

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
 Data File : VV036186.D
 Acq On : 21 Jun 2024 01:11
 Operator : SY/MD
 Sample : P2962-17
 Misc : 5.43g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T91

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/22/2024
 Supervised By :Semsettin Yesilyurt 06/22/2024

Quant Time: Jun 21 05:15:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM053024SMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jun 20 05:02:48 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.529	114	484365	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	441668	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	179564	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.272	65	152299	17.103	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	68.400%		
7) Chloroethane-d5	1.526	69	128648	18.118	ug/L	0.00
Spiked Amount 25.000	Range 30 - 150		Recovery =	72.480%		
11) 1,1-Dichloroethene-d2	2.050	65	63979	16.139	ug/L	0.00
Spiked Amount 25.000	Range 45 - 110		Recovery =	64.560%		
21) 2-Butanone-d5	3.838	46	61067m	29.889	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	59.780%		
24) Chloroform-d	4.243	84	279394	18.144	ug/L	0.00
Spiked Amount 25.000	Range 40 - 150		Recovery =	72.560%		
26) 1,2-Dichloroethane-d4	4.937	65	160406	19.867	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery =	79.480%		
32) Benzene-d6	4.953	84	570429	21.728	ug/L	0.00
Spiked Amount 25.000	Range 20 - 135		Recovery =	86.920%		
36) 1,2-Dichloropropane-d6	5.986	67	191043	23.107	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery =	92.440%		
41) Toluene-d8	7.239	98	577108	24.913	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery =	99.640%		
43) trans-1,3-Dichloroprop...	7.551	79	92147	27.183	ug/L	0.00
Spiked Amount 25.000	Range 30 - 135		Recovery =	108.720%		
47) 2-Hexanone-d5	8.027	63	61976	55.329	ug/L	0.00
Spiked Amount 50.000	Range 20 - 135		Recovery =	110.660%		
56) 1,1,2,2-Tetrachloroeth...	10.156	84	311288	50.386	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery =	201.560%#		
66) 1,2-Dichlorobenzene-d4	11.561	152	228543m	34.708	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery =	138.840%#		
Target Compounds						
13) Acetone	2.150	43	57316m	18.009	ug/L	
16) Methylene chloride	2.442	84	84599	7.719	ug/L	97
35) Methylcyclohexane	6.043	83	651838	53.241	ug/L #	89
46) Tetrachloroethene	7.905	164	9982	1.542	ug/L	95
60) Isopropylbenzene	9.866	105	317608	13.787	ug/L	98
62) 1,3,5-Trimethylbenzene	10.474	105	329883	19.748	ug/L	100
63) 1,2,4-Trimethylbenzene	10.850	105	721055	40.062	ug/L	100

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

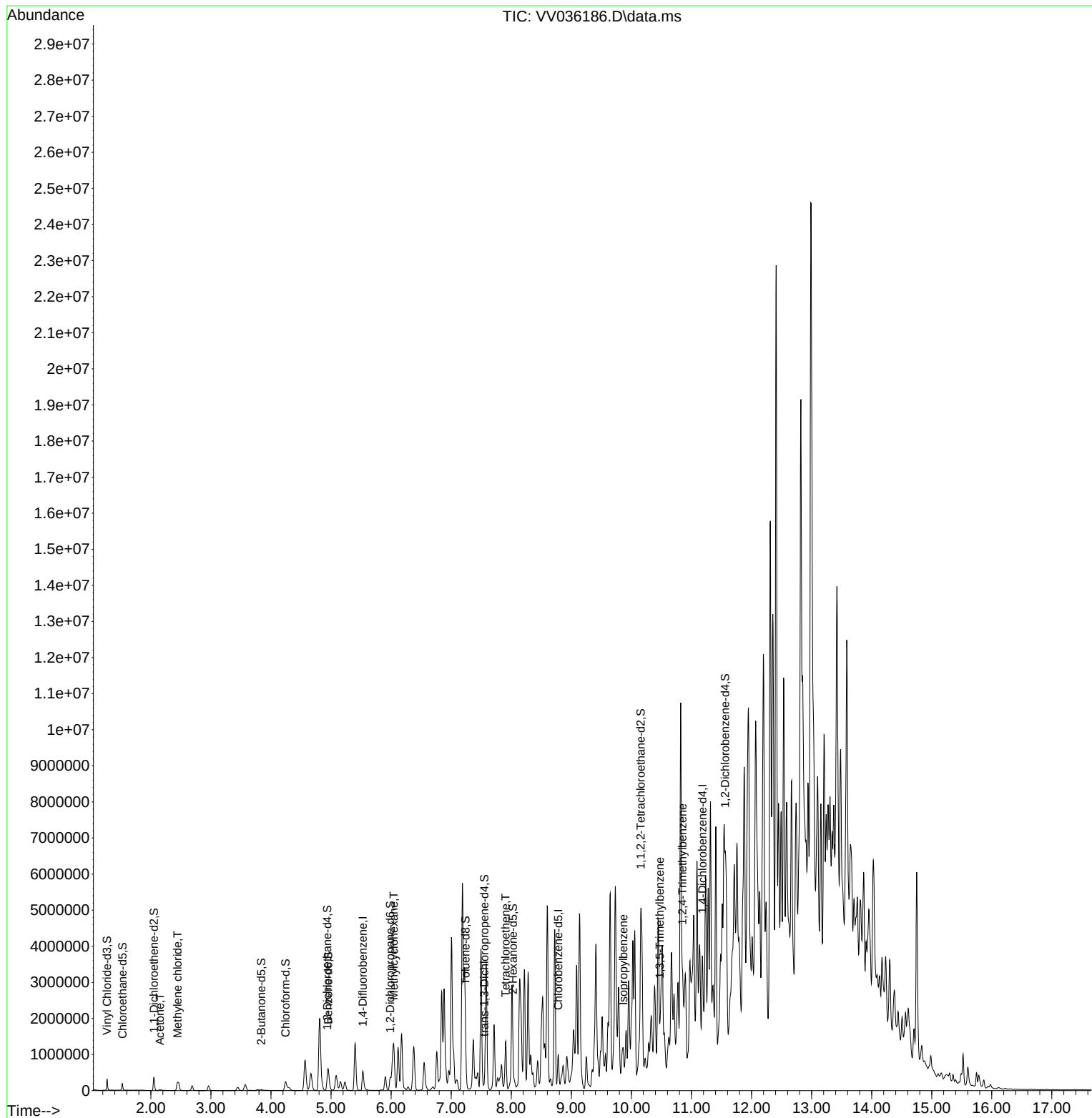
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV062024\
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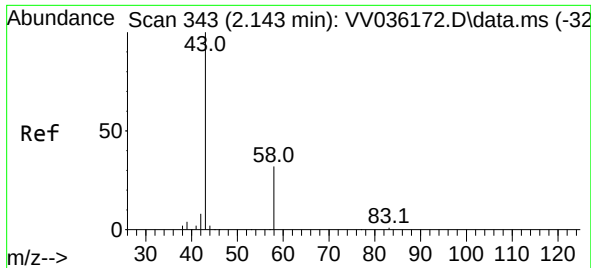
Instrument :
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Quant Title : VOC Analysis
QLast Update : Thu Jun 20 05:02:48 2024
Response via : Initial Calibration





#13

Acetone

Concen: 18.009 ug/L m

RT: 2.150 min Scan# 34

Delta R.T. 0.003 min

Lab File: VV036186.D

Acq: 21 Jun 2024 01:11

Instrument :

MSVOA_V

ClientSampleId :

C0T91

Tgt Ion: 43 Resp: 57310

Ion Ratio Lower Upper

43 100

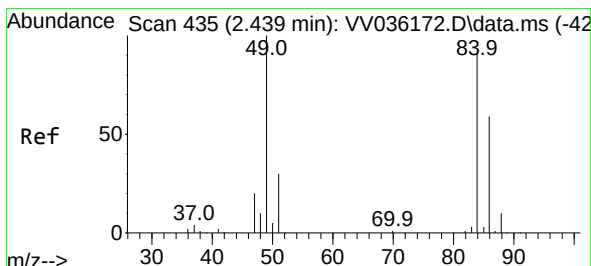
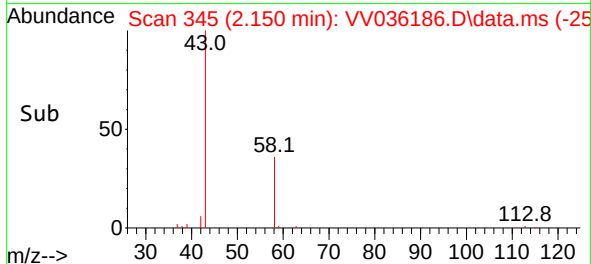
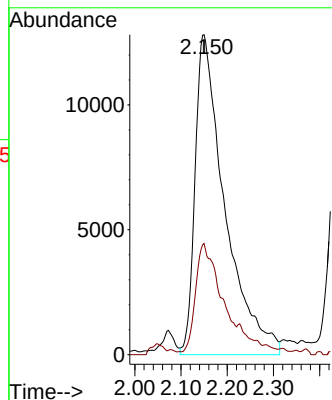
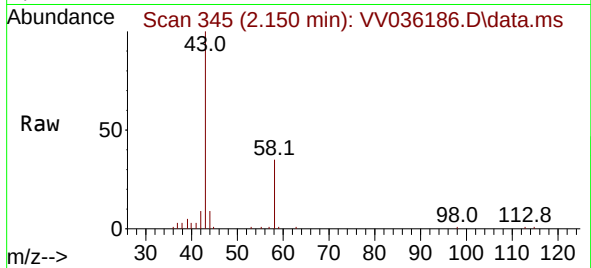
58 0.1 0.0 24.2

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#16

Methylene chloride

Concen: 7.719 ug/L

RT: 2.442 min Scan# 436

Delta R.T. 0.003 min

Lab File: VV036186.D

Acq: 21 Jun 2024 01:11

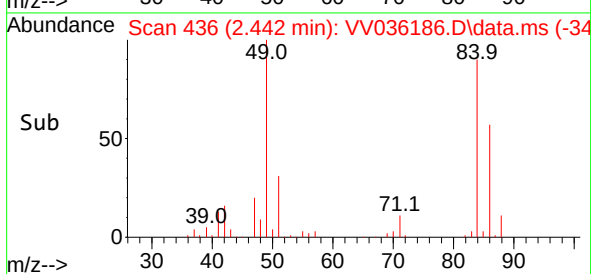
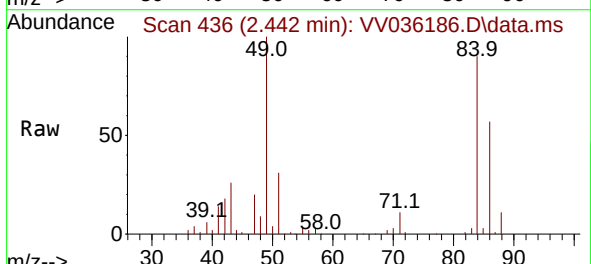
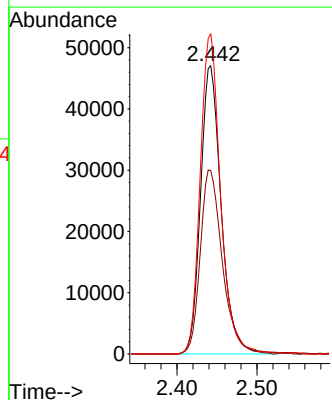
Tgt Ion: 84 Resp: 84599

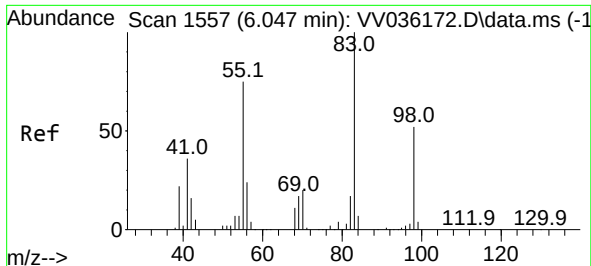
Ion Ratio Lower Upper

84 100

86 63.6 44.6 82.8

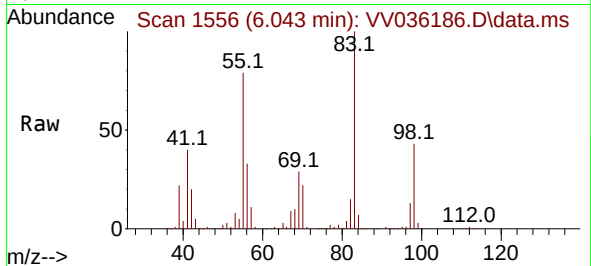
49 111.1 81.1 150.5





#35
Methylcyclohexane
Concen: 53.241 ug/L
RT: 6.043 min Scan# 1556
Delta R.T. 0.000 min
Lab File: VV036186.D
Acq: 21 Jun 2024 01:11

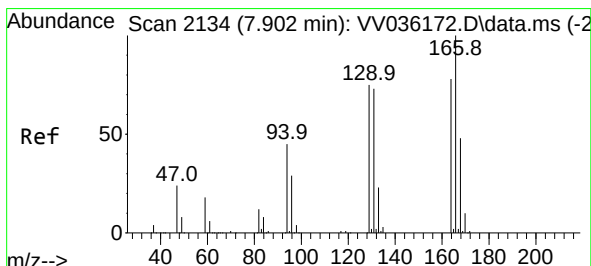
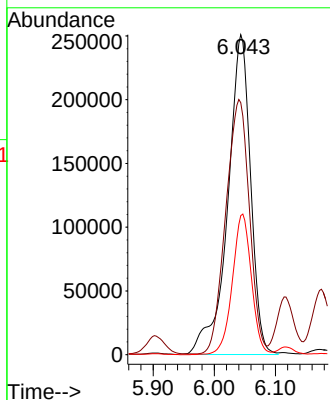
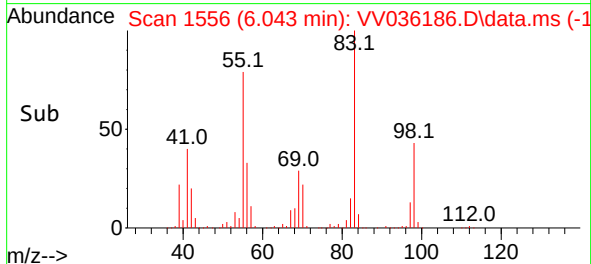
Instrument :
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ClientSampleId :
C0T91



Tgt Ion: 83 Resp: 65183
Ion Ratio Lower Upper
83 100
55 82.0 60.7 91.1
98 36.7 38.7 58.1

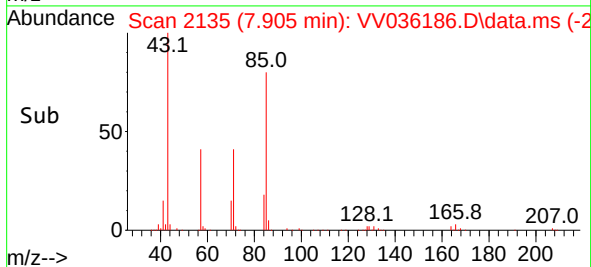
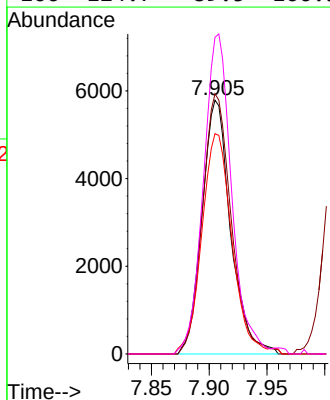
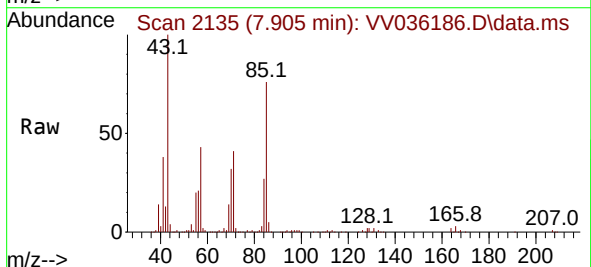
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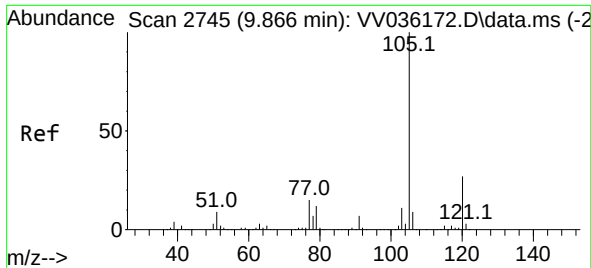
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#46
Tetrachloroethene
Concen: 1.542 ug/L
RT: 7.905 min Scan# 2135
Delta R.T. 0.003 min
Lab File: VV036186.D
Acq: 21 Jun 2024 01:11

Tgt Ion:164 Resp: 9982
Ion Ratio Lower Upper
164 100
129 102.5 64.6 120.0
131 86.8 63.2 117.4
166 124.7 89.5 166.3





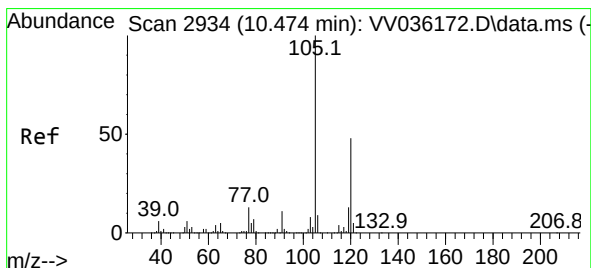
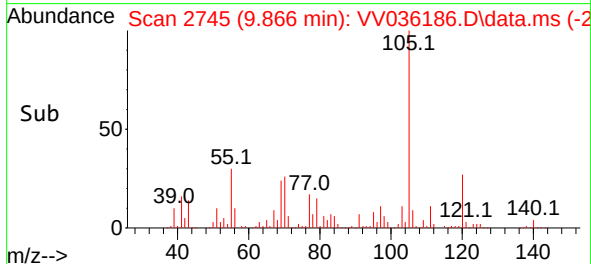
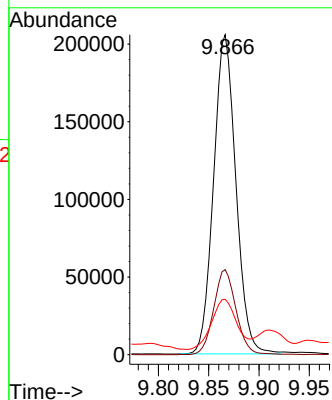
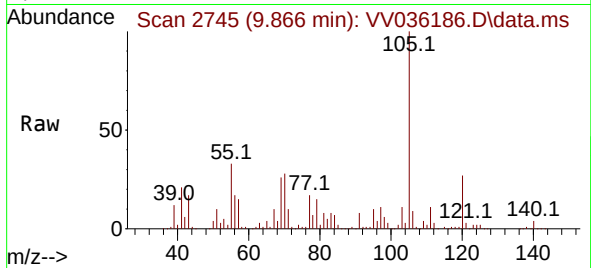
#60
Isopropylbenzene
Concen: 13.787 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
Lab File: VV036186.D
Acq: 21 Jun 2024 01:11

Instrument :
MSVOA_V
ClientSampleId :
C0T91

Tgt Ion:105 Resp: 317608
Ion Ratio Lower Upper
105 100
120 26.5 21.0 31.6
77 17.7 12.6 18.8

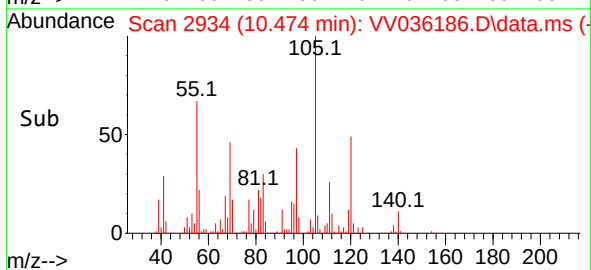
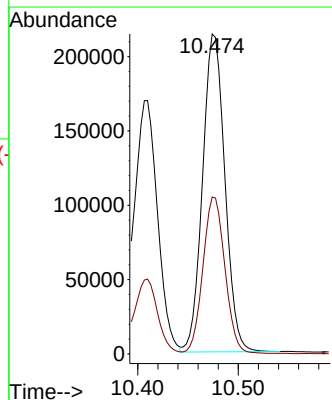
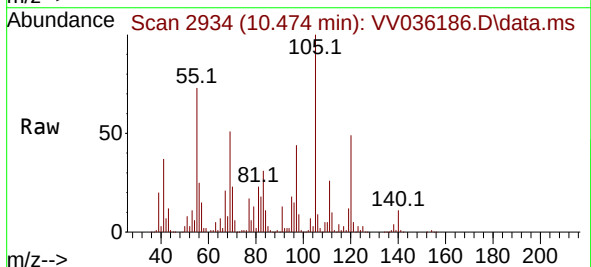
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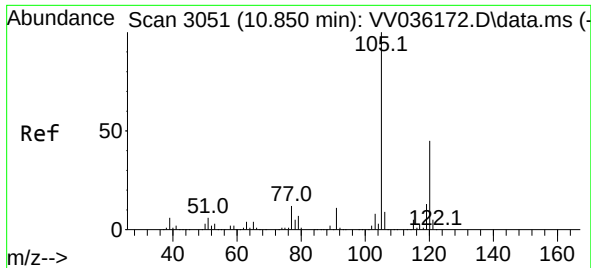
Reviewed By :Mahesh Dadoda 06/22/2024
Supervised By :Semsettin Yesilyurt 06/22/2024



#62
1,3,5-Trimethylbenzene
Concen: 19.748 ug/L
RT: 10.474 min Scan# 2934
Delta R.T. 0.000 min
Lab File: VV036186.D
Acq: 21 Jun 2024 01:11

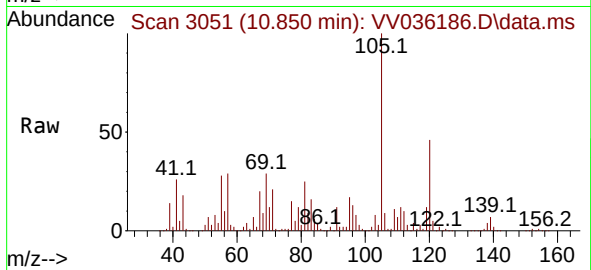
Tgt Ion:105 Resp: 329883
Ion Ratio Lower Upper
105 100
120 48.5 38.6 58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 40.062 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.000 min
 Lab File: VV036186.D
 Acq: 21 Jun 2024 01:11

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T91



Tgt Ion:105 Resp: 72105
 Ion Ratio Lower Upper
 105 100
 120 45.2 36.2 54.4

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