	ug/L	100
52) Ethylbenzene	8.950	91	143835	3.310	ug/L	100
53) m,p-Xylene	9.075	106	167282	10.379	ug/L	98
54) o-Xylene	9.480	106	61204	3.941	ug/L	98
60) Isopropylbenzene	9.873	105	6195m	0.152	ug/L	
62) 1,3,5-Trimethylbenzene	10.480	105	16894	0.507	ug/L	99
63) 1,2,4-Trimethylbenzene	10.853	105	65174	1.965	ug/L	99

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

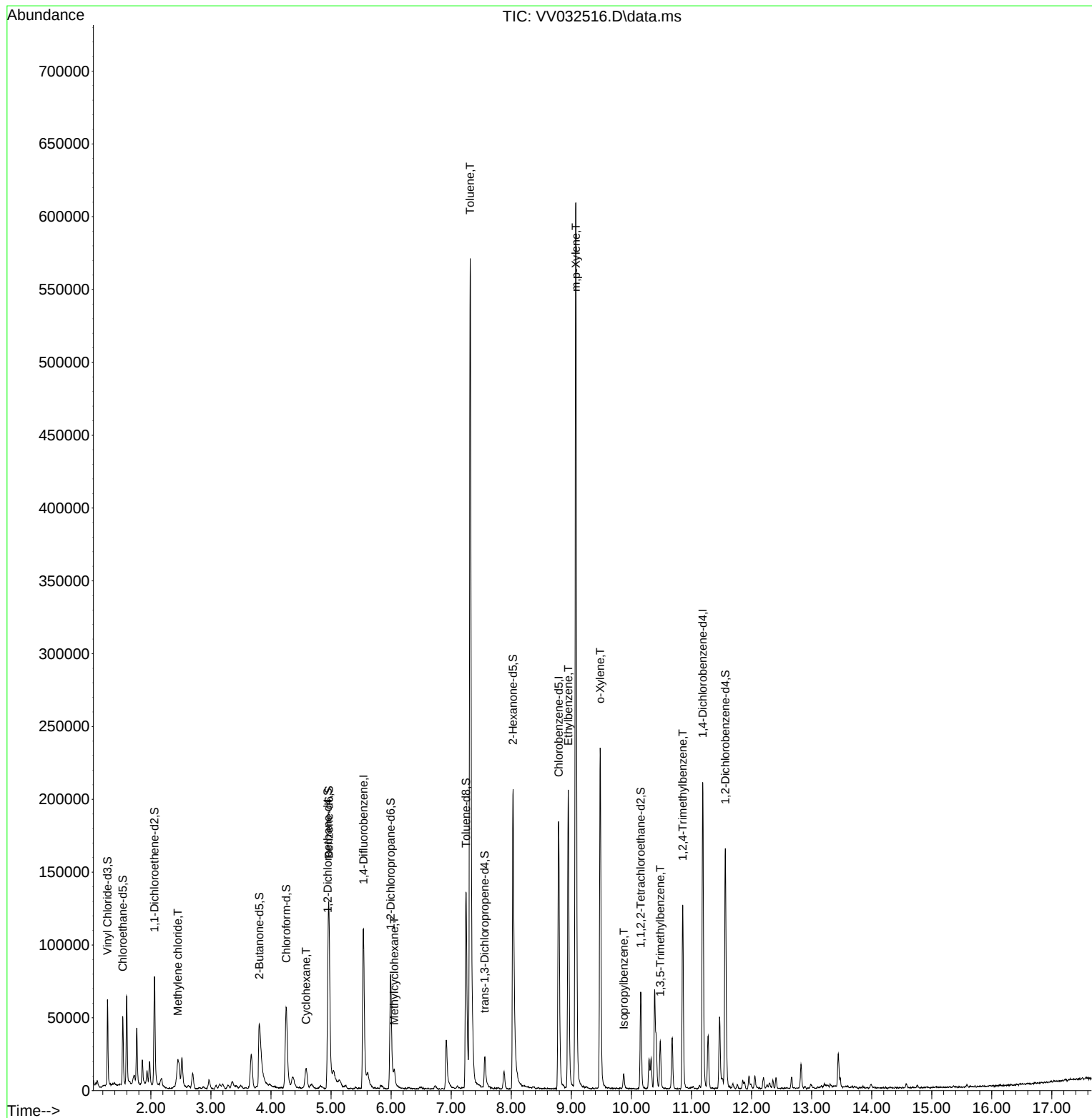
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV102023\
Data File : VV032516.D
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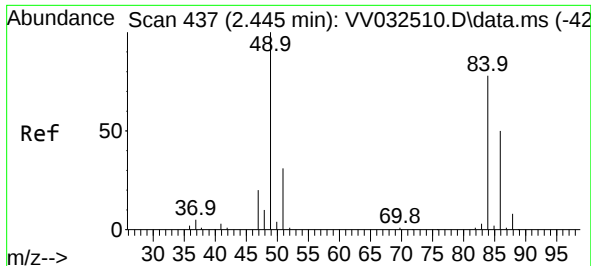
Instrument :
MSVOA_V
ClientSampleId :
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Quant Time: Oct 20 23:05:14 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR092923WMA.M
Quant Title : TRACE VOA SFAM1.0
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Response via : Initial Calibration

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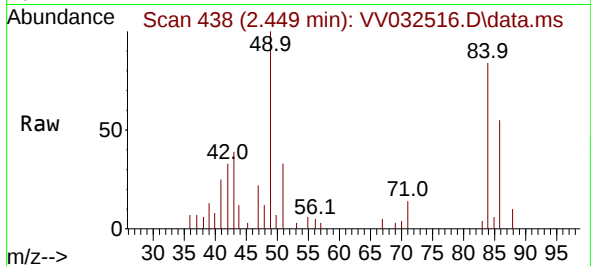
Reviewed By : John Carlone 10/23/2023
Supervised By : Mahesh Dadoda 10/25/2023





#16
Methylene chloride
Concen: 0.651 ug/L
RT: 2.449 min Scan# 41
Delta R.T. 0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

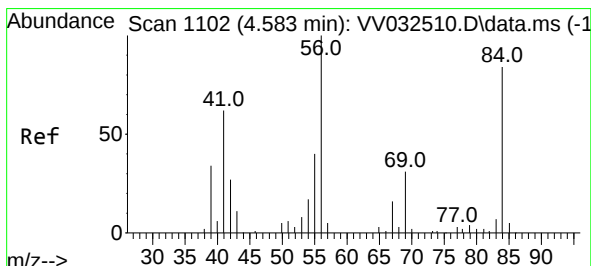
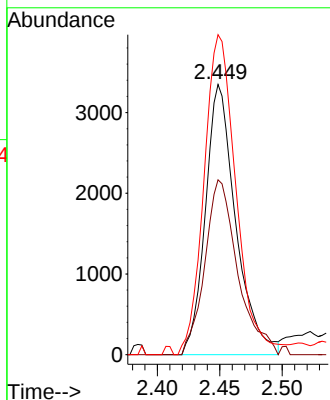
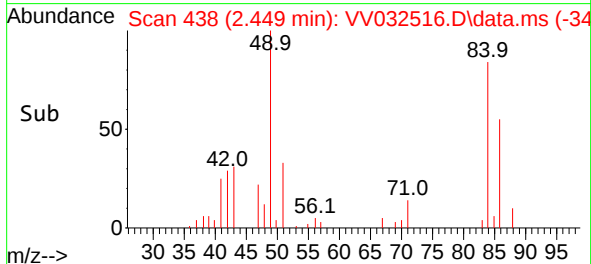
Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL2



Tgt Ion: 84 Resp: 5690
Ion Ratio Lower Upper
84 100
86 64.7 43.2 80.2
49 126.8 86.3 160.3

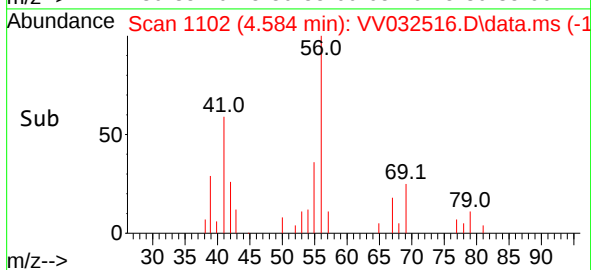
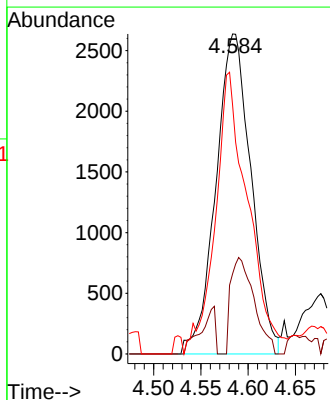
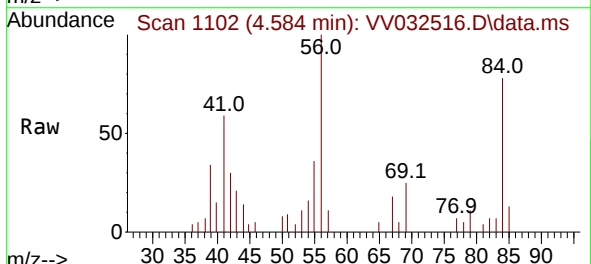
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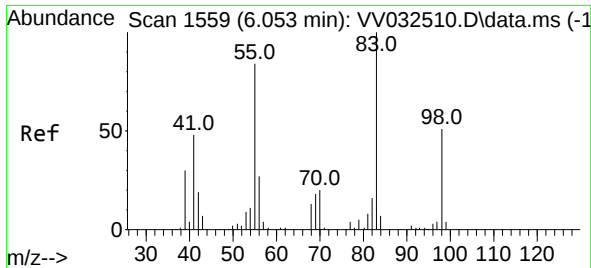
Reviewed By :John Carlone 10/23/2023
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#30
Cyclohexane
Concen: 0.440 ug/L
RT: 4.584 min Scan# 1102
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion: 56 Resp: 6843
Ion Ratio Lower Upper
56 100
69 19.9 24.2 36.2#
84 81.4 68.1 102.1





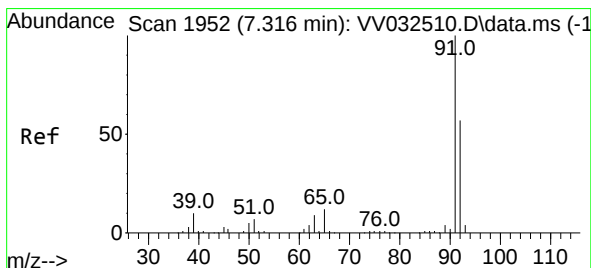
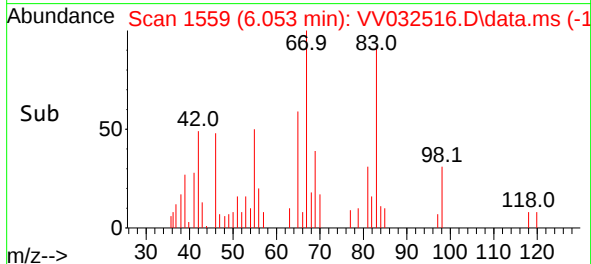
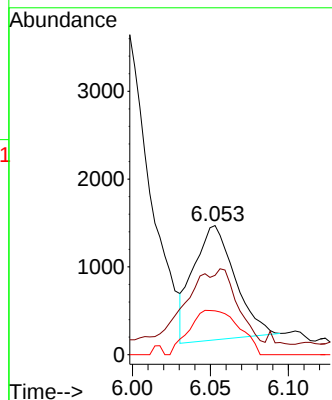
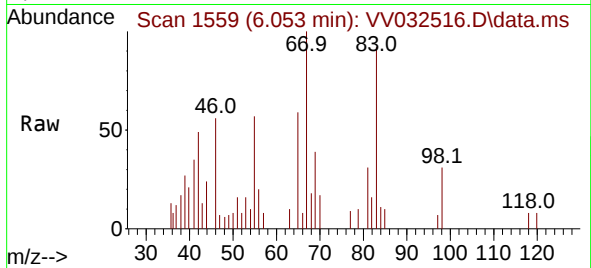
#35
Methylcyclohexane
Concen: 0.156 ug/L
RT: 6.053 min Scan# 1559
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL2

Tgt Ion: 83 Resp: 2410
Ion Ratio Lower Upper
83 100
55 112.5 64.2 96.2
98 46.4 39.6 59.4

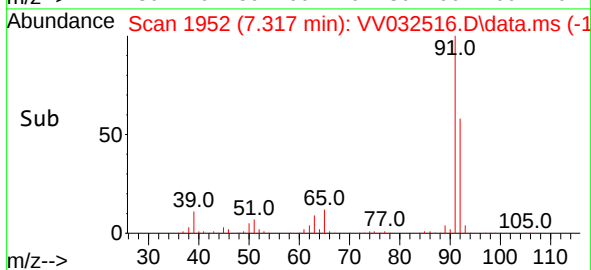
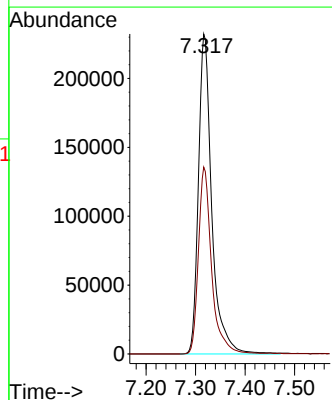
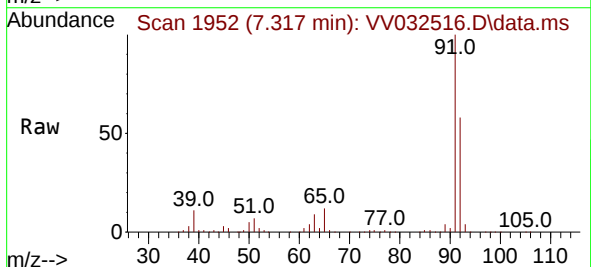
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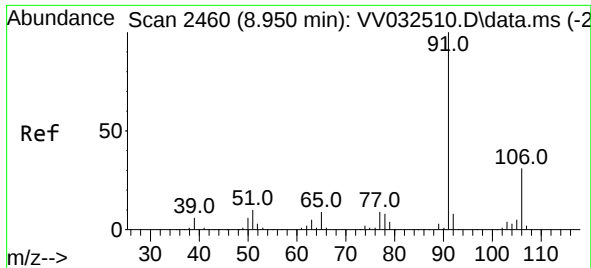
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023



#42
Toluene
Concen: 11.215 ug/L
RT: 7.317 min Scan# 1952
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

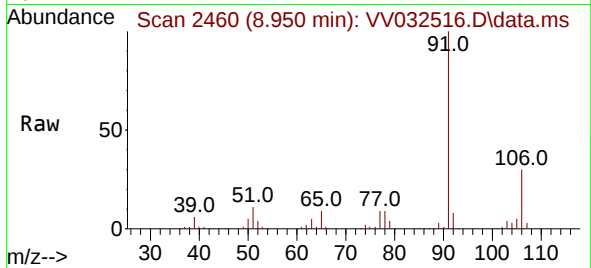
Tgt Ion: 91 Resp: 437680
Ion Ratio Lower Upper
91 100
92 58.4 40.8 75.8





#52
Ethylbenzene
Concen: 3.310 ug/L
RT: 8.950 min Scan# 2460
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

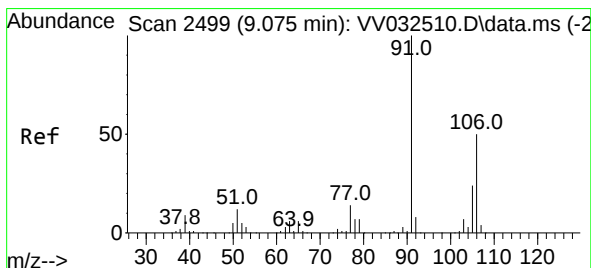
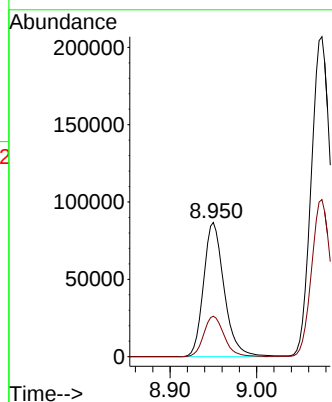
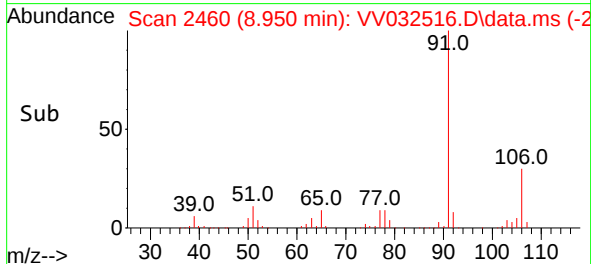
Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL2



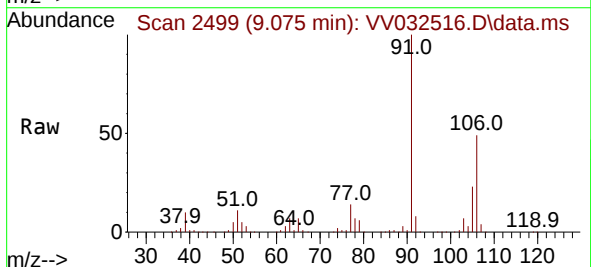
Tgt Ion: 91 Resp: 14383
Ion Ratio Lower Upper
91 100
106 30.2 21.3 39.5

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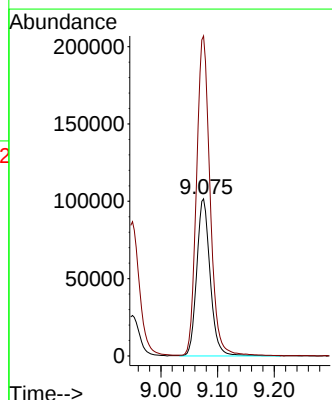
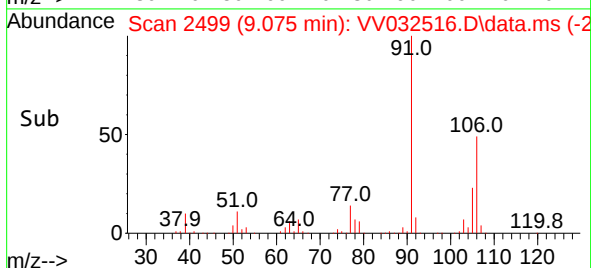
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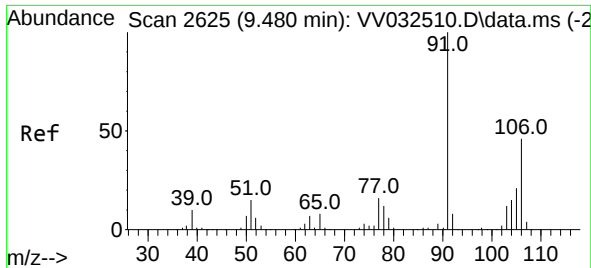


#53
m,p-Xylene
Concen: 10.379 ug/L
RT: 9.075 min Scan# 2499
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52



Tgt Ion:106 Resp: 167282
Ion Ratio Lower Upper
106 100
91 203.6 144.5 268.3





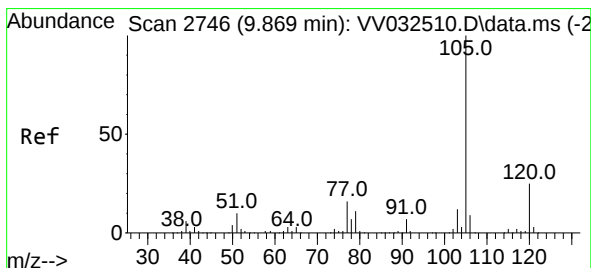
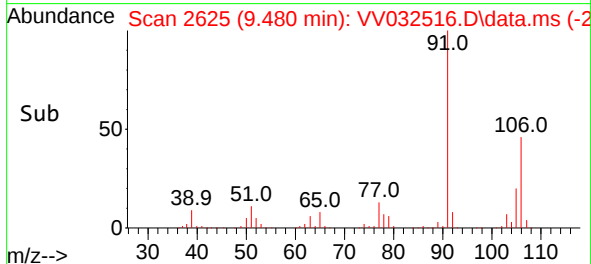
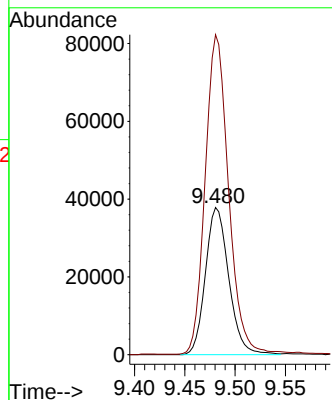
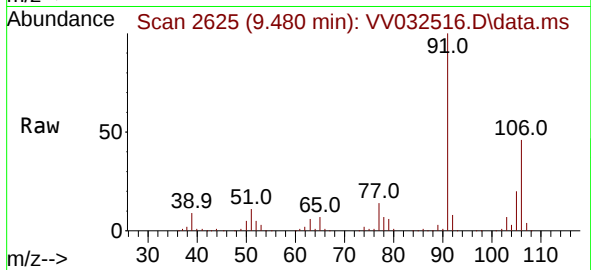
#54
o-Xylene
Concen: 3.941 ug/L
RT: 9.480 min Scan# 2625
Delta R.T. 0.000 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
MSVOA_V
ClientSampleId :
C0AF4DL2

Tgt Ion:106 Resp: 61204
Ion Ratio Lower Upper
106 100
91 217.3 154.8 287.4

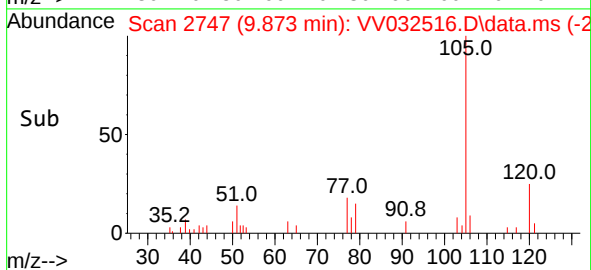
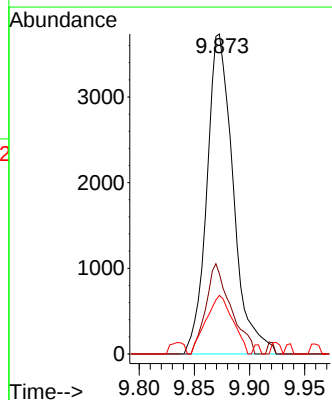
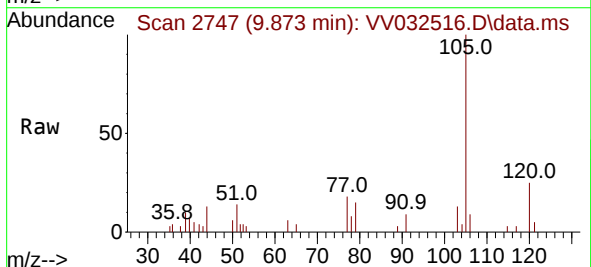
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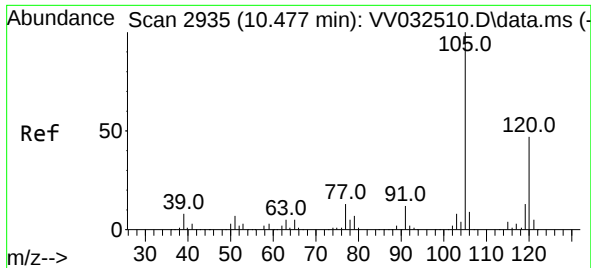
Reviewed By :John Carlone 10/23/2023
Supervised By :Mahesh Dadoda 10/25/2023



#60
Isopropylbenzene
Concen: 0.152 ug/L m
RT: 9.873 min Scan# 2747
Delta R.T. 0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:105 Resp: 6195
Ion Ratio Lower Upper
105 100
120 268.1 21.0 31.6#
77 116.2 12.6 19.0#





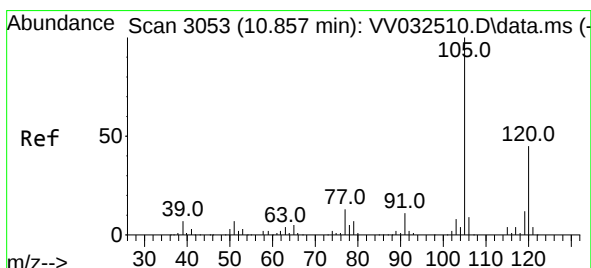
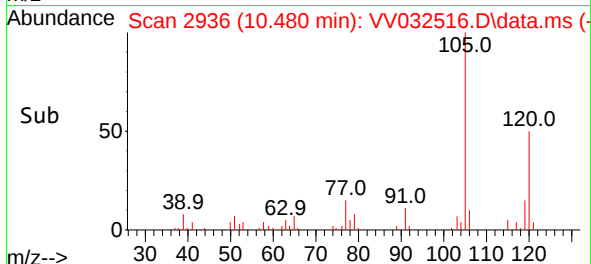
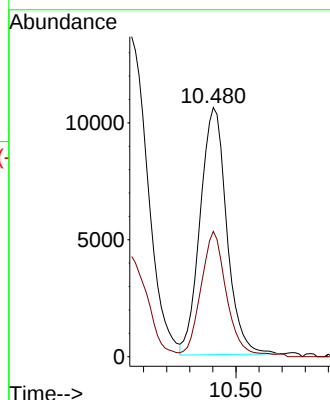
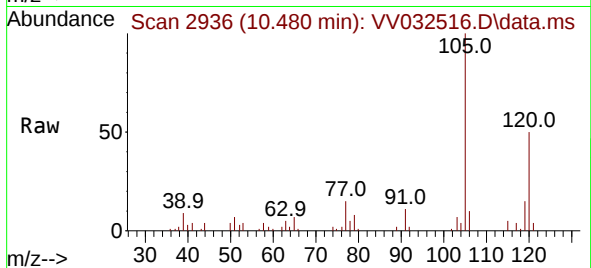
#62
1,3,5-Trimethylbenzene
Concen: 0.507 ug/L
RT: 10.480 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Instrument :
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Tgt Ion:105 Resp: 16894
Ion Ratio Lower Upper
105 100
120 49.3 39.9 59.9

Manual Integrations
APPROVED

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Supervised By :Mahesh Dadoda 10/25/2023



#63
1,2,4-Trimethylbenzene
Concen: 1.965 ug/L
RT: 10.853 min Scan# 3052
Delta R.T. -0.003 min
Lab File: VV032516.D
Acq: 20 Oct 2023 11:52

Tgt Ion:105 Resp: 65174
Ion Ratio Lower Upper
105 100
120 45.9 36.2 54.4

