

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU062122\
 Data File : VU049330.D
 Acq On : 21 Jun 2022 16:42
 Operator : SY/MD
 Sample : N3400-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA3

Quant Time: Jun 22 02:37:25 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR061422WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 22 01:47:02 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa
 Patel
 06/22/2022
 Supervised By :Mahesh
 Dadoda
 06/22/2022

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	134763	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	124840	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	62916	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.591	65	38426	3.263	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	65.200%
7) Chloroethane-d5	1.906	69	31413	3.940	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	78.800%
11) 1,1-Dichloroethene-d2	2.559	65	16367	3.456	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.200%
20) 2-Butanone-d5	4.668	46	147493	46.911	ug/L	0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.820%
24) Chloroform-d	5.063	84	81851	4.430	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.600%
26) 1,2-Dichloroethane-d4	5.703	65	45922	4.531	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.600%
32) Benzene-d6	5.726	84	155854	4.144	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.800%
36) 1,2-Dichloropropane-d6	6.690	67	55193	4.324	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.400%
41) Toluene-d8	7.896	98	132856	3.923	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	78.400%
43) trans-1,3-Dichloroprop...	8.182	79	19429	3.426	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	68.600%
46) 2-Hexanone-d5	8.636	63	108365	47.372	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.740%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	46266	4.527	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.600%
66) 1,2-Dichlorobenzene-d4	12.192	152	53476	4.429	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.600%
Target Compounds						Qvalue
8) Chloroethane	1.928	64	2560m	0.390	ug/L	
19) 1,1-Dichloroethane	3.874	63	2749	0.166	ug/L #	84
30) Cyclohexane	5.385	56	66128	3.900	ug/L	98
33) Benzene	5.774	78	165864	4.465	ug/L	100
35) Methylcyclohexane	6.761	83	78089	4.904	ug/L	96
42) Toluene	7.970	91	9399	0.239	ug/L	93
47) Tetrachloroethene	8.552	164	1642	0.251	ug/L	88
51) Chlorobenzene	9.446	112	4013	0.167	ug/L	92
52) Ethylbenzene	9.571	91	10226	0.238	ug/L	98
53) m,p-Xylene	9.690	106	111798	6.993	ug/L	95
54) o-Xylene	10.102	106	2764	0.174	ug/L	81
55) Styrene	10.115	104	1167	0.044	ug/L	88
60) Isopropylbenzene	10.484	105	162169	3.784	ug/L	100
62) 1,3,5-Trimethylbenzene	11.086	105	4524m	0.120	ug/L	
63) 1,2,4-Trimethylbenzene	11.468	105	55483	1.481	ug/L	100
70) 1,2,4-trichlorobenzene	13.838	180	5024	0.460	ug/L #	77
72) 1,2,3-Trichlorobenzene	14.330	180	5782	0.562	ug/L #	95

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Manual Integrations
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Quant Time: Jun 22 02:37:25 2022
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(#)= qualifier out of range (m) = manual integration (+) = signals summed						

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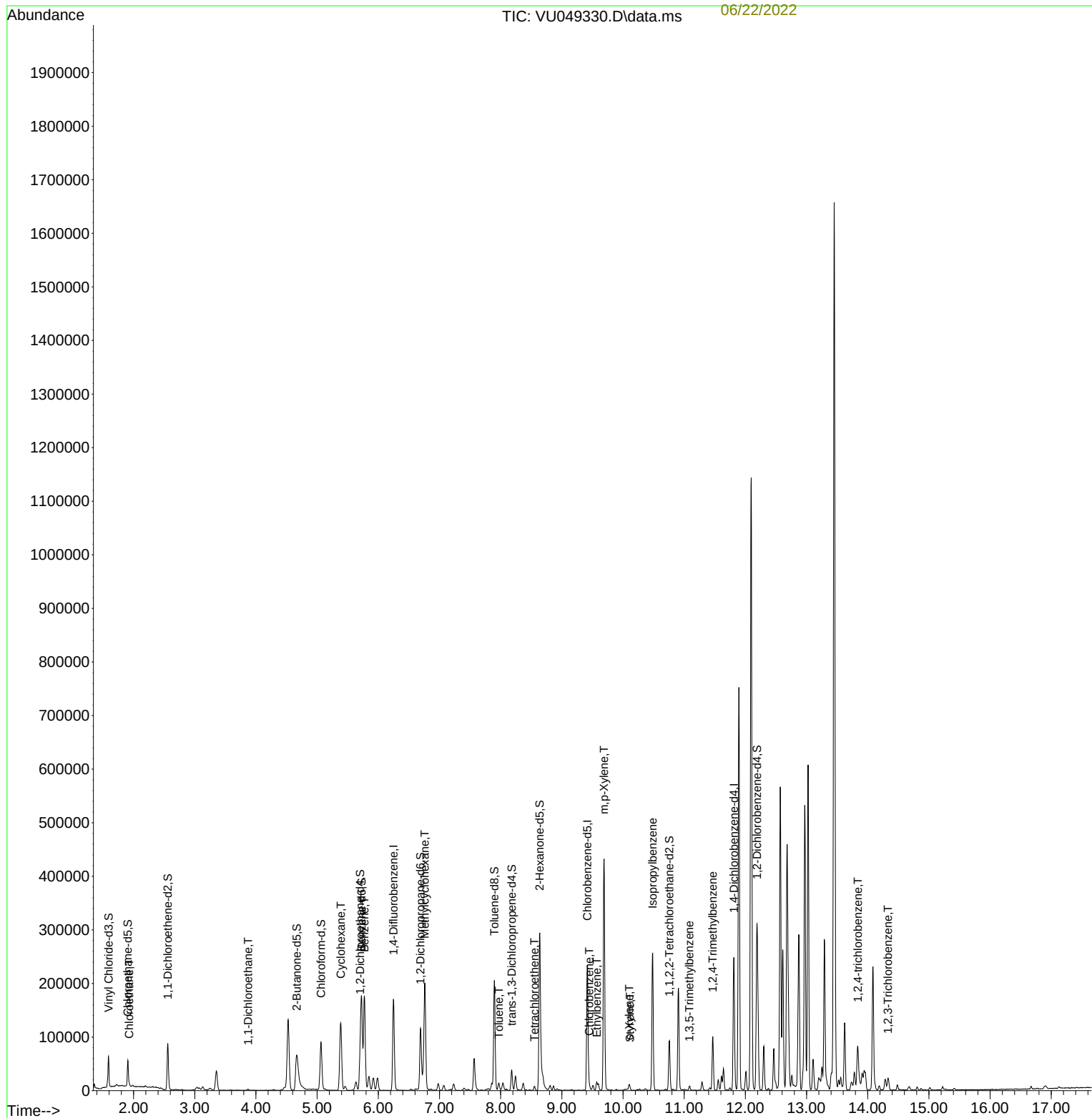
Reviewed By :Krupa
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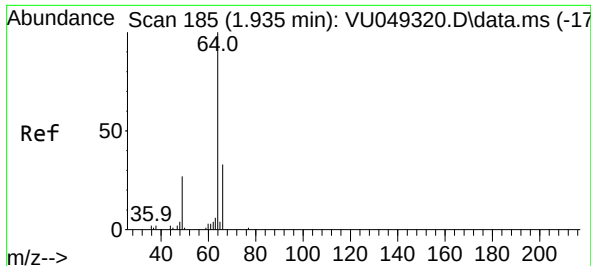
06/22/2022

Supervised By :Mahesh

Dadoda

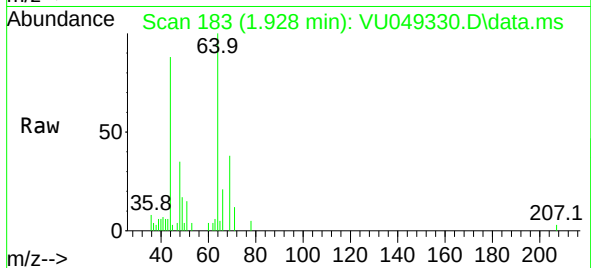
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#8
Chloroethane
Concen: 0.390 ug/L m
RT: 1.928 min Scan# 11
Delta R.T. -0.007 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

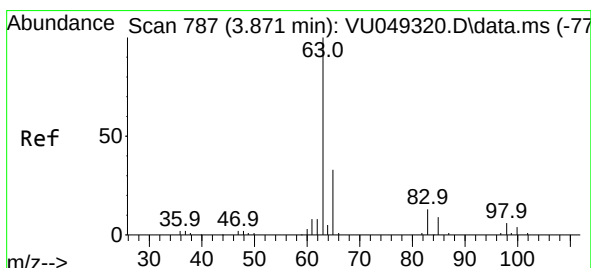
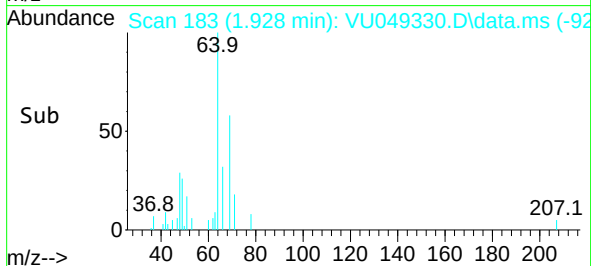
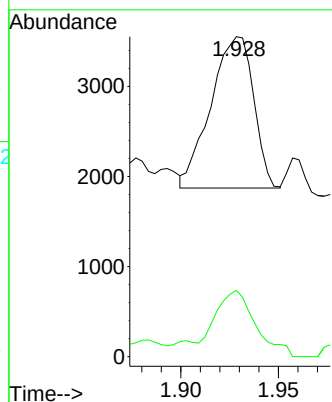


Tgt Ion: 64 Resp: 2560
Ion Ratio Lower Upper
64 100
66 20.7 20.9 38.9

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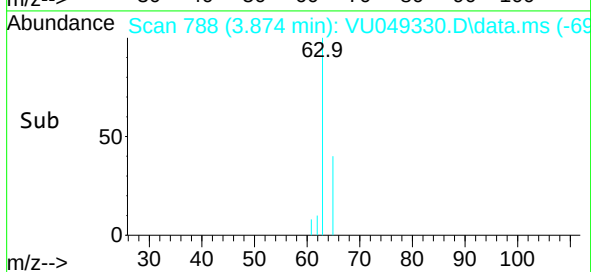
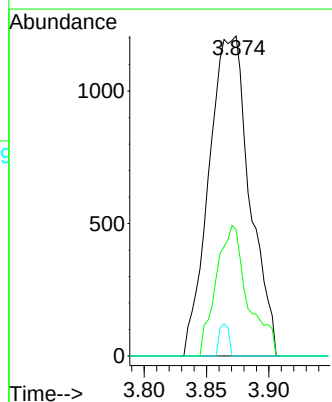
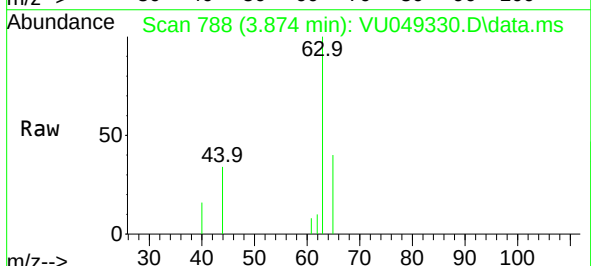
Reviewed By :Krupa
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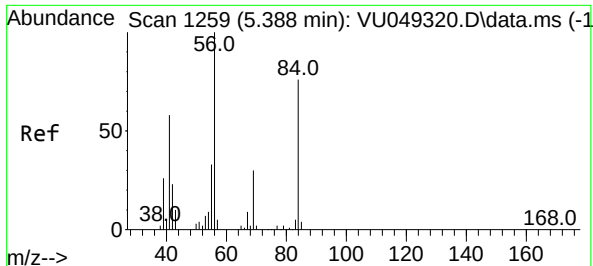
Supervised By :Mahesh
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#19
1,1-Dichloroethane
Concen: 0.166 ug/L
RT: 3.874 min Scan# 788
Delta R.T. 0.003 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

Tgt Ion: 63 Resp: 2749
Ion Ratio Lower Upper
63 100
65 39.6 24.0 44.6
83 0.0 9.1 16.9





#30

Cyclohexane

Concen: 3.900 ug/L

RT: 5.385 min Scan# 1259

Delta R.T. -0.003 min

Lab File: VU049330.D

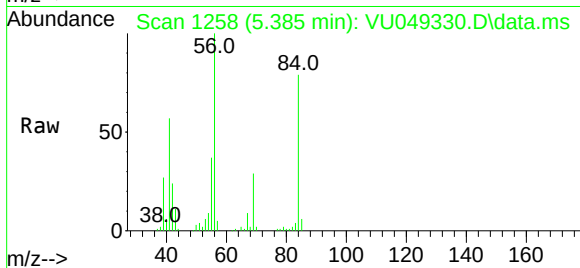
Acq: 21 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

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Tgt Ion: 56	Resp: 66128
Ion Ratio	Lower Upper
56	100
69	29.6 23.8 35.6
84	78.9 61.2 91.8

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Reviewed By :Krupa

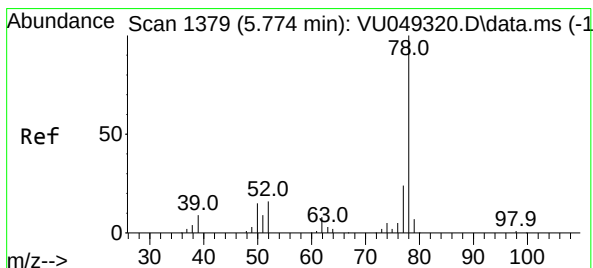
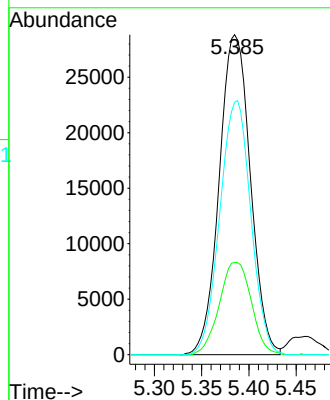
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#33

Benzene

Concen: 4.465 ug/L

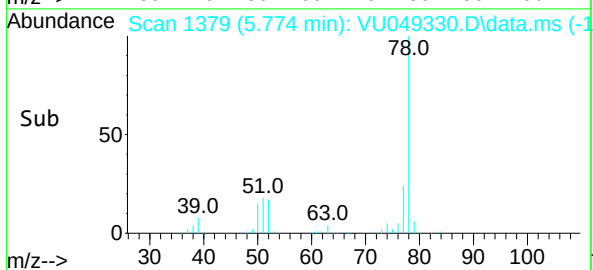
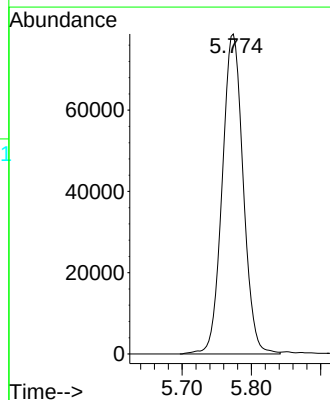
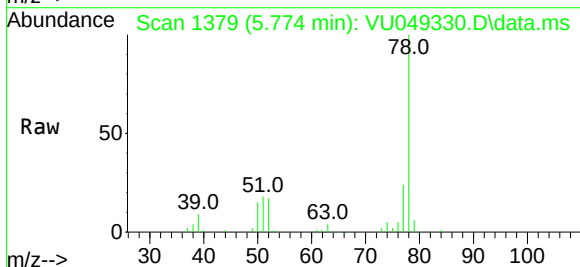
RT: 5.774 min Scan# 1379

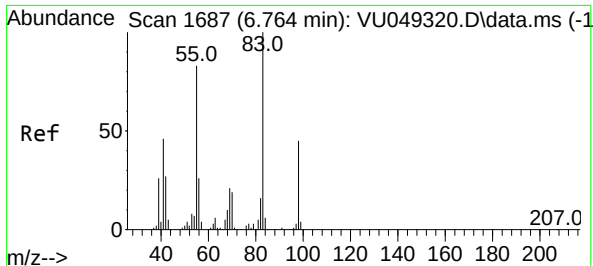
Delta R.T. -0.000 min

Lab File: VU049330.D

Acq: 21 Jun 2022 16:42

Tgt Ion: 78 Resp: 165864





#35

Methylcyclohexane

Concen: 4.904 ug/L

RT: 6.761 min Scan# 1

Delta R.T. -0.003 min

Lab File: VU049330.D

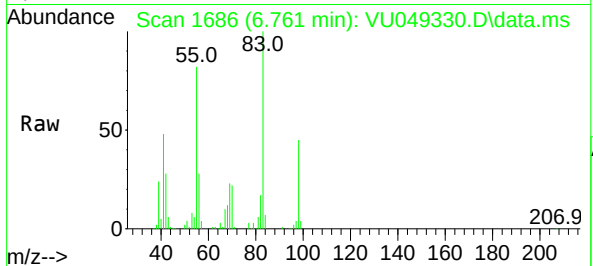
Acq: 21 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

C0AA3



Tgt Ion: 83	Resp: 78089
Ion Ratio	Lower Upper
83	100
55	89.6 66.9 100.3
98	44.6 35.5 53.3

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Reviewed By :Krupa

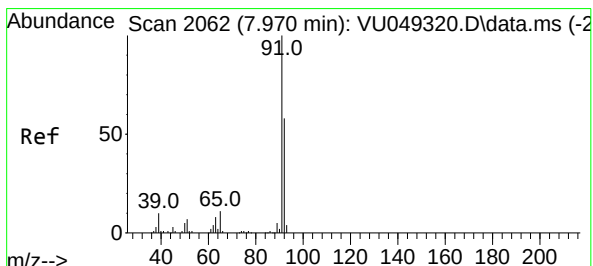
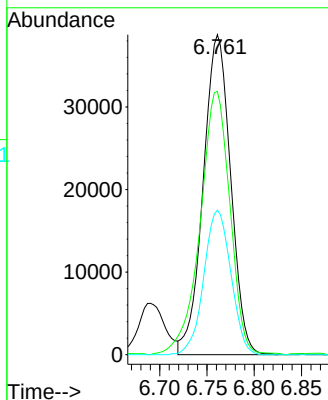
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#42

Toluene

Concen: 0.239 ug/L

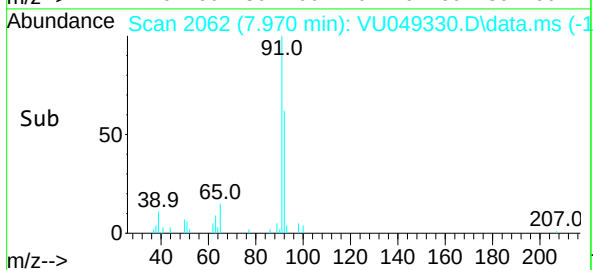
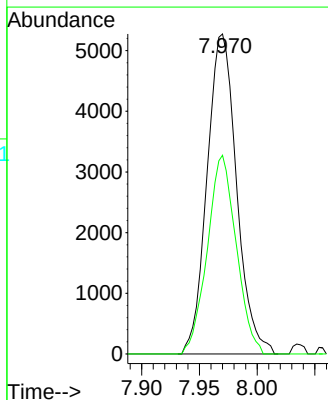
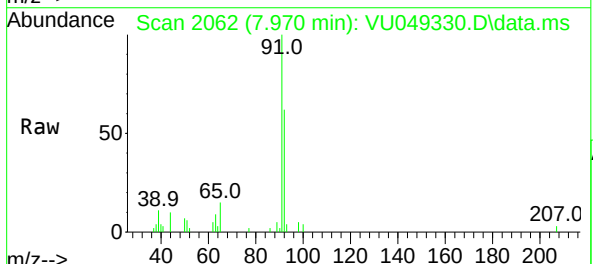
RT: 7.970 min Scan# 2062

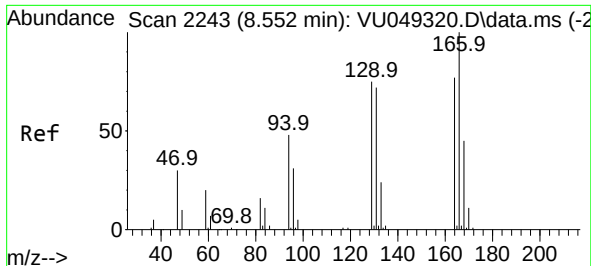
Delta R.T. -0.000 min

Lab File: VU049330.D

Acq: 21 Jun 2022 16:42

Tgt Ion: 91	Resp: 9399
Ion Ratio	Lower Upper
91	100
92	62.1 40.0 74.2





#47

Tetrachloroethene

Concen: 0.251 ug/L

RT: 8.552 min Scan# 21

Delta R.T. -0.000 min

Lab File: VU049330.D

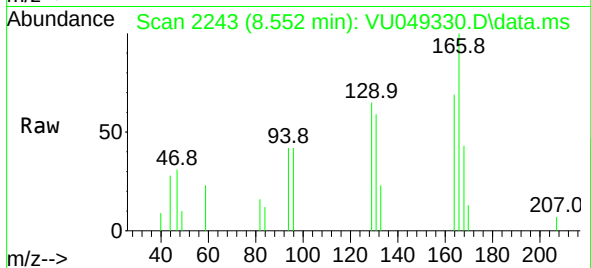
Acq: 21 Jun 2022 16:42

Instrument :

MSVOA_U

ClientSampleId :

C0AA3



Tgt Ion:164 Resp: 164

Ion Ratio Lower Upper

164 100

129 93.1 69.8 129.6

131 85.1 67.8 125.8

166 144.0 87.3 162.1

Manual Integrations

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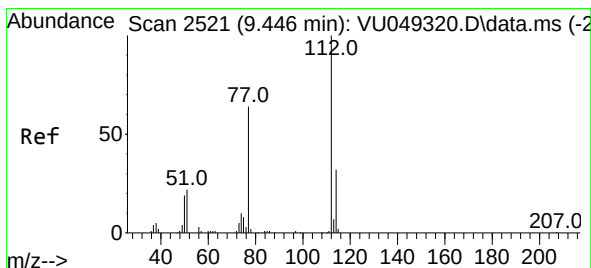
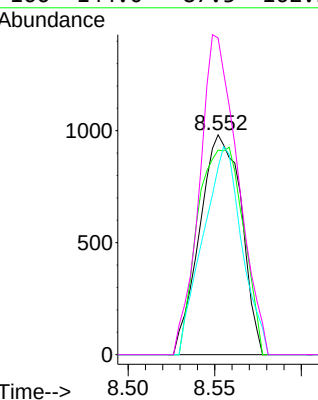
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#51

Chlorobenzene

Concen: 0.167 ug/L

RT: 9.446 min Scan# 2521

Delta R.T. -0.000 min

Lab File: VU049330.D

Acq: 21 Jun 2022 16:42

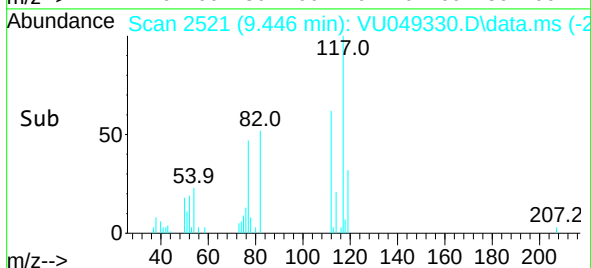
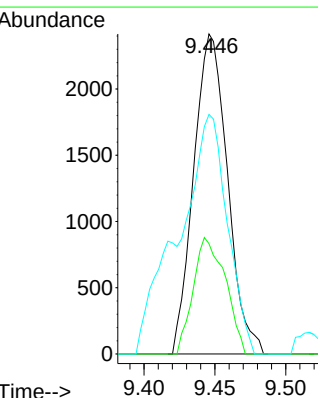
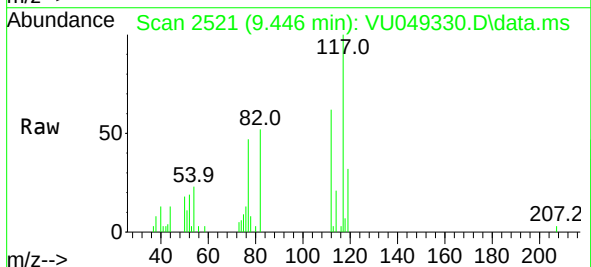
Tgt Ion:112 Resp: 4013

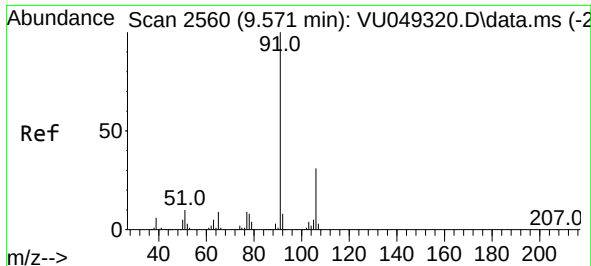
Ion Ratio Lower Upper

112 100

114 33.0 22.3 41.3

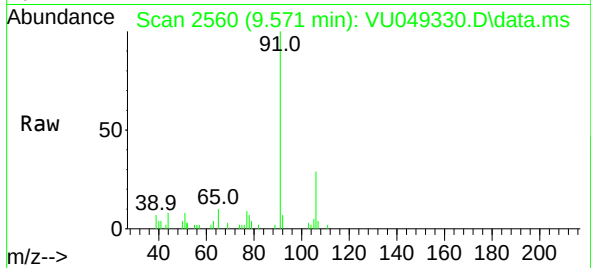
77 71.7 51.0 76.6





#52
Ethylbenzene
Concen: 0.238 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.000 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

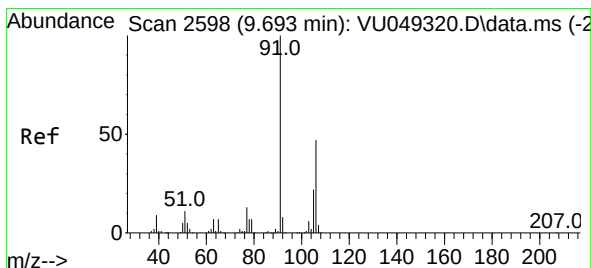
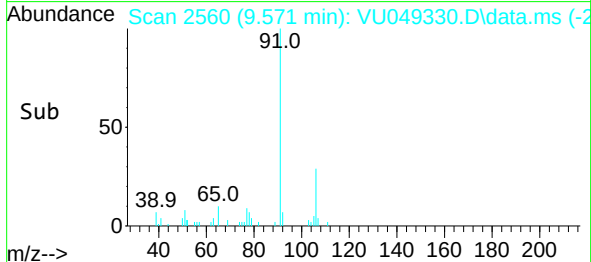
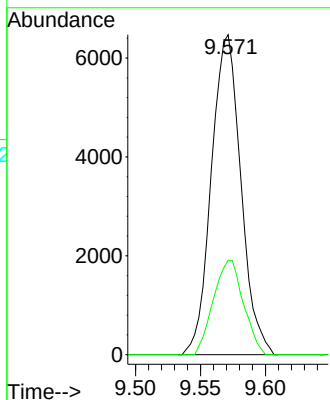
Instrument :
MSVOA_U
ClientSampleId :
C0AA3



Tgt Ion: 91 Resp: 10220
Ion Ratio Lower Upper
91 100
106 29.5 21.2 39.4

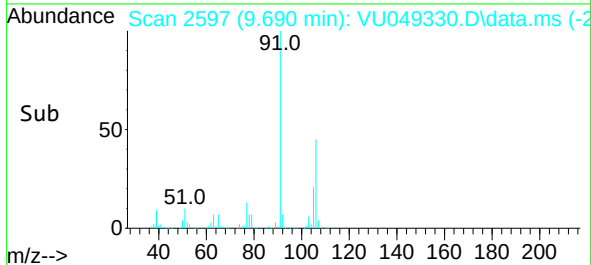
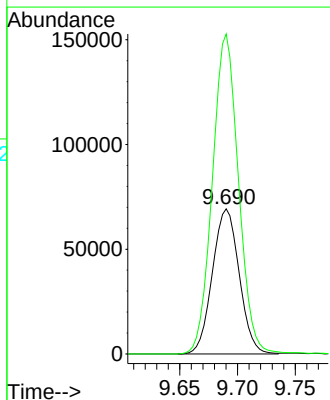
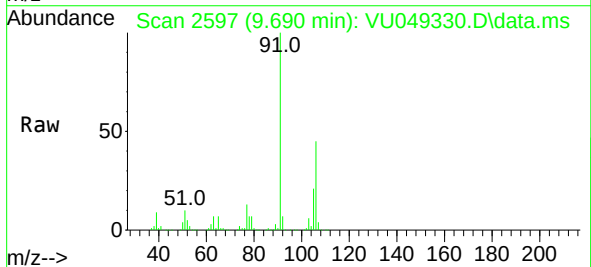
Manual Integrations
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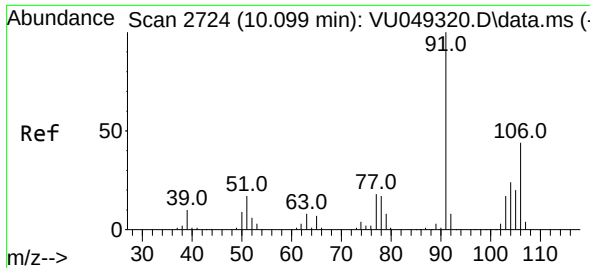
Reviewed By :Krupa
Patel
06/22/2022
Supervised By :Mahesh
Dadoda
06/22/2022



#53
m,p-Xylene
Concen: 6.993 ug/L
RT: 9.690 min Scan# 2597
Delta R.T. -0.003 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

Tgt Ion:106 Resp: 111798
Ion Ratio Lower Upper
106 100
91 220.4 148.5 275.7





#54
o-Xylene
Concen: 0.174 ug/L
RT: 10.102 min Scan# 2724
Delta R.T. 0.003 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

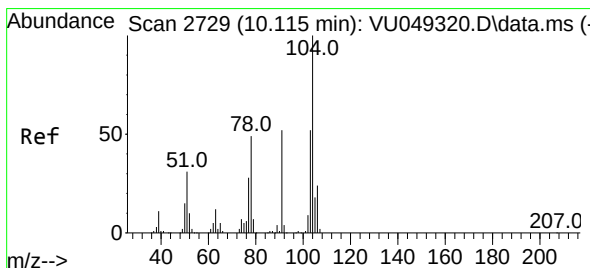
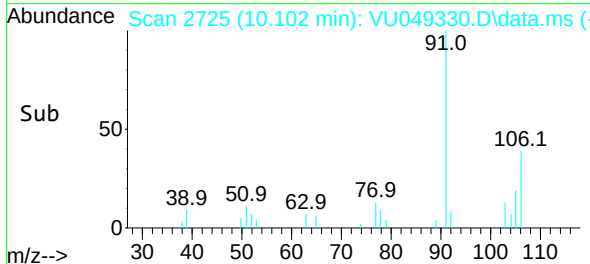
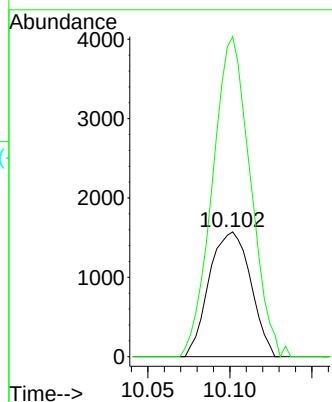
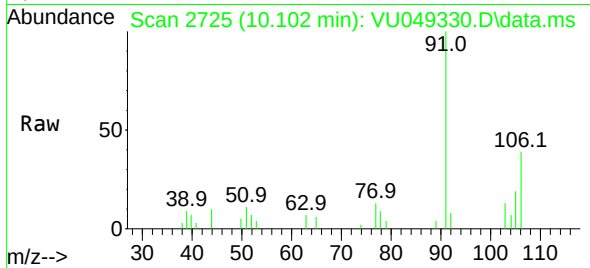
Instrument :
MSVOA_U
ClientSampleId :
C0AA3

Tgt Ion:106 Resp: 2764
Ion Ratio Lower Upper
106 100
91 256.4 157.5 292.5

Manual Integrations
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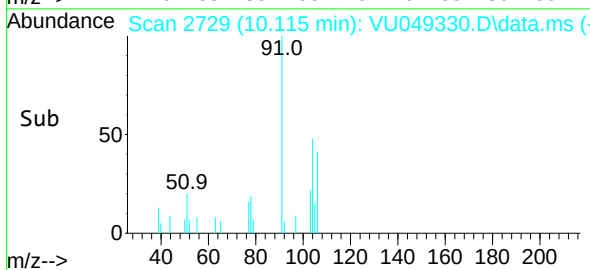
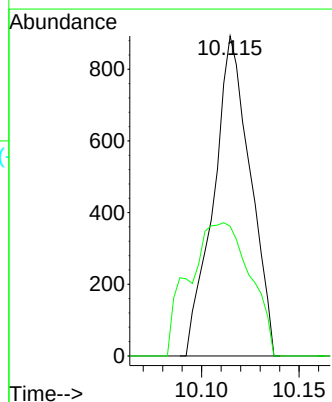
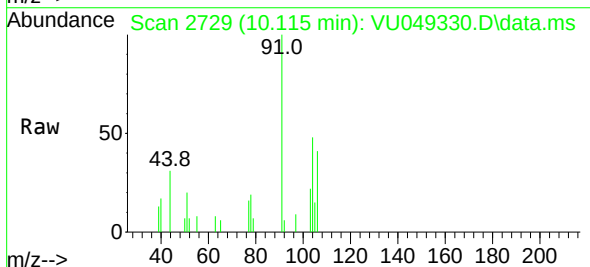
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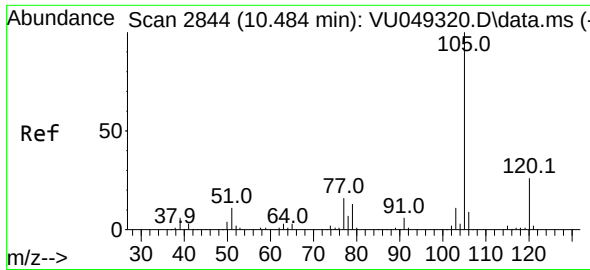
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06/22/2022



#55
Styrene
Concen: 0.044 ug/L
RT: 10.115 min Scan# 2729
Delta R.T. -0.000 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

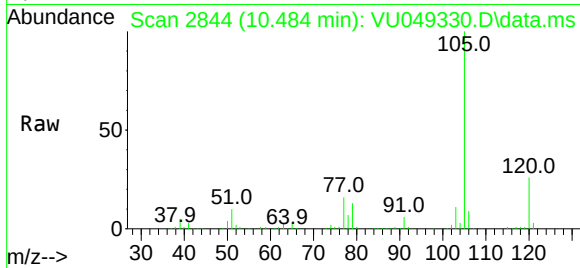
Tgt Ion:104 Resp: 1167
Ion Ratio Lower Upper
104 100
78 40.5 34.1 63.3





#60
Isopropylbenzene
Concen: 3.784 ug/L
RT: 10.484 min Scan# 2844
Delta R.T. -0.000 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

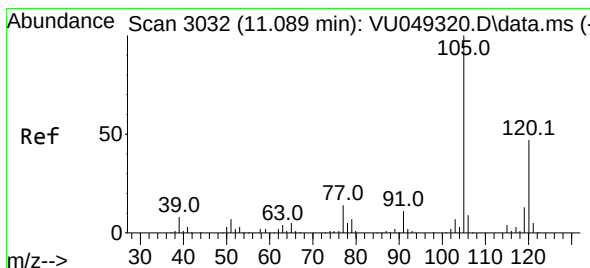
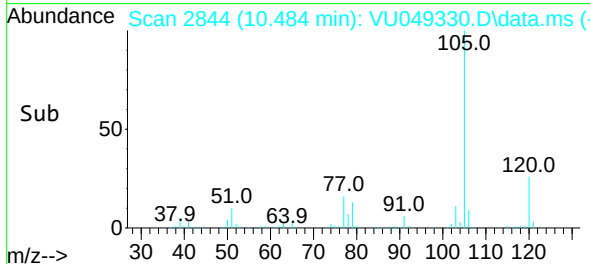
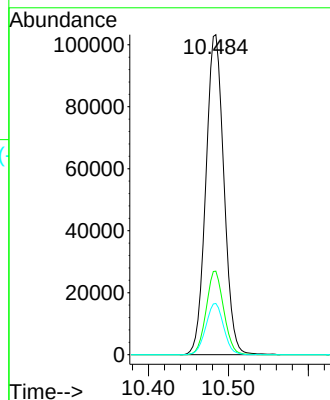


Tgt Ion:105 Resp: 162169
Ion Ratio Lower Upper
105 100
120 25.4 20.3 30.5
77 15.8 13.0 19.6

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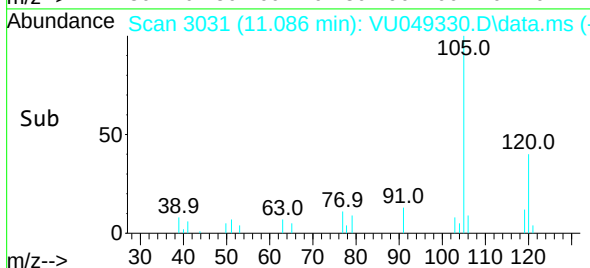
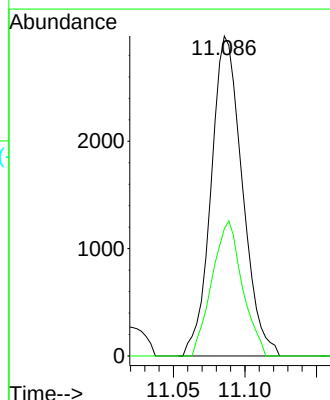
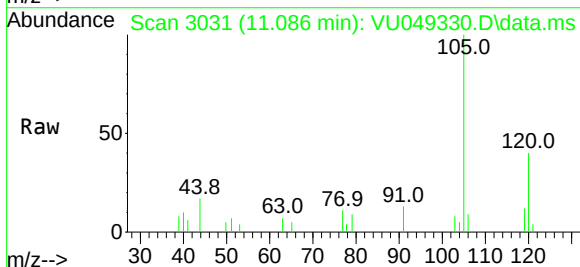
Reviewed By :Krupa
Patel
06/22/2022

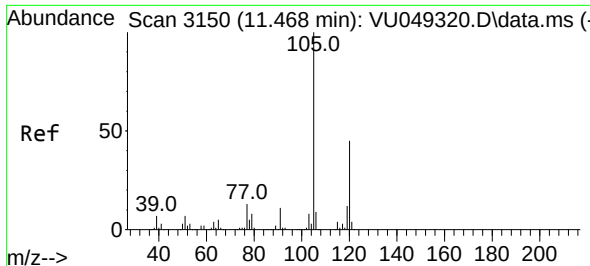
Supervised By :Mahesh
Dadoda
06/22/2022



#62
1,3,5-Trimethylbenzene
Concen: 0.120 ug/L m
RT: 11.086 min Scan# 3031
Delta R.T. -0.003 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

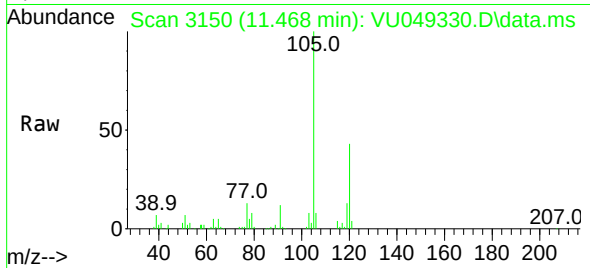
Tgt Ion:105 Resp: 4524
Ion Ratio Lower Upper
105 100
120 528.2 37.8 56.6#





#63
1,2,4-Trimethylbenzene
Concen: 1.481 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.000 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

Instrument :
MSVOA_U
ClientSampleId :
C0AA3

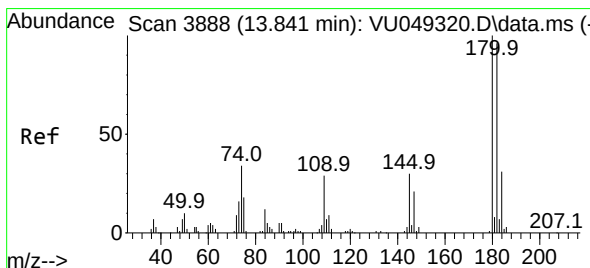
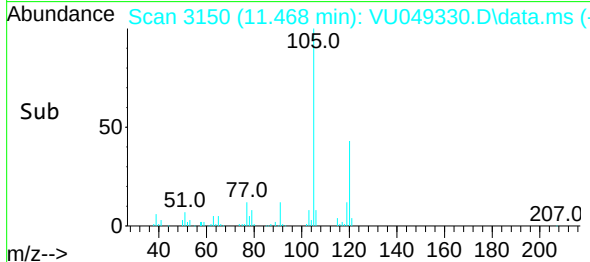
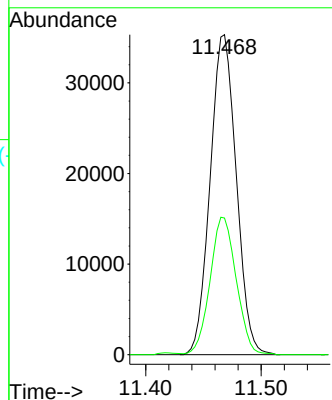


Tgt Ion:105 Resp: 5548
Ion Ratio Lower Upper
105 100
120 43.1 34.6 52.0

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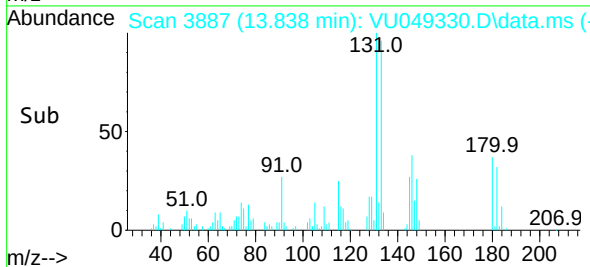
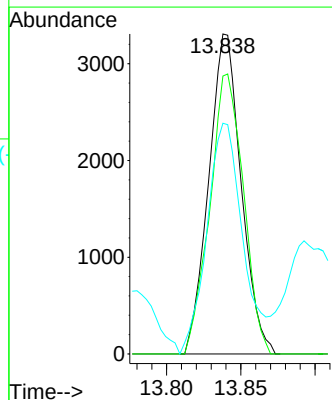
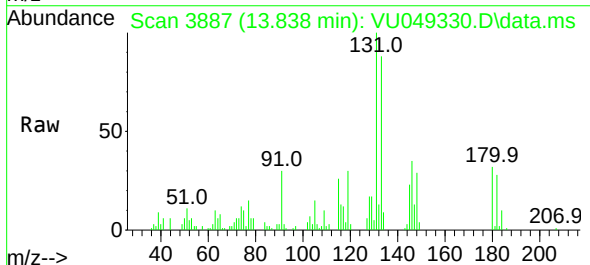
Reviewed By :Krupa
Patel
06/22/2022

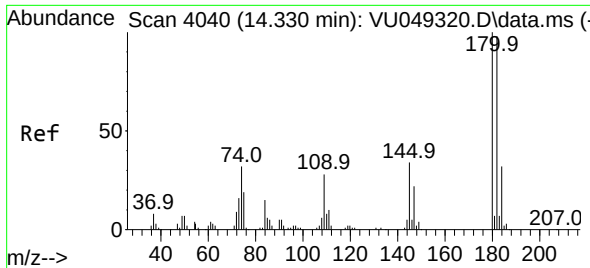
Supervised By :Mahesh
Dadoda
06/22/2022



#70
1,2,4-trichlorobenzene
Concen: 0.460 ug/L
RT: 13.838 min Scan# 3887
Delta R.T. -0.003 min
Lab File: VU049330.D
Acq: 21 Jun 2022 16:42

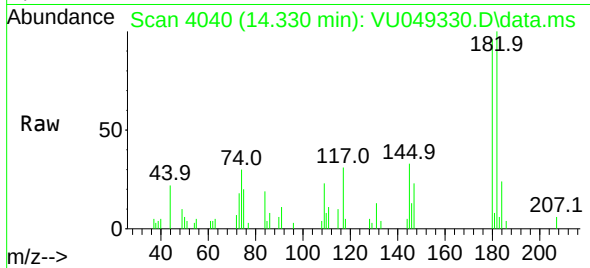
Tgt Ion:180 Resp: 5024
Ion Ratio Lower Upper
180 100
182 90.6 74.6 112.0
145 79.0 26.1 39.1#





#72
 1,2,3-Trichlorobenzene
 Concen: 0.562 ug/L
 RT: 14.330 min Scan# 4040
 Delta R.T. -0.000 min
 Lab File: VU049330.D
 Acq: 21 Jun 2022 16:42

Instrument :
 MSVOA_U
 ClientSampleId :
 C0AA3



Tgt Ion:180 Resp: 578
 Ion Ratio Lower Upper
 180 100
 182 94.0 75.6 113.4
 145 44.2 27.9 41.9

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel
 06/22/2022

Supervised By :Mahesh
 Dadoda
 06/22/2022

