

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VW062524\
 Data File : VW036280.D
 Acq On : 25 Jun 2024 19:05
 Operator : SY/MD
 Sample : P2962-15
 Misc : 5.21g/10.0mL/MSVOA_V/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T89

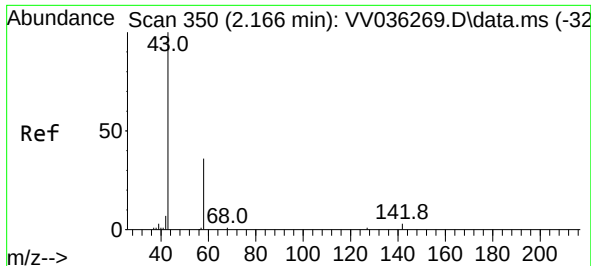
Manual Integrations
 APPROVED

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

Quant Time: Jun 26 05:59:22 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	5.532	114	753399	25.000	ug/L	0.00
28) Chlorobenzene-d5	8.783	117	764945	25.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.185	152	387534	25.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.275	65	214588	15.492	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	61.960%
7) Chloroethane-d5	1.529	69	177720	16.091	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	64.360%
11) 1,1-Dichloroethene-d2	2.053	65	92000	14.920	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	59.680%
21) 2-Butanone-d5	3.841	46	103515	32.573	ug/L	-0.02
Spiked Amount	50.000	Range	20 - 135	Recovery	=	65.140%
24) Chloroform-d	4.246	84	419883	17.530	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	70.120%
26) 1,2-Dichloroethane-d4	4.937	65	247251	19.688	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	78.760%
32) Benzene-d6	4.957	84	844431	18.571	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	74.280%
36) 1,2-Dichloropropane-d6	5.986	67	286117	19.982	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	79.920%
41) Toluene-d8	7.240	98	935366	23.314	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.240%
43) trans-1,3-Dichloroprop...	7.551	79	154916	26.386	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	105.560%
47) 2-Hexanone-d5	8.027	63	117207	60.415	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	120.840%
56) 1,1,2,2-Tetrachloroeth...	10.156	84	524765	49.043	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	196.160%#
66) 1,2-Dichlorobenzene-d4	11.561	152	340442	23.956	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	95.840%
Target Compounds						
13) Acetone	2.159	43	50102m	10.121	ug/L	
35) Methylcyclohexane	6.043	83	885237	41.748	ug/L	# 91
60) Isopropylbenzene	9.866	105	482851	9.712	ug/L	98
62) 1,3,5-Trimethylbenzene	10.477	105	443729	12.308	ug/L	98
63) 1,2,4-Trimethylbenzene	10.850	105	1120036	28.834	ug/L	100

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



#13

Acetone

Concen: 10.121 ug/L m

RT: 2.159 min Scan# 34

Delta R.T. -0.006 min

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Tgt Ion: 43 Resp: 5010

Ion Ratio Lower Upper

43 100

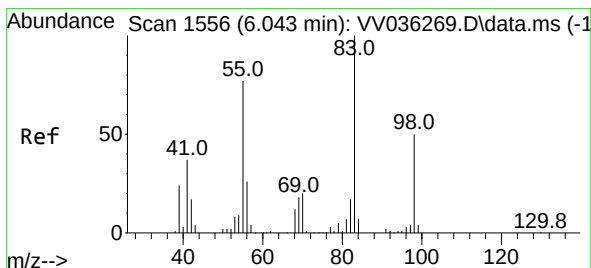
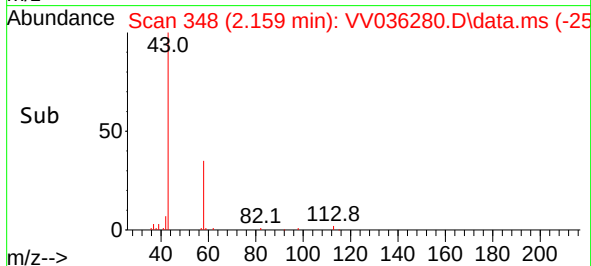
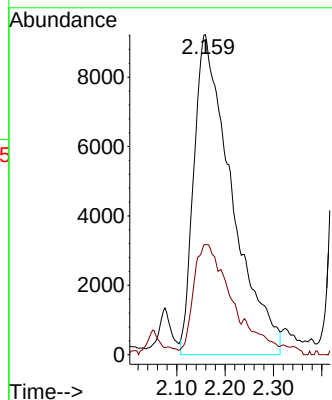
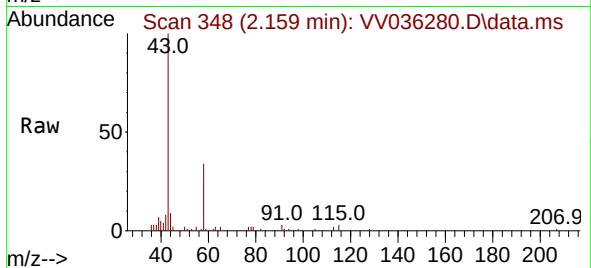
58 11.8 0.0 24.2

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#35

Methylcyclohexane

Concen: 41.748 ug/L

RT: 6.043 min Scan# 1556

Delta R.T. 0.000 min

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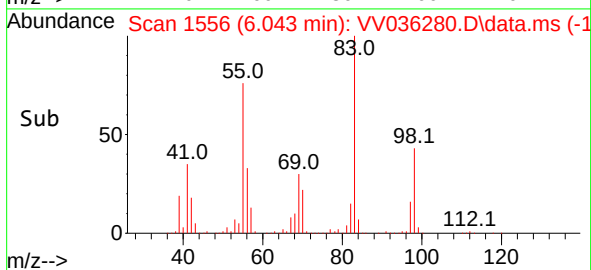
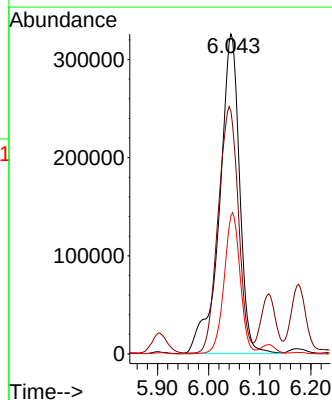
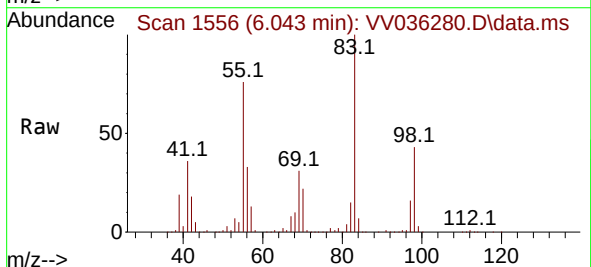
Tgt Ion: 83 Resp: 885237

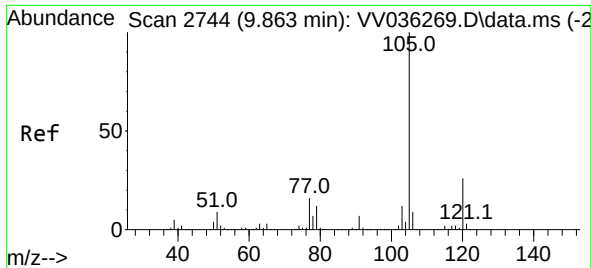
Ion Ratio Lower Upper

83 100

55 77.5 60.7 91.1

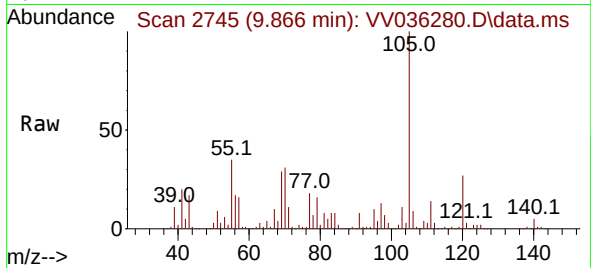
98 35.4 38.7 58.1#





#60
Isopropylbenzene
Concen: 9.712 ug/L
RT: 9.866 min Scan# 21
Delta R.T. 0.003 min
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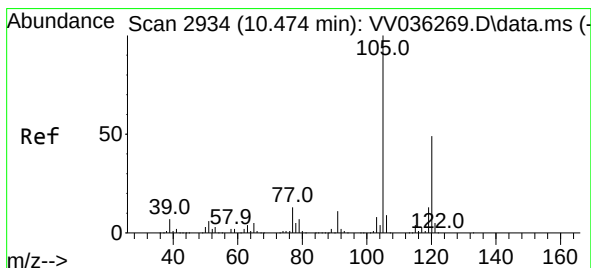
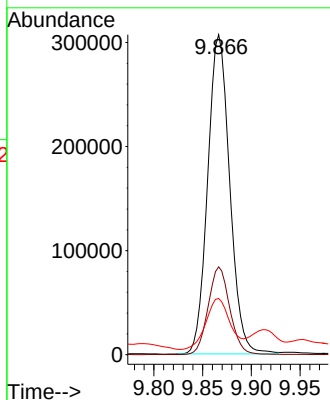
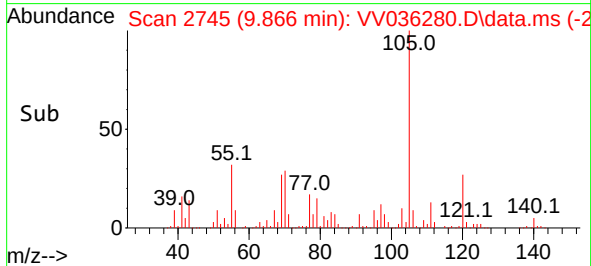
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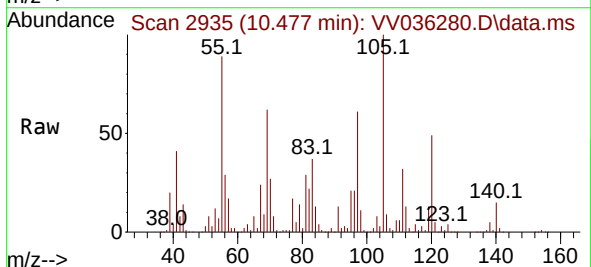
Tgt Ion:105 Resp: 48285
Ion Ratio Lower Upper
105 100
120 26.9 21.0 31.6
77 17.5 12.6 18.8

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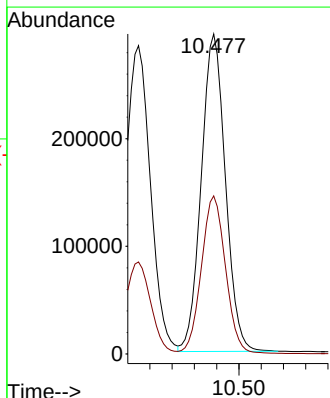
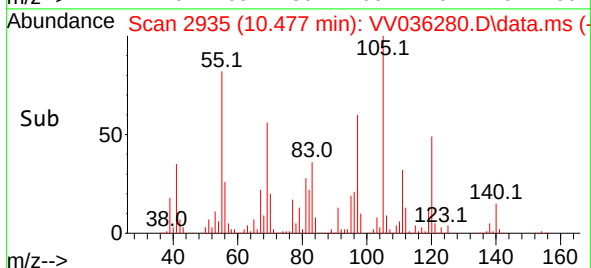
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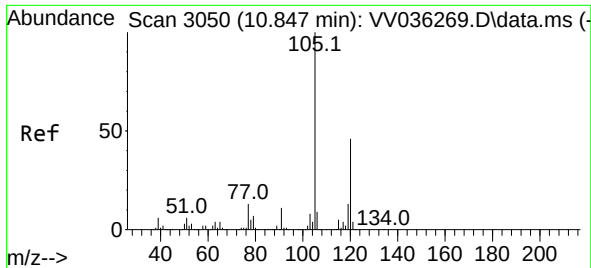


#62
1,3,5-Trimethylbenzene
Concen: 12.308 ug/L
RT: 10.477 min Scan# 2935
Delta R.T. 0.003 min
Lab File: VV036280.D
Acq: 25 Jun 2024 19:05



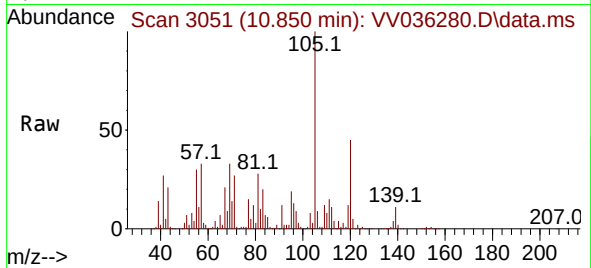
Tgt Ion:105 Resp: 443729
Ion Ratio Lower Upper
105 100
120 49.7 38.6 58.0





#63
 1,2,4-Trimethylbenzene
 Concen: 28.834 ug/L
 RT: 10.850 min Scan# 3051
 Delta R.T. 0.003 min
 Lab File: VV036280.D
 Acq: 25 Jun 2024 19:05

Instrument :
 MSVOA_V
 ClientSampleId :
 C0T89



Tgt Ion:105 Resp: 1120030
 Ion Ratio Lower Upper
 105 100
 120 45.1 36.2 54.4

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