

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
 Data File : VU047982.D
 Acq On : 13 Apr 2022 01:33
 Operator : SY/MD
 Sample : N2345-14
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J94

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022

Quant Time: Apr 13 04:52:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
 Quant Title : VOC Analysis
 QLast Update : Wed Apr 13 04:40:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.256	114	395951	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.459	117	352255	50.000	ug/L	0.04
58) 1,4-Dichlorobenzene-d4	11.838	152	299426	50.000	ug/L	# 0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	128466	44.741	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	89.480%		
7) Chloroethane-d5	1.912	69	106516	47.047	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	94.100%		
11) 1,1-Dichloroethene-d2	2.568	63	158173	30.109	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	60.220%		
21) 2-Butanone-d5	4.623	46	206254	83.690	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.690%		
24) Chloroform-d	5.067	84	225973	43.012	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	86.020%		
26) 1,2-Dichloroethane-d4	5.713	65	169684m	52.661	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	105.320%		
32) Benzene-d6	5.771	84	494243	55.760	ug/L	0.04
Spiked Amount 50.000	Range 70 - 125		Recovery =	111.520%		
36) 1,2-Dichloropropane-d6	6.693	67	161364	59.279	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	118.560%		
41) Toluene-d8	7.902	98	465166	53.864	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	107.720%		
43) trans-1,3-Dichloroprop...	8.182	79	66388	48.139	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	96.280%		
47) 2-Hexanone-d5	8.642	63	171366	107.538	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	107.540%		
56) 1,1,2,2-Tetrachloroeth...	10.761	84	275190	58.906	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	117.820%		
66) 1,2-Dichlorobenzene-d4	12.214	152	254893	47.849	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery =	95.700%		
Target Compounds						Qvalue
14) Carbon disulfide	2.797	76	7239	0.843	ug/L	96
16) Methylene chloride	3.047	84	11078	3.554	ug/L	93
20) cis-1,2-Dichloroethene	4.674	96	18342	5.711	ug/L	95
25) Chloroform	5.089	83	68718	12.633	ug/L	98
29) Cyclohexane	5.394	56	35379	9.898	ug/L	95
33) Benzene	5.761	78	63098257m	6188.461	ug/L	
34) Trichloroethene	6.549	95	11356	4.248	ug/L	97
35) Methylcyclohexane	6.767	83	6480	1.593	ug/L	# 72
42) Toluene	7.973	91	79139	7.074	ug/L	98
46) Tetrachloroethene	8.558	164	11480	4.779	ug/L	95
51) Chlorobenzene	9.443	112	63839166m	8404.043	ug/L	
64) 1,3-Dichlorobenzene	11.758	146	6785914	754.447	ug/L	99
65) 1,4-Dichlorobenzene	11.835	146	37958991m	4074.375	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	29520822m	3280.130	ug/L	
70) 1,2,4-trichlorobenzene	13.844	180	5731187	895.725	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	276236	43.066	ug/L	99

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

Instrument :

MSVOA_U

ClientSampleId :

C0J94

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Supervised By :Mahesh Dadoda 04/13/2022

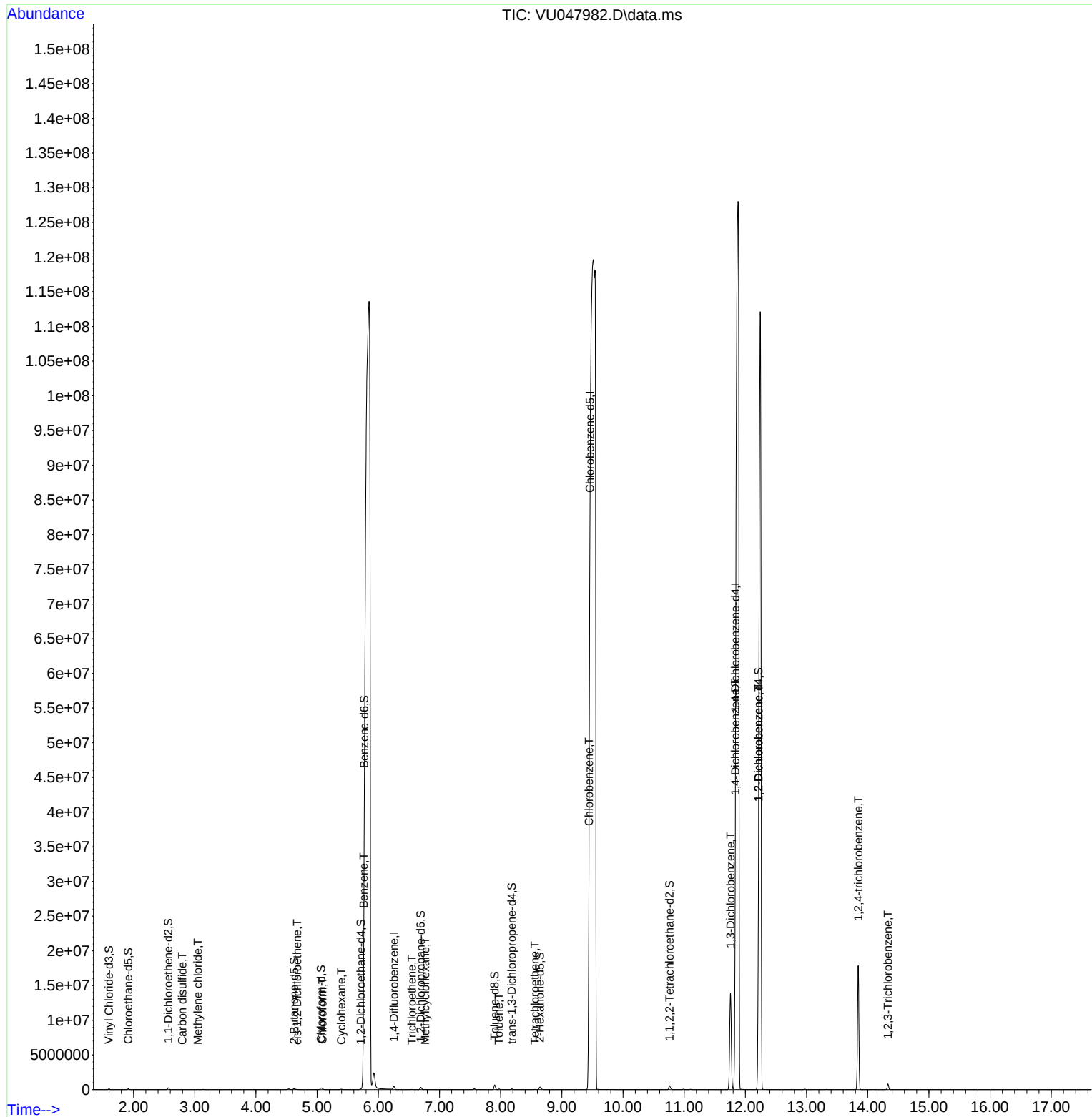
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041222\
Data File : VU047982.D
Acq On : 13 Apr 2022 01:33
Operator : SY/MD
Sample : N2345-14
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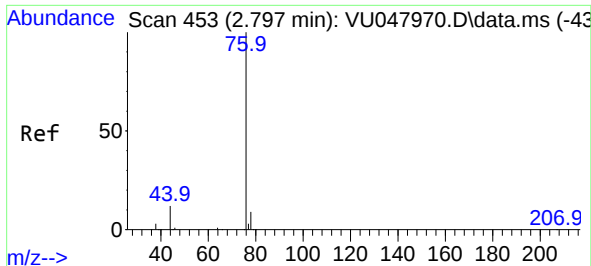
Instrument :
MSVOA_U
ClientSampleId :
C0J94

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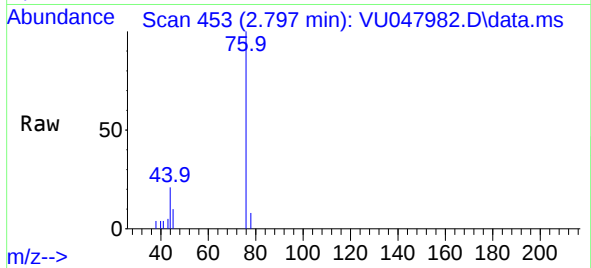
Quant Time: Apr 13 04:52:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM032422WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Apr 13 04:40:51 2022
Response via : Initial Calibration





#14
Carbon disulfide
Concen: 0.843 ug/L
RT: 2.797 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

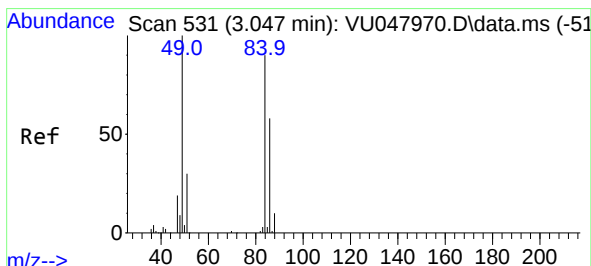
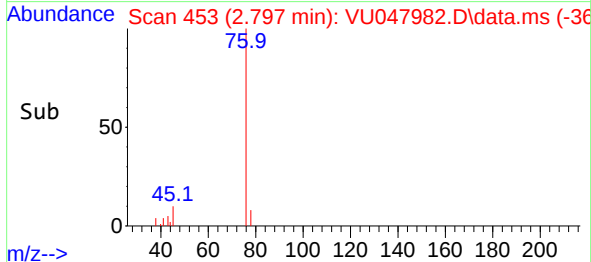
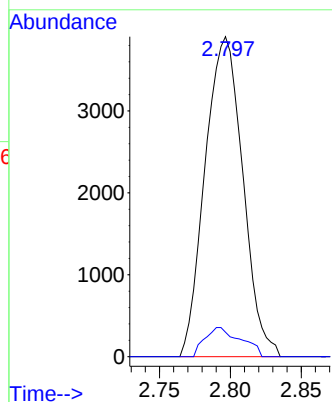
Instrument :
MSVOA_U
ClientSampleId :
C0J94



Tgt Ion: 76 Resp: 7239
Ion Ratio Lower Upper
76 100
78 7.7 7.4 11.0

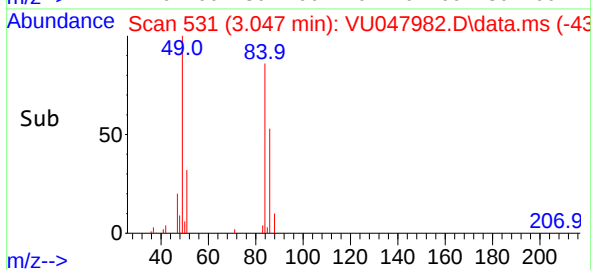
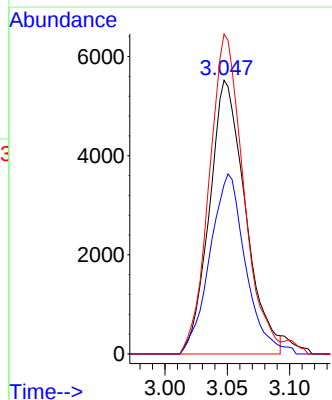
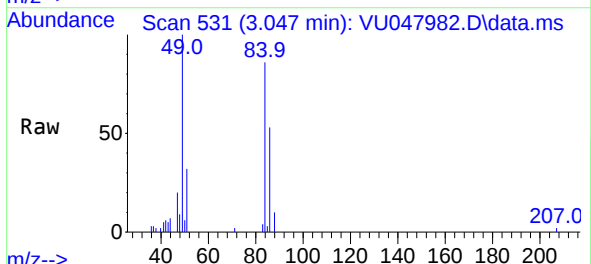
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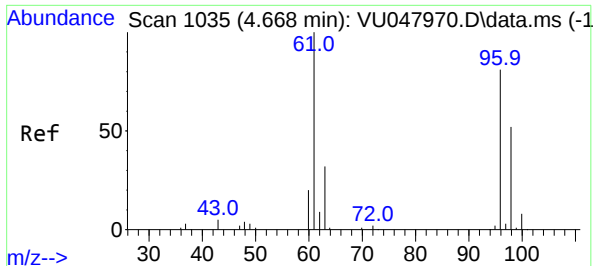
Reviewed By :Krupa Patel 04/13/2022
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#16
Methylene chloride
Concen: 3.554 ug/L
RT: 3.047 min Scan# 531
Delta R.T. -0.000 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

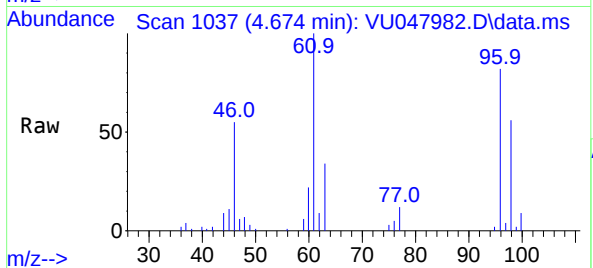
Tgt Ion: 84 Resp: 11078
Ion Ratio Lower Upper
84 100
86 61.8 46.0 85.4
49 116.9 75.3 139.8





cis-1,2-Dichloroethene
 Concen: 5.711 ug/L
 RT: 4.674 min Scan# 1037
 Delta R.T. 0.006 min
 Lab File: VU047982.D
 Acq: 13 Apr 2022 01:33

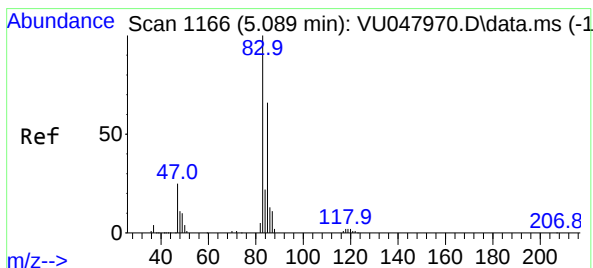
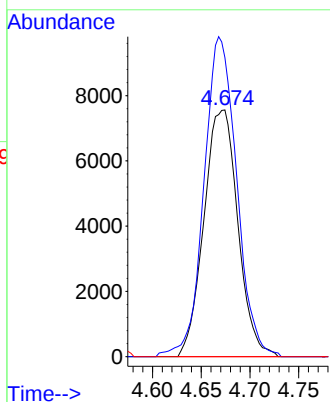
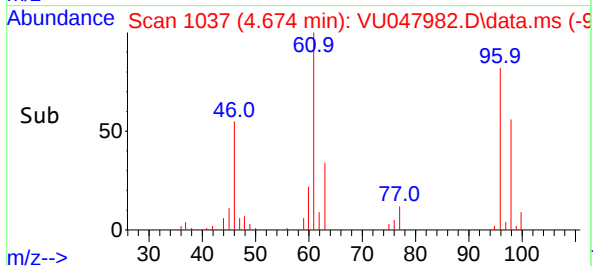
Instrument : MSVOA_U
 ClientSampleId : C0J94



Tgt Ion: 96 Resp: 1834
 Ion Ratio Lower Upper
 96 100
 61 121.2 80.7 149.9
 68 0.0 0.0 0.0

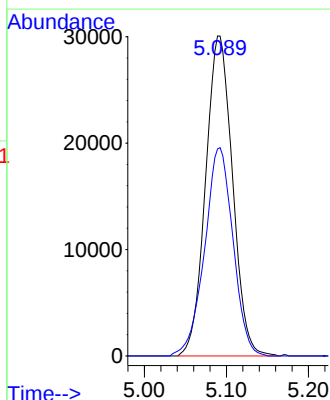
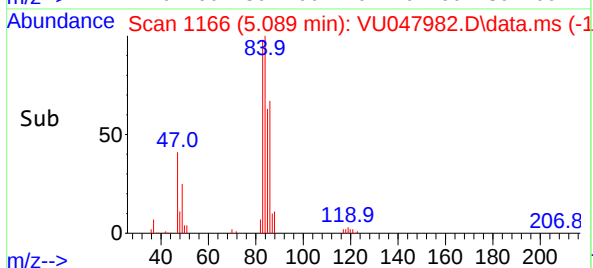
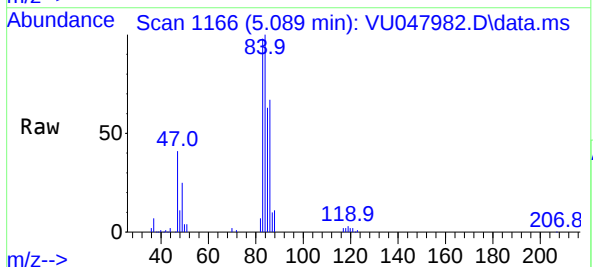
Manual Integrations
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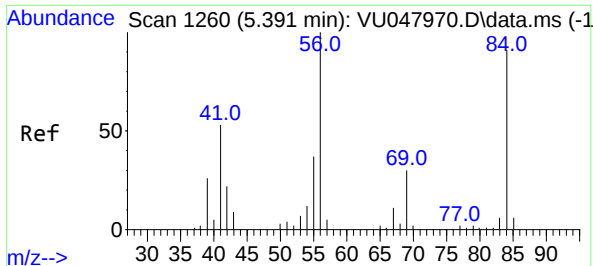
Reviewed By :Krupa Patel 04/13/2022
 Supervised By :Mahesh Dadoda 04/13/2022



Chloroform
 Concen: 12.633 ug/L
 RT: 5.089 min Scan# 1166
 Delta R.T. -0.000 min
 Lab File: VU047982.D
 Acq: 13 Apr 2022 01:33

Tgt Ion: 83 Resp: 68718
 Ion Ratio Lower Upper
 83 100
 85 64.7 46.2 85.8





#29

Cyclohexane

Concen: 9.898 ug/L

RT: 5.394 min Scan# 1375

Delta R.T. 0.003 min

Lab File: VU047982.D

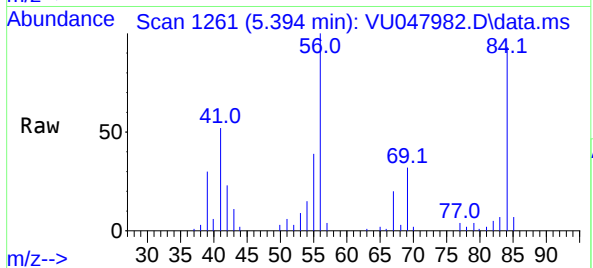
Acq: 13 Apr 2022 01:33

Instrument :

MSVOA_U

ClientSampleId :

C0J94



Tgt Ion: 56 Resp: 35379

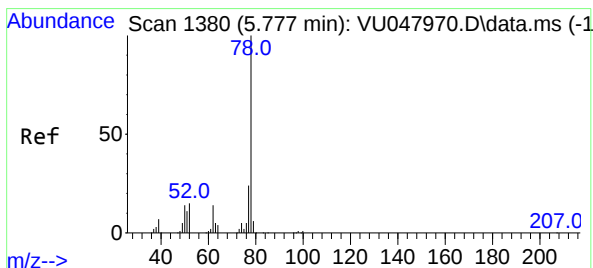
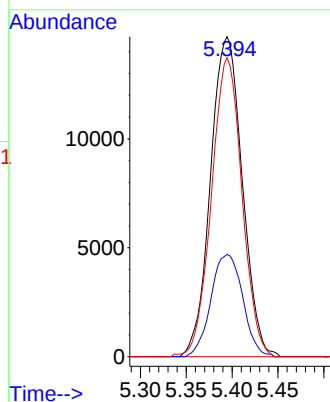
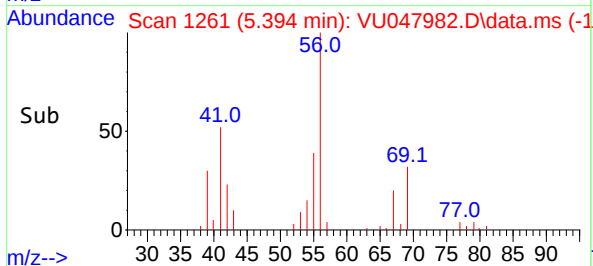
Ion	Ratio	Lower	Upper
56	100		
69	31.9	25.4	38.2
84	89.4	77.0	115.6

Manual Integrations

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Reviewed By :Krupa Patel 04/13/2022

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#33

Benzene

Concen: 6188.461 ug/L m

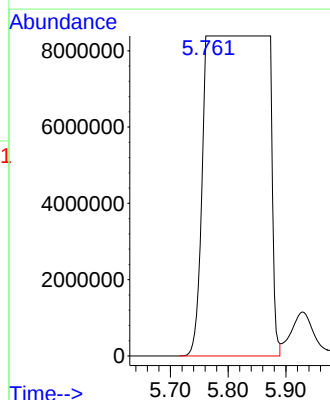
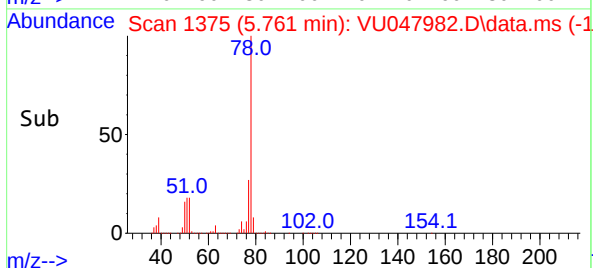
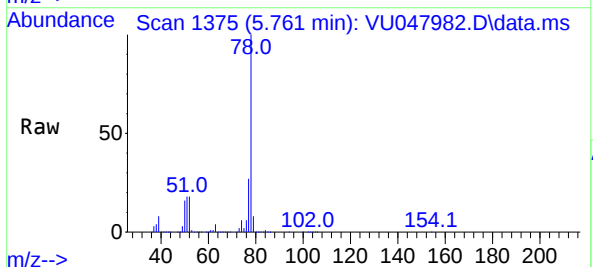
RT: 5.761 min Scan# 1375

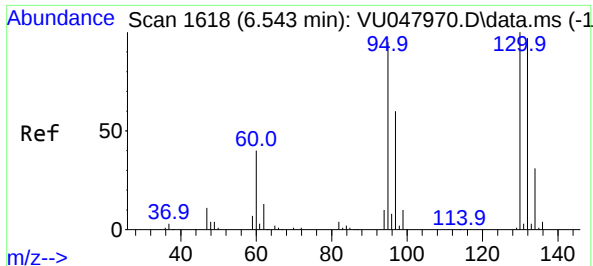
Delta R.T. -0.016 min

Lab File: VU047982.D

Acq: 13 Apr 2022 01:33

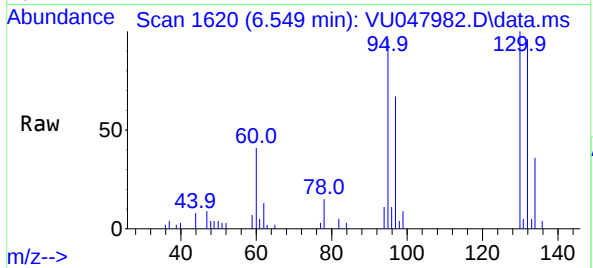
Tgt Ion: 78 Resp:63098257





#34
Trichloroethene
Concen: 4.248 ug/L
RT: 6.549 min Scan# 1135
Delta R.T. 0.006 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

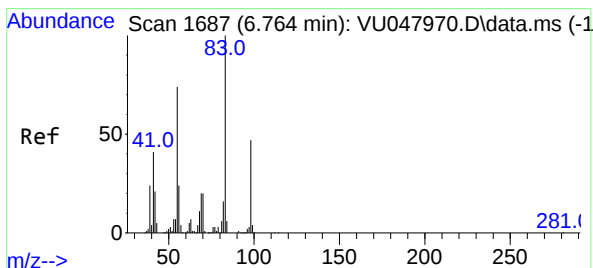
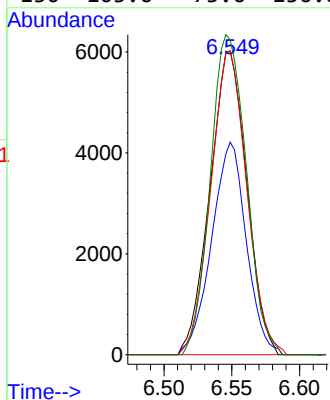
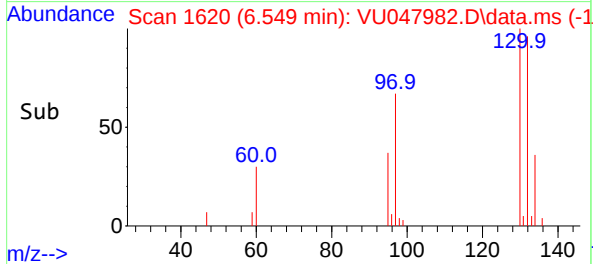
Instrument :
MSVOA_U
ClientSampleId :
C0J94



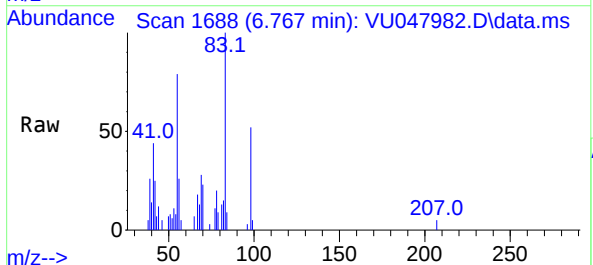
Tgt Ion: 95 Resp: 1135
Ion Ratio Lower Upper
95 100
97 69.9 44.7 82.9
132 100.0 70.4 130.8
130 103.6 73.6 136.8

Manual Integrations
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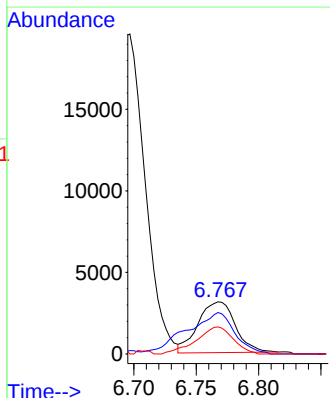
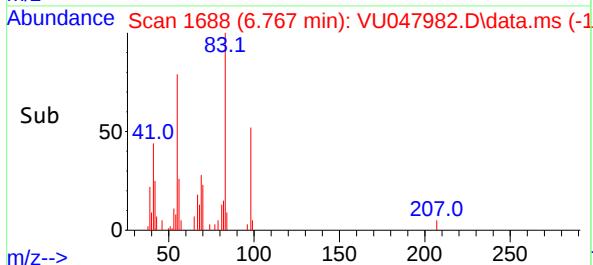
Reviewed By :Krupa Patel 04/13/2022
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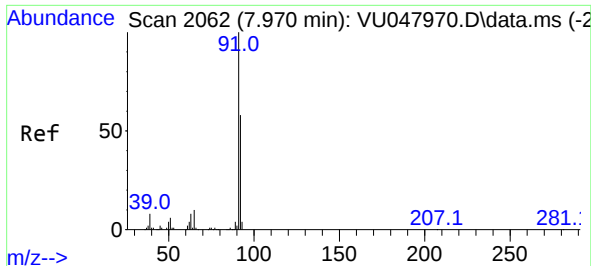


#35
Methylcyclohexane
Concen: 1.593 ug/L
RT: 6.767 min Scan# 1688
Delta R.T. 0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33



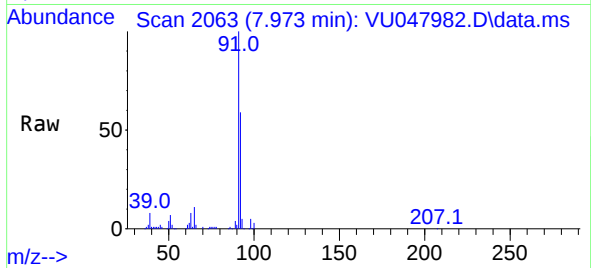
Tgt Ion: 83 Resp: 6480
Ion Ratio Lower Upper
83 100
55 105.3 56.8 85.2#
98 52.6 38.1 57.1





#42
Toluene
Concen: 7.074 ug/L
RT: 7.973 min Scan# 2062
Delta R.T. 0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

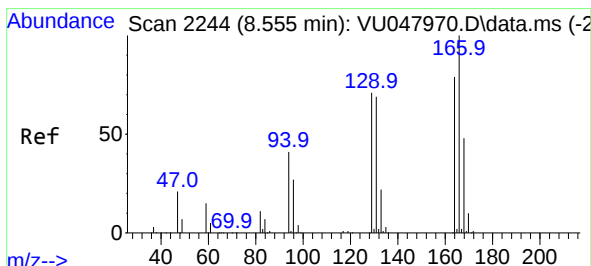
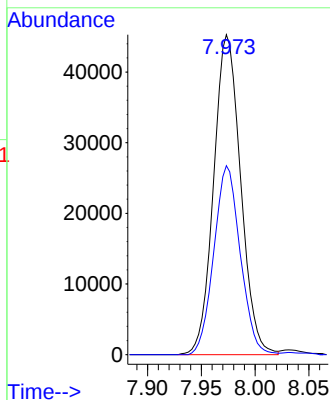
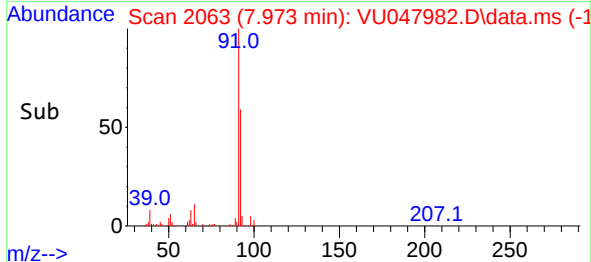
Instrument :
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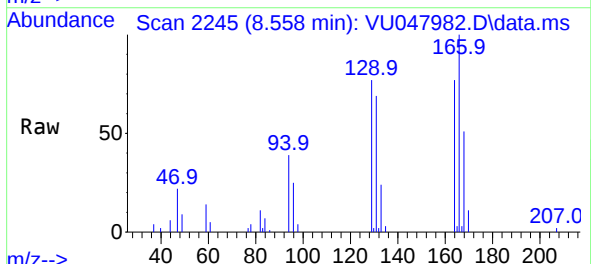
Tgt Ion: 91 Resp: 79139
Ion Ratio Lower Upper
91 100
92 59.1 40.4 75.0

Manual Integrations
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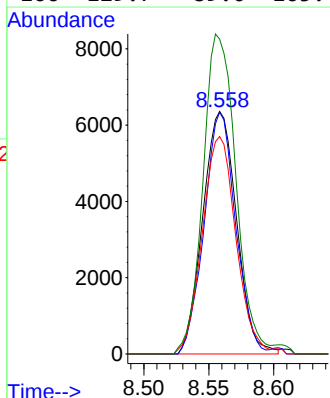
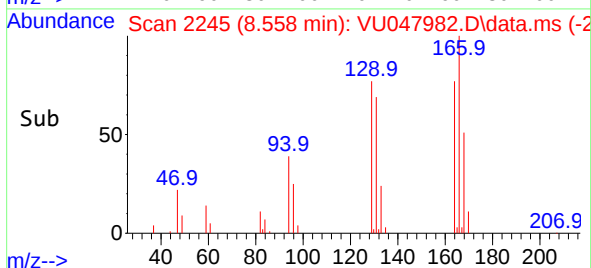
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

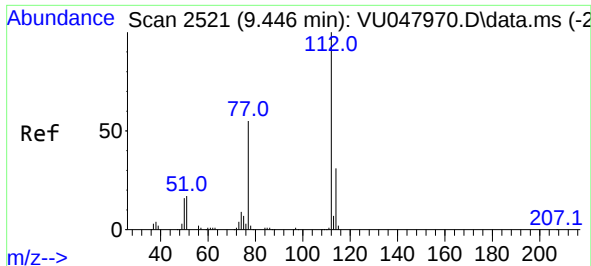


#46
Tetrachloroethene
Concen: 4.779 ug/L
RT: 8.558 min Scan# 2245
Delta R.T. 0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33



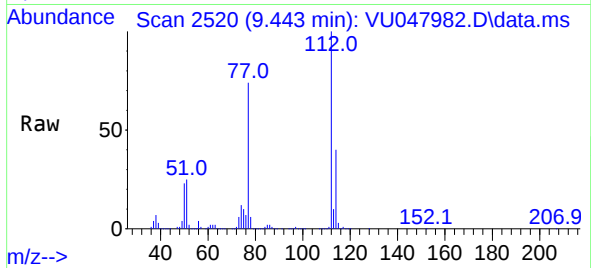
Tgt Ion:164 Resp: 11480
Ion Ratio Lower Upper
164 100
129 99.7 62.4 116.0
131 89.7 60.7 112.7
166 129.7 89.0 165.4





#51
Chlorobenzene
Concen: 8404.043 ug/L m
RT: 9.443 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

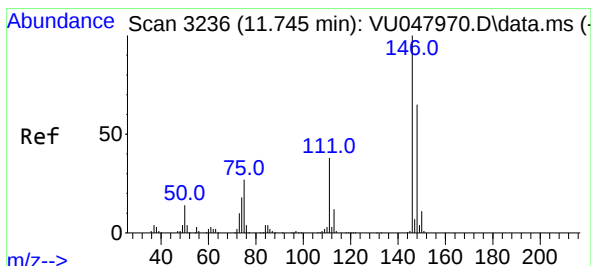
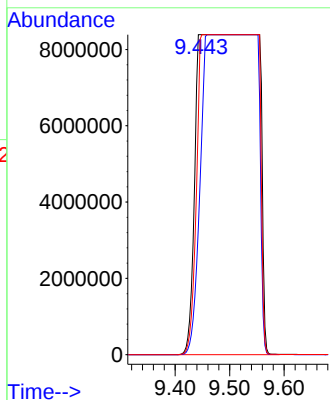
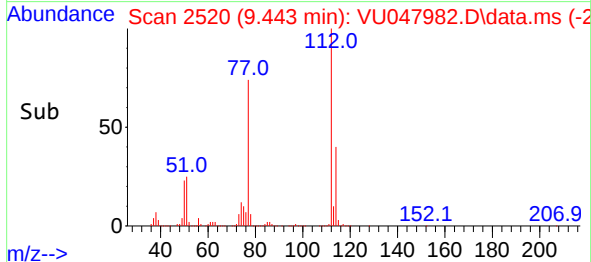
Instrument :
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C0J94



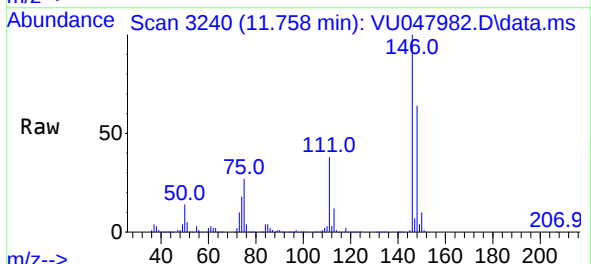
Tgt Ion:112 Resp:6383916
Ion Ratio Lower Upper
112 100
114 39.9 22.1 41.1
77 74.0 43.4 65.0

Manual Integrations
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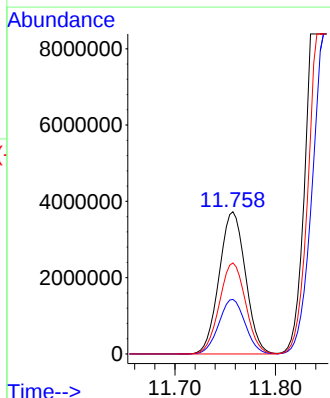
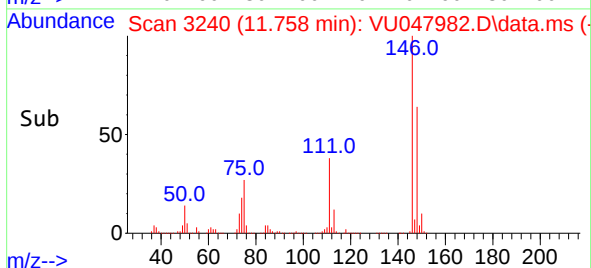
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

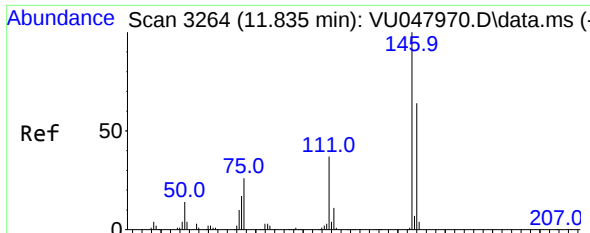


#64
1,3-Dichlorobenzene
Concen: 754.447 ug/L
RT: 11.758 min Scan# 3240
Delta R.T. 0.013 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33



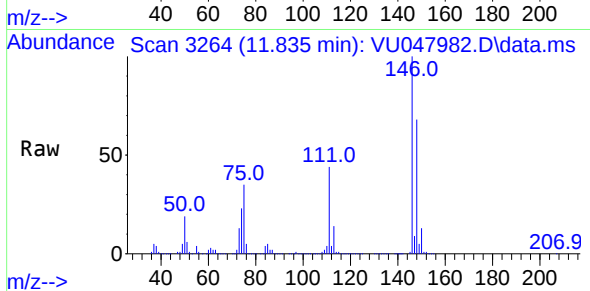
Tgt Ion:146 Resp: 6785914
Ion Ratio Lower Upper
146 100
111 38.4 26.7 49.7
148 64.0 44.4 82.5





#65
1,4-Dichlorobenzene
Concen: 4074.375 ug/L m
RT: 11.835 min Scan# 31
Delta R.T. -0.000 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

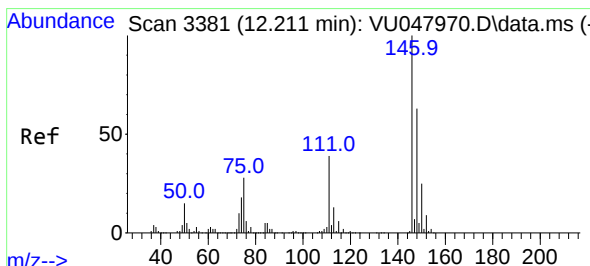
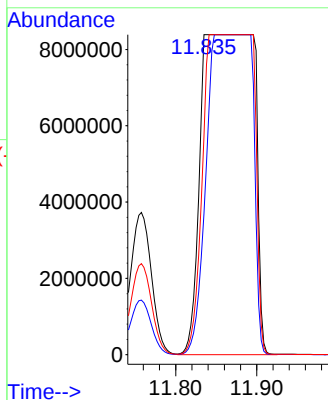
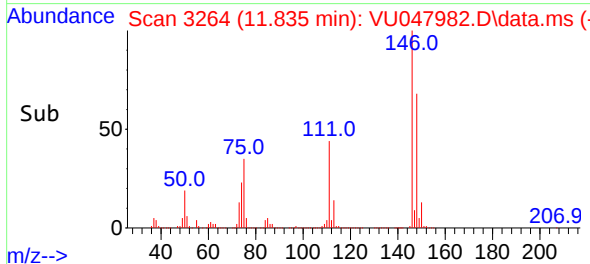
Instrument :
MSVOA_U
ClientSampleId :
C0J94



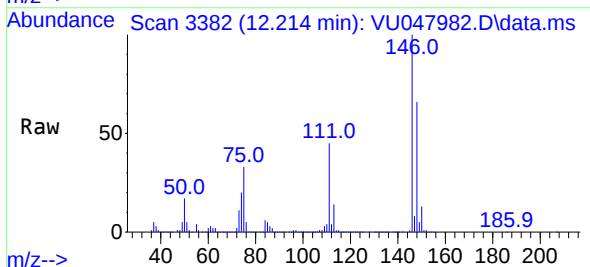
Tgt Ion:146 Resp:3795899
Ion Ratio Lower Upper
146 100
111 44.0 25.3 47.1
148 68.2 44.5 82.7

Manual Integrations
APPROVED

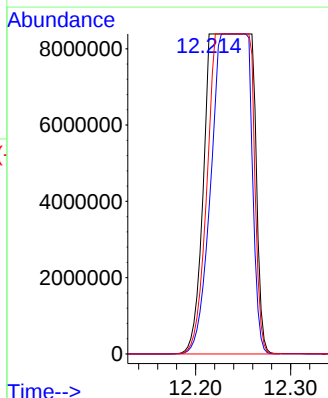
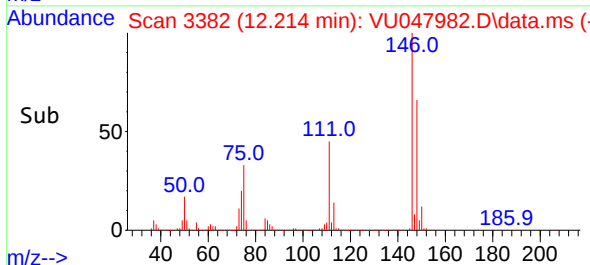
Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022

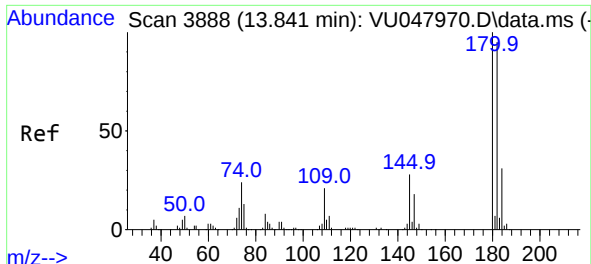


#67
1,2-Dichlorobenzene
Concen: 3280.130 ug/L m
RT: 12.214 min Scan# 3382
Delta R.T. 0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33



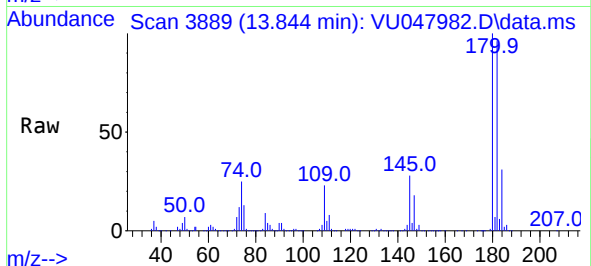
Tgt Ion:146 Resp:29520822
Ion Ratio Lower Upper
146 100
111 45.4 31.7 47.5
148 66.1 51.4 77.2





#70
1,2,4-trichlorobenzene
Concen: 895.725 ug/L
RT: 13.844 min Scan# 3888
Delta R.T. 0.003 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33

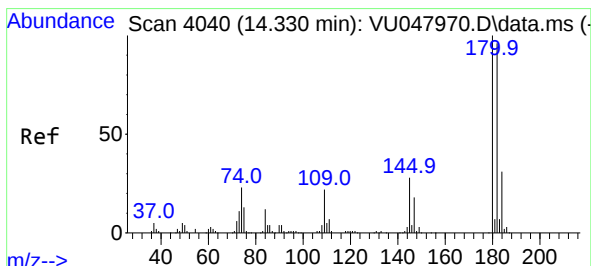
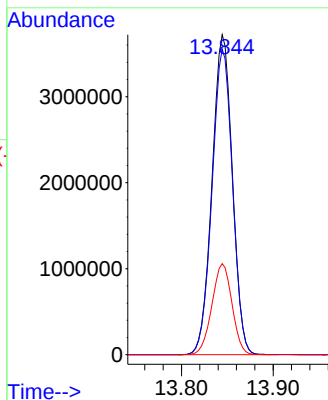
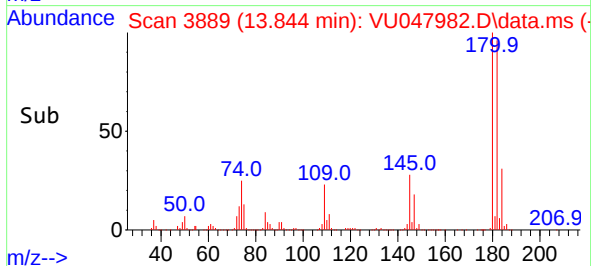
Instrument :
MSVOA_U
ClientSampleId :
C0J94



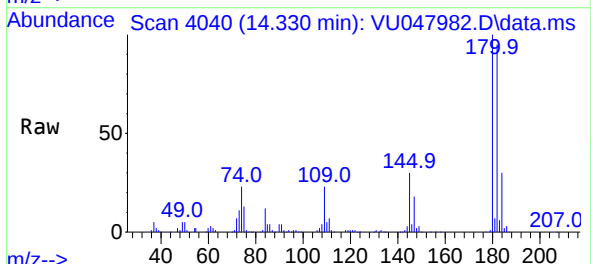
Tgt Ion:180 Resp: 573118
Ion Ratio Lower Upper
180 100
182 96.0 76.2 114.2
145 28.1 21.8 32.8

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 04/13/2022
Supervised By :Mahesh Dadoda 04/13/2022



#72
1,2,3-Trichlorobenzene
Concen: 43.066 ug/L
RT: 14.330 min Scan# 4040
Delta R.T. -0.000 min
Lab File: VU047982.D
Acq: 13 Apr 2022 01:33



Tgt Ion:180 Resp: 276236
Ion Ratio Lower Upper
180 100
182 95.6 77.4 116.0
145 29.3 22.8 34.2

