

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
 Data File : VU048657.D
 Acq On : 23 May 2022 17:45
 Operator : SY/MD
 Sample : N2848-20ME
 Misc : 4.53g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 EXXZ9ME

Manual Integrations
 APPROVED

Reviewed By : John Carlone 05/25/2022
 Supervised By : Mahesh Dadoda 05/25/2022

Quant Time: May 24 02:56:12 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue May 24 02:53:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.247	114	235009	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	237695	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.816	152	146193	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.594	65	40885m	28.404	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	56.800%#		
7) Chloroethane-d5	1.871	69	39513m	36.641	ug/L	-0.04
Spiked Amount 50.000	Range 70 - 130		Recovery =	73.280%		
11) 1,1-Dichloroethene-d2	2.530	63	77145	23.698	ug/L	-0.04
Spiked Amount 50.000	Range 60 - 125		Recovery =	47.400%#		
21) 2-Butanone-d5	4.633	46	125343	91.506	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	91.510%		
24) Chloroform-d	5.060	84	144974	39.857	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	79.720%		
26) 1,2-Dichloroethane-d4	5.700	65	108758	42.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	84.760%		
32) Benzene-d6	5.719	84	242606	36.674	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.340%		
36) 1,2-Dichloropropane-d6	6.690	67	76481	39.382	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.760%		
41) Toluene-d8	7.899	98	230724	37.080	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	74.160%#		
43) trans-1,3-Dichloroprop...	8.182	79	46392	37.357	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	74.720%		
47) 2-Hexanone-d5	8.652	63	97021	91.096	ug/L	0.02
Spiked Amount 100.000	Range 45 - 130		Recovery =	91.100%		
56) 1,1,2,2-Tetrachloroeth...	10.764	84	143637	44.698	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	89.400%		
66) 1,2-Dichlorobenzene-d4	12.195	152	123316	41.262	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	82.520%		
Target Compounds						Qvalue
13) Acetone	2.646	43	21182	19.034	ug/L	97
15) Methyl Acetate	2.954	43	15093	7.947	ug/L	98
22) 2-Butanone	4.713	43	139773	98.918	ug/L	100
29) Cyclohexane	5.375	56	3837	1.572	ug/L	89
35) Methylcyclohexane	6.758	83	14492	5.140	ug/L	96
42) Toluene	7.970	91	22411	2.961	ug/L	99
53) m,p-Xylene	9.697	106	8663	2.492	ug/L	100
54) o-Xylene	10.105	106	5541	1.664	ug/L	84
63) 1,2,4-Trimethylbenzene	11.472	105	10377	1.304	ug/L	92

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

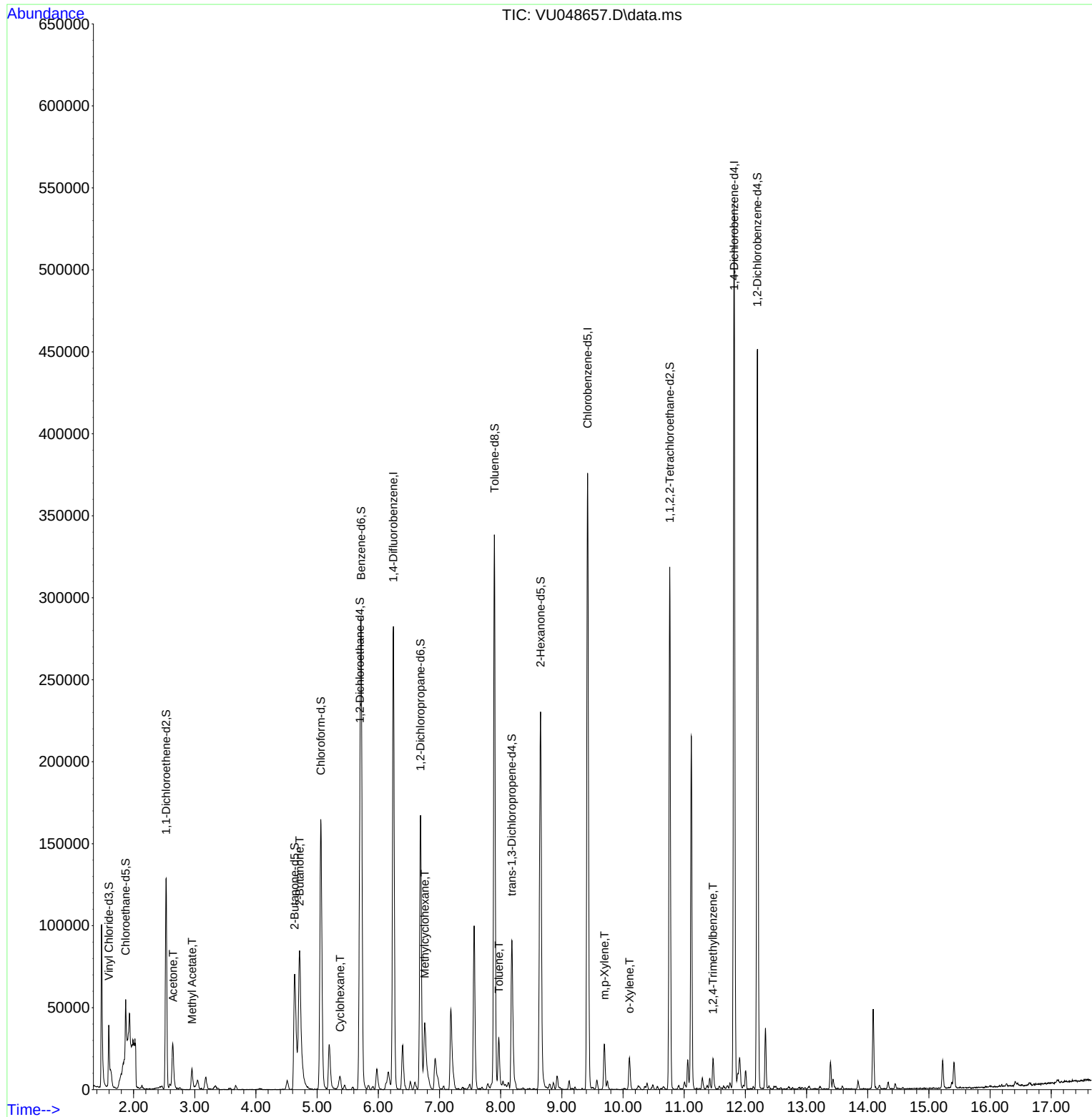
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU052322\
Data File : VU048657.D
Acq On : 23 May 2022 17:45
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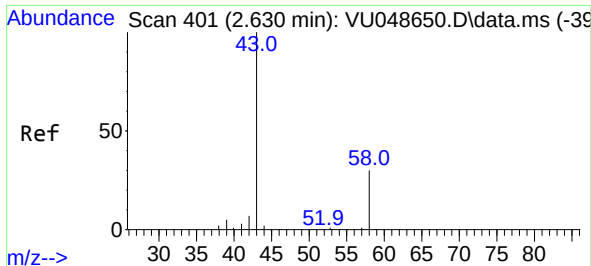
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

Quant Time: May 24 02:56:12 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM051622WMA.M
Quant Title : VOC Analysis
QLast Update : Tue May 24 02:53:22 2022
Response via : Initial Calibration

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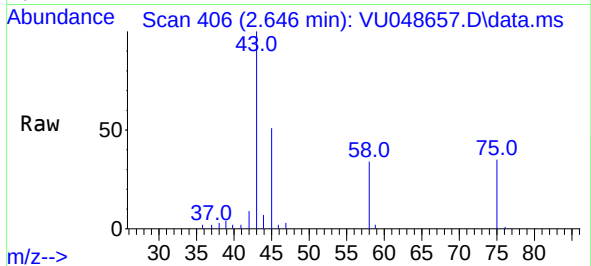
Reviewed By : John Carlone 05/25/2022
Supervised By : Mahesh Dadoda 05/25/2022





#13
Acetone
Concen: 19.034 ug/L
RT: 2.646 min Scan# 401
Delta R.T. 0.016 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

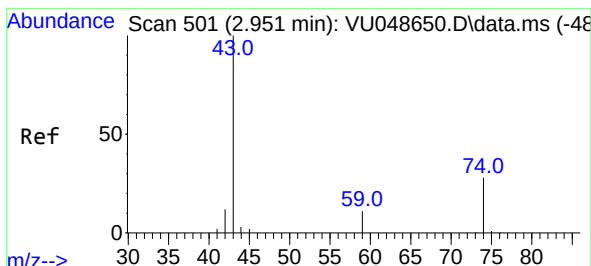
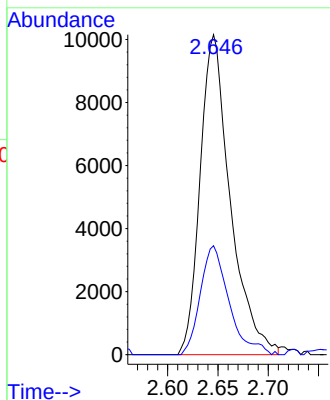
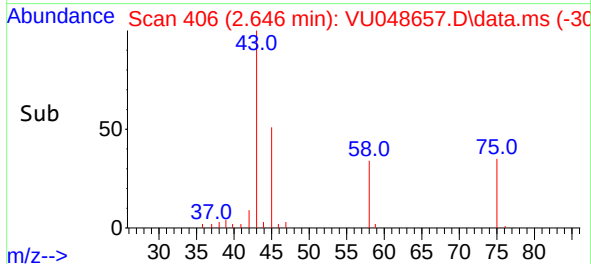
Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME



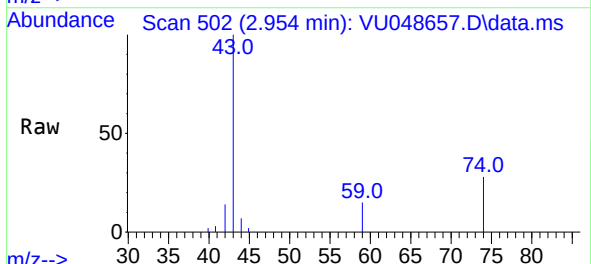
Tgt Ion: 43 Resp: 2118
Ion Ratio Lower Upper
43 100
58 31.5 0.0 59.8

Manual Integrations
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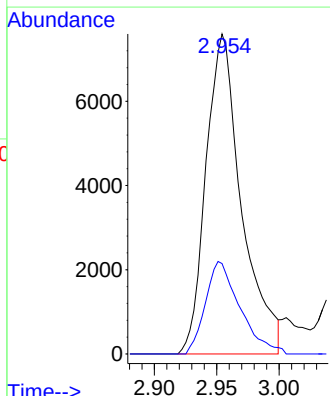
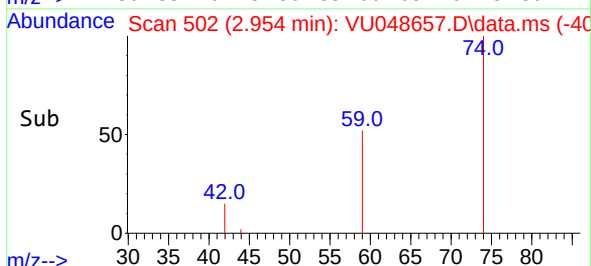
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022

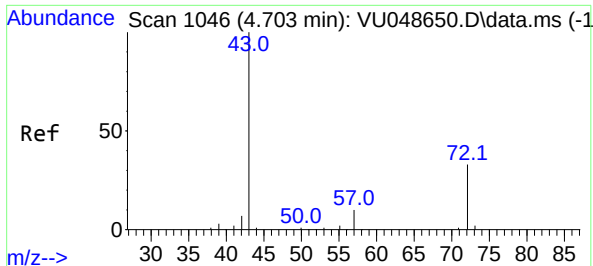


#15
Methyl Acetate
Concen: 7.947 ug/L
RT: 2.954 min Scan# 502
Delta R.T. 0.003 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45



Tgt Ion: 43 Resp: 15093
Ion Ratio Lower Upper
43 100
74 28.0 21.7 32.5





#22

2-Butanone

Concen: 98.918 ug/L

RT: 4.713 min Scan# 1049

Delta R.T. 0.010 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

EXXZ9ME

Tgt Ion: 43 Resp: 13977

Ion Ratio Lower Upper

43 100

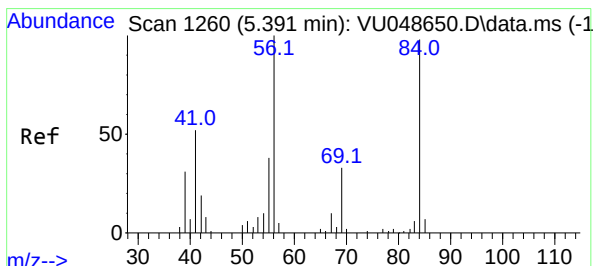
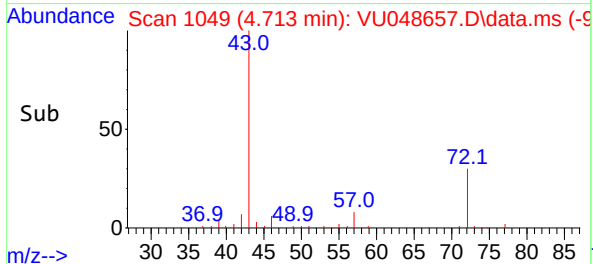
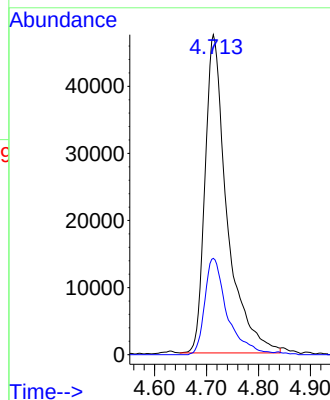
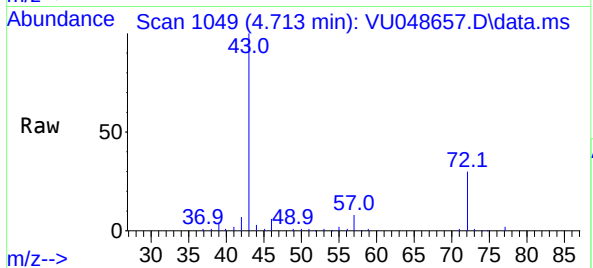
72 30.6 15.4 46.2

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#29

Cyclohexane

Concen: 1.572 ug/L

RT: 5.375 min Scan# 1255

Delta R.T. -0.016 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

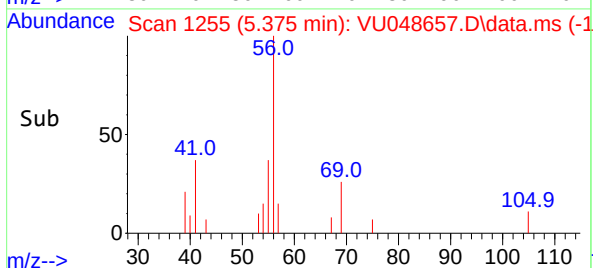
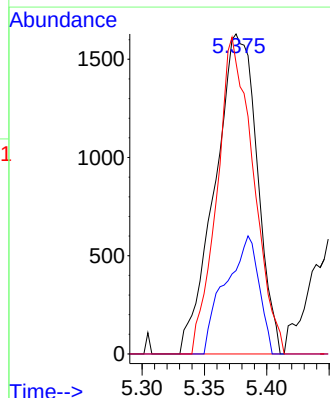
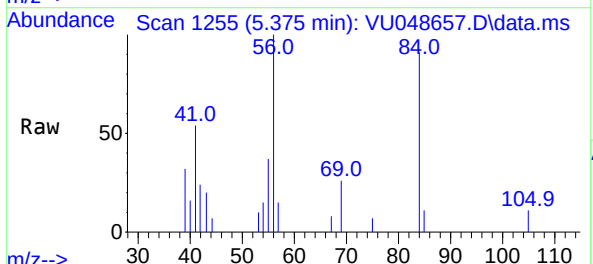
Tgt Ion: 56 Resp: 3837

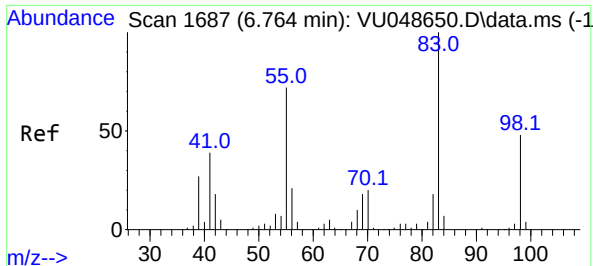
Ion Ratio Lower Upper

56 100

69 29.3 26.5 39.7

84 85.1 78.0 117.0





#35

Methylcyclohexane

Concen: 5.140 ug/L

RT: 6.758 min Scan# 1

Delta R.T. -0.007 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Instrument :

MSVOA_U

ClientSampleId :

EXXZ9ME

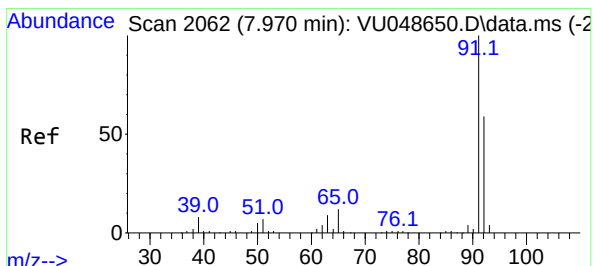
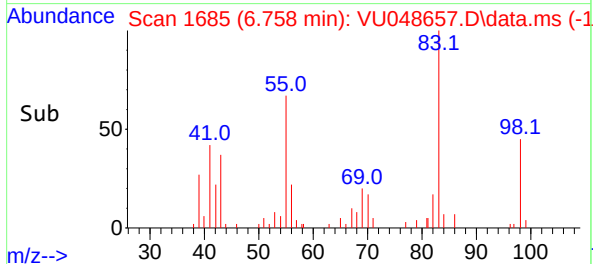
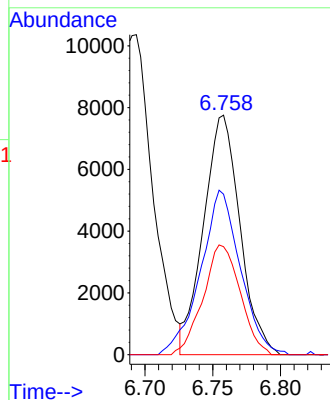
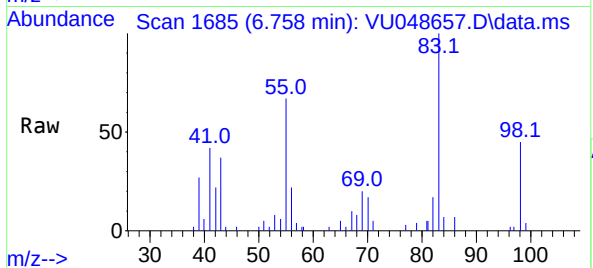
Tgt Ion: 83	Resp: 1449
Ion Ratio	Lower Upper
83	100
55	74.9 56.2 84.4
98	46.7 38.2 57.2

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#42

Toluene

Concen: 2.961 ug/L

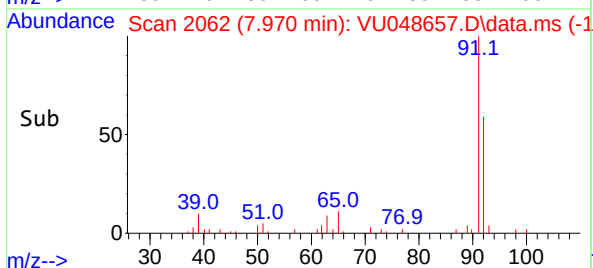
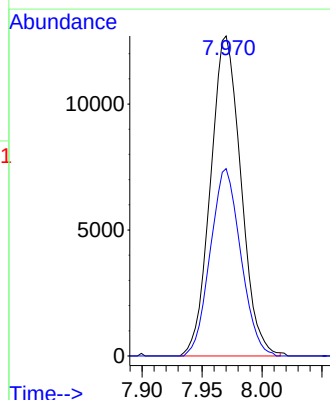
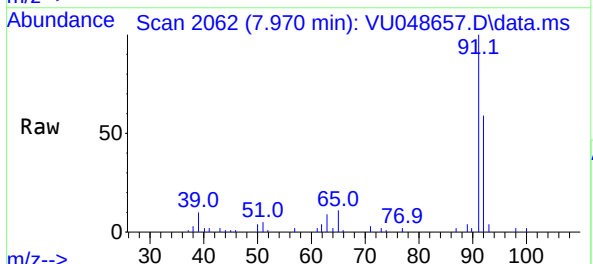
RT: 7.970 min Scan# 2062

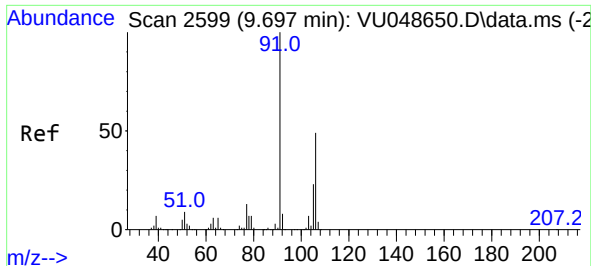
Delta R.T. -0.000 min

Lab File: VU048657.D

Acq: 23 May 2022 17:45

Tgt Ion: 91	Resp: 22411
Ion Ratio	Lower Upper
91	100
92	58.6 41.4 77.0





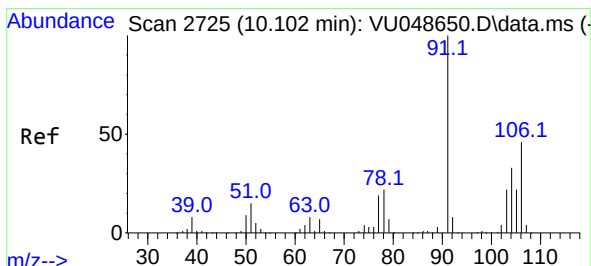
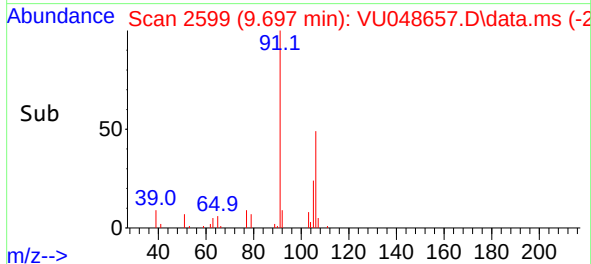
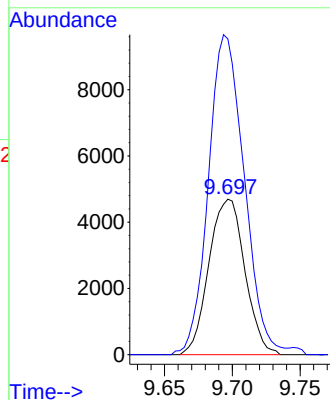
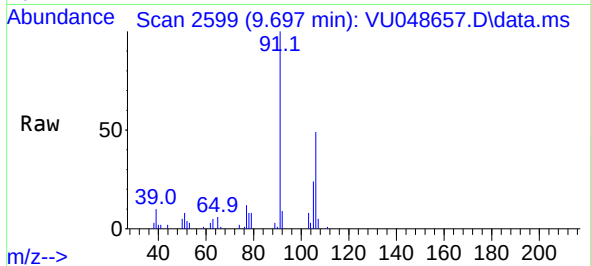
#53
m,p-Xylene
Concen: 2.492 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
EXXZ9ME

Tgt Ion:106 Resp: 866
Ion Ratio Lower Upper
106 100
91 203.1 141.8 263.4

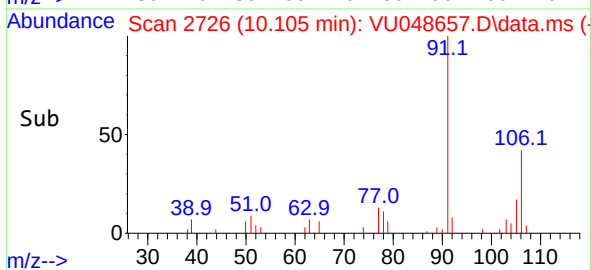
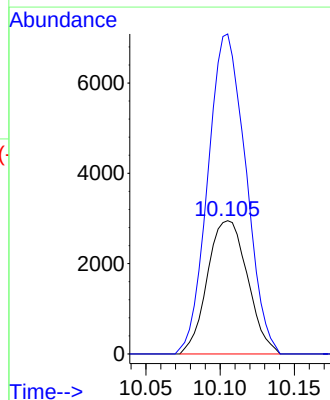
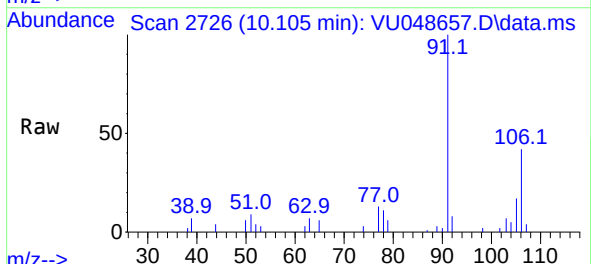
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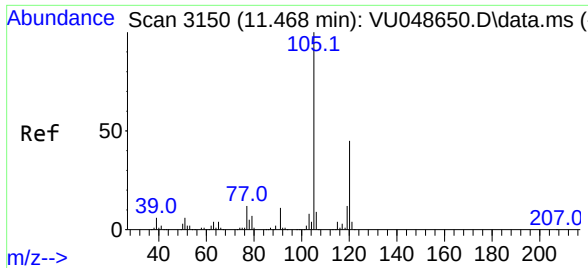
Reviewed By :John Carlone 05/25/2022
Supervised By :Mahesh Dadoda 05/25/2022



#54
o-Xylene
Concen: 1.664 ug/L
RT: 10.105 min Scan# 2726
Delta R.T. 0.003 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

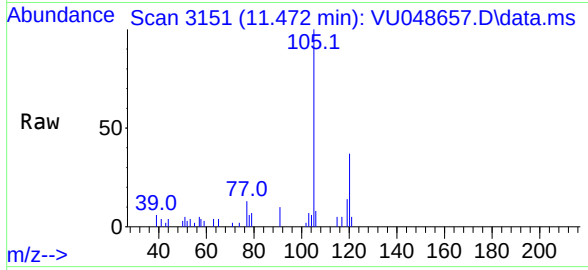
Tgt Ion:106 Resp: 5541
Ion Ratio Lower Upper
106 100
91 240.0 150.1 278.9





#63
1,2,4-Trimethylbenzene
Concen: 1.304 ug/L
RT: 11.472 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU048657.D
Acq: 23 May 2022 17:45

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 1037
Ion Ratio Lower Upper
105 100
120 39.0 35.4 53.2

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