

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048088.D
 Acq On : 15 Apr 2022 02:53
 Operator : SY/MD
 Sample : N2419-04
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J47

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/15/2022
 Supervised By :Mahesh Dadoda 04/19/2022

Quant Time: Apr 15 05:30:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 15 05:02:53 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	317824	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.436	117	360960	50.000	ug/L	0.02
58) 1,4-Dichlorobenzene-d4	11.822	152	262602	50.000	ug/L	# 0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	76394	33.146	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery =	66.300%		
7) Chloroethane-d5	1.916	69	76817	42.270	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery =	84.540%		
11) 1,1-Dichloroethene-d2	2.568	63	111750	26.502	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	53.000%#		
21) 2-Butanone-d5	4.620	46	203192	102.715	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery =	102.710%		
24) Chloroform-d	5.067	84	193954	45.992	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	91.980%		
26) 1,2-Dichloroethane-d4	5.707	65	126923	49.073	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	98.140%		
32) Benzene-d6	5.732	84	371987	40.955	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery =	81.920%		
36) 1,2-Dichloropropane-d6	6.694	67	125516	44.998	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery =	90.000%		
41) Toluene-d8	7.899	98	298080	33.684	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery =	67.360%#		
43) trans-1,3-Dichloroprop...	8.179	79	44188	31.269	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery =	62.540%		
47) 2-Hexanone-d5	8.636	63	124591	76.300	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery =	76.300%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	229308	47.901	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery =	95.800%		
66) 1,2-Dichlorobenzene-d4	12.208	152	205715	44.032	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery =	88.060%		
Target Compounds						Qvalue
13) Acetone	2.626	43	6328	3.437	ug/L	92
25) Chloroform	5.089	83	67792	15.526	ug/L	97
29) Cyclohexane	5.391	56	9712	2.652	ug/L	95
31) Carbon tetrachloride	5.530	117	89448	24.202	ug/L	99
33) Benzene	5.768	78	24572978m	2351.912	ug/L	
35) Methylcyclohexane	6.768	83	5281	1.267	ug/L #	77
42) Toluene	7.973	91	17226	1.503	ug/L	99
51) Chlorobenzene	9.443	112	36372932m	4672.803	ug/L	
64) 1,3-Dichlorobenzene	11.751	146	7301310	925.578	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	25130466m	3075.661	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	25557567m	3237.976	ug/L	
69) 1,3,5-Trichlorobenzene	13.221	180	42884	6.694	ug/L	99
70) 1,2,4-trichlorobenzene	13.844	180	20536502m	3659.723	ug/L	
72) 1,2,3-Trichlorobenzene	14.336	180	7456974	1325.590	ug/L	98

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

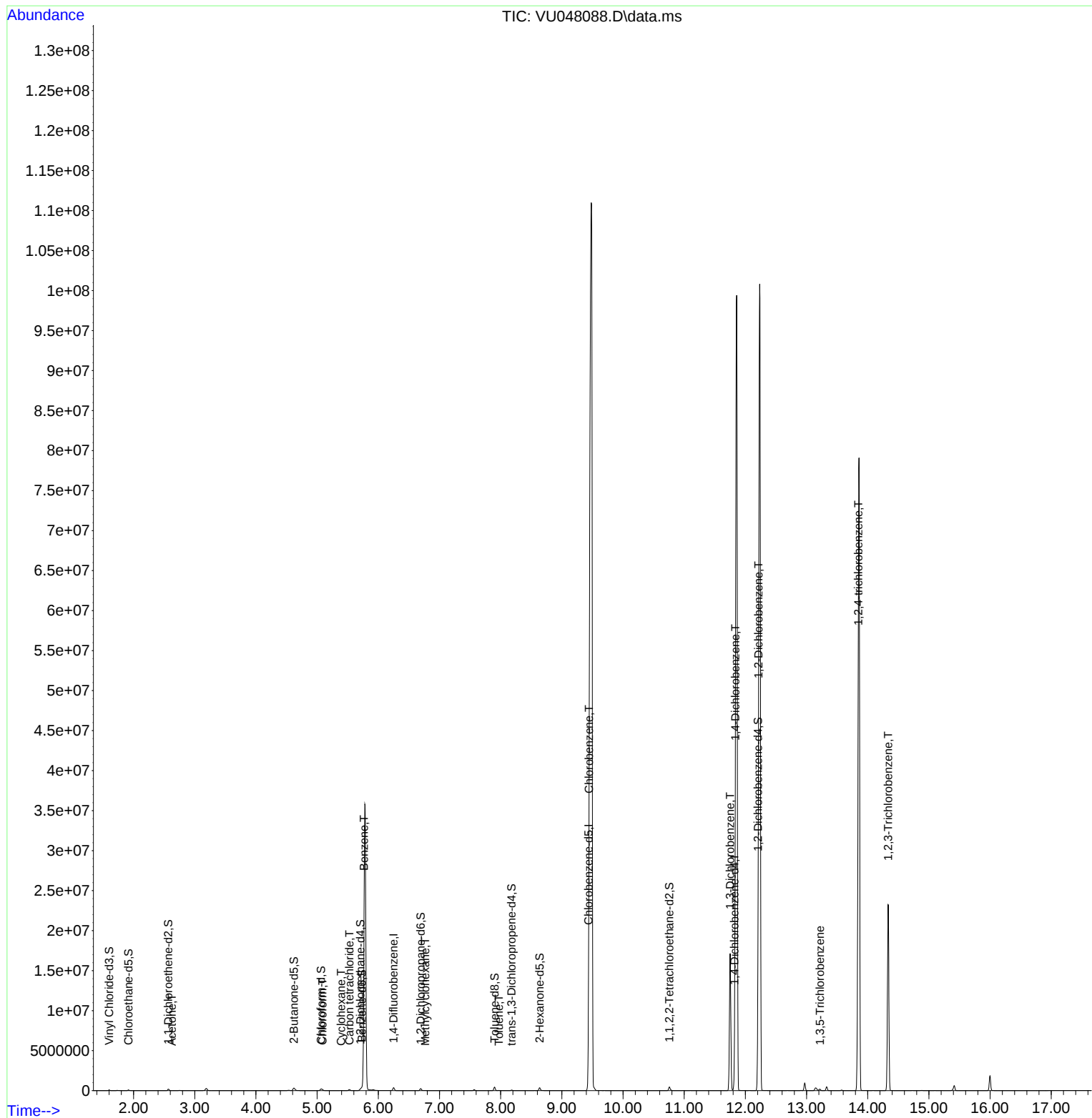
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048088.D
Acq On : 15 Apr 2022 02:53
Operator : SY/MD
Sample : N2419-04
Misc : 5.0mL/MSVOA_U/WATER
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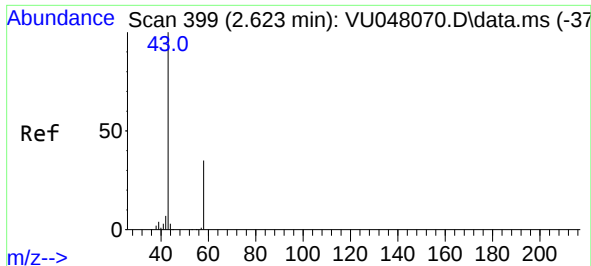
Instrument :
MSVOA_U
ClientSampleId :
C0J47

Quant Time: Apr 15 05:30:09 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
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#13

Acetone

Concen: 3.437 ug/L

RT: 2.626 min Scan# 40

Delta R.T. 0.003 min

Lab File: VU048088.D

Acq: 15 Apr 2022 02:53

Instrument :

MSVOA_U

ClientSampleId :

C0J47

Tgt Ion: 43 Resp: 6328

Ion Ratio Lower Upper

43 100

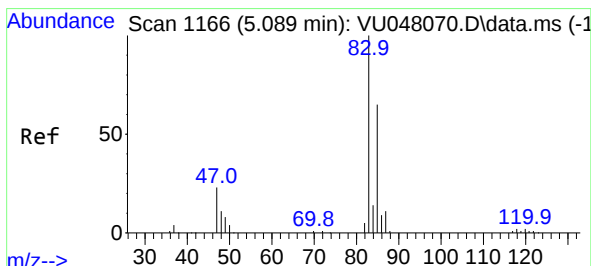
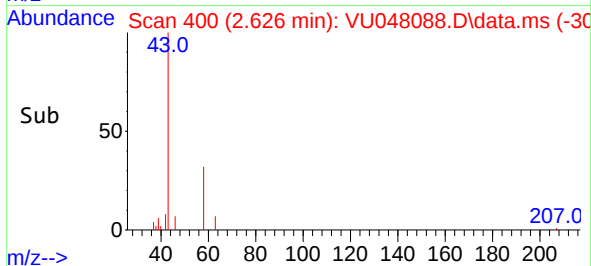
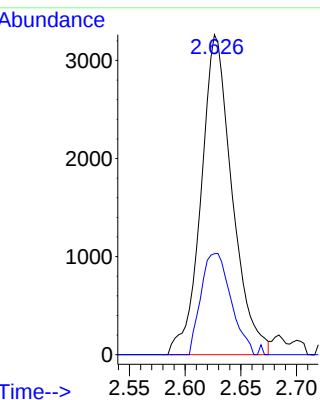
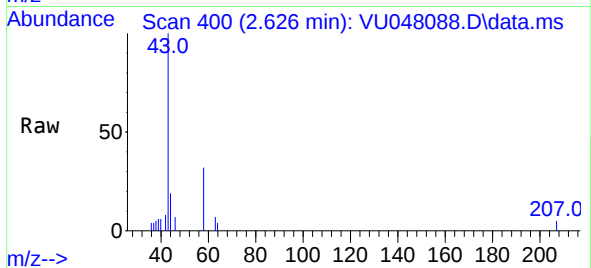
58 30.5 0.0 70.0

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#25

Chloroform

Concen: 15.526 ug/L

RT: 5.089 min Scan# 1166

Delta R.T. 0.000 min

Lab File: VU048088.D

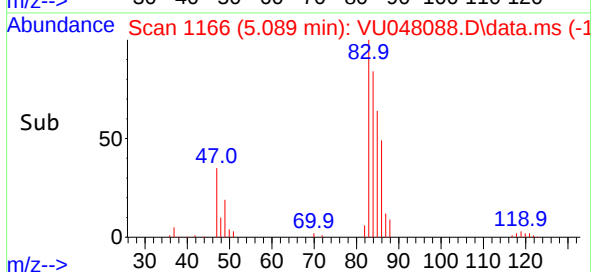
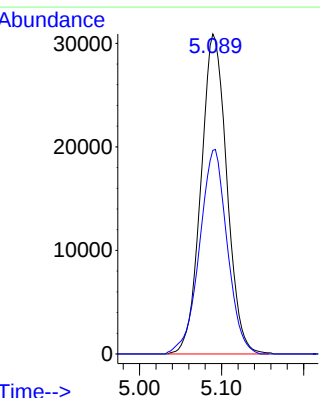
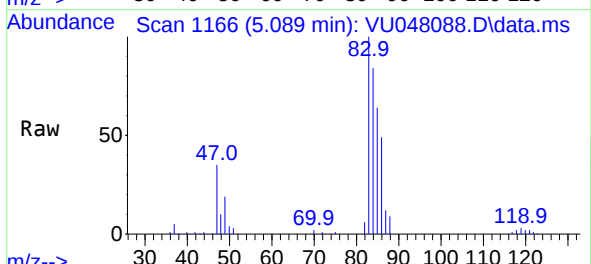
Acq: 15 Apr 2022 02:53

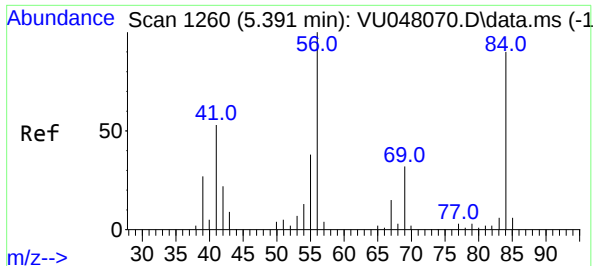
Tgt Ion: 83 Resp: 67792

Ion Ratio Lower Upper

83 100

85 63.6 46.2 85.8





#29

Cyclohexane

Concen: 2.652 ug/L

RT: 5.391 min Scan# 11

Delta R.T. 0.000 min

Lab File: VU048088.D

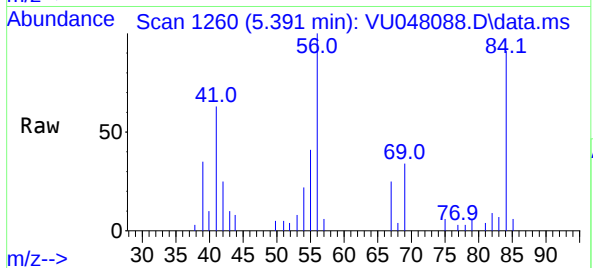
Acq: 15 Apr 2022 02:53

Instrument :

MSVOA_U

ClientSampleId :

C0J47



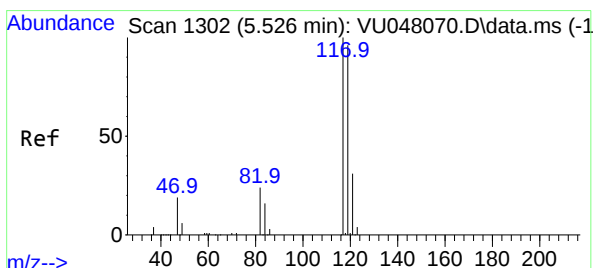
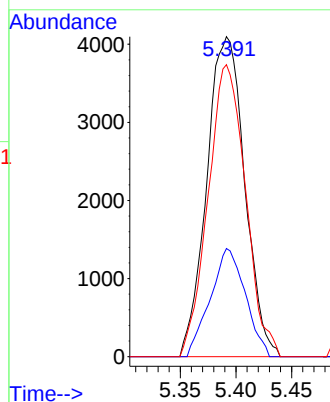
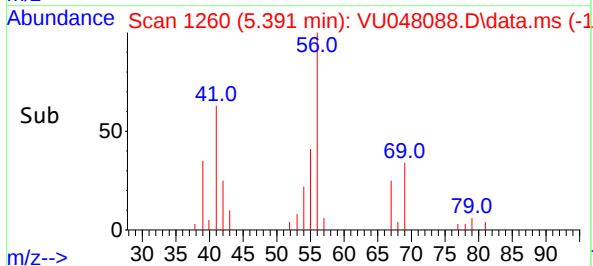
Tgt Ion:	56	Resp:	971
Ion Ratio	Lower	Upper	
56	100		
69	31.2	25.4	38.2
84	90.0	77.0	115.6

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#31

Carbon tetrachloride

Concen: 24.202 ug/L

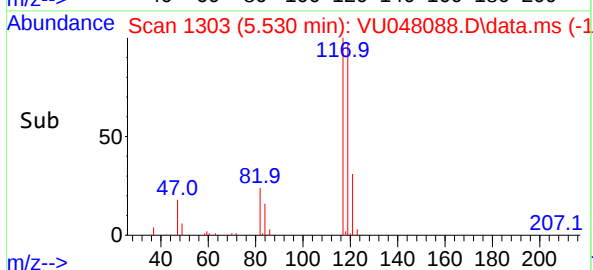
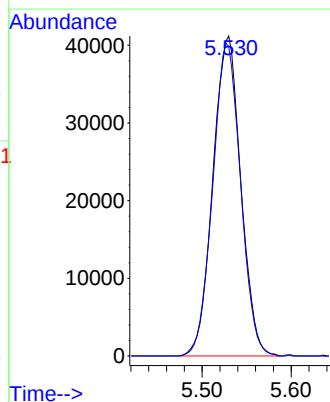
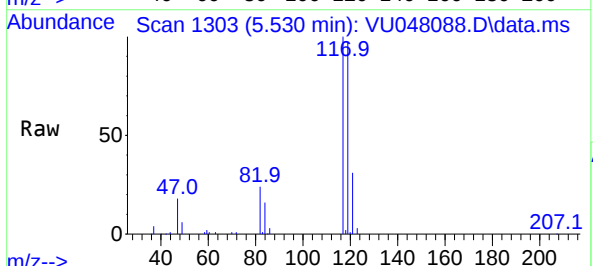
RT: 5.530 min Scan# 1303

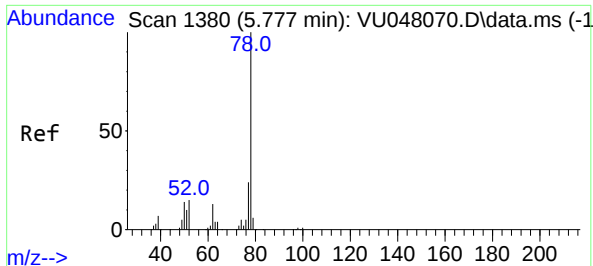
Delta R.T. 0.003 min

Lab File: VU048088.D

Acq: 15 Apr 2022 02:53

Tgt Ion:	117	Resp:	89448
Ion Ratio	Lower	Upper	
117	100		
119	97.5	77.2	115.8





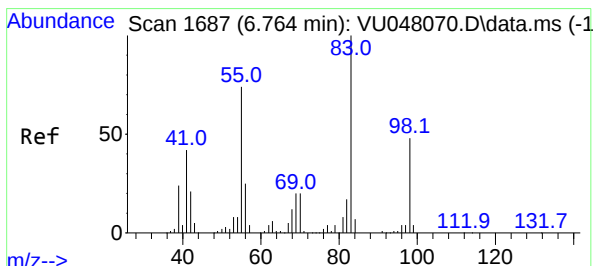
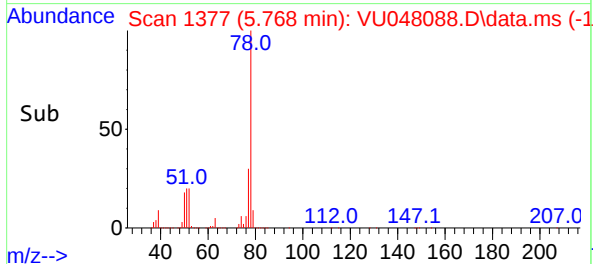
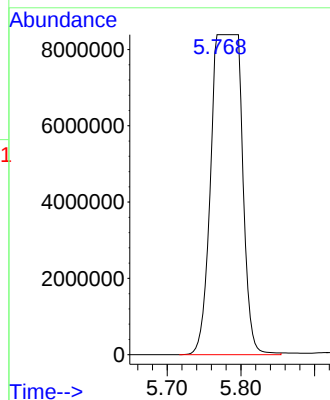
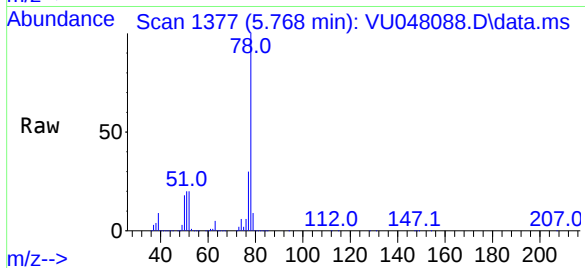
#33
Benzene
Concen: 2351.912 ug/L m
RT: 5.768 min Scan# 11
Delta R.T. -0.010 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

Instrument :
MSVOA_U
ClientSampleId :
C0J47

Tgt Ion: 78 Resp: 24572978

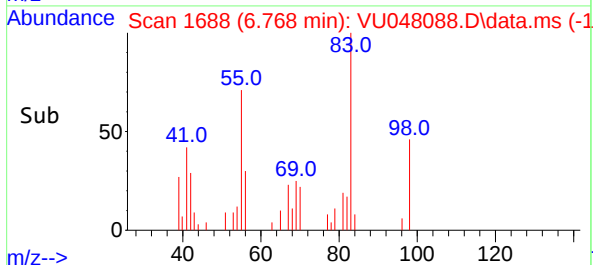
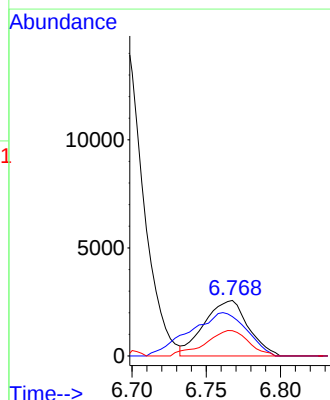
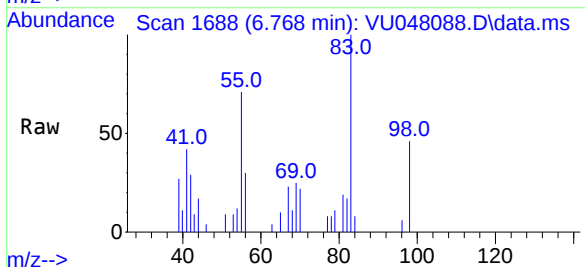
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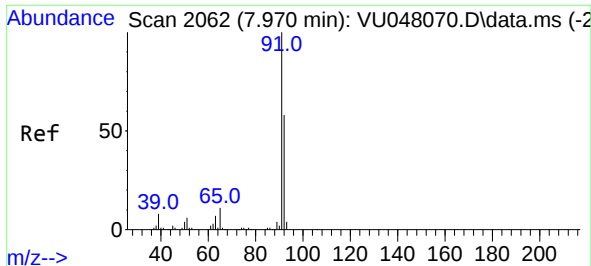
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#35
Methylcyclohexane
Concen: 1.267 ug/L
RT: 6.768 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

Tgt Ion: 83 Resp: 5281
Ion Ratio Lower Upper
83 100
55 101.1 56.8 85.2#
98 45.0 38.1 57.1





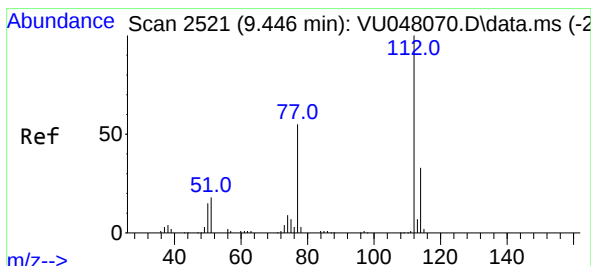
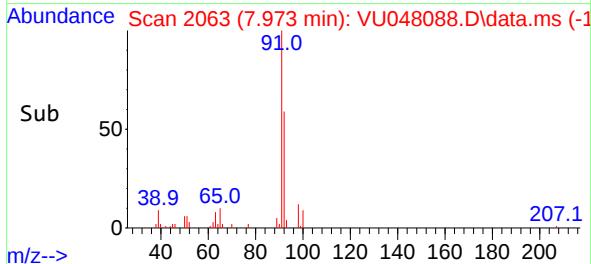
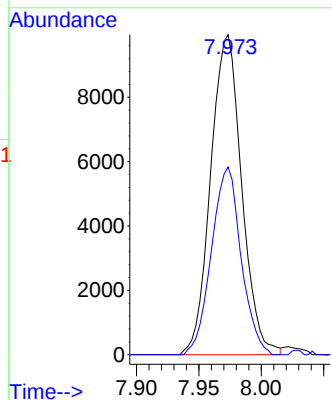
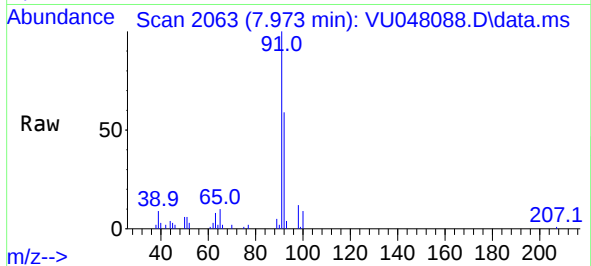
#42
Toluene
Concen: 1.503 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

Instrument :
MSVOA_U
ClientSampleId :
C0J47

Tgt Ion: 91 Resp: 17220
Ion Ratio Lower Upper
91 100
92 58.7 40.4 75.0

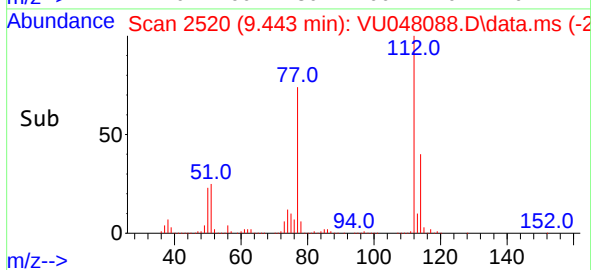
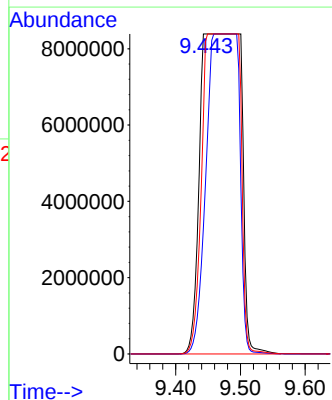
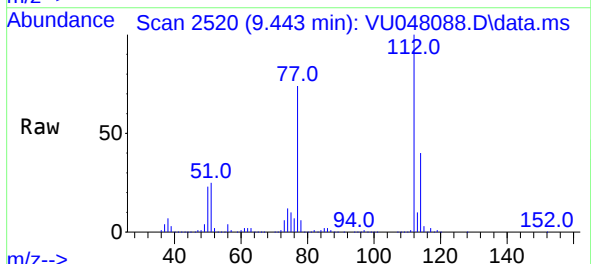
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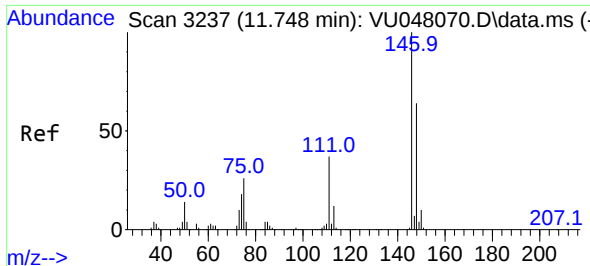
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#51
Chlorobenzene
Concen: 4672.803 ug/L m
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

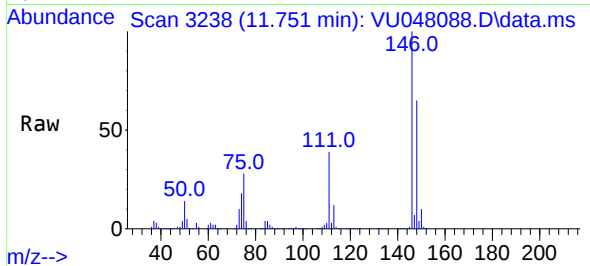
Tgt Ion:112 Resp:36372932
Ion Ratio Lower Upper
112 100
114 39.5 22.1 41.1
77 73.7 43.4 65.0#





#64
1,3-Dichlorobenzene
Concen: 925.578 ug/L
RT: 11.751 min Scan# 3238
Delta R.T. 0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

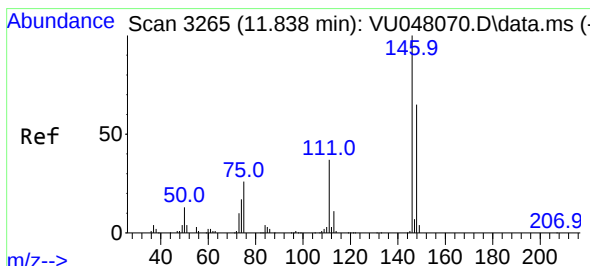
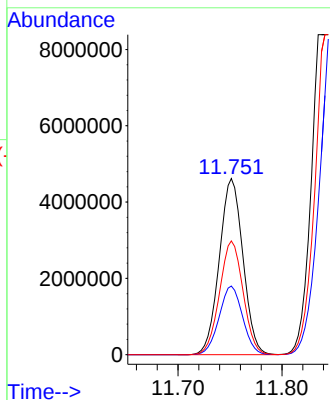
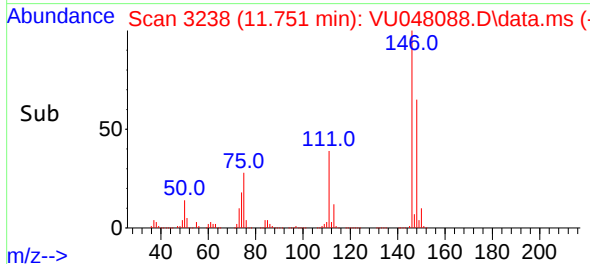
Instrument :
MSVOA_U
ClientSampleId :
C0J47



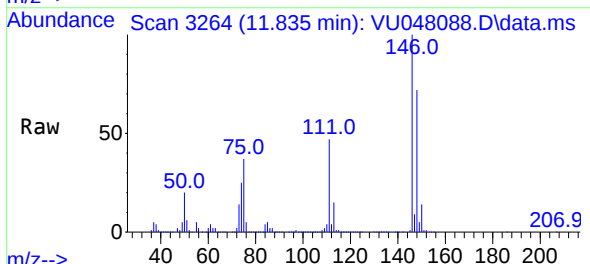
Tgt Ion:146 Resp: 7301310
Ion Ratio Lower Upper
146 100
111 39.0 26.7 49.7
148 64.6 44.4 82.5

Manual Integrations
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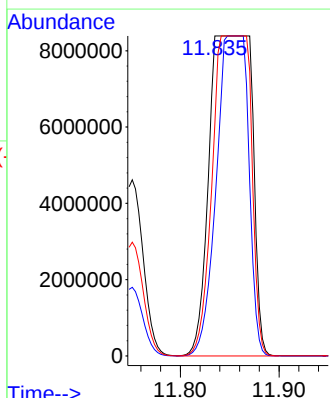
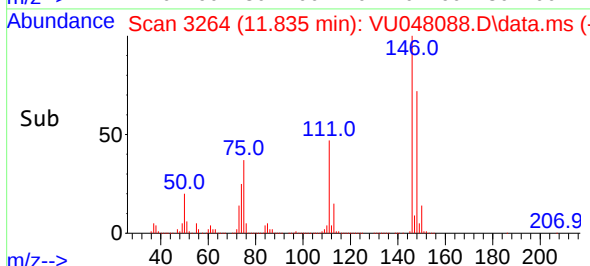
Reviewed By :Krupa Patel 04/15/2022
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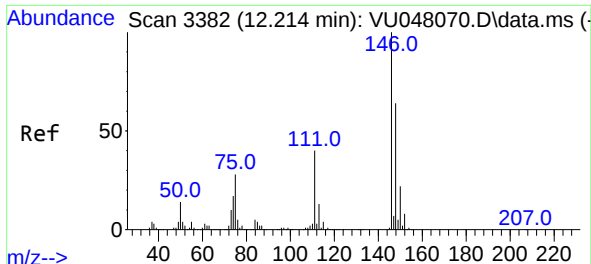


#65
1,4-Dichlorobenzene
Concen: 3075.661 ug/L m
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53



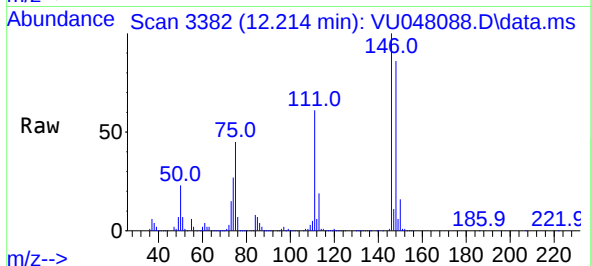
Tgt Ion:146 Resp:25130466
Ion Ratio Lower Upper
146 100
111 47.2 25.3 47.1#
148 72.4 44.5 82.7





#67
1,2-Dichlorobenzene
Concen: 3237.976 ug/L m
RT: 12.214 min Scan# 311
Delta R.T. 0.000 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

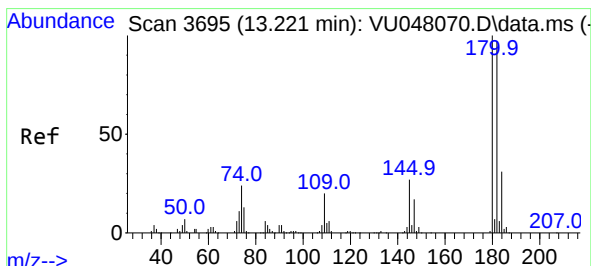
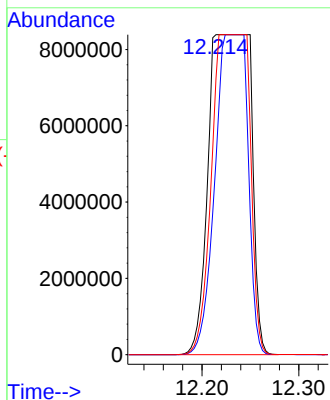
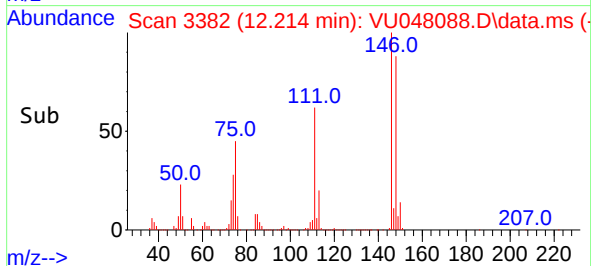
Instrument :
MSVOA_U
ClientSampleId :
C0J47



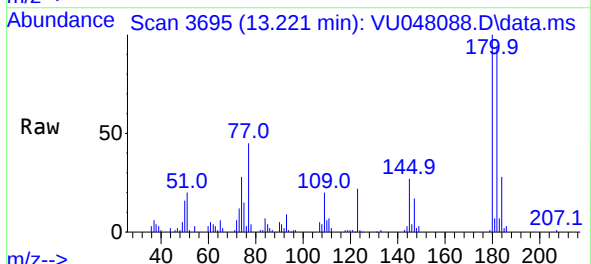
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Ion Ratio Lower Upper
146 100
111 60.5 31.7 47.5
148 86.1 51.4 77.2

Manual Integrations
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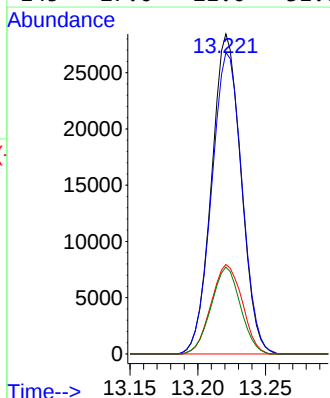
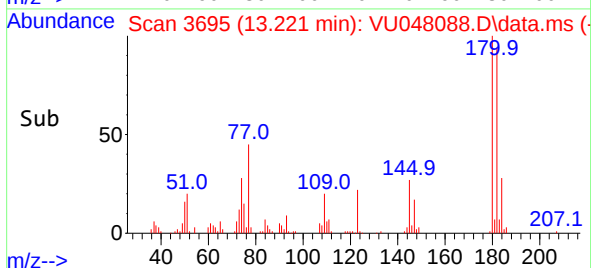
Reviewed By :Krupa Patel 04/15/2022
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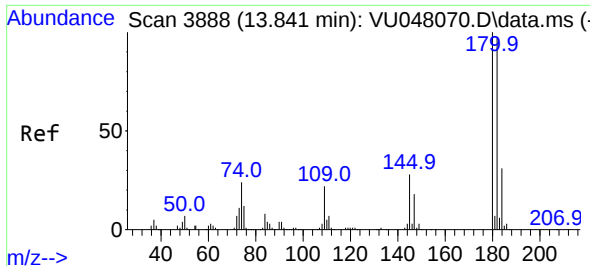


#69
1,3,5-Trichlorobenzene
Concen: 6.694 ug/L
RT: 13.221 min Scan# 3695
Delta R.T. 0.000 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53



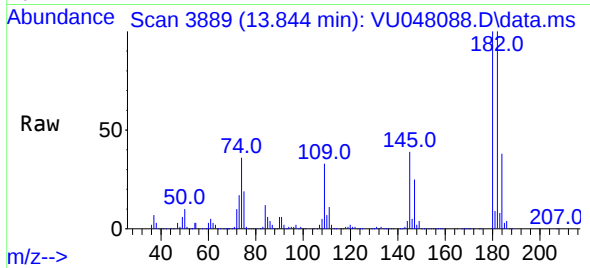
Tgt Ion:180 Resp: 42884
Ion Ratio Lower Upper
180 100
182 97.3 77.0 115.6
184 29.4 24.5 36.7
145 27.0 21.0 31.6





#70
1,2,4-trichlorobenzene
Concen: 3659.723 ug/L m
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53

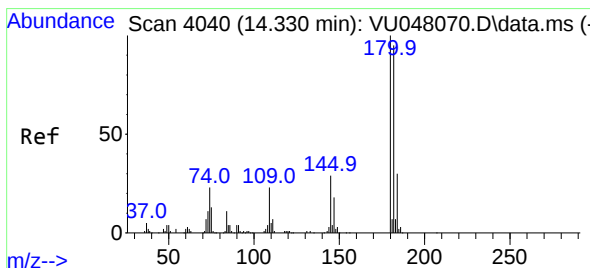
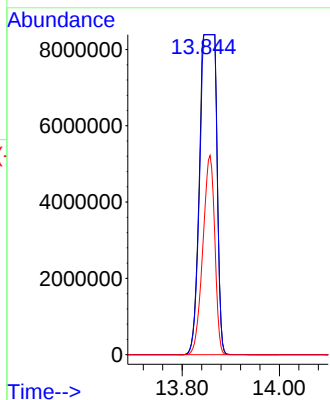
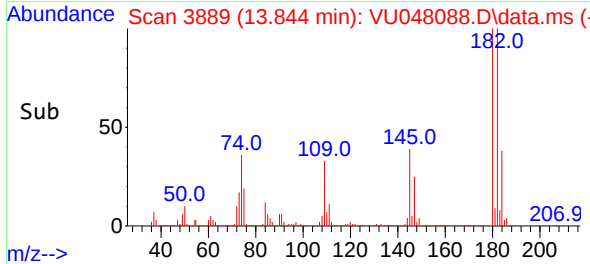
Instrument :
MSVOA_U
ClientSampleId :
C0J47



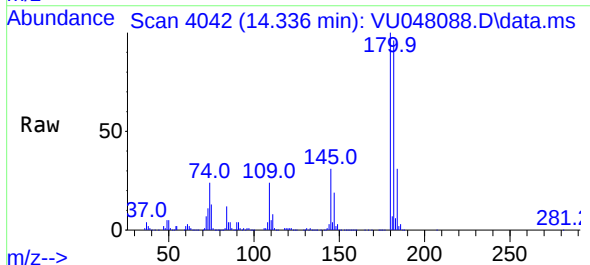
Tgt Ion:180 Resp:2053650
Ion Ratio Lower Upper
180 100
182 0.0 76.2 114.2
145 0.0 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#72
1,2,3-Trichlorobenzene
Concen: 1325.590 ug/L
RT: 14.336 min Scan# 4042
Delta R.T. 0.006 min
Lab File: VU048088.D
Acq: 15 Apr 2022 02:53



Tgt Ion:180 Resp: 7456974
Ion Ratio Lower Upper
180 100
182 95.7 77.4 116.0
145 30.2 22.8 34.2

