

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
 Data File : VV022539.D
 Acq On : 03 Oct 2021 03:10
 Operator : SY/MD
 Sample : M3973-21ME
 Misc : 5.07g/5.0mL/100uL/5.0mL/MSVOA_V/MEOH
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 EW8Y5ME

Manual Integrations
 APPROVED

SAM
 10/17/2021 7:03:59 AM

Quant Time: Oct 04 04:31:44 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Oct 04 04:27:20 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	5.616	114	260290	50.000	ug/L	0.00
28) Chlorobenzene-d5	8.857	117	255701	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.255	152	135239	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.304	65	64324	39.958	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	79.920%		
7) Chloroethane-d5	1.564	69	45014m	35.573	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	71.140%		
11) 1,1-Dichloroethene-d2	2.088	63	91894	28.951	ug/L	-0.02
Spiked Amount 50.000	Range 60 - 125		Recovery =	57.900%#		
21) 2-Butanone-d5	3.924	46	81640m	92.133	ug/L	0.03
Spiked Amount 100.000	Range 40 - 130		Recovery =	92.130%		
24) Chloroform-d	4.349	84	123053	41.838	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	83.680%		
26) 1,2-Dichloroethane-d4	5.034	65	80324	47.079	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	94.160%		
32) Benzene-d6	5.047	84	262313	44.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.560%		
36) 1,2-Dichloropropane-d6	6.072	67	81349	44.609	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	89.220%		
41) Toluene-d8	7.317	98	241077	44.366	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	88.740%		
43) trans-1,3-Dichloroprop...	7.625	79	33665	39.018	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	78.040%		
47) 2-Hexanone-d5	8.120	63	62944m	83.321	ug/L	0.03
Spiked Amount 100.000	Range 45 - 130		Recovery =	83.320%		
56) 1,1,2,2-Tetrachloroeth...	10.226	84	111426	43.941	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	87.880%		
66) 1,2-Dichlorobenzene-d4	11.628	152	101987	46.244	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.480%		
Target Compounds						Qvalue
25) Chloroform	4.381	83	2680	0.754	ug/L	97
35) Methylcyclohexane	6.124	83	12844	4.109	ug/L #	88
60) Isopropylbenzene	9.937	105	7405	0.861	ug/L	98
63) 1,2,4-Trimethylbenzene	10.921	105	9545	1.325	ug/L	96

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

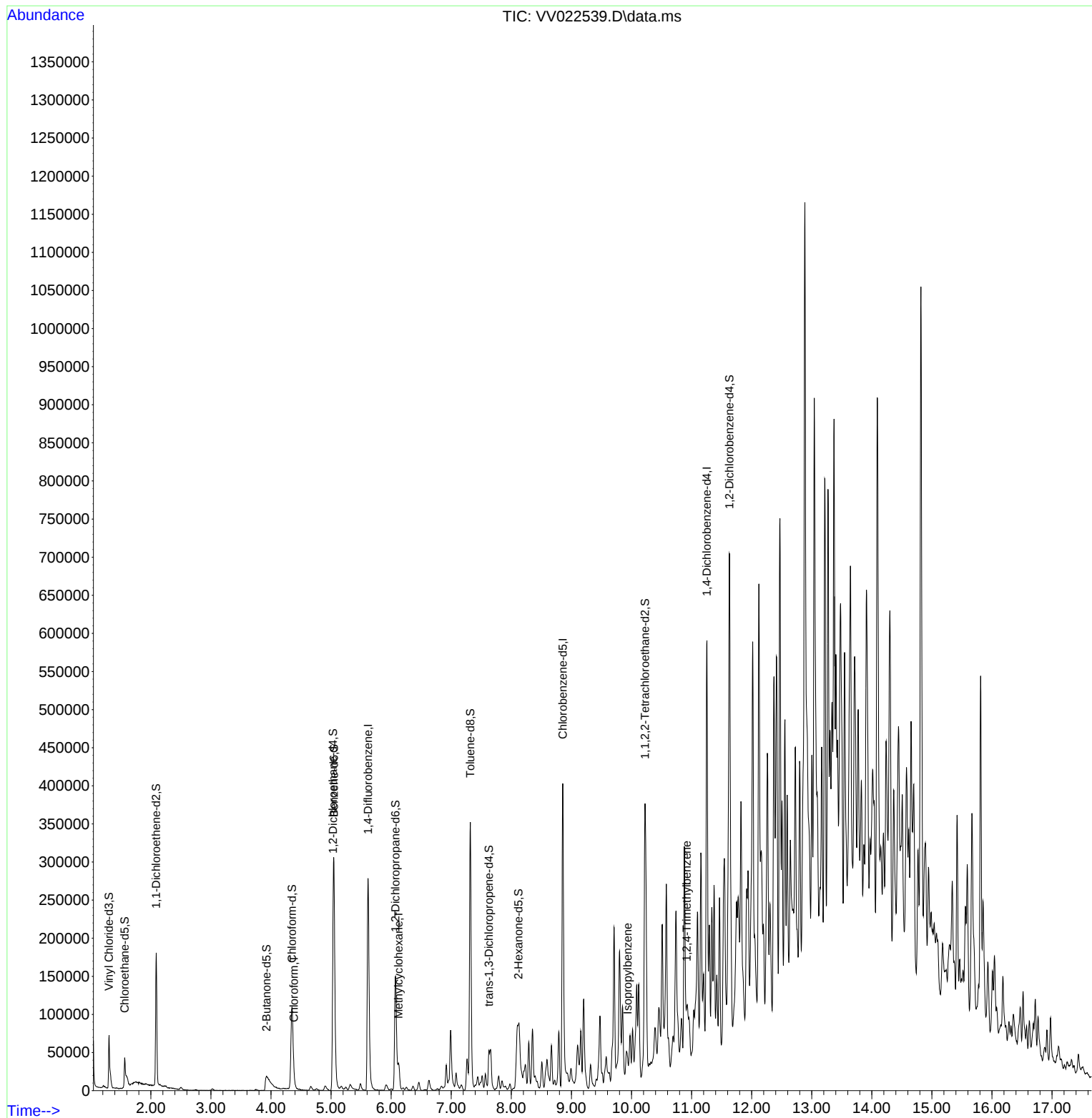
Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV100221\
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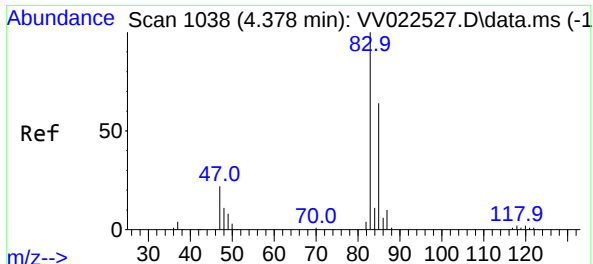
Instrument :
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ClientSampleId :
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Quant Time: Oct 04 04:31:44 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVLM100121WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 04 04:27:20 2021
Response via : Initial Calibration





#25

Chloroform

Concen: 0.754 ug/L

RT: 4.381 min Scan# 1039

Delta R.T. 0.003 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

Tgt Ion: 83 Resp: 2680

Ion Ratio Lower Upper

83 100

85 63.1 45.8 85.0

Instrument :

MSVOA_V

ClientSampleId :

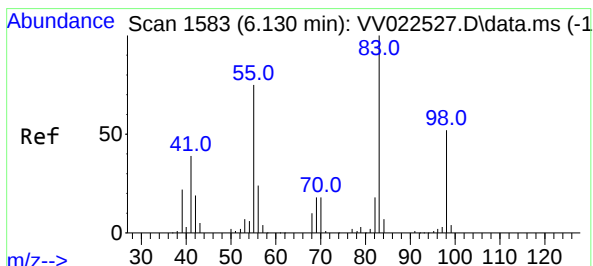
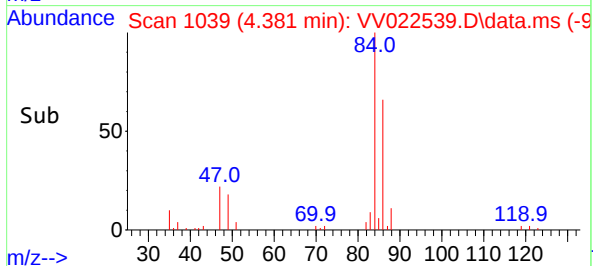
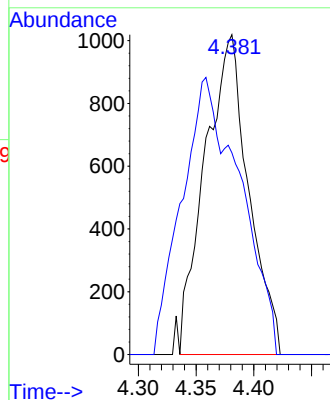
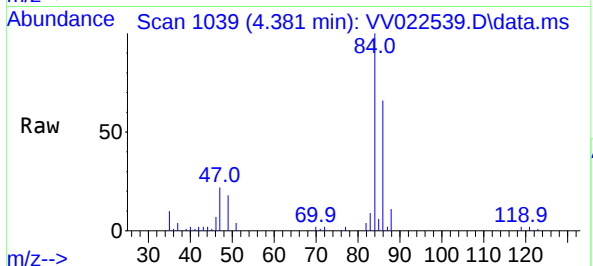
EW8Y5ME

Manual Integrations

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#35

Methylcyclohexane

Concen: 4.109 ug/L

RT: 6.124 min Scan# 1581

Delta R.T. -0.007 min

Lab File: VV022539.D

Acq: 03 Oct 2021 03:10

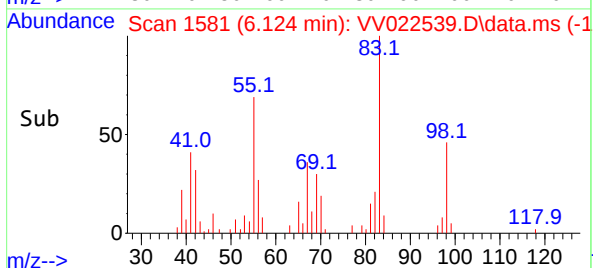
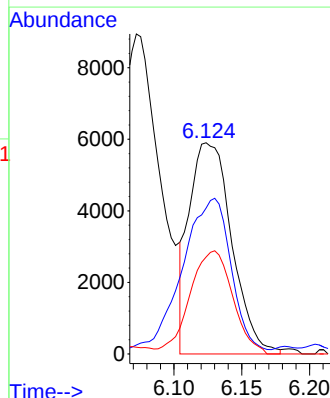
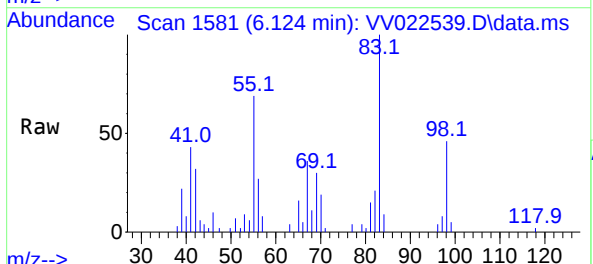
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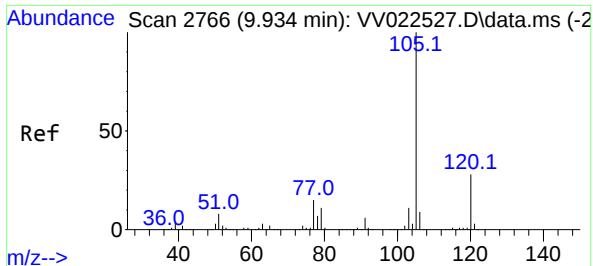
Ion Ratio Lower Upper

83 100

55 87.5 56.7 85.1#

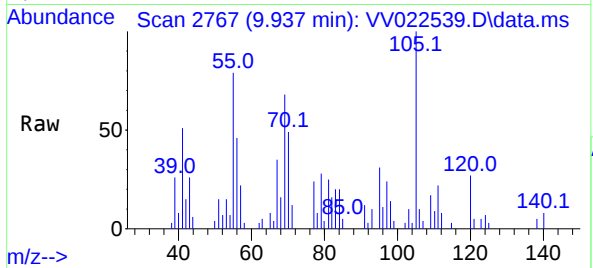
98 49.4 40.6 60.8





#60
Isopropylbenzene
Concen: 0.861 ug/L
RT: 9.937 min Scan# 2767
Delta R.T. 0.003 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10

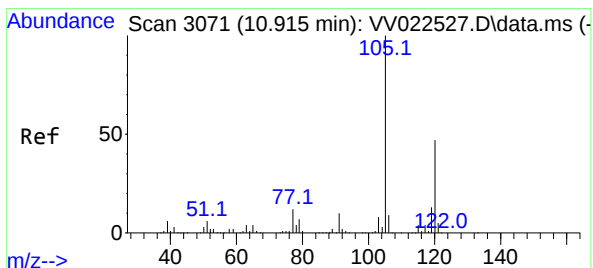
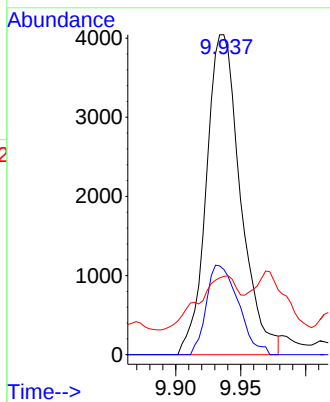
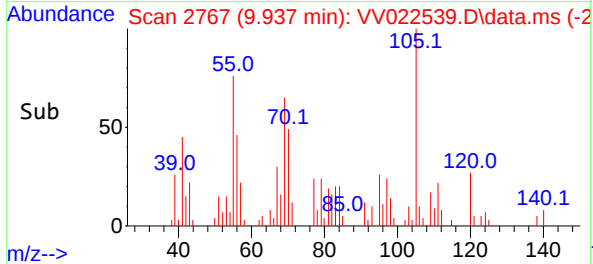
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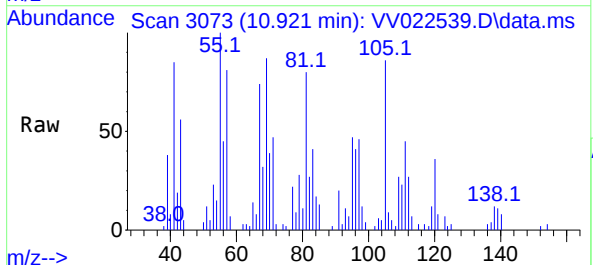
Tgt Ion:105 Resp: 7405
Ion Ratio Lower Upper
105 100
120 25.9 21.6 32.4
77 14.5 12.0 18.0

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10/17/2021 7:03:59 AM



#63
1,2,4-Trimethylbenzene
Concen: 1.325 ug/L
RT: 10.921 min Scan# 3073
Delta R.T. 0.006 min
Lab File: VV022539.D
Acq: 03 Oct 2021 03:10



Tgt Ion:105 Resp: 9545
Ion Ratio Lower Upper
105 100
120 44.3 37.4 56.0

