

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
 Data File : VU048015.D
 Acq On : 13 Apr 2022 19:40
 Operator : SY/MD
 Sample : N2316-04ME
 Misc : 6.86g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 ETNQ2ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/14/2022
 Supervised By : Mahesh Dadoda 04/14/2022

Quant Time: Apr 14 03:11:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Thu Apr 14 02:49:33 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	392939	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	411750	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	227055	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	177841	62.412	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	124.820%	
7) Chloroethane-d5	1.893	69	99856m	44.444	ug/L	-0.02
Spiked Amount 50.000	Range 70	- 130	Recovery	=	88.880%	
11) 1,1-Dichloroethene-d2	2.539	63	244653	46.928	ug/L	-0.03
Spiked Amount 50.000	Range 60	- 125	Recovery	=	93.860%	
21) 2-Butanone-d5	4.642	46	349547	142.920	ug/L	0.02
Spiked Amount 100.000	Range 40	- 130	Recovery	=	142.920%#	
24) Chloroform-d	5.063	84	354887	68.067	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	136.140%#	
26) 1,2-Dichloroethane-d4	5.703	65	233788	73.111	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	146.220%#	
32) Benzene-d6	5.723	84	747356	72.133	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	144.260%#	
36) 1,2-Dichloropropane-d6	6.690	67	242941	76.351	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	152.700%#	
41) Toluene-d8	7.899	98	686685	68.026	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	136.060%#	
43) trans-1,3-Dichloroprop...	8.182	79	103606	64.271	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	128.540%#	
47) 2-Hexanone-d5	8.661	63	280487	150.582	ug/L	0.03
Spiked Amount 100.000	Range 45	- 130	Recovery	=	150.580%#	
56) 1,1,2,2-Tetrachloroeth...	10.767	84	379264	69.454	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	138.900%#	
66) 1,2-Dichlorobenzene-d4	12.198	152	300735	74.448	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	148.900%#	
Target Compounds						Qvalue
33) Benzene	5.771	78	56789	4.765	ug/L	100
42) Toluene	7.973	91	19227	1.470	ug/L	99
51) Chlorobenzene	9.452	112	1918148	216.026	ug/L	98
65) 1,4-Dichlorobenzene	11.841	146	7498	1.061	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	5209	0.763	ug/L #	89

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

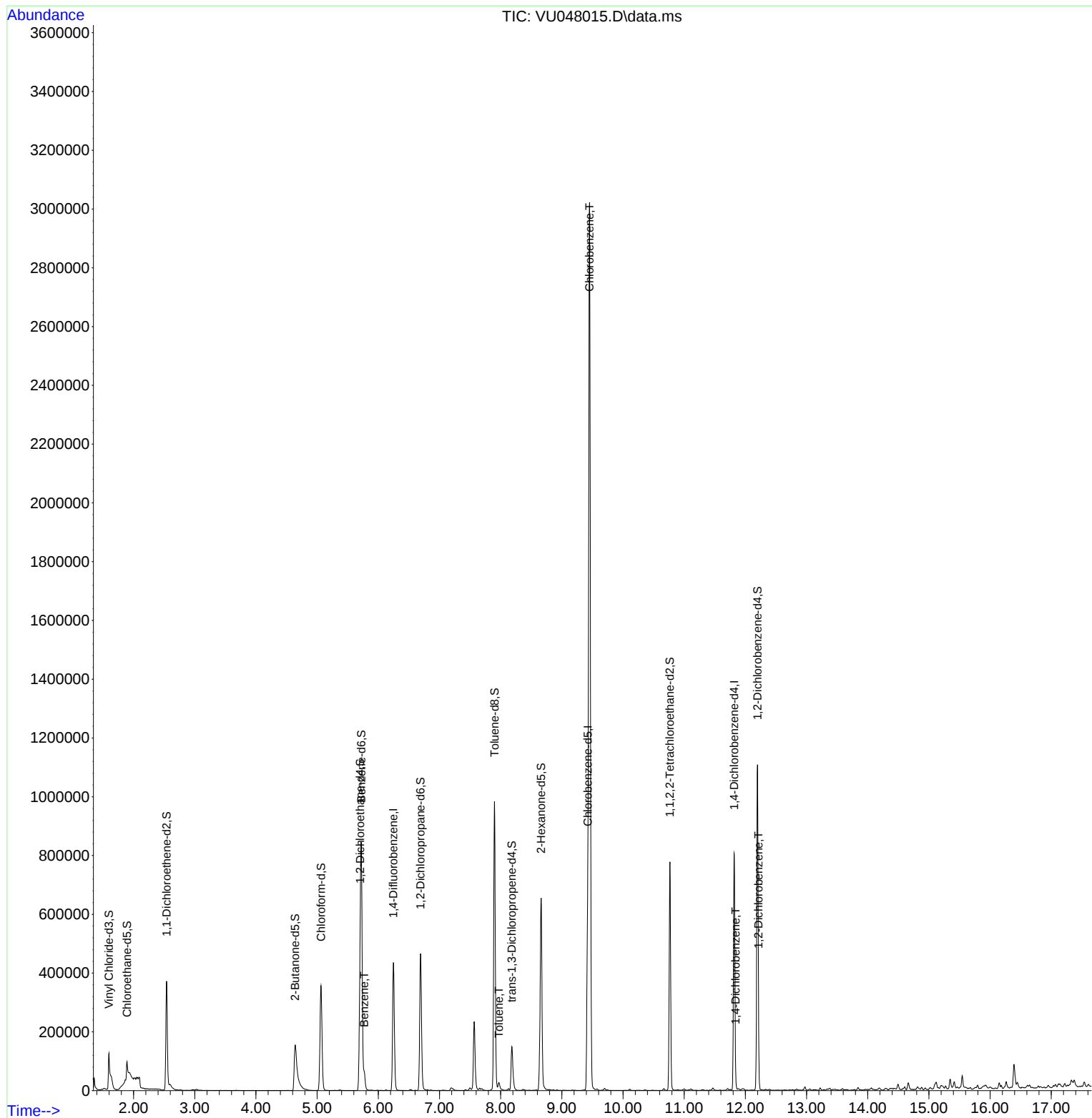
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041322\
Data File : VU048015.D
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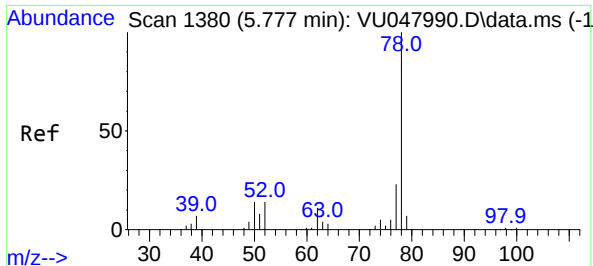
Instrument :
MSVOA_U
ClientSampleId :
ETNQ2ME

Quant Time: Apr 14 03:11:11 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Apr 14 02:49:33 2022
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#33

Benzene

Concen: 4.765 ug/L

RT: 5.771 min Scan# 1

Delta R.T. -0.006 min

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Instrument :

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ClientSampleId :

ETNQ2ME

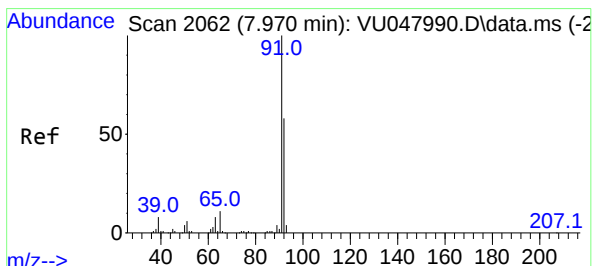
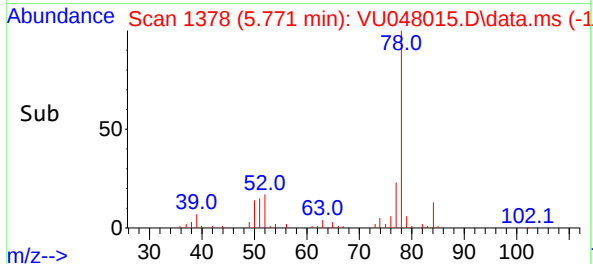
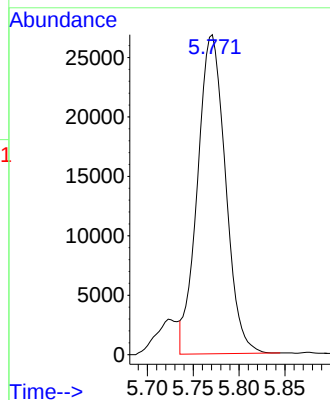
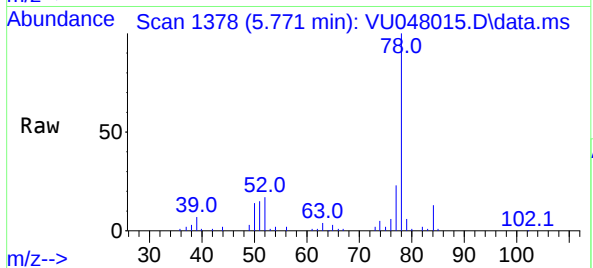
Tgt Ion: 78 Resp: 5678

Manual Integrations

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#42

Toluene

Concen: 1.470 ug/L

RT: 7.973 min Scan# 2063

Delta R.T. 0.003 min

Lab File: VU048015.D

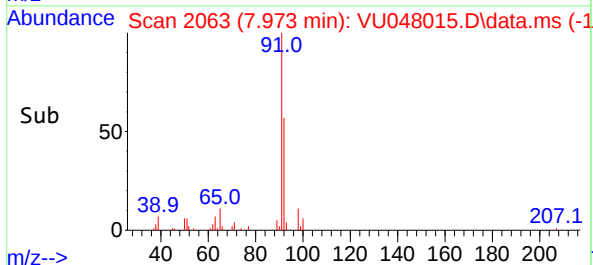
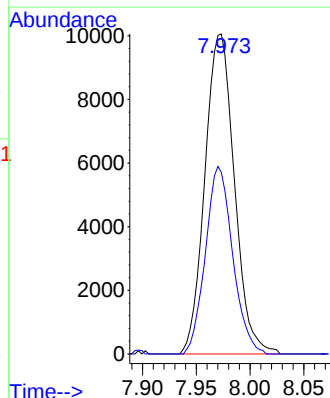
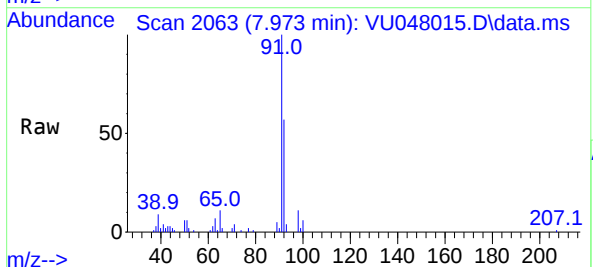
Acq: 13 Apr 2022 19:40

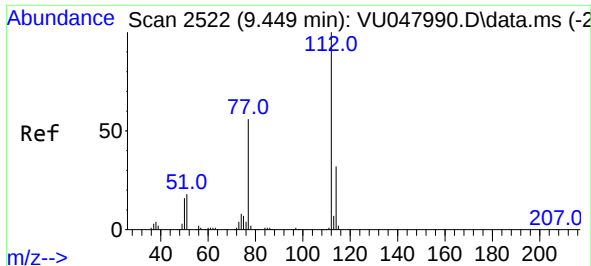
Tgt Ion: 91 Resp: 19227

Ion Ratio Lower Upper

91 100

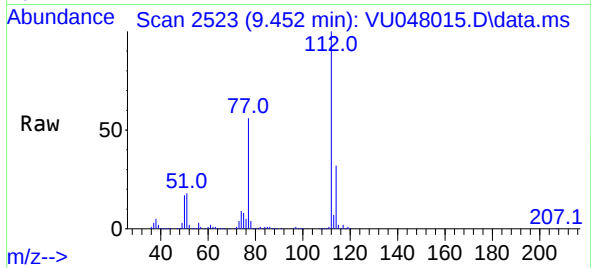
92 56.8 40.4 75.0





#51
Chlorobenzene
Concen: 216.026 ug/L
RT: 9.452 min Scan# 21
Delta R.T. 0.003 min
Lab File: VU048015.D
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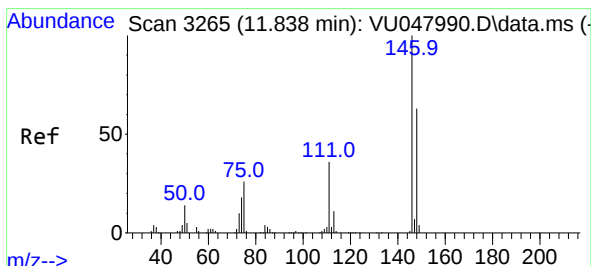
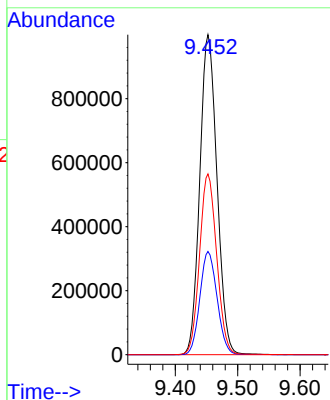
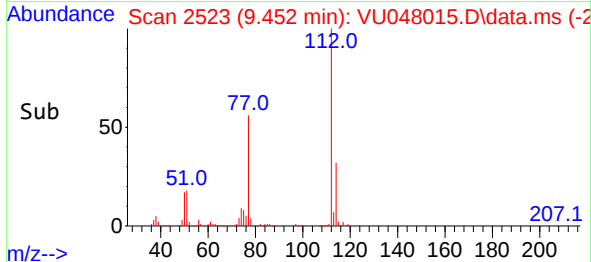
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ClientSampleId :
ETNQ2ME



Tgt Ion:112 Resp: 191814
Ion Ratio Lower Upper
112 100
114 32.2 22.1 41.1
77 56.5 43.4 65.0

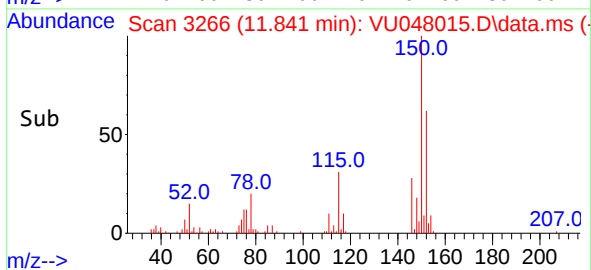
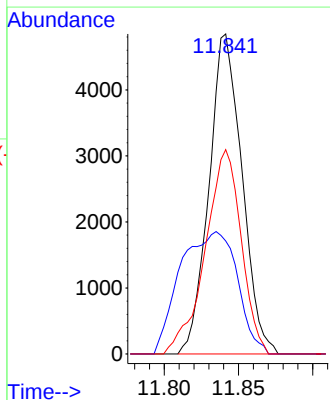
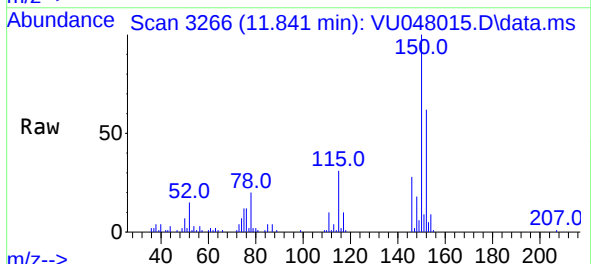
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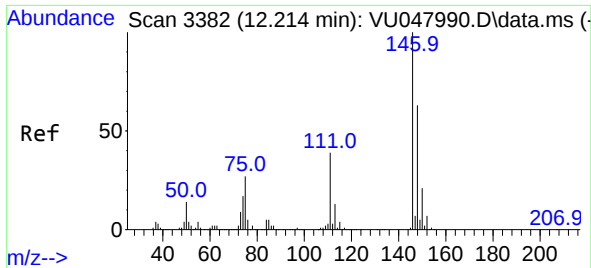
Reviewed By :John Carlone 04/14/2022
Supervised By :Mahesh Dadoda 04/14/2022



#65
1,4-Dichlorobenzene
Concen: 1.061 ug/L
RT: 11.841 min Scan# 3266
Delta R.T. 0.003 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

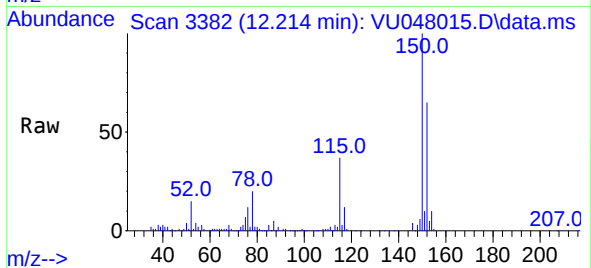
Tgt Ion:146 Resp: 7498
Ion Ratio Lower Upper
146 100
111 35.3 25.3 47.1
148 63.9 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 0.763 ug/L
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048015.D
Acq: 13 Apr 2022 19:40

Instrument :
MSVOA_U
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Tgt Ion:146 Resp: 5209
Ion Ratio Lower Upper
146 100
111 57.1 31.7 47.5
148 64.7 51.4 77.2

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