

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036279.D
 Acq On : 25 Jun 2024 18:42
 Operator : SY/MD
 Sample : P2962-04
 Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T76

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/26/2024
 Supervised By :Semsettin Yesilyurt 06/26/2024

Quant Time: Jun 26 05:47:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Jun 26 04:03:41 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.535	114	407397	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.792	117	517334	25.000	ug/L	# 0.01
58) 1,4-Dichlorobenzene-d4	11.223	152	393384	25.000	ug/L	# 0.04
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	126011	16.824	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	67.280%		
7) Chloroethane-d5	1.529	69	109705	18.369	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	73.480%		
11) 1,1-Dichloroethene-d2	2.053	65	58983	17.689	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	70.760%		
21) 2-Butanone-d5	3.841	46	78746m	45.823	ug/L	-0.02
Spiked Amount 50.000	Range 20 - 135		Recovery =	91.640%		
24) Chloroform-d	4.249	84	252814	19.519	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	78.080%		
26) 1,2-Dichloroethane-d4	4.944	65	166983	24.589	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	98.360%		
32) Benzene-d6	4.963	84	502454	16.339	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	65.360%		
36) 1,2-Dichloropropane-d6	5.992	67	172557	17.819	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	71.280%		
41) Toluene-d8	7.246	98	608817	22.438	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	89.760%		
43) trans-1,3-Dichloroprop...	7.558	79	129281	32.559	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	130.240%		
47) 2-Hexanone-d5	8.034	63	97349	74.196	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	148.400%#		
56) 1,1,2,2-Tetrachloroeth...	10.271	84	6515999m	900.434	ug/L	0.12
Spiked Amount 25.000	Range 45 - 120		Recovery =	3601.720%#		
66) 1,2-Dichlorobenzene-d4	11.596	152	348366m	24.149	ug/L	0.04
Spiked Amount 25.000	Range 75 - 120		Recovery =	96.600%		
Target Compounds						
13) Acetone	2.162	43	15252m	5.698	ug/L	
16) Methylene chloride	2.445	84	21888	2.374	ug/L	94
29) Cyclohexane	4.587	56	37970	3.083	ug/L	# 83
35) Methylcyclohexane	6.056	83	641446	44.729	ug/L	93
52) Ethylbenzene	8.960	91	2711291	73.297	ug/L	99
53) m,p-Xylene	9.098	106	359001	25.829	ug/L	65
54) o-Xylene	9.500	106	91897	7.011	ug/L	# 8
60) Isopropylbenzene	9.911	105	11743342	232.685	ug/L	98
62) 1,3,5-Trimethylbenzene	10.464	105	19939978	544.859	ug/L	# 77
63) 1,2,4-Trimethylbenzene	10.895	105	24341551m	617.330	ug/L	

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

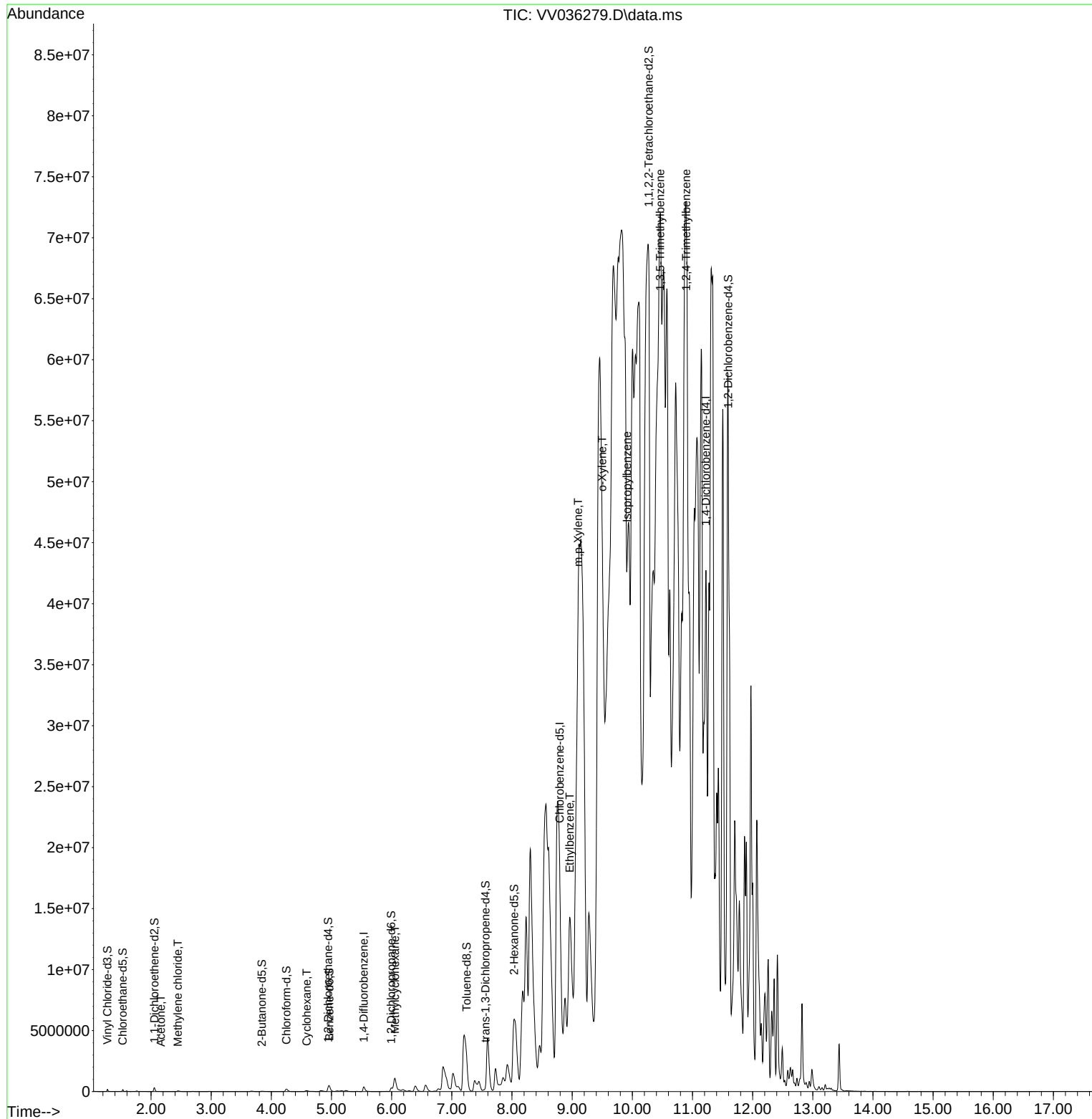
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062524\
Data File : VV036279.D
Acq On : 25 Jun 2024 18:42
Operator : SY/MD
Sample : P2962-04
Misc : 4.85g/10.0mL/MSVOA_V/SOIL/A
ALS Vial : 13 Sample Multiplier: 1

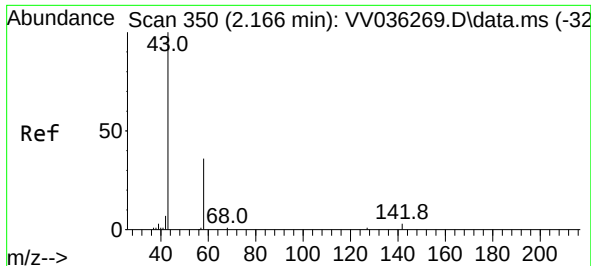
Instrument :
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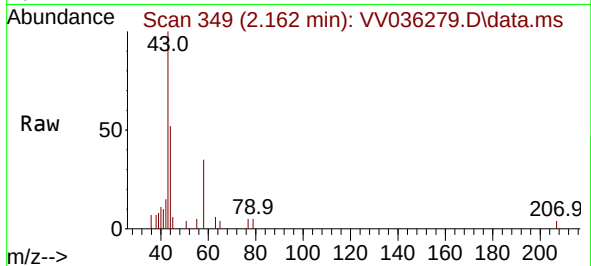
Quant Time: Jun 26 05:47:56 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
Quant Title : VOC Analysis
QLast Update : Wed Jun 26 04:03:41 2024
Response via : Initial Calibration





#13
Acetone
Concen: 5.698 ug/L m
RT: 2.162 min Scan# 349
Delta R.T. -0.003 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

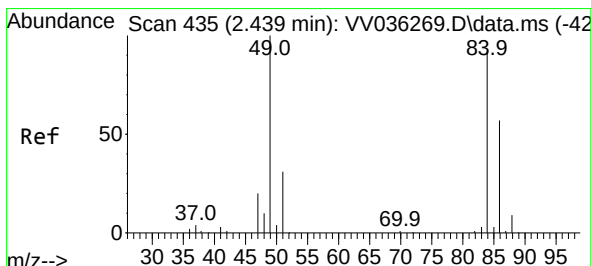
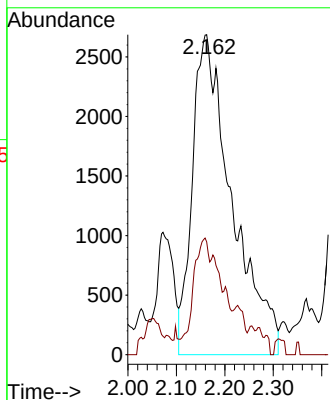
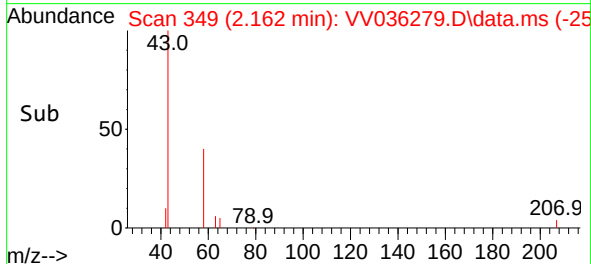
Instrument :
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ClientSampleId :
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Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 0.2 0.0 24.2

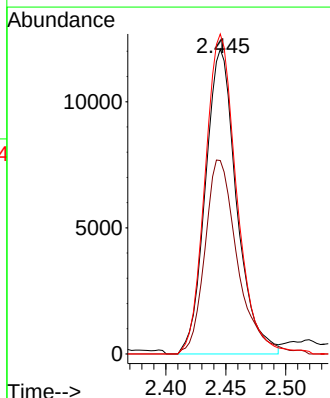
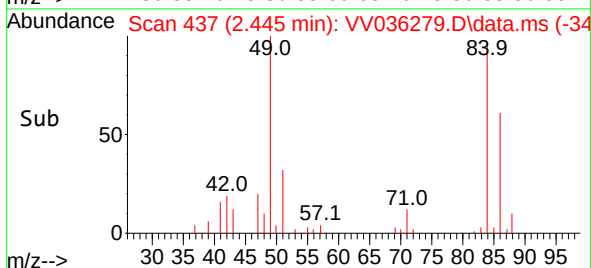
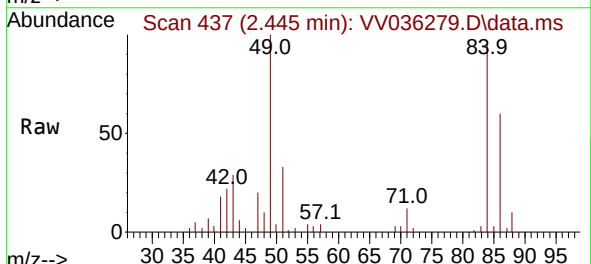
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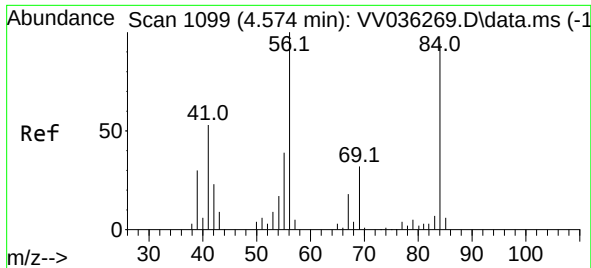
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#16
Methylene chloride
Concen: 2.374 ug/L
RT: 2.445 min Scan# 437
Delta R.T. 0.006 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

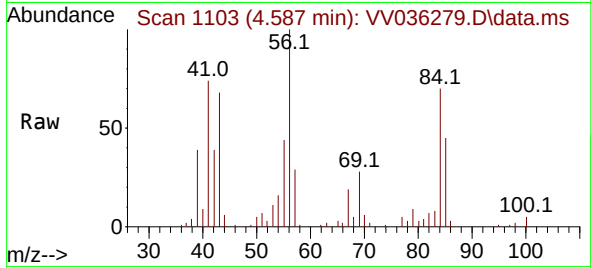
Tgt Ion: 84 Resp: 21888
Ion Ratio Lower Upper
84 100
86 63.5 44.6 82.8
49 105.0 81.1 150.5





#29
Cyclohexane
Concen: 3.083 ug/L
RT: 4.587 min Scan# 1103
Delta R.T. 0.013 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

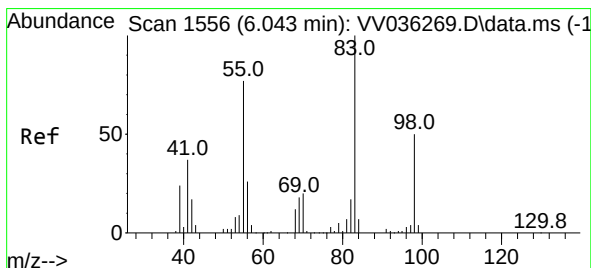
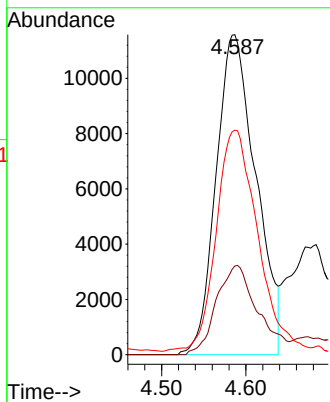
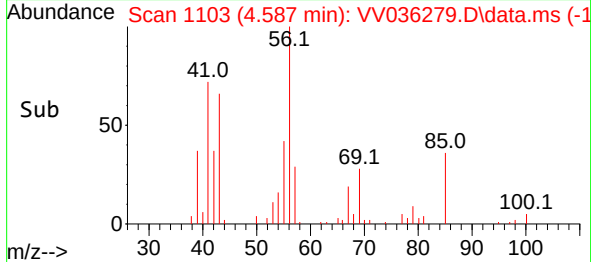
Instrument :
MSVOA_V
ClientSampleId :
C0T76



Tgt Ion: 56 Resp: 37970
Ion Ratio Lower Upper
56 100
69 29.0 25.2 37.8
84 70.5 72.2 108.2

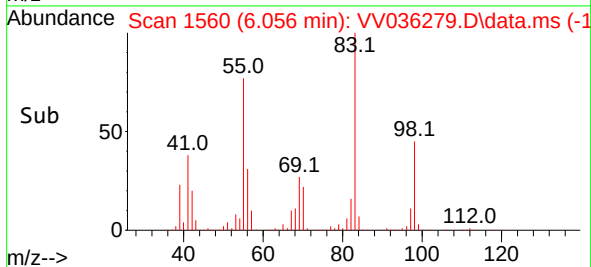
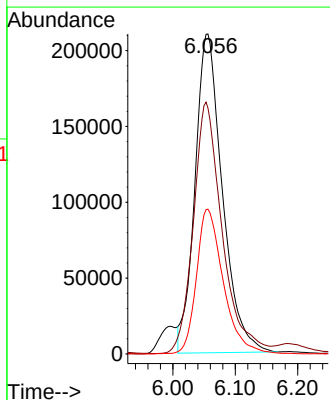
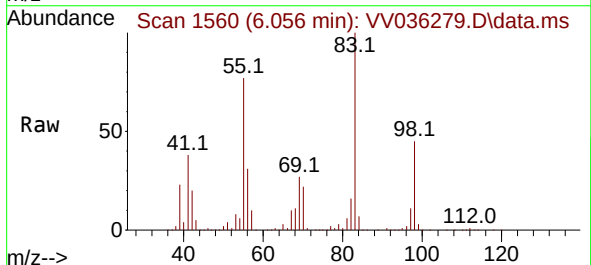
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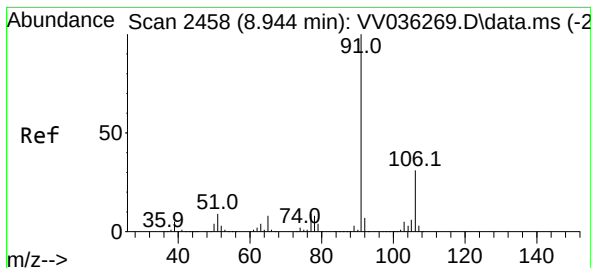
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#35
Methylcyclohexane
Concen: 44.729 ug/L
RT: 6.056 min Scan# 1560
Delta R.T. 0.013 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

Tgt Ion: 83 Resp: 641446
Ion Ratio Lower Upper
83 100
55 83.2 60.7 91.1
98 44.7 38.7 58.1





#52

Ethylbenzene

Concen: 73.297 ug/L

RT: 8.960 min Scan# 2458

Delta R.T. 0.016 min

Lab File: VV036279.D

Acq: 25 Jun 2024 18:42

Instrument :

MSVOA_V

ClientSampleId :

C0T76

Tgt Ion: 91 Resp: 271129

Ion Ratio Lower Upper

91 100

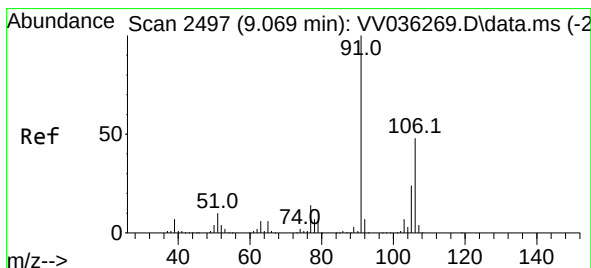
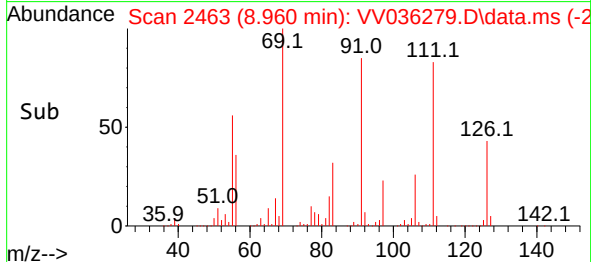
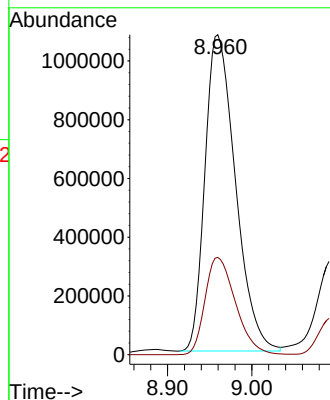
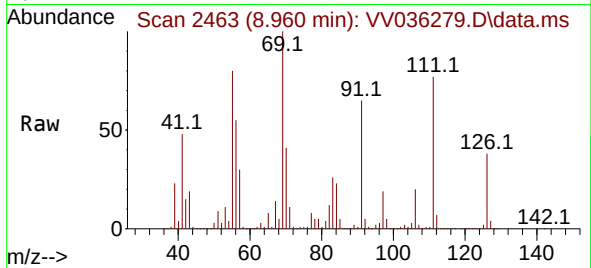
106 30.4 21.6 40.0

Manual Integrations

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#53

m,p-Xylene

Concen: 25.829 ug/L

RT: 9.098 min Scan# 2506

Delta R.T. 0.029 min

Lab File: VV036279.D

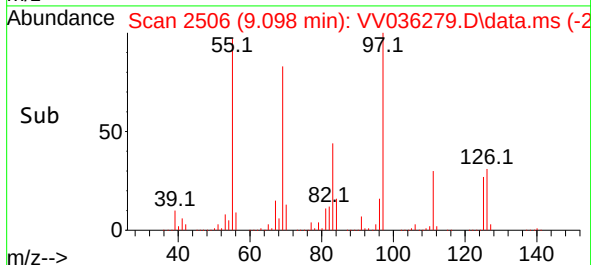
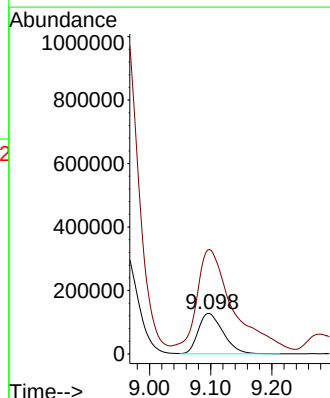
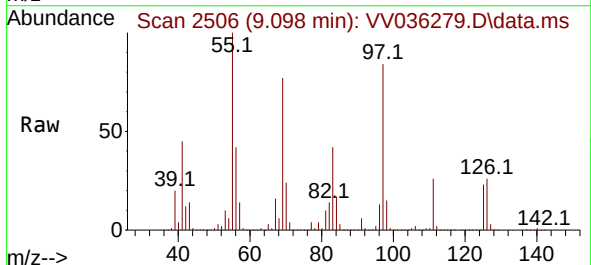
Acq: 25 Jun 2024 18:42

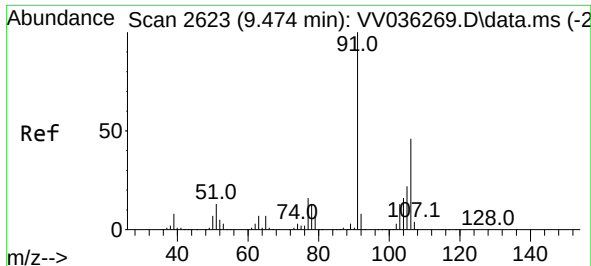
Tgt Ion:106 Resp: 359001

Ion Ratio Lower Upper

106 100

91 257.9 143.1 265.9





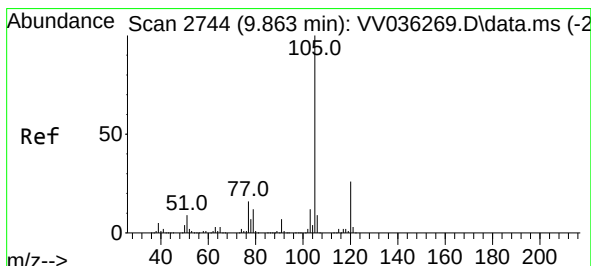
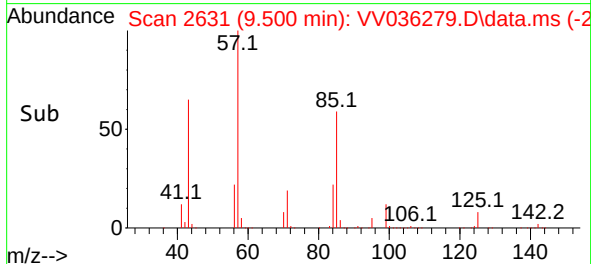
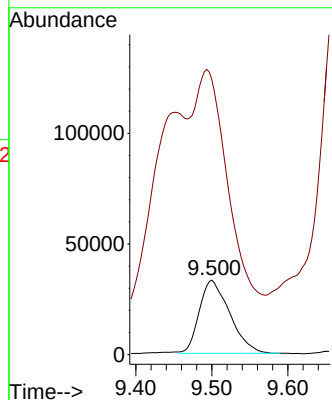
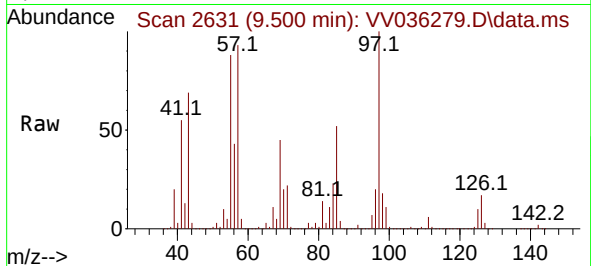
#54
o-Xylene
Concen: 7.011 ug/L
RT: 9.500 min Scan# 2106
Delta R.T. 0.026 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

Instrument :
MSVOA_V
ClientSampleId :
C0T76

Tgt Ion:106 Resp: 9189
Ion Ratio Lower Upper
106 100
91 369.3 154.5 286.9

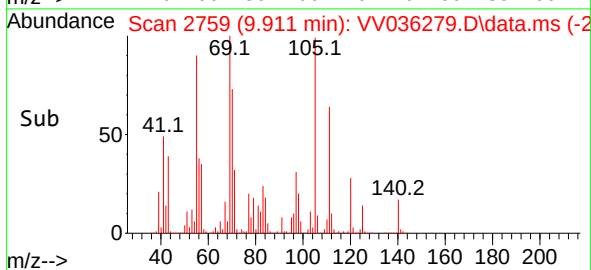
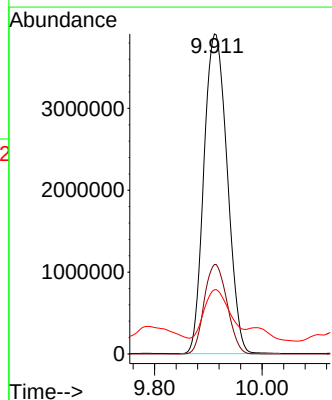
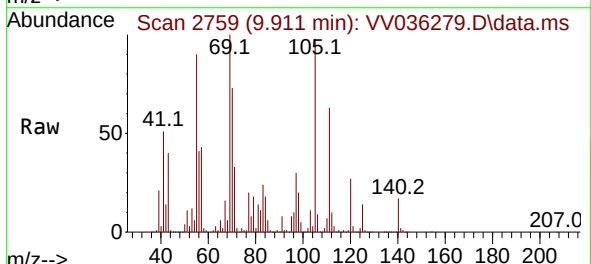
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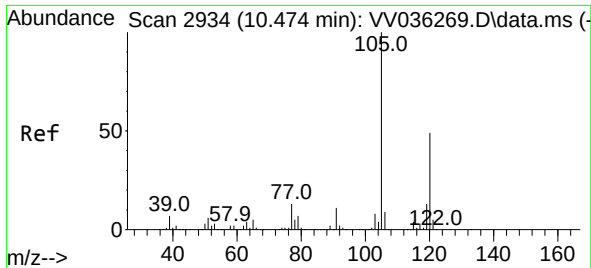
Reviewed By :Mahesh Dadoda 06/26/2024
Supervised By :Semsettin Yesilyurt 06/26/2024



#60
Isopropylbenzene
Concen: 232.685 ug/L
RT: 9.911 min Scan# 2759
Delta R.T. 0.048 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

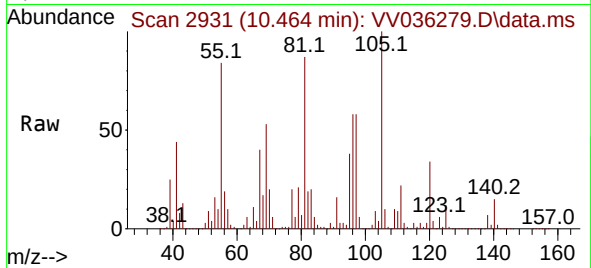
Tgt Ion:105 Resp:11743342
Ion Ratio Lower Upper
105 100
120 27.5 21.0 31.6
77 15.0 12.6 18.8





#62
1,3,5-Trimethylbenzene
Concen: 544.859 ug/L
RT: 10.464 min Scan# 2931
Delta R.T. -0.010 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42

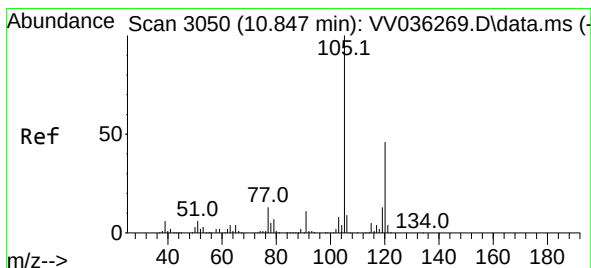
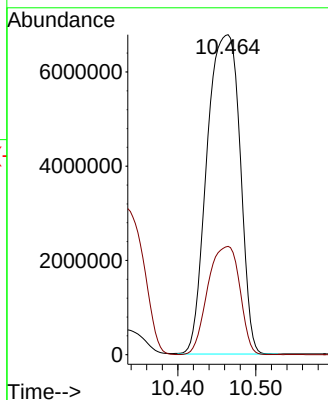
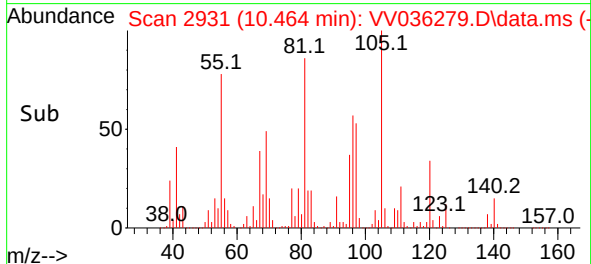
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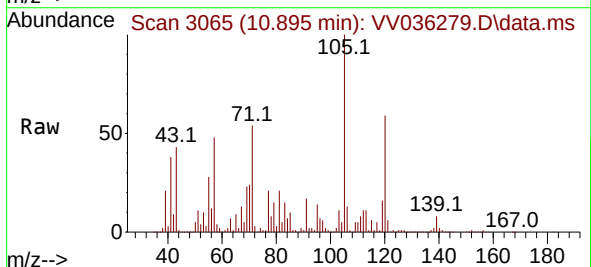
Tgt Ion:105 Resp:19939978
Ion Ratio Lower Upper
105 100
120 32.8 38.6 58.0

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#63
1,2,4-Trimethylbenzene
Concen: 617.330 ug/L m
RT: 10.895 min Scan# 3065
Delta R.T. 0.048 min
Lab File: VV036279.D
Acq: 25 Jun 2024 18:42



Tgt Ion:105 Resp:24341551
Ion Ratio Lower Upper
105 100
120 2.9 36.2 54.4#

