

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046541.D
 Acq On : 21 Dec 2021 22:33
 Operator : SY/MD
 Sample : M5170-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AN6

Manual Integrations
 APPROVED

Reviewed By :Amit Patel 12/24/2021
 Supervised By :Mahesh Dadoda 12/28/2021

Quant Time: Dec 22 05:48:22 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Tue Dec 21 14:35:13 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	73450	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	74305	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	39149	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	30451	5.263	ug/L	0.01
Spiked Amount	5.000	Range	40 - 130	Recovery	=	105.200%
7) Chloroethane-d5	1.922	69	24388	5.353	ug/L	0.01
Spiked Amount	5.000	Range	65 - 130	Recovery	=	107.000%
11) 1,1-Dichloroethene-d2	2.575	65	13095	5.368	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.400%
20) 2-Butanone-d5	4.655	46	99832	59.489	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.980%
24) Chloroform-d	5.070	84	54761	5.166	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.400%
26) 1,2-Dichloroethane-d4	5.706	65	33705	5.562	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.200%
32) Benzene-d6	5.732	84	108695	5.248	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.000%
36) 1,2-Dichloropropane-d6	6.694	67	33815	5.433	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	108.600%
41) Toluene-d8	7.899	98	95555	5.083	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.600%
43) trans-1,3-Dichloroprop...	8.182	79	14251	4.951	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.000%
46) 2-Hexanone-d5	8.639	63	92369	54.653	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	109.300%
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33272	5.208	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	104.200%
66) 1,2-Dichlorobenzene-d4	12.195	152	40606	5.631	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	112.600%
Target Compounds	Qvalue					
13) Acetone	2.678	43	16415m	10.433	ug/L	
17) Methyl tert-butyl Ether	3.372	73	5352	0.284	ug/L	95
21) 2-Butanone	4.735	43	7111m	2.979	ug/L	
22) cis-1,2-Dichloroethene	4.671	96	1816	0.241	ug/L	97
40) 4-Methyl-2-pentanone	7.796	43	15040	2.661	ug/L	97
42) Toluene	7.970	91	11408	0.376	ug/L	100
52) Ethylbenzene	9.571	91	8872	0.283	ug/L	97
53) m,p-Xylene	9.697	106	9266	0.771	ug/L	99
54) o-Xylene	10.102	106	2554	0.221	ug/L	90
62) 1,3,5-Trimethylbenzene	11.089	105	15462	0.616	ug/L	97
63) 1,2,4-Trimethylbenzene	11.468	105	99006	3.915	ug/L	99

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

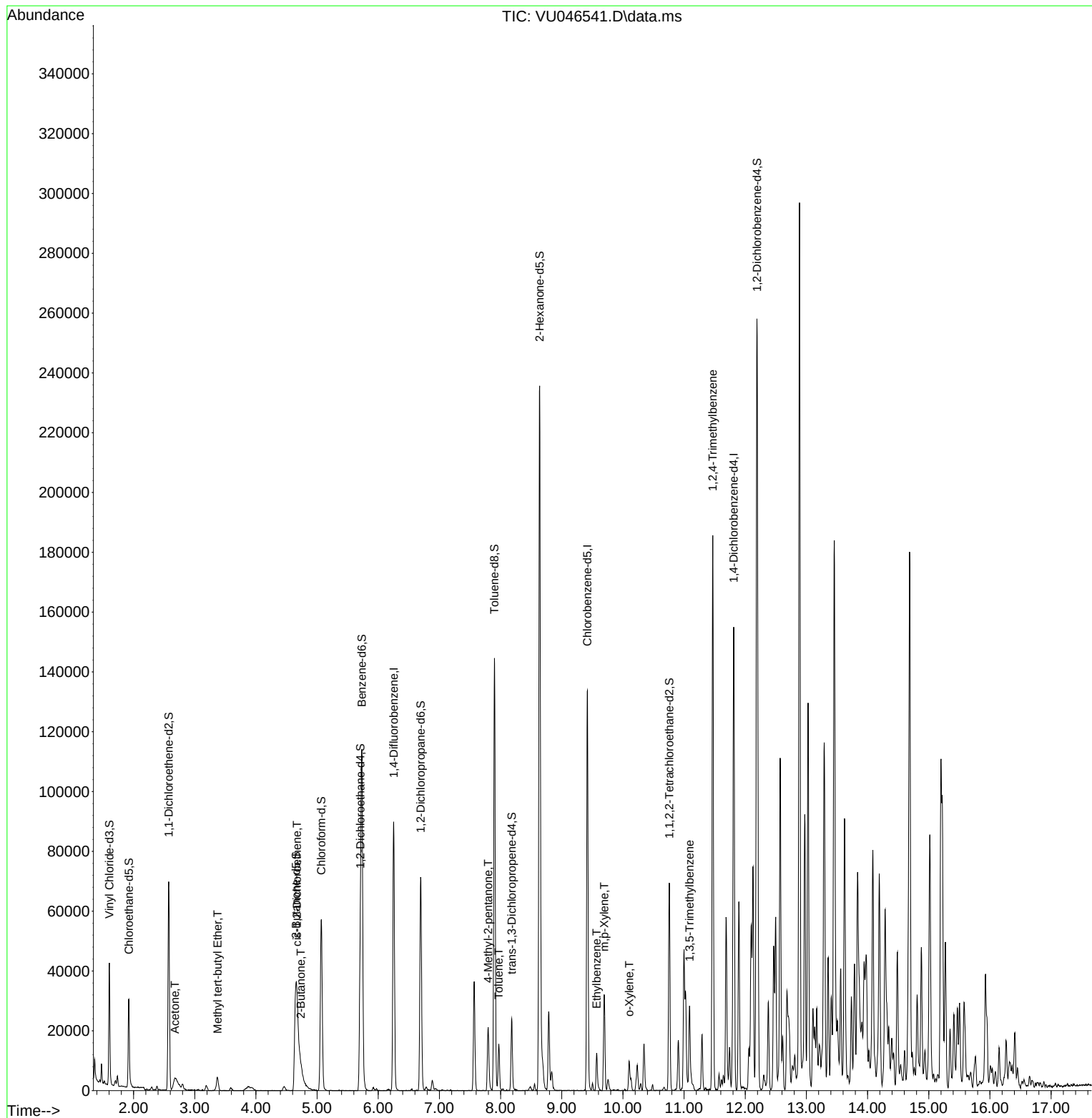
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
Data File : VU046541.D
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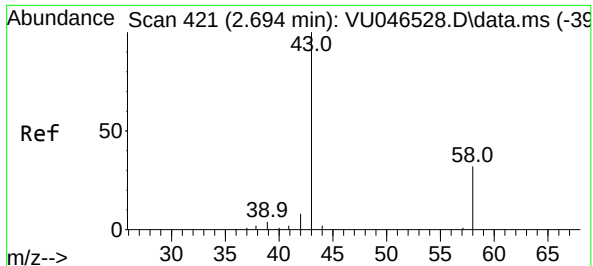
Instrument :
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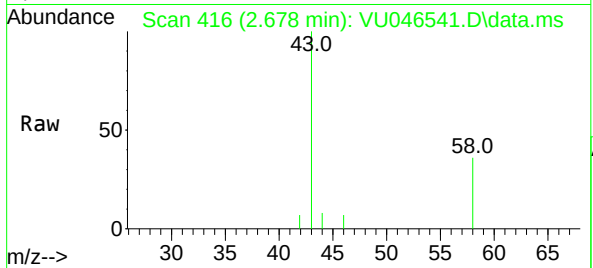
Quant Time: Dec 22 05:48:22 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMUTR122121WMA.M
Quant Title : TRACE VOA SFAM1.0
QLast Update : Tue Dec 21 14:35:13 2021
Response via : Initial Calibration





#13
Acetone
Concen: 10.433 ug/L m
RT: 2.678 min Scan# 41
Delta R.T. -0.007 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

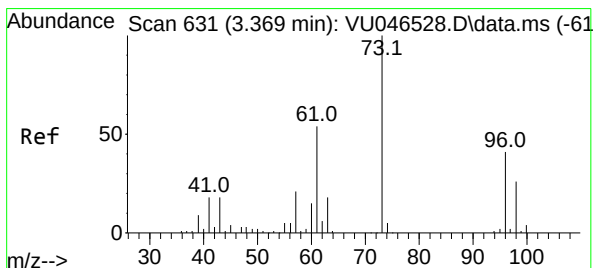
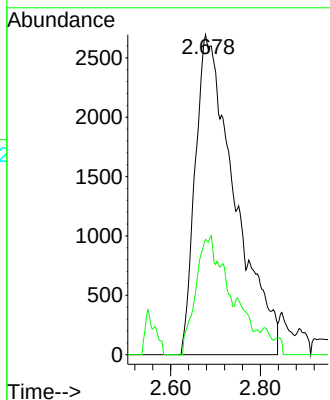
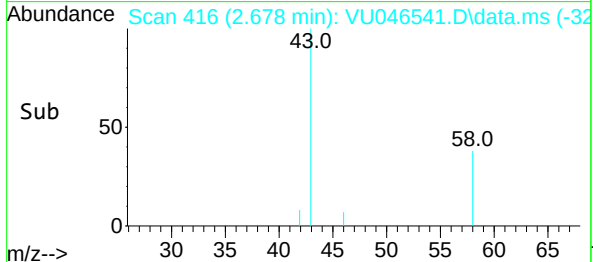
Instrument :
MSVOA_U
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Tgt Ion: 43 Resp: 1641
Ion Ratio Lower Upper
43 100
58 17.5 0.0 71.6

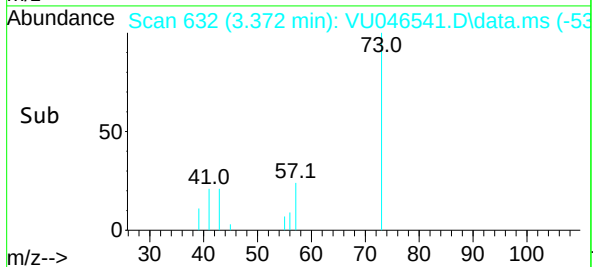
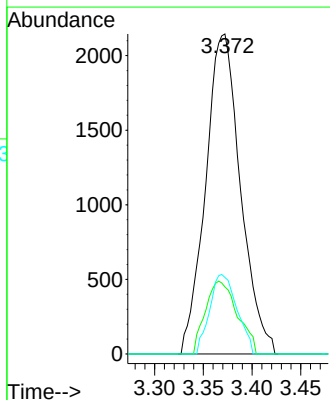
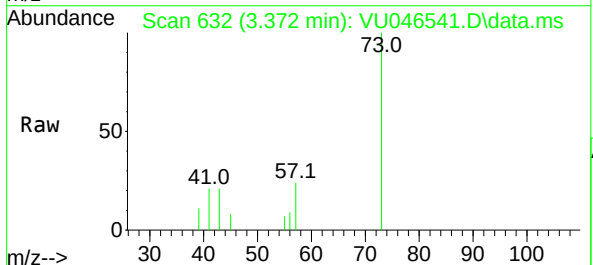
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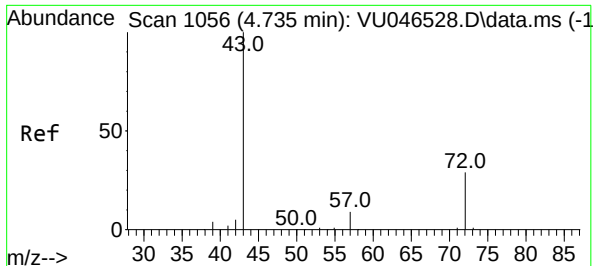
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#17
Methyl tert-butyl Ether
Concen: 0.284 ug/L
RT: 3.372 min Scan# 632
Delta R.T. 0.013 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

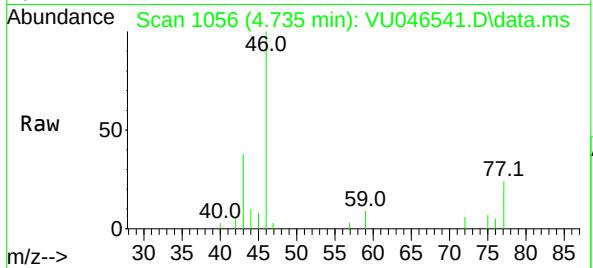
Tgt Ion: 73 Resp: 5352
Ion Ratio Lower Upper
73 100
43 20.8 14.8 22.2
57 19.5 17.4 26.0





#21
2-Butanone
Concen: 2.979 ug/L m
RT: 4.735 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

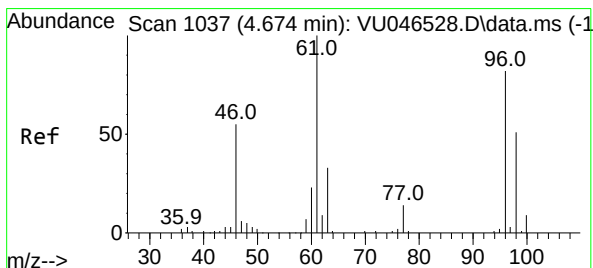
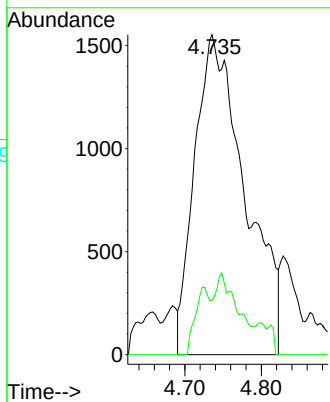
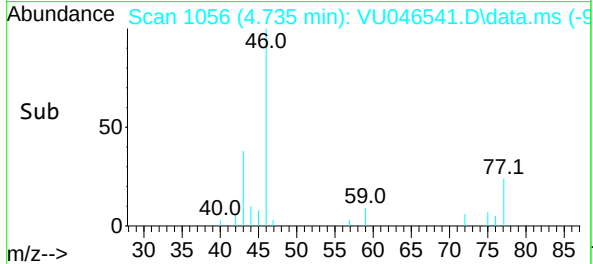
Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 43 Resp: 711
Ion Ratio Lower Upper
43 100
72 5.8 14.1 42.3

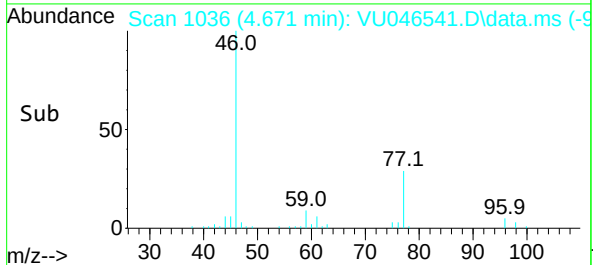
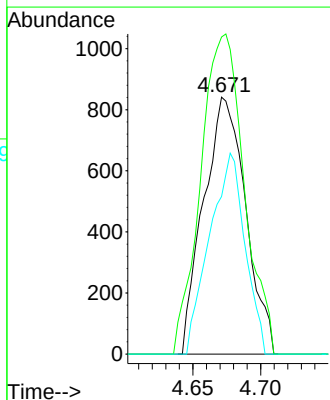
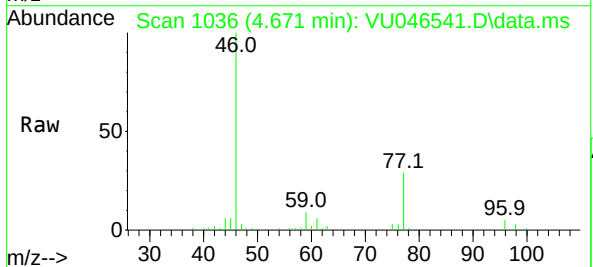
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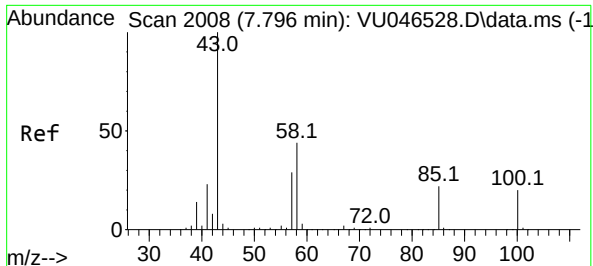
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#22
cis-1,2-Dichloroethene
Concen: 0.241 ug/L
RT: 4.671 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

Tgt Ion: 96 Resp: 1816
Ion Ratio Lower Upper
96 100
61 123.4 88.5 164.3
98 61.4 44.4 82.5





#40

4-Methyl-2-pentanone

Concen: 2.661 ug/L

RT: 7.796 min Scan# 2008

Delta R.T. -0.000 min

Lab File: VU046541.D

Acq: 21 Dec 2021 22:33

Instrument :

MSVOA_U

ClientSampleId :

H0AN6

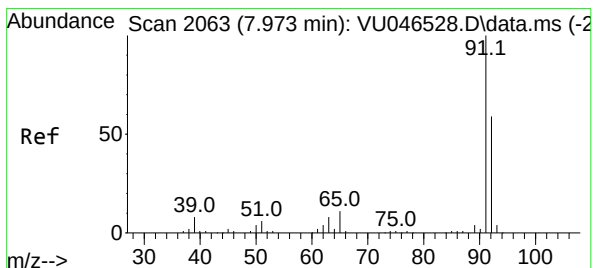
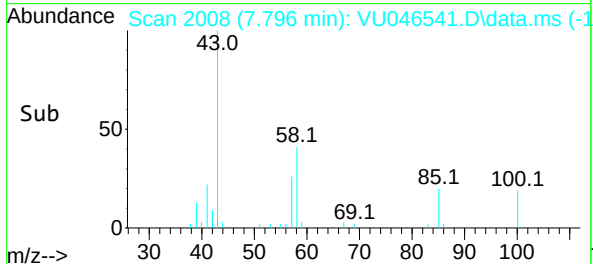
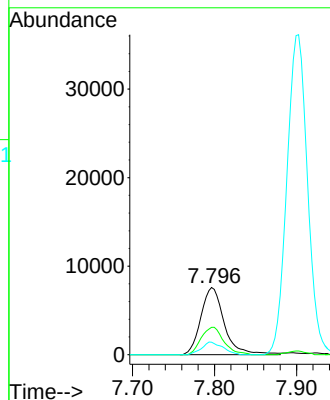
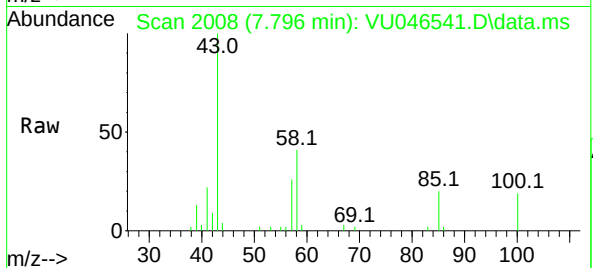
Tgt Ion: 43 Resp: 15040
 Ion Ratio Lower Upper
 43 100
 58 39.4 33.1 49.7
 100 16.9 13.2 19.8

Manual Integrations

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#42

Toluene

Concen: 0.376 ug/L

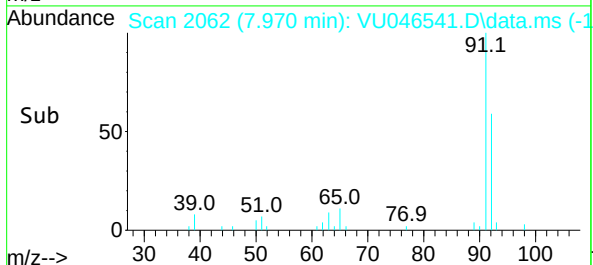
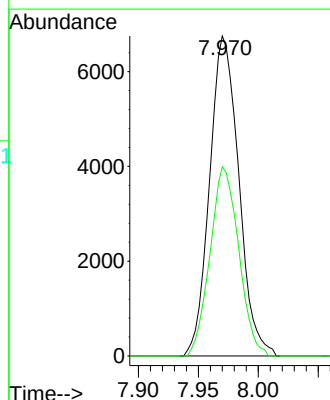
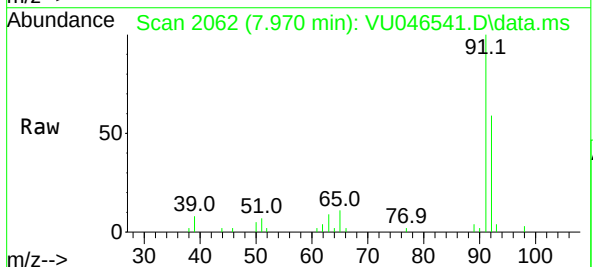
RT: 7.970 min Scan# 2062

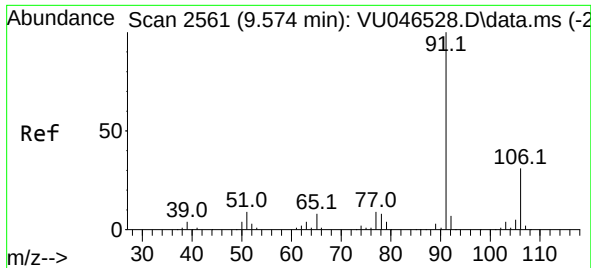
Delta R.T. -0.000 min

Lab File: VU046541.D

Acq: 21 Dec 2021 22:33

Tgt Ion: 91 Resp: 11408
 Ion Ratio Lower Upper
 91 100
 92 59.1 41.3 76.7





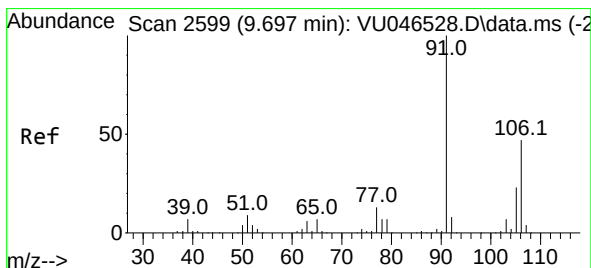
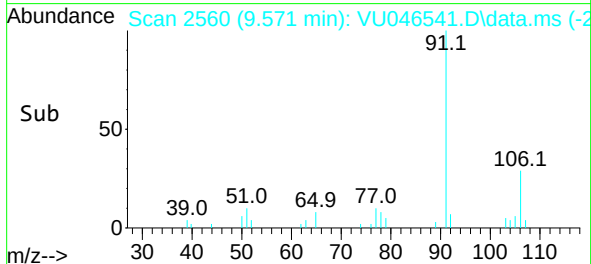
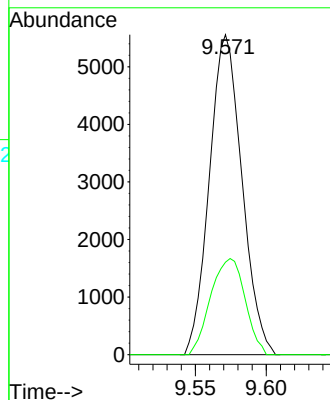
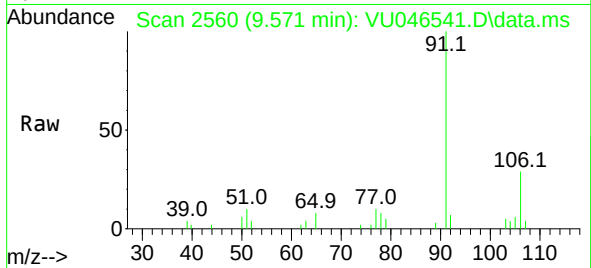
#52
Ethylbenzene
Concen: 0.283 ug/L
RT: 9.571 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Tgt Ion: 91 Resp: 887
Ion Ratio Lower Upper
91 100
106 28.9 21.5 39.9

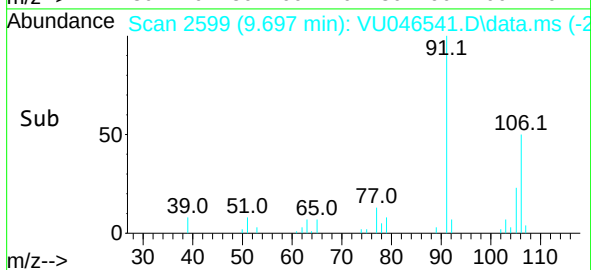
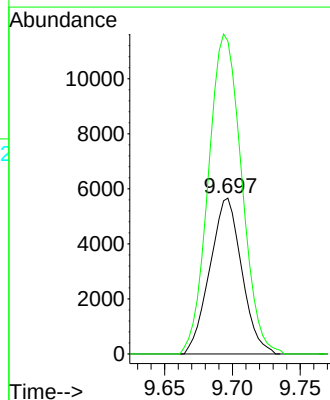
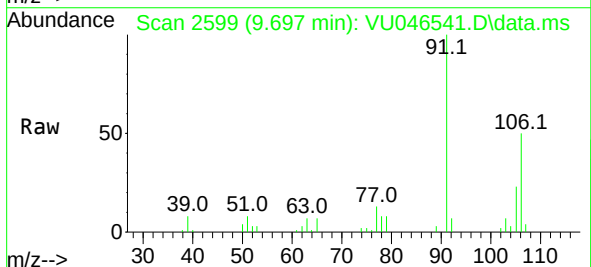
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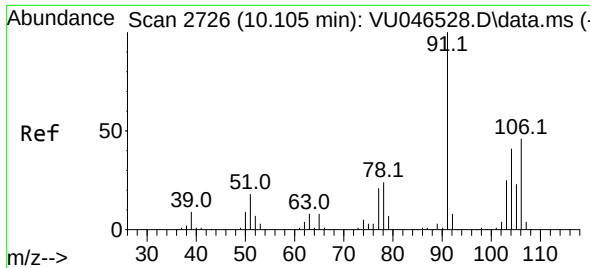
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#53
m,p-Xylene
Concen: 0.771 ug/L
RT: 9.697 min Scan# 2599
Delta R.T. -0.000 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

Tgt Ion:106 Resp: 9266
Ion Ratio Lower Upper
106 100
91 200.8 139.4 259.0





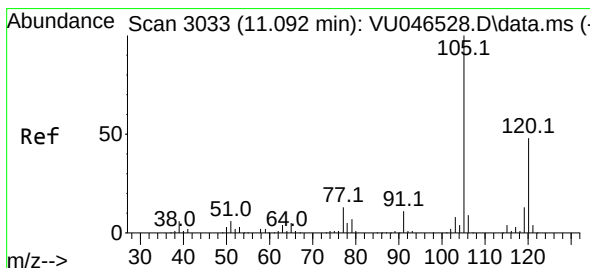
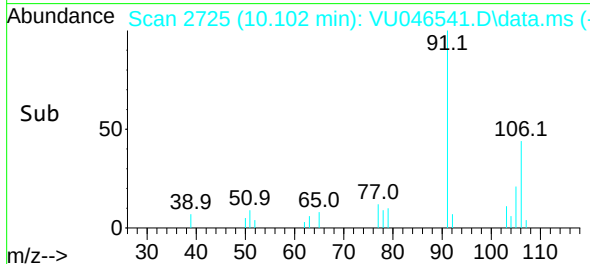
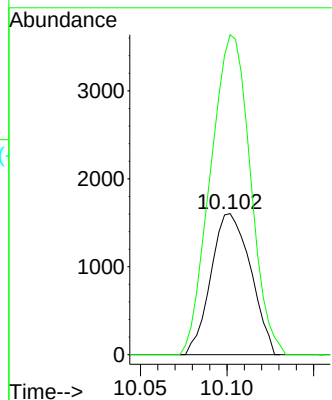
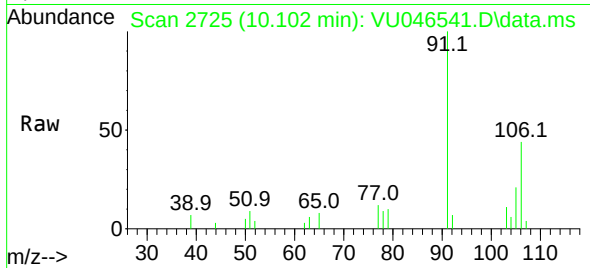
#54
o-Xylene
Concen: 0.221 ug/L
RT: 10.102 min Scan# 21
Delta R.T. -0.000 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

Instrument :
MSVOA_U
ClientSampleId :
H0AN6

Tgt Ion:106 Resp: 2554
Ion Ratio Lower Upper
106 100
91 226.7 147.5 273.9

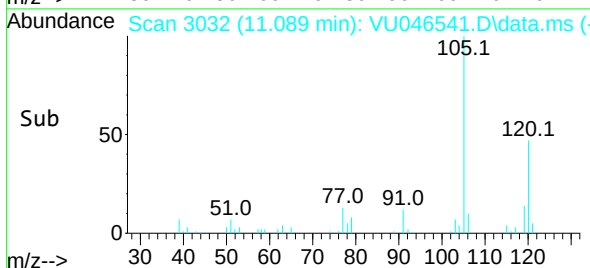
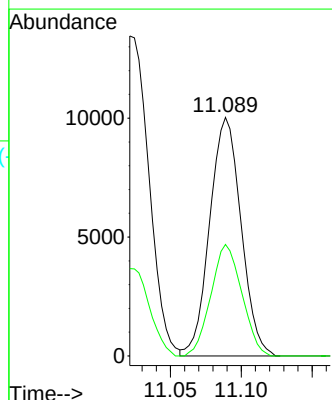
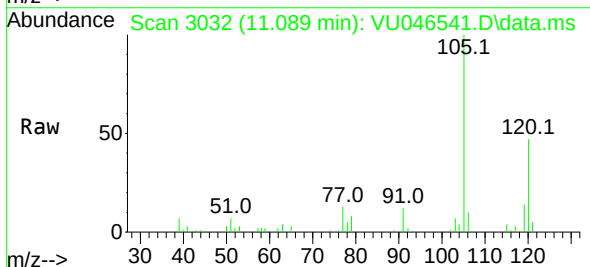
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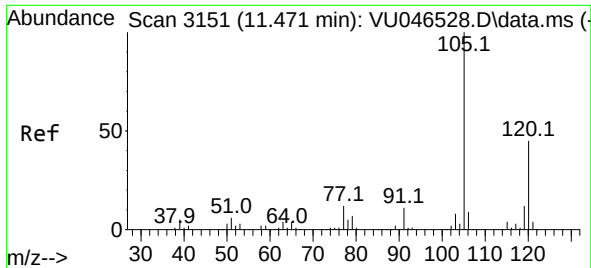
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#62
1,3,5-Trimethylbenzene
Concen: 0.616 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046541.D
Acq: 21 Dec 2021 22:33

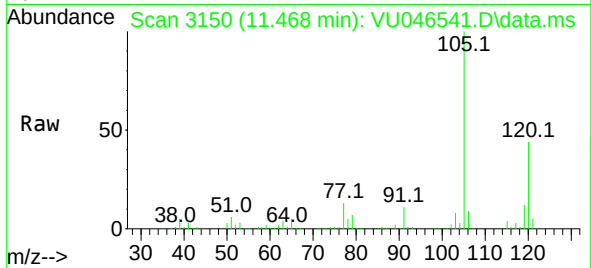
Tgt Ion:105 Resp: 15462
Ion Ratio Lower Upper
105 100
120 46.0 38.3 57.5





#63
 1,2,4-Trimethylbenzene
 Concen: 3.915 ug/L
 RT: 11.468 min Scan# 3150
 Delta R.T. -0.003 min
 Lab File: VU046541.D
 Acq: 21 Dec 2021 22:33

Instrument : MSVOA_U
 ClientSampleId : H0AN6



Tgt Ion:105 Resp: 99000
 Ion Ratio Lower Upper
 105 100
 120 44.4 35.8 53.8

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