

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
 Data File : VV032161.D
 Acq On : 22 Sep 2023 14:53
 Operator : SY/MD
 Sample : 04527-08ME
 Misc : 5.67g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EZYK7ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 09/25/2023
 Supervised By : Mahesh Dadoda 09/25/2023

Quant Time: Sep 23 01:25:58 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
 Quant Title : VOC Analysis
 QLast Update : Sat Sep 23 01:24:00 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.532	114	262476	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.786	117	262030	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.191	152	141869	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	66921	40.739	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	81.480%		
7) Chloroethane-d5	1.503	69	18468	12.825	ug/L	-0.03
Spiked Amount 50.000	Range 70 - 130		Recovery =	25.660%#		
11) 1,1-Dichloroethene-d2	2.037	65	26965	35.057	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	70.120%		
21) 2-Butanone-d5	3.799	46	84761	65.607	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	65.610%		
24) Chloroform-d	4.246	84	121093	33.727	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	67.460%#		
26) 1,2-Dichloroethane-d4	4.937	65	76684	32.183	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	64.360%#		
32) Benzene-d6	4.953	84	251511	35.176	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	70.360%		
36) 1,2-Dichloropropane-d6	5.986	67	87179	37.882	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	75.760%		
41) Toluene-d8	7.243	98	225380	34.210	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	68.420%#		
43) trans-1,3-Dichloroprop...	7.558	79	38736	32.475	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	64.940%		
47) 2-Hexanone-d5	8.043	63	62090	88.026	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.030%		
56) 1,1,2,2-Tetrachloroeth...	10.162	84	146286	49.190	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	98.380%		
66) 1,2-Dichlorobenzene-d4	11.567	152	101678	39.316	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	78.640%#		
Target Compounds						Qvalue
29) Cyclohexane	4.574	56	12418	4.552	ug/L	# 94
34) Trichloroethene	5.841	95	2157	1.002	ug/L	88
35) Methylcyclohexane	6.043	83	22722	7.934	ug/L	91
52) Ethylbenzene	8.950	91	49097	5.352	ug/L	100
53) m,p-Xylene	9.079	106	16583	4.868	ug/L	92
54) o-Xylene	9.487	106	4227	1.248	ug/L	99
60) Isopropylbenzene	9.873	105	118182m	12.437	ug/L	
62) 1,3,5-Trimethylbenzene	10.484	105	12862	1.609	ug/L	99
63) 1,2,4-Trimethylbenzene	10.857	105	793226	98.636	ug/L	99

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

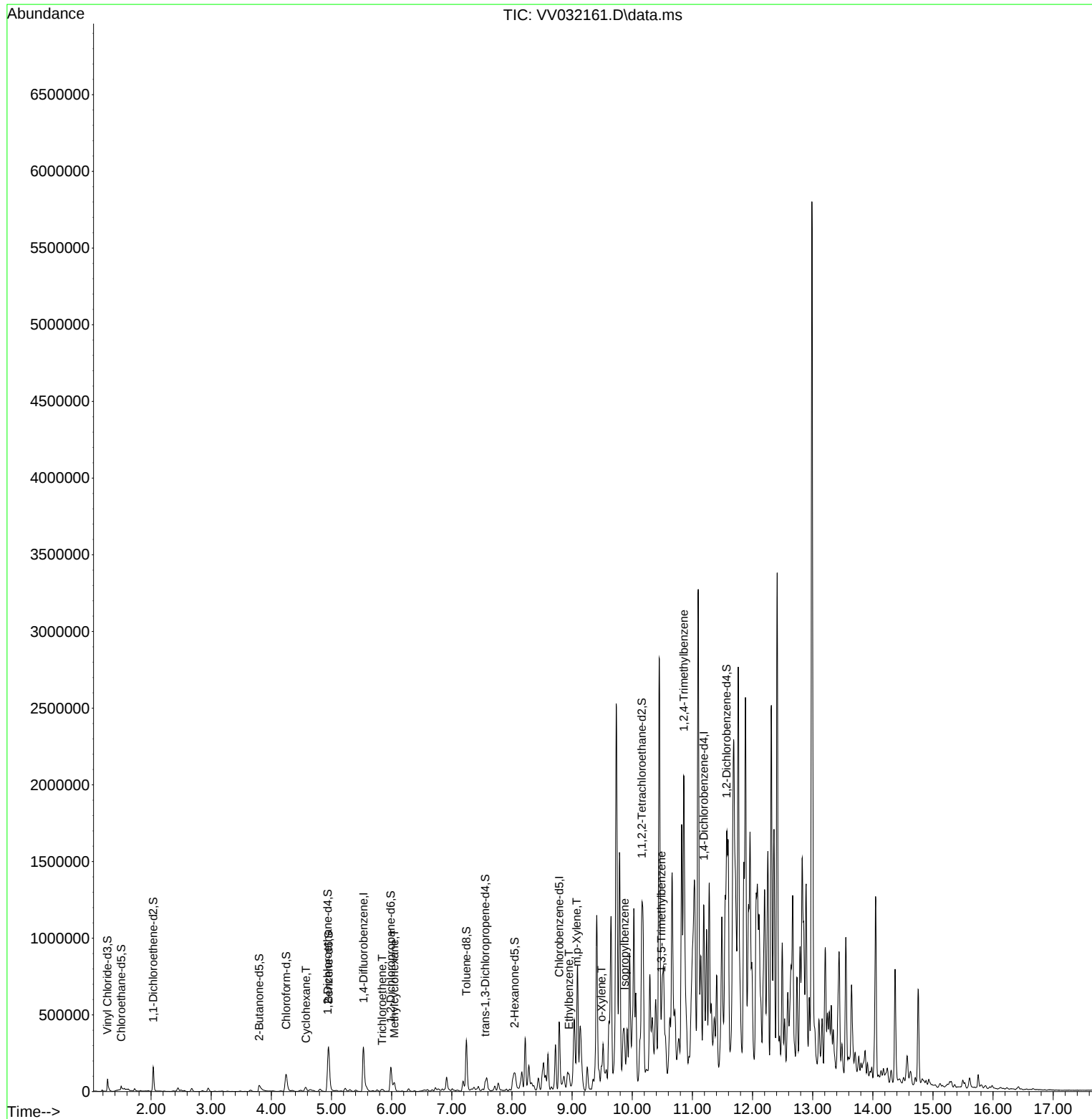
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV092223\
Data File : VV032161.D
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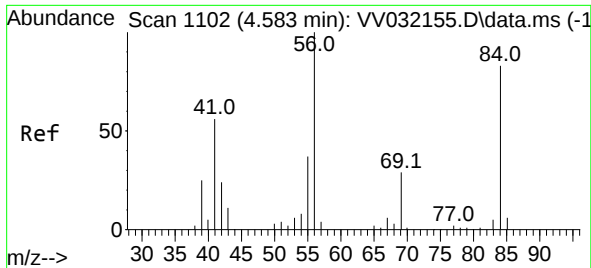
Instrument :
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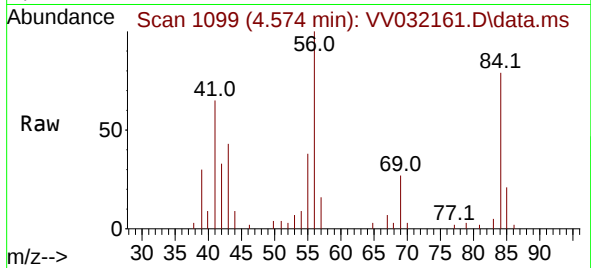
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM082323WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 23 01:24:00 2023
Response via : Initial Calibration





#29
Cyclohexane
Concen: 4.552 ug/L
RT: 4.574 min Scan# 1099
Delta R.T. -0.009 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53

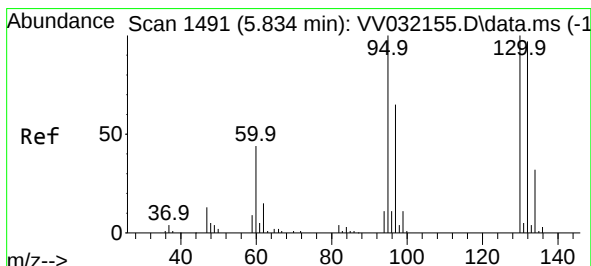
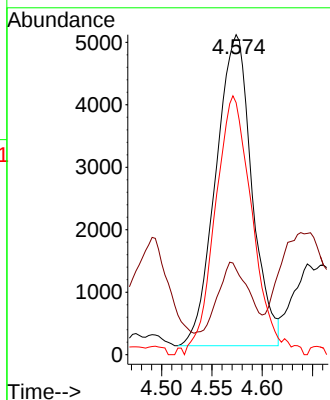
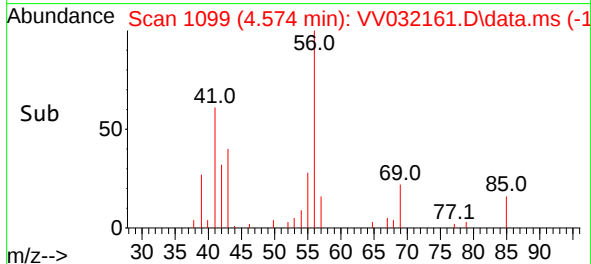
Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME



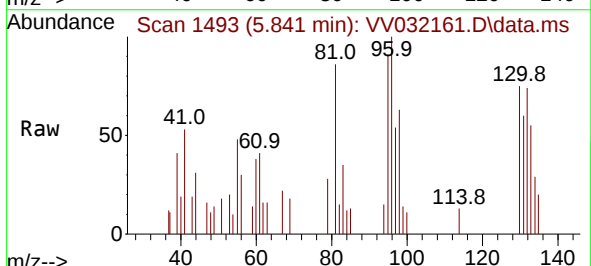
Tgt Ion: 56 Resp: 12418
Ion Ratio Lower Upper
56 100
69 18.1 24.2 36.4
84 84.3 67.5 101.3

Manual Integrations
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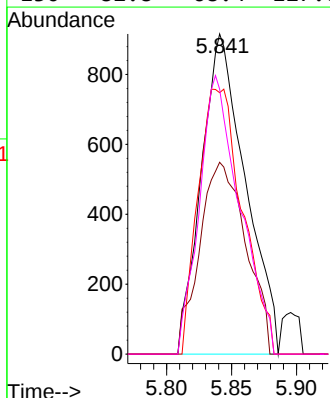
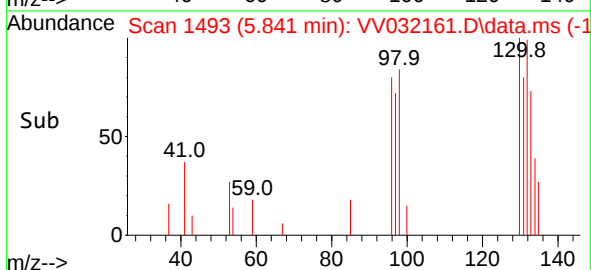
Reviewed By :John Carlone 09/25/2023
Supervised By :Mahesh Dadoda 09/25/2023

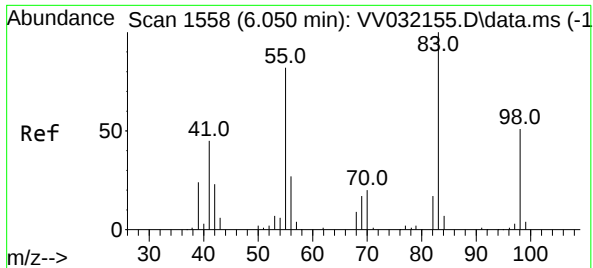


#34
Trichloroethene
Concen: 1.002 ug/L
RT: 5.841 min Scan# 1493
Delta R.T. 0.007 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53



Tgt Ion: 95 Resp: 2157
Ion Ratio Lower Upper
95 100
97 59.9 45.4 84.2
132 81.7 65.4 121.4
130 82.8 68.4 127.0





#35

Methylcyclohexane

Concen: 7.934 ug/L

RT: 6.043 min Scan# 11

Delta R.T. -0.006 min

Lab File: VV032161.D

Acq: 22 Sep 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

EZYK7ME

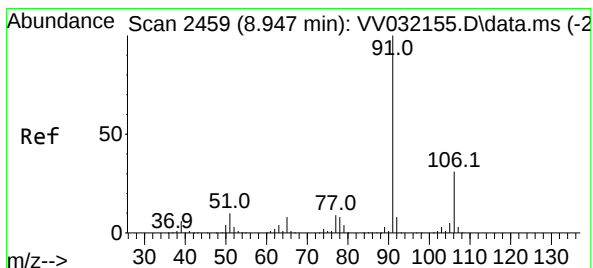
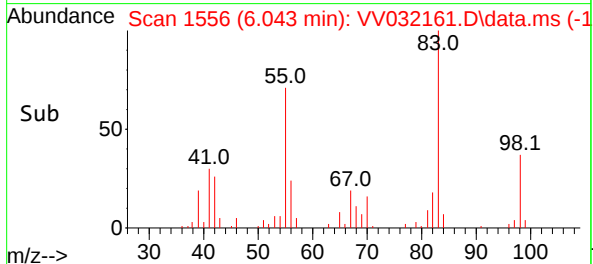
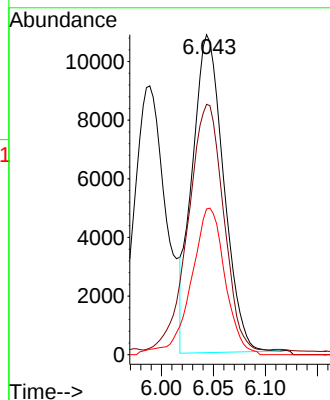
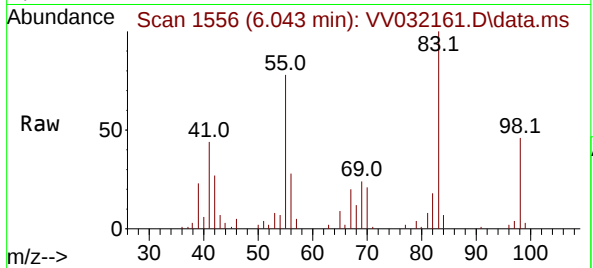
Tgt Ion: 83	Resp: 2272
Ion Ratio	Lower Upper
83 100	
55 87.1	62.2 93.2
98 49.7	36.7 55.1

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#52

Ethylbenzene

Concen: 5.352 ug/L

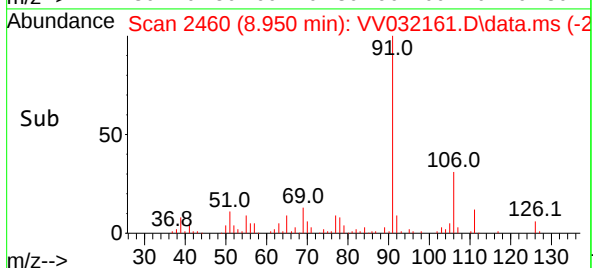
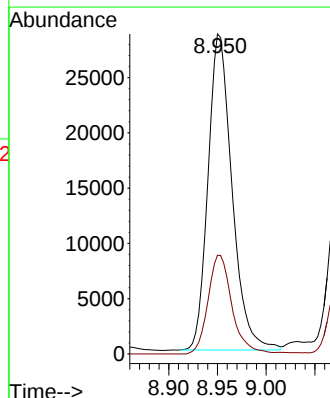
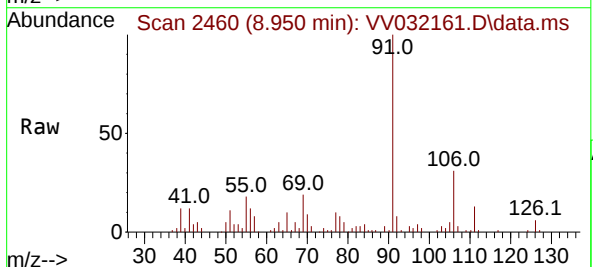
RT: 8.950 min Scan# 2460

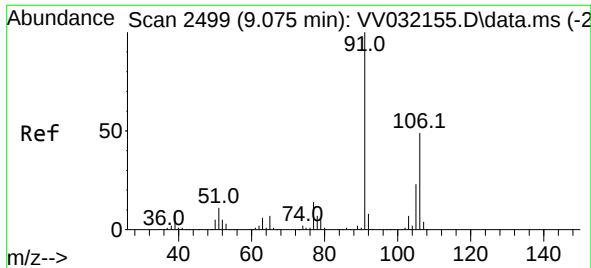
Delta R.T. 0.003 min

Lab File: VV032161.D

Acq: 22 Sep 2023 14:53

Tgt Ion: 91	Resp: 49097
Ion Ratio	Lower Upper
91 100	
106 30.9	21.5 39.9





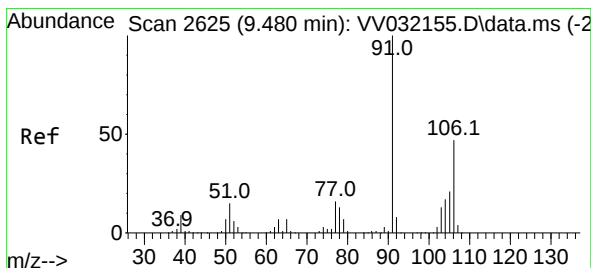
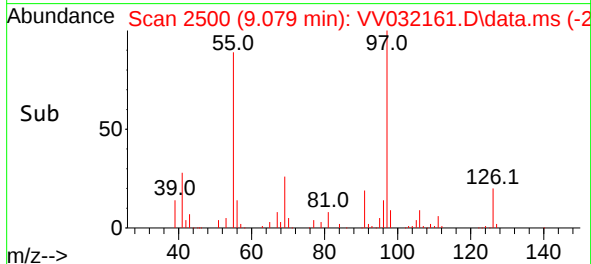
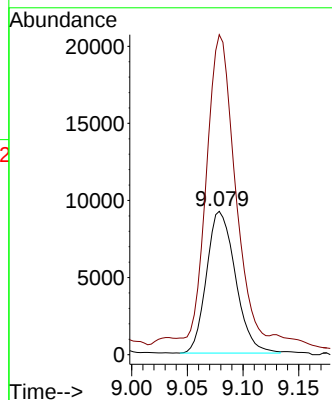
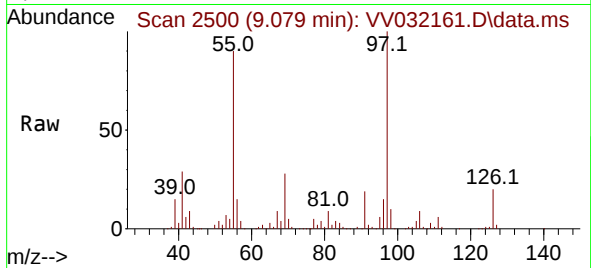
#53
m,p-Xylene
Concen: 4.868 ug/L
RT: 9.079 min Scan# 2499
Delta R.T. 0.003 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53

Instrument :
MSVOA_V
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Tgt Ion:106 Resp: 1658
Ion Ratio Lower Upper
106 100
91 223.1 147.0 273.0

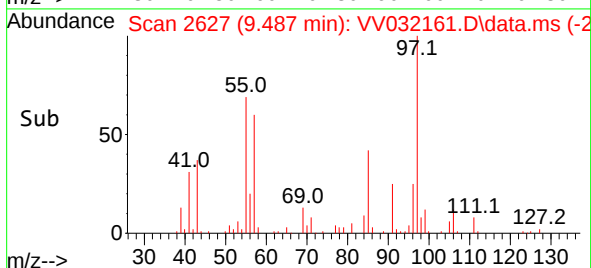
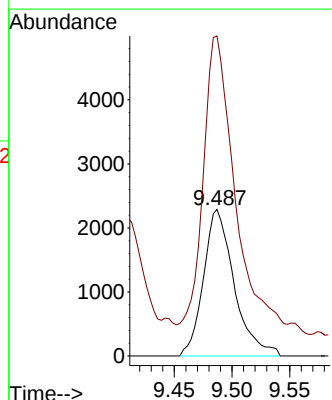
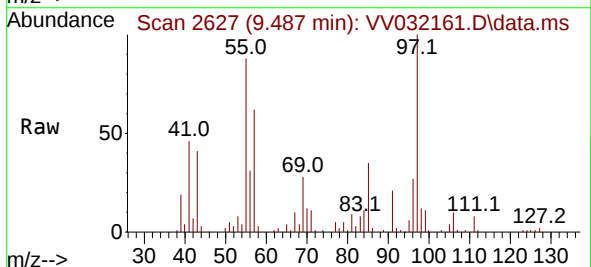
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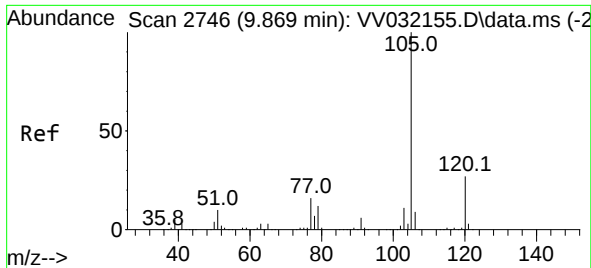
Reviewed By :John Carlone 09/25/2023
Supervised By :Mahesh Dadoda 09/25/2023



#54
o-Xylene
Concen: 1.248 ug/L
RT: 9.487 min Scan# 2627
Delta R.T. 0.007 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53

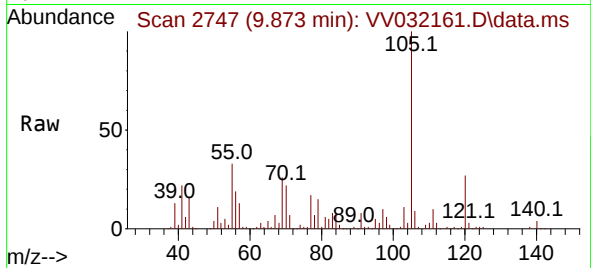
Tgt Ion:106 Resp: 4227
Ion Ratio Lower Upper
106 100
91 218.4 154.3 286.5





#60
Isopropylbenzene
Concen: 12.437 ug/L m
RT: 9.873 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53

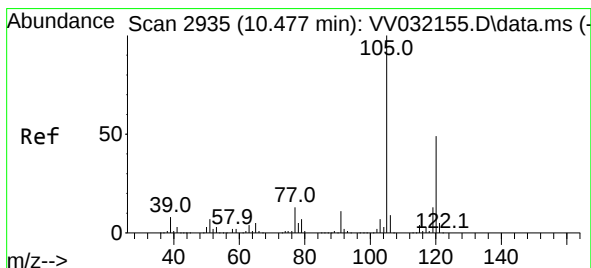
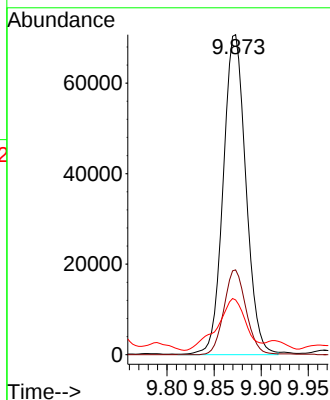
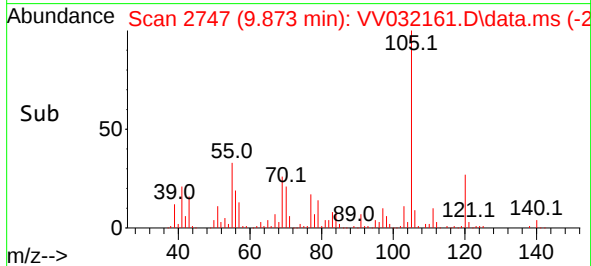
Instrument :
MSVOA_V
ClientSampleId :
EZYK7ME



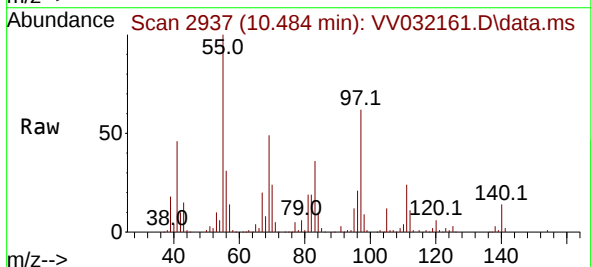
Tgt Ion:105 Resp: 11818
Ion Ratio Lower Upper
105 100
120 21.2 20.6 31.0
77 10.6 12.8 19.2

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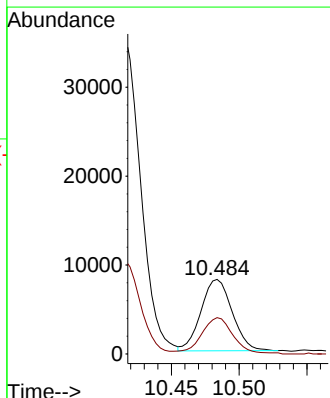
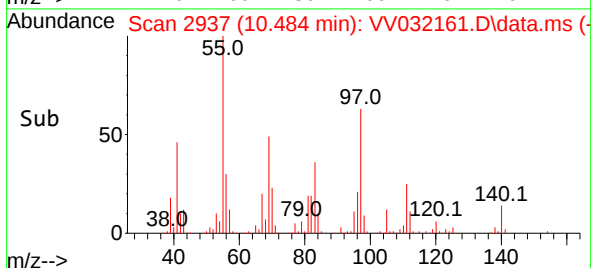
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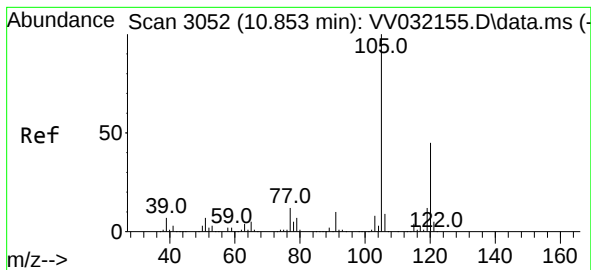


#62
1,3,5-Trimethylbenzene
Concen: 1.609 ug/L
RT: 10.484 min Scan# 2937
Delta R.T. 0.007 min
Lab File: VV032161.D
Acq: 22 Sep 2023 14:53



Tgt Ion:105 Resp: 12862
Ion Ratio Lower Upper
105 100
120 47.3 38.2 57.4





#63

1,2,4-Trimethylbenzene

Concen: 98.636 ug/L

RT: 10.857 min Scan# 3053

Delta R.T. 0.003 min

Lab File: VV032161.D

Acq: 22 Sep 2023 14:53

Instrument :

MSVOA_V

ClientSampleId :

EZYK7ME

Tgt Ion:105 Resp: 793220

Ion Ratio Lower Upper

105 100

120 45.6 35.9 53.9

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