

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
 Data File : VU048091.D
 Acq On : 15 Apr 2022 04:02
 Operator : SY/MD
 Sample : N2419-07
 Misc : 5.0mL/MSVOA_U/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54

Manual Integrations
 APPROVED

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

Quant Time: Apr 15 05:30:51 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	6.253	114	347520	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.449	117	365548	50.000	ug/L	0.03
58) 1,4-Dichlorobenzene-d4	11.825	152	254253	50.000	ug/L	# 0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	79301	31.467	ug/L	0.00
Spiked Amount 50.000	Range 60	- 135	Recovery	=	62.940%	
7) Chloroethane-d5	1.915	69	79079	39.796	ug/L	0.00
Spiked Amount 50.000	Range 70	- 130	Recovery	=	79.600%	
11) 1,1-Dichloroethene-d2	2.568	63	110864	24.045	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	48.080%#	
21) 2-Butanone-d5	4.620	46	204227	94.416	ug/L	0.00
Spiked Amount 100.000	Range 40	- 130	Recovery	=	94.420%	
24) Chloroform-d	5.066	84	214004	46.411	ug/L	0.00
Spiked Amount 50.000	Range 70	- 125	Recovery	=	92.820%	
26) 1,2-Dichloroethane-d4	5.716	65	133210	47.103	ug/L	0.01
Spiked Amount 50.000	Range 70	- 125	Recovery	=	94.200%	
32) Benzene-d6	5.751	84	385899	41.954	ug/L	0.02
Spiked Amount 50.000	Range 70	- 125	Recovery	=	83.900%	
36) 1,2-Dichloropropane-d6	6.693	67	124544	44.089	ug/L	0.00
Spiked Amount 50.000	Range 70	- 120	Recovery	=	88.180%	
41) Toluene-d8	7.899	98	345862	38.593	ug/L	0.00
Spiked Amount 50.000	Range 80	- 120	Recovery	=	77.180%#	
43) trans-1,3-Dichloroprop...	8.182	79	54368	37.990	ug/L	0.00
Spiked Amount 50.000	Range 60	- 125	Recovery	=	75.980%	
47) 2-Hexanone-d5	8.639	63	156645	94.726	ug/L	0.00
Spiked Amount 100.000	Range 45	- 130	Recovery	=	94.730%	
56) 1,1,2,2-Tetrachloroeth...	10.758	84	228290	47.090	ug/L	0.00
Spiked Amount 50.000	Range 65	- 120	Recovery	=	94.180%	
66) 1,2-Dichlorobenzene-d4	12.208	152	194128m	42.916	ug/L	0.01
Spiked Amount 50.000	Range 80	- 120	Recovery	=	85.840%	
Target Compounds	Qvalue					
13) Acetone	2.626	43	22796	11.325	ug/L	94
14) Carbon disulfide	2.796	76	19137	2.540	ug/L	97
16) Methylene chloride	3.047	84	6082	2.223	ug/L	95
25) Chloroform	5.089	83	555497	116.353	ug/L	99
29) Cyclohexane	5.394	56	18793	5.066	ug/L	97
33) Benzene	5.761	78	53841862m	5088.597	ug/L	
35) Methylcyclohexane	6.764	83	4586	1.087	ug/L	# 59
42) Toluene	7.973	91	24506	2.111	ug/L	99
46) Tetrachloroethene	8.555	164	5788	2.322	ug/L	93
51) Chlorobenzene	9.443	112	45571328m	5781.034	ug/L	
64) 1,3-Dichlorobenzene	11.751	146	2222603	291.009	ug/L	100
65) 1,4-Dichlorobenzene	11.835	146	26655259m	3369.401	ug/L	
67) 1,2-Dichlorobenzene	12.214	146	22980604m	3007.097	ug/L	
70) 1,2,4-trichlorobenzene	13.841	180	2527246	465.159	ug/L	99
72) 1,2,3-Trichlorobenzene	14.330	180	291464	53.514	ug/L	99

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

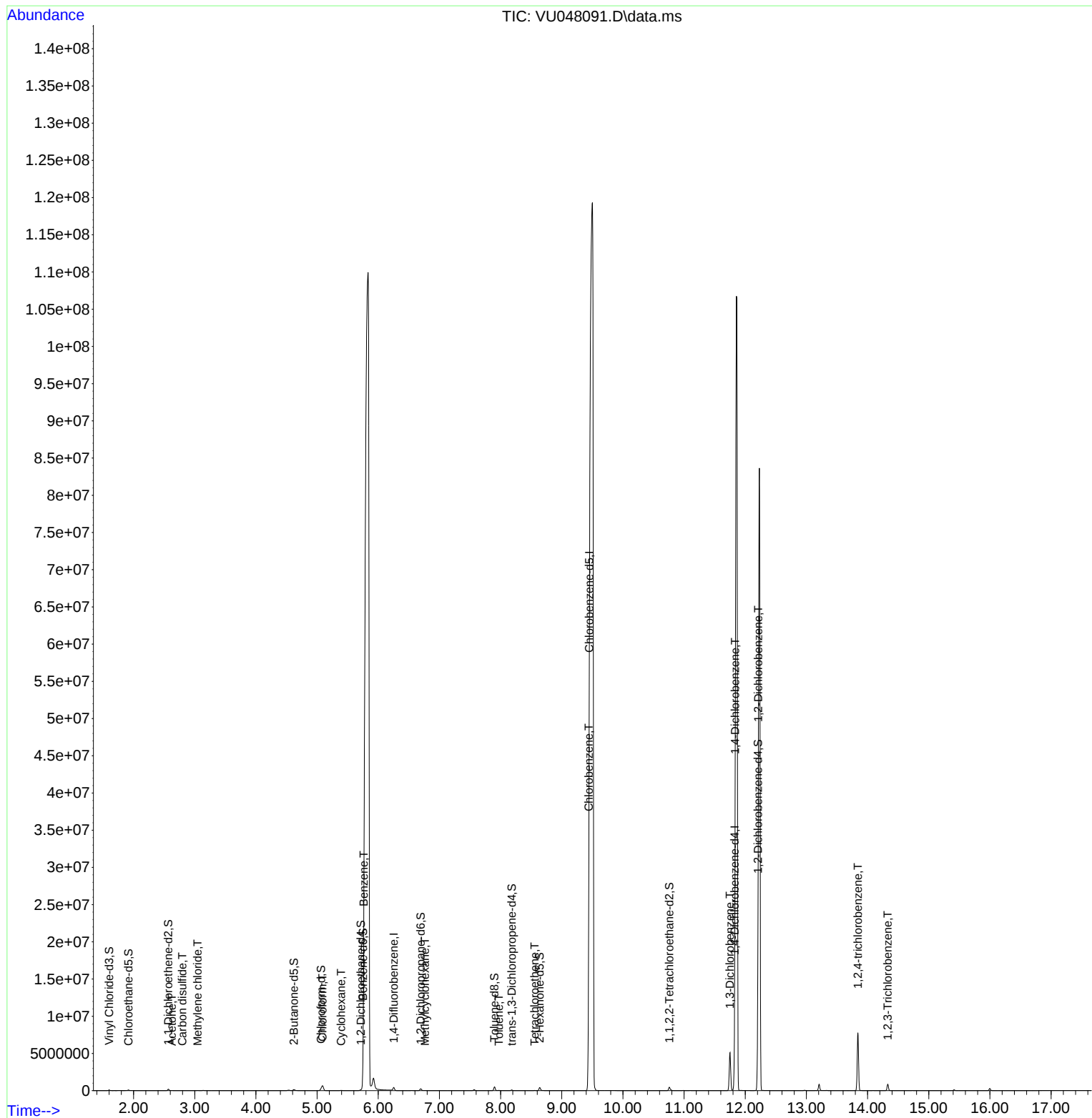
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU041422\
Data File : VU048091.D
Acq On : 15 Apr 2022 04:02
Operator : SY/MD
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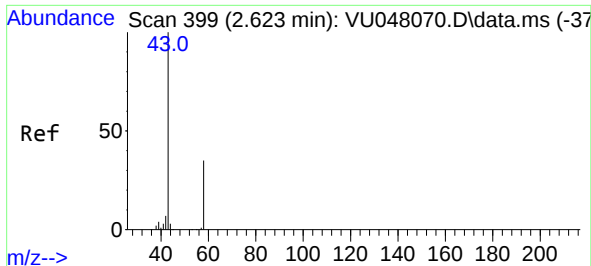
Instrument :
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ClientSampleId :
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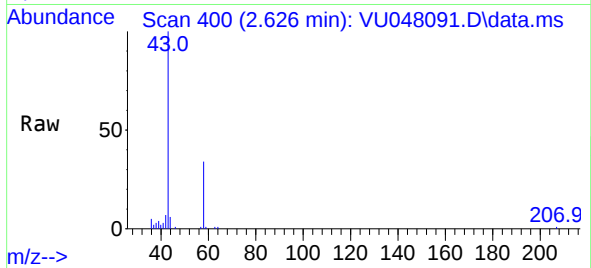
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Quant Title : VOC Analysis
QLast Update : Fri Apr 15 05:02:53 2022
Response via : Initial Calibration





#13
Acetone
Concen: 11.325 ug/L
RT: 2.626 min Scan# 400
Delta R.T. 0.003 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

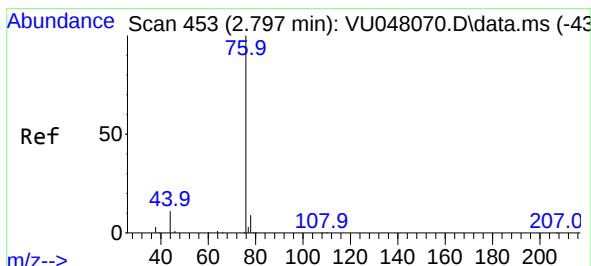
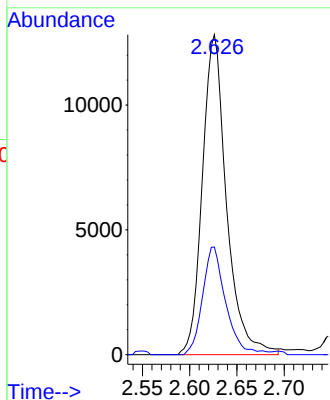
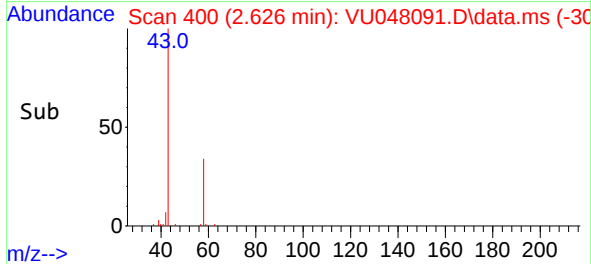
Instrument :
MSVOA_U
ClientSampleId :
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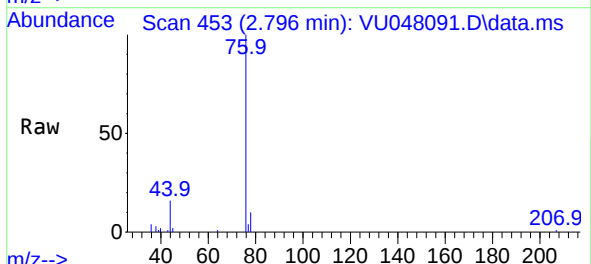
Tgt Ion: 43 Resp: 22790
Ion Ratio Lower Upper
43 100
58 31.4 0.0 70.0

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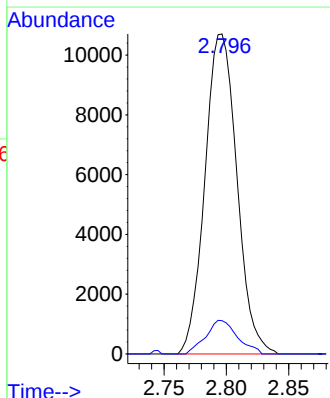
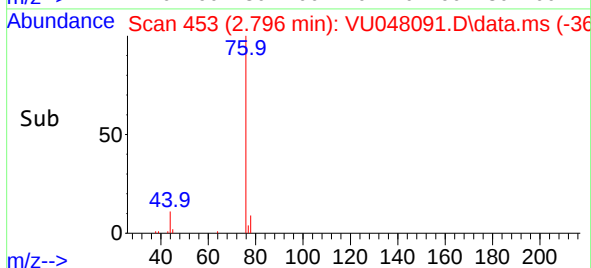
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022

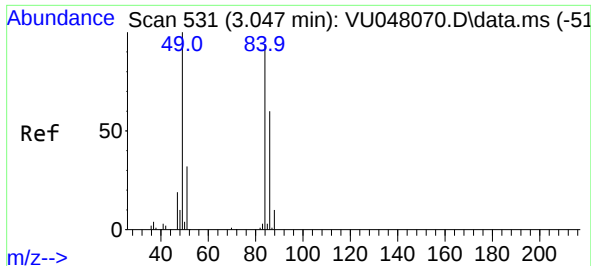


#14
Carbon disulfide
Concen: 2.540 ug/L
RT: 2.796 min Scan# 453
Delta R.T. -0.000 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02



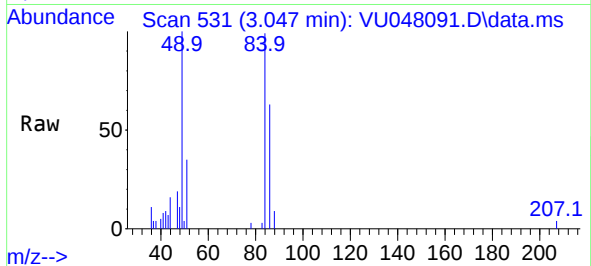
Tgt Ion: 76 Resp: 19137
Ion Ratio Lower Upper
76 100
78 10.4 7.4 11.0





#16
Methylene chloride
Concen: 2.223 ug/L
RT: 3.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

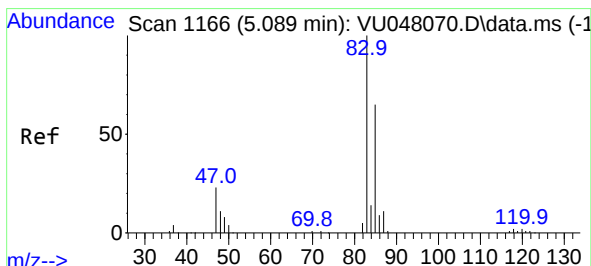
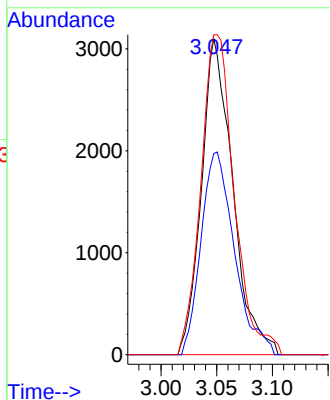
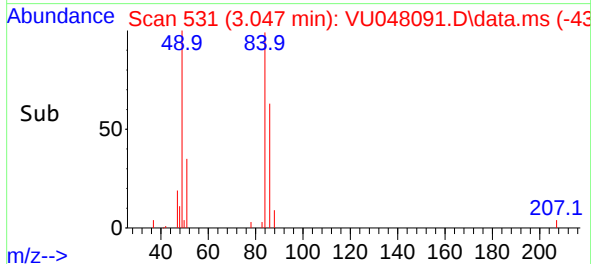
Instrument :
MSVOA_U
ClientSampleId :
C0J54



Tgt Ion: 84 Resp: 608
Ion Ratio Lower Upper
84 100
86 63.6 46.0 85.4
49 101.3 75.3 139.8

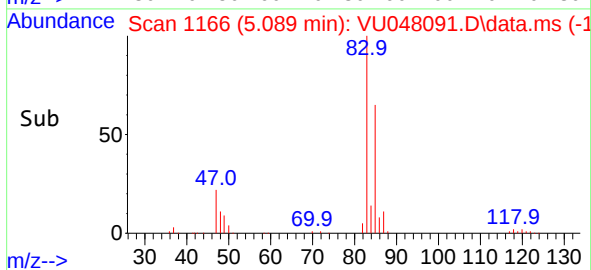
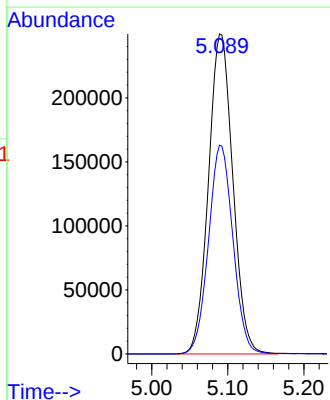
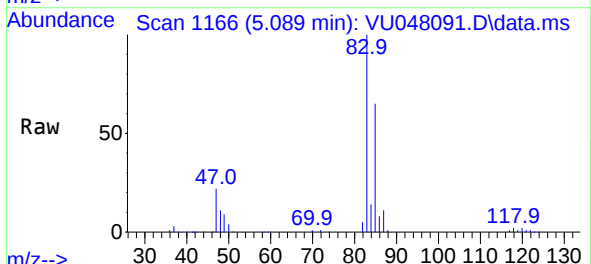
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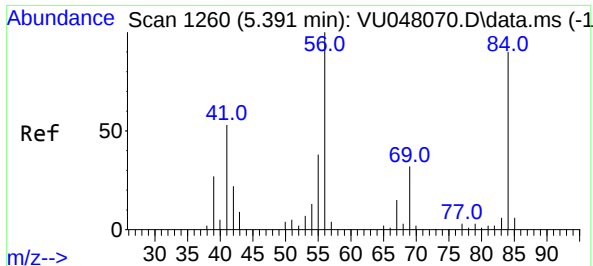
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#25
Chloroform
Concen: 116.353 ug/L
RT: 5.089 min Scan# 1166
Delta R.T. -0.000 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

Tgt Ion: 83 Resp: 555497
Ion Ratio Lower Upper
83 100
85 65.2 46.2 85.8





#29

Cyclohexane

Concen: 5.066 ug/L

RT: 5.394 min Scan# 11

Delta R.T. 0.003 min

Lab File: VU048091.D

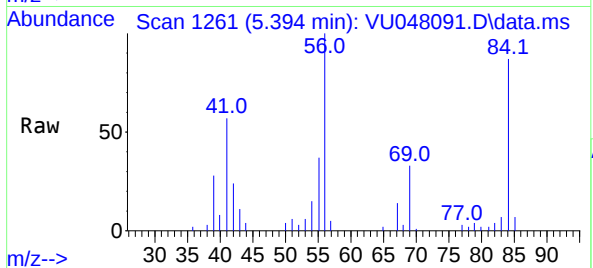
Acq: 15 Apr 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0J54



Tgt Ion: 56 Resp: 1879

Ion Ratio Lower Upper

56 100

69 32.7 25.4 38.2

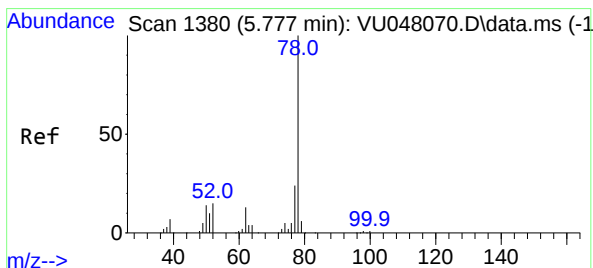
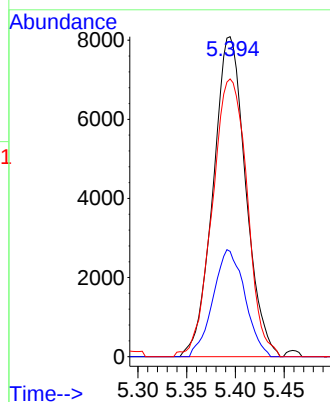
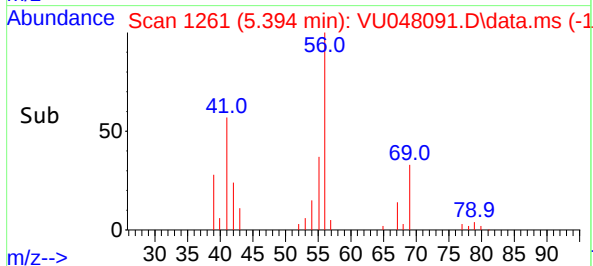
84 92.5 77.0 115.6

Manual Integrations

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Reviewed By :Krupa Patel 04/15/2022

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#33

Benzene

Concen: 5088.597 ug/L m

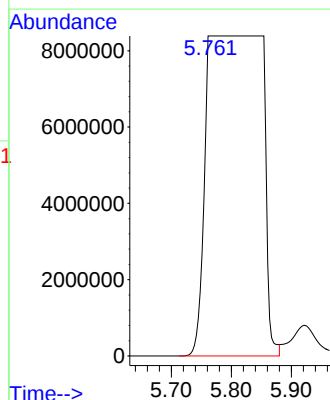
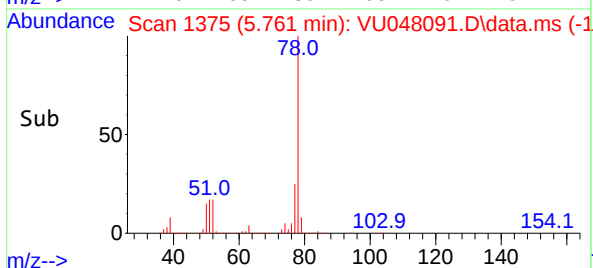
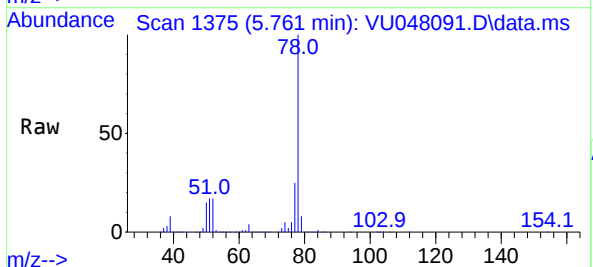
RT: 5.761 min Scan# 1375

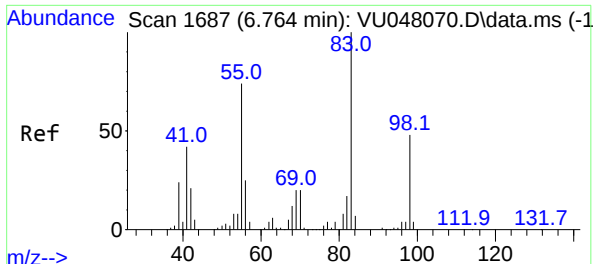
Delta R.T. -0.016 min

Lab File: VU048091.D

Acq: 15 Apr 2022 04:02

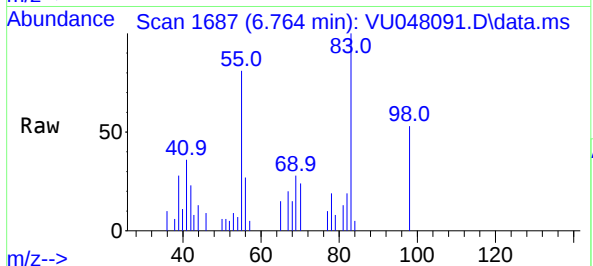
Tgt Ion: 78 Resp:53841862





#35
Methylcyclohexane
Concen: 1.087 ug/L
RT: 6.764 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

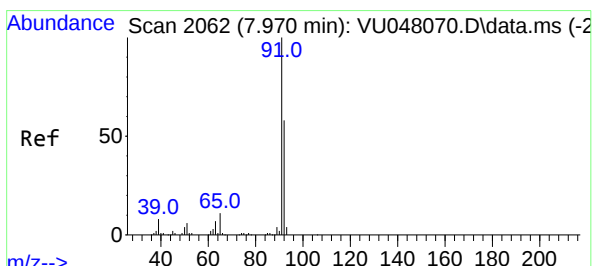
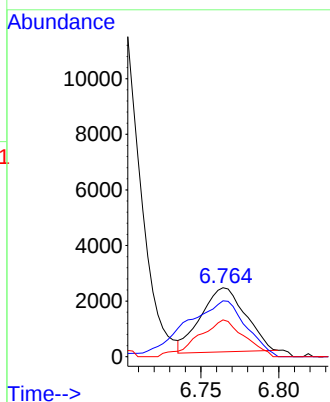
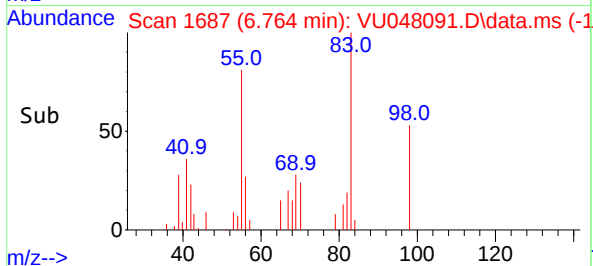
Instrument :
MSVOA_U
ClientSampleId :
C0J54



Tgt Ion: 83 Resp: 4580
Ion Ratio Lower Upper
83 100
55 118.7 56.8 85.2
98 59.0 38.1 57.1

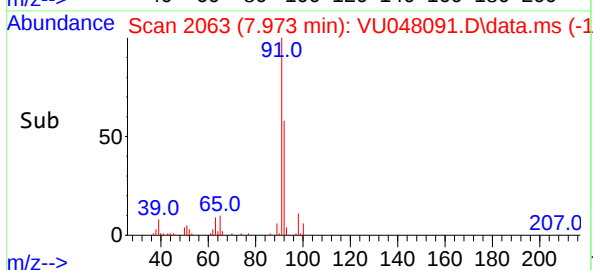
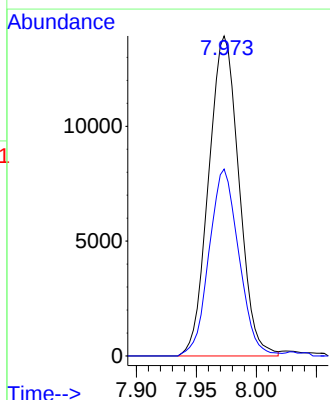
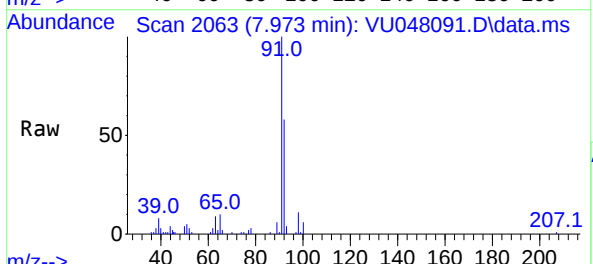
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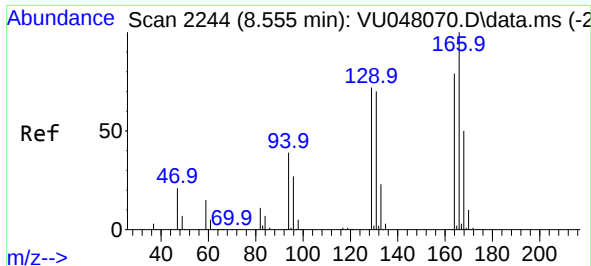
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#42
Toluene
Concen: 2.111 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. 0.003 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

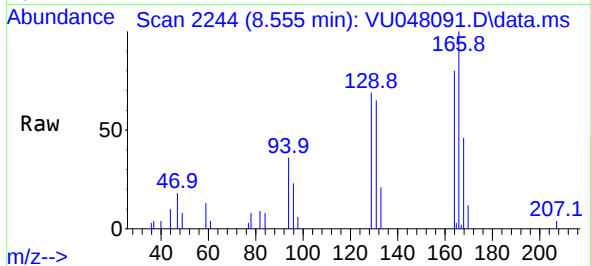
Tgt Ion: 91 Resp: 24506
Ion Ratio Lower Upper
91 100
92 58.4 40.4 75.0





#46
Tetrachloroethene
Concen: 2.322 ug/L
RT: 8.555 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

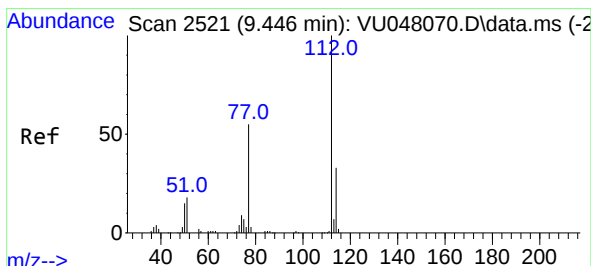
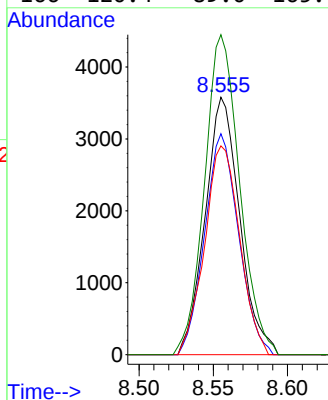
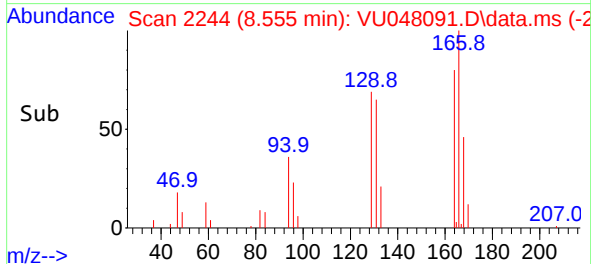
Instrument :
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ClientSampleId :
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Tgt Ion:164 Resp: 578
Ion Ratio Lower Upper
164 100
129 83.1 62.4 116.0
131 78.6 60.7 112.7
166 120.4 89.0 165.4

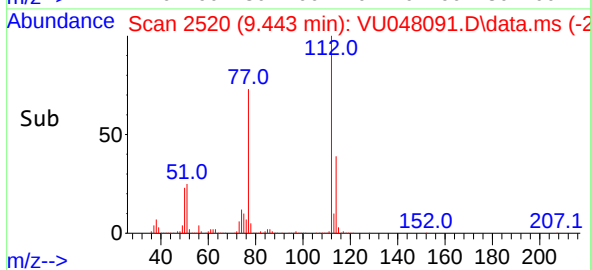
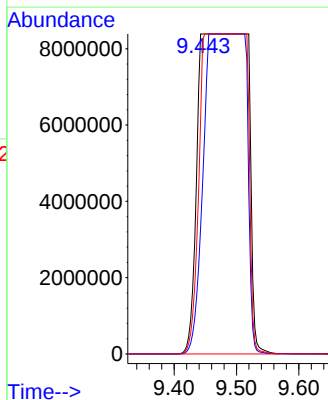
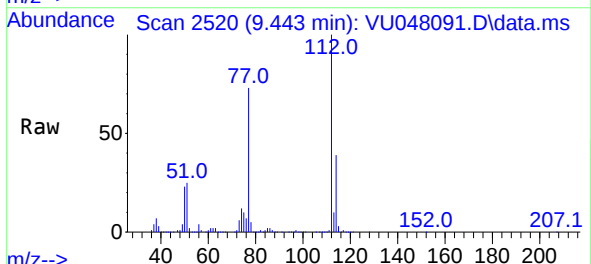
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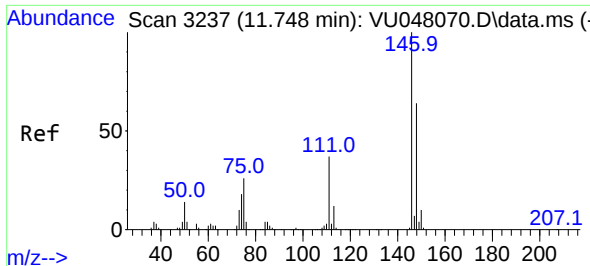
Reviewed By :Krupa Patel 04/15/2022
Supervised By :Mahesh Dadoda 04/19/2022



#51
Chlorobenzene
Concen: 5781.034 ug/L m
RT: 9.443 min Scan# 2520
Delta R.T. -0.003 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

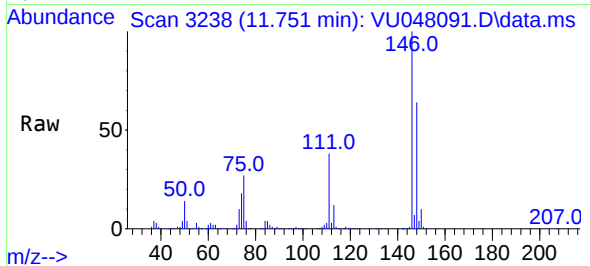
Tgt Ion:112 Resp:45571328
Ion Ratio Lower Upper
112 100
114 39.4 22.1 41.1
77 73.0 43.4 65.0#





#64
1,3-Dichlorobenzene
Concen: 291.009 ug/L
RT: 11.751 min Scan# 31
Delta R.T. 0.003 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02

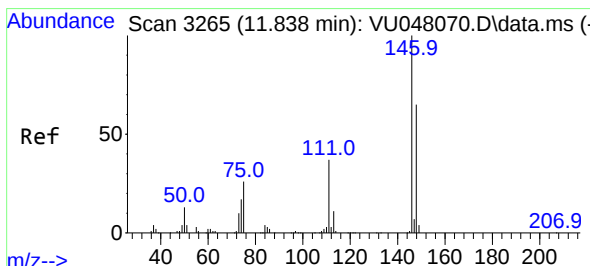
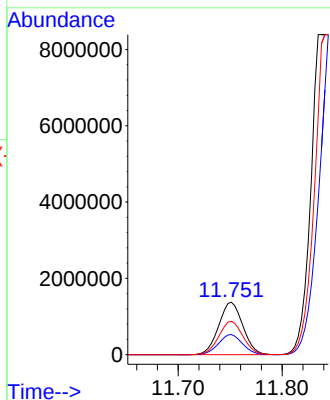
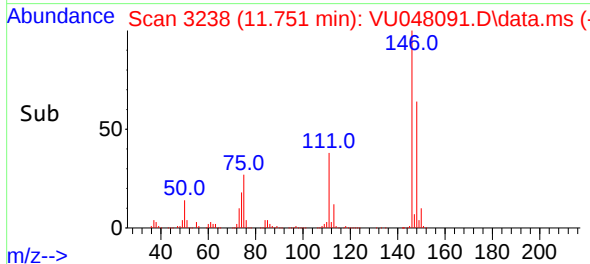
Instrument :
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C0J54



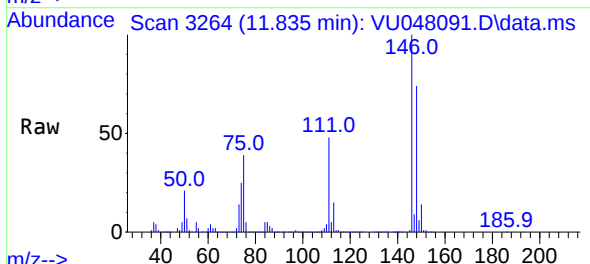
Tgt Ion:146 Resp: 222260
Ion Ratio Lower Upper
146 100
111 38.3 26.7 49.7
148 63.8 44.4 82.5

Manual Integrations
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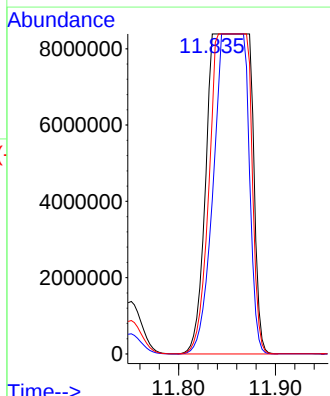
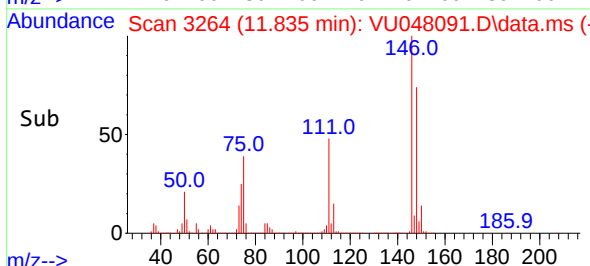
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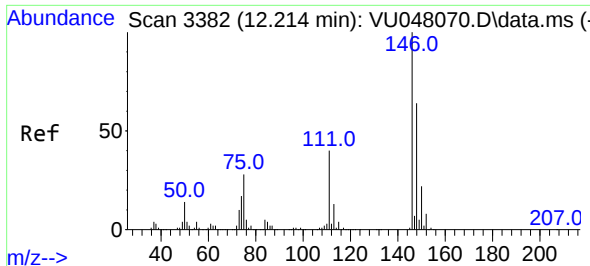


#65
1,4-Dichlorobenzene
Concen: 3369.401 ug/L m
RT: 11.835 min Scan# 3264
Delta R.T. -0.003 min
Lab File: VU048091.D
Acq: 15 Apr 2022 04:02



Tgt Ion:146 Resp:26655259
Ion Ratio Lower Upper
146 100
111 48.2 25.3 47.1#
148 74.4 44.5 82.7





#67

1,2-Dichlorobenzene

Concen: 3007.097 ug/L m

RT: 12.214 min Scan# 3382

Delta R.T. -0.000 min

Lab File: VU048091.D

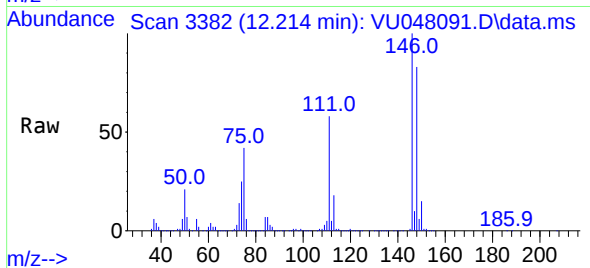
Acq: 15 Apr 2022 04:02

Instrument :

MSVOA_U

ClientSampleId :

C0J54



Tgt Ion:146 Resp:22980604

Ion Ratio Lower Upper

146 100

111 57.6 31.7 47.5

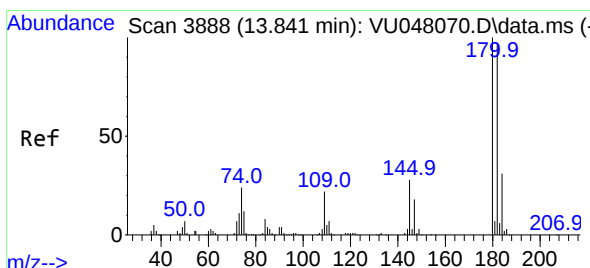
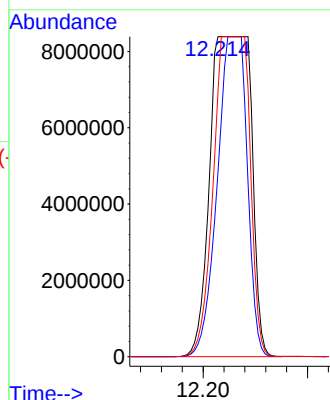
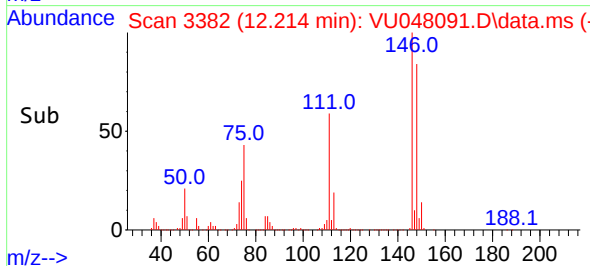
148 82.8 51.4 77.2

Manual Integrations

APPROVED

Reviewed By :Krupa Patel 04/15/2022

Supervised By :Mahesh Dadoda 04/19/2022



#70

1,2,4-trichlorobenzene

Concen: 465.159 ug/L

RT: 13.841 min Scan# 3888

Delta R.T. -0.000 min

Lab File: VU048091.D

Acq: 15 Apr 2022 04:02

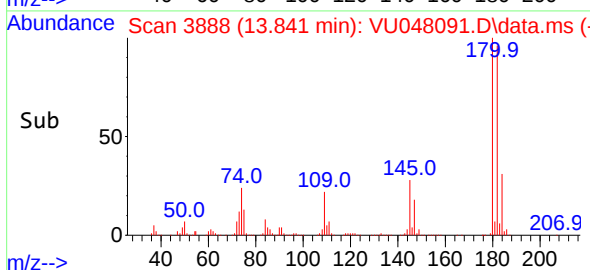
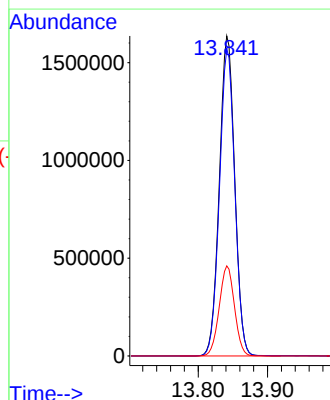
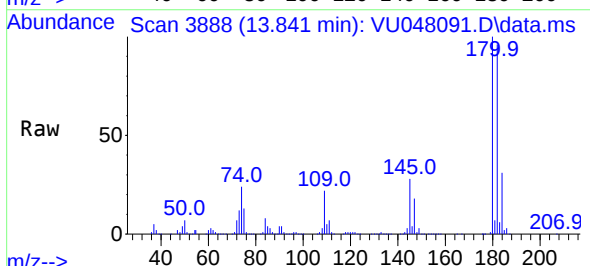
Tgt Ion:180 Resp: 2527246

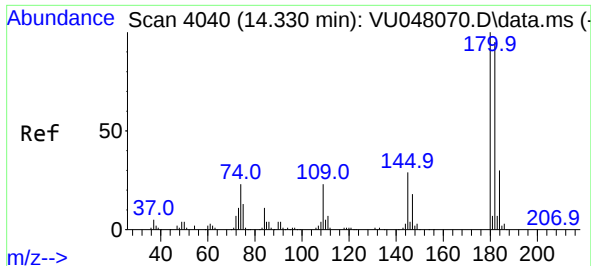
Ion Ratio Lower Upper

180 100

182 95.7 76.2 114.2

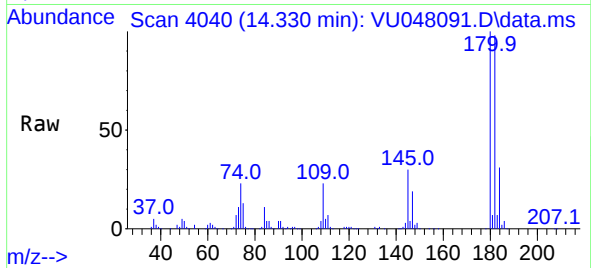
145 27.9 21.8 32.8





#72
 1,2,3-Trichlorobenzene
 Concen: 53.514 ug/L
 RT: 14.330 min Scan# 40
 Delta R.T. -0.000 min
 Lab File: VU048091.D
 Acq: 15 Apr 2022 04:02

Instrument :
 MSVOA_U
 ClientSampleId :
 C0J54



Tgt Ion:180 Resp: 291464
 Ion Ratio Lower Upper
 180 100
 182 97.0 77.4 116.0
 145 29.3 22.8 34.2

Manual Integrations
 APPROVED

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

