

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
 Data File : VX025151.D
 Acq On : 12 Nov 2021 13:59
 Operator : JC/MD
 Sample : M4615-07
 Misc : 3.78g/5.0mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 COV13

Quant Time: Nov 13 04:23:57 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML111121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Nov 12 12:01:23 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Semsettin Yesilyurt 11/14/2021
 Supervised By :Mahesh Dadoda 11/15/2021

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

Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	212484	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	193716	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.030	152	100995	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.367	65	61648	42.945	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	85.900%
7) Chloroethane-d5	1.666	69	30239	36.961	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	73.920%
11) 1,1-Dichloroethene-d2	2.282	63	82122	33.262	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.520%
21) 2-Butanone-d5	4.495	46	117376	108.201	ug/L	0.04
Spiked Amount	100.000	Range	40 - 130	Recovery	=	108.200%
24) Chloroform-d	5.068	84	113010	44.750	ug/L	0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.500%
26) 1,2-Dichloroethane-d4	5.964	65	71792	46.901	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	93.800%
32) Benzene-d6	5.970	84	239348	45.270	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.540%
36) 1,2-Dichloropropane-d6	7.312	67	74661	46.248	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.500%
41) Toluene-d8	8.653	98	225986	44.758	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.520%
43) trans-1,3-Dichloroprop...	8.958	79	39854	45.477	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	90.960%
47) 2-Hexanone-d5	9.415	63	89641	103.404	ug/L	0.03
Spiked Amount	100.000	Range	45 - 130	Recovery	=	103.400%
56) 1,1,2,2-Tetrachloroeth...	11.201	84	99671	42.866	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	85.740%
66) 1,2-Dichlorobenzene-d4	12.323	152	87941	43.925	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	87.860%
Target Compounds						
					Qvalue	
13) Acetone	2.428	43	20669	20.312	ug/L	64
15) Methyl Acetate	2.733	43	2252m	1.359	ug/L	
22) 2-Butanone	4.599	43	13758m	10.157	ug/L	
35) Methylcyclohexane	7.379	83	3148	1.197	ug/L	93
63) 1,2,4-Trimethylbenzene	11.756	105	4589	0.747	ug/L	88

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

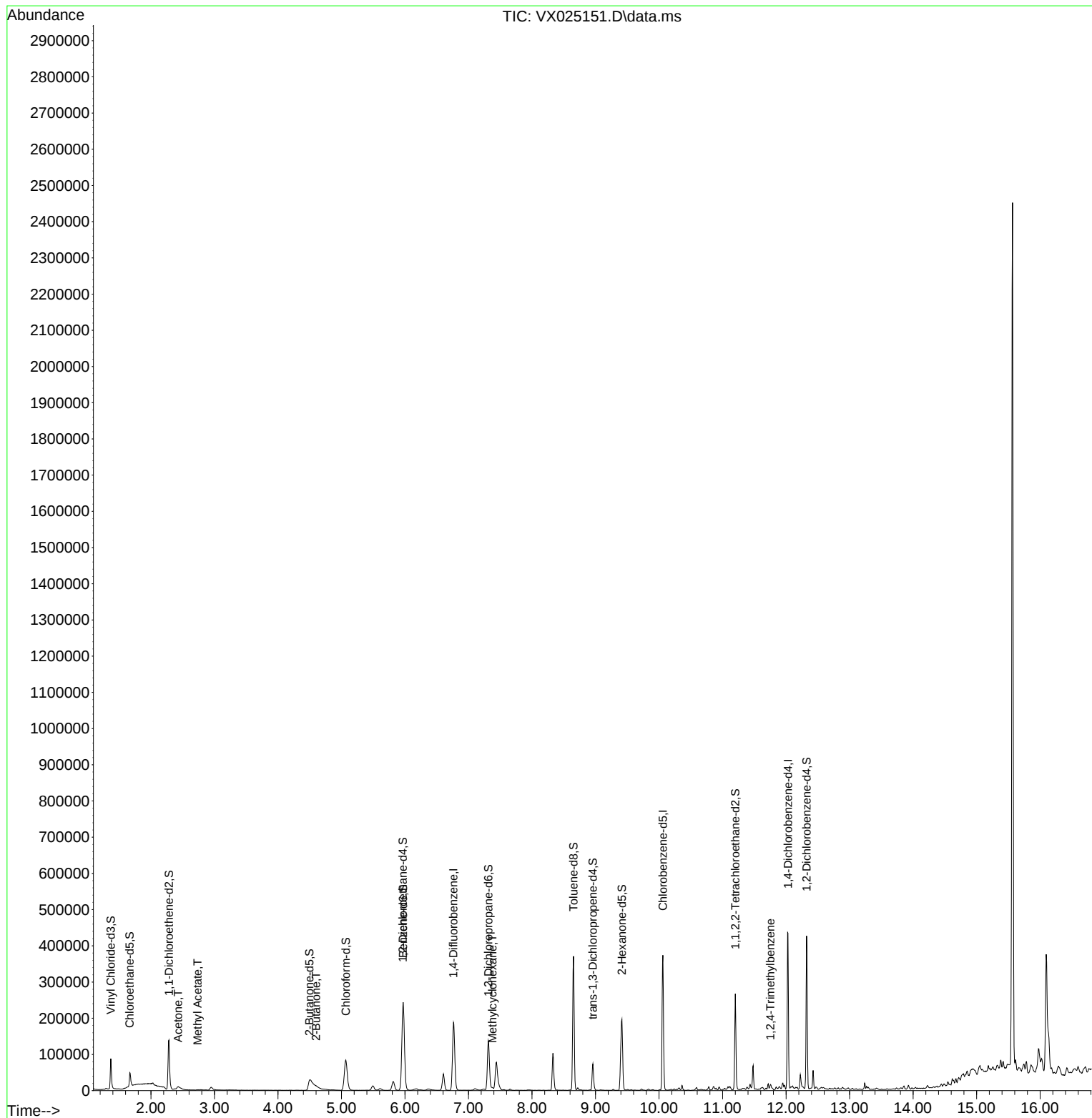
Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX111221\
Data File : VX025151.D
Acq On : 12 Nov 2021 13:59
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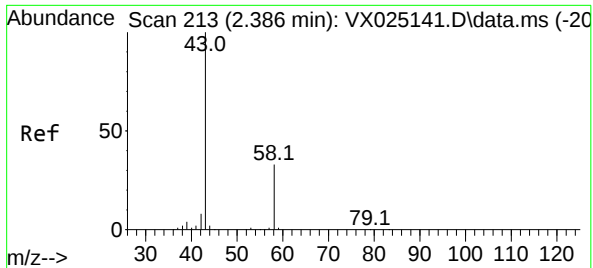
Instrument :
MSVOA_X
ClientSampleId :
COV13

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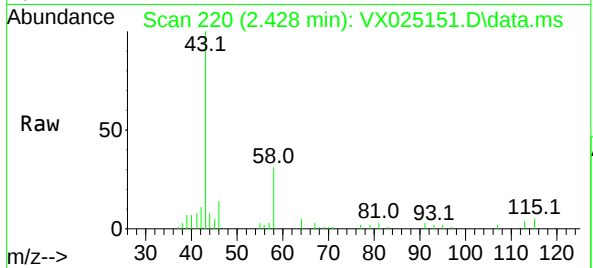
Quant Time: Nov 13 04:23:57 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM111121WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Nov 12 12:01:23 2021
Response via : Initial Calibration





#13
Acetone
Concen: 20.312 ug/L
RT: 2.428 min Scan# 213
Delta R.T. 0.043 min
Lab File: VX025151.D
Acq: 12 Nov 2021 13:59

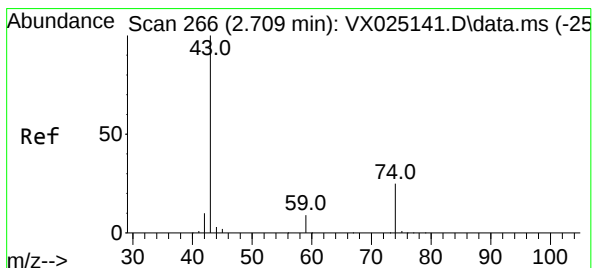
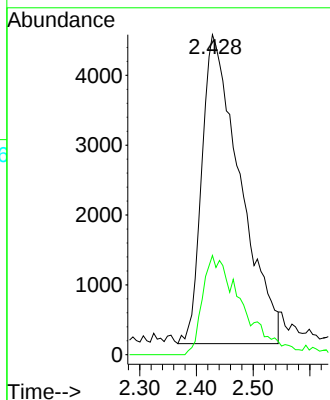
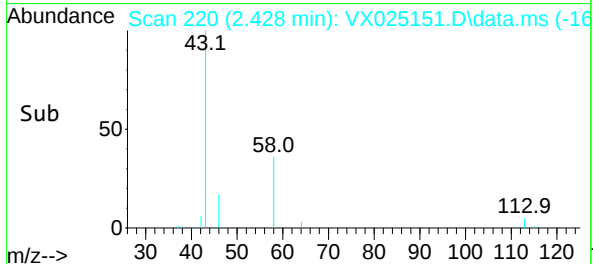
Instrument :
MSVOA_X
ClientSampleId :
COV13



Tgt Ion: 43 Resp: 2066
Ion Ratio Lower Upper
43 100
58 12.0 0.0 64.8

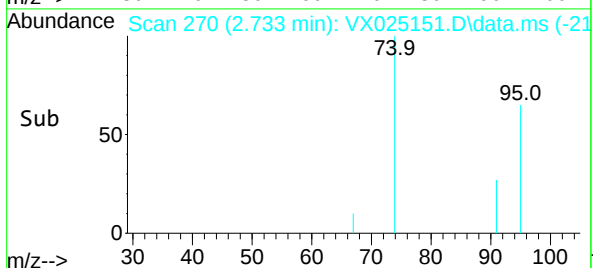
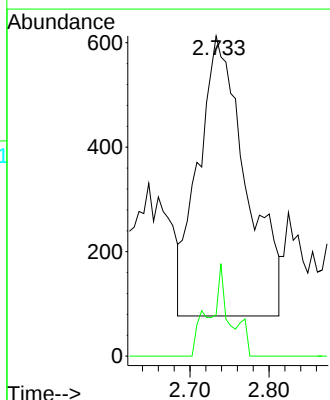
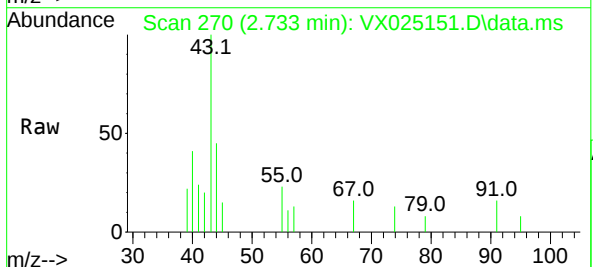
Manual Integrations
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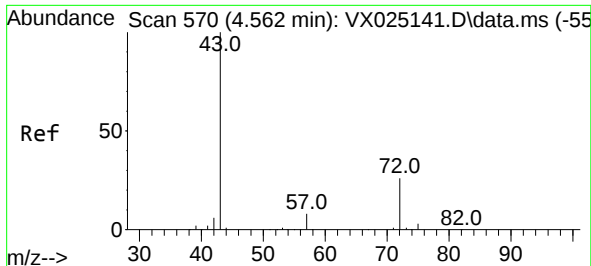
Reviewed By :Semsettin Yesilyurt 11/14/2021
Supervised By :Mahesh Dadoda 11/15/2021



#15
Methyl Acetate
Concen: 1.359 ug/L m
RT: 2.733 min Scan# 270
Delta R.T. 0.024 min
Lab File: VX025151.D
Acq: 12 Nov 2021 13:59

Tgt Ion: 43 Resp: 2252
Ion Ratio Lower Upper
43 100
74 4.8 28.6 42.8#





#22

2-Butanone

Concen: 10.157 ug/L m

RT: 4.599 min Scan# 51

Delta R.T. 0.036 min

Lab File: VX025151.D

Acq: 12 Nov 2021 13:59

Instrument :

MSVOA_X

ClientSampleId :

COV13

Tgt Ion: 43 Resp: 13758

Ion Ratio Lower Upper

43 100

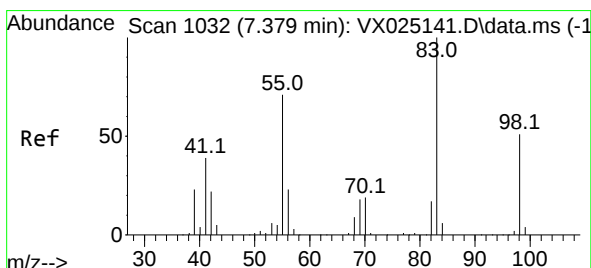
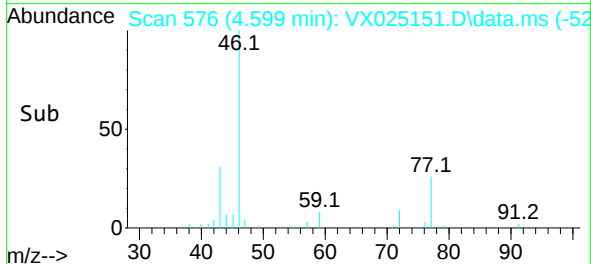
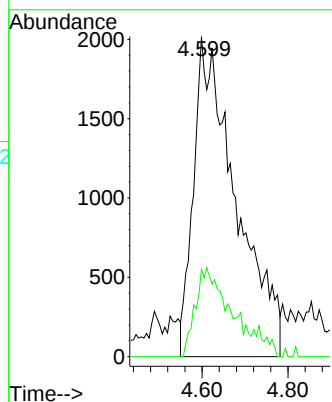
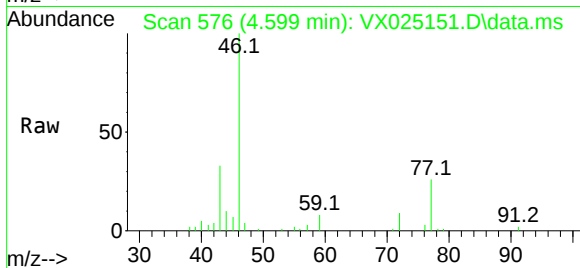
72 6.6 18.4 55.0

Manual Integrations

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#35

Methylcyclohexane

Concen: 1.197 ug/L

RT: 7.379 min Scan# 1032

Delta R.T. -0.000 min

Lab File: VX025151.D

Acq: 12 Nov 2021 13:59

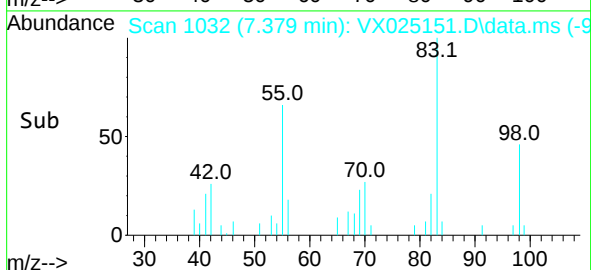
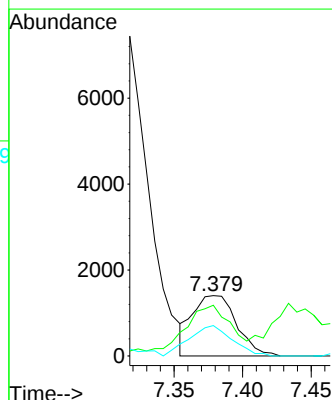
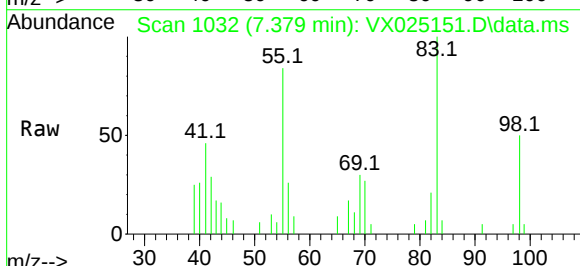
Tgt Ion: 83 Resp: 3148

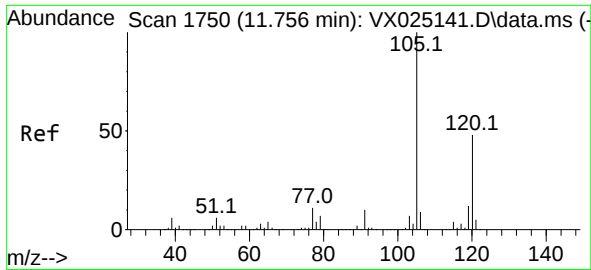
Ion Ratio Lower Upper

83 100

55 73.6 52.6 79.0

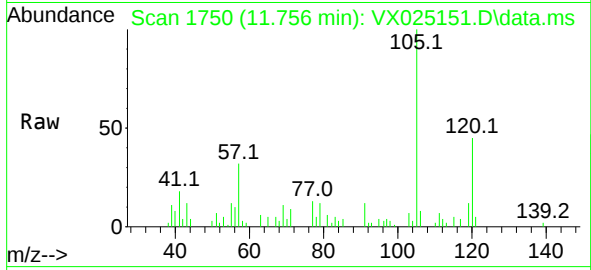
98 49.1 37.9 56.9





#63
 1,2,4-Trimethylbenzene
 Concen: 0.747 ug/L
 RT: 11.756 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VX025151.D
 Acq: 12 Nov 2021 13:59

Instrument :
 MSVOA_X
 ClientSampleId :
 C0V13



Tgt Ion:105 Resp: 4589
 Ion Ratio Lower Upper
 105 100
 120 46.2 31.0 46.6

Manual Integrations
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