

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046045.D
 Acq On : 02 Dec 2021 12:28
 Operator : SY/MD
 Sample : M4868-02
 Misc : 6.84g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN9

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/03/2021
 Supervised By : Mahesh Dadoda 12/03/2021

Quant Time: Dec 03 05:09:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 03 05:08:36 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	201860	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	195737	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.825	152	94487	50.000	ug/L	0.01
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	102139	61.425	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 122.860%			
7) Chloroethane-d5	1.916	69	72085	56.462	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 112.920%			
11) 1,1-Dichloroethene-d2	2.543	63	107671	36.070	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.140%			
21) 2-Butanone-d5	4.661	46	168258	127.289	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery = 127.290%			
24) Chloroform-d	5.067	84	178458	64.267	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 128.540%#			
26) 1,2-Dichloroethane-d4	5.706	65	123521	66.282	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 132.560%#			
32) Benzene-d6	5.726	84	388245	69.204	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 138.400%#			
36) 1,2-Dichloropropane-d6	6.694	67	122847	70.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 141.300%#			
41) Toluene-d8	7.903	98	351430	68.799	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 137.600%#			
43) trans-1,3-Dichloroprop...	8.185	79	57861	68.938	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 137.880%#			
47) 2-Hexanone-d5	8.690	63	117444	142.464	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery = 142.460%#			
56) 1,1,2,2-Tetrachloroeth...	10.777	84	165643	62.820	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery = 125.640%#			
66) 1,2-Dichlorobenzene-d4	12.205	152	130090	71.492	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 142.980%#			
Target Compounds					Qvalue	
13) Acetone	2.678	43	5968m	3.613	ug/L	
42) Toluene	7.973	91	8685	1.366	ug/L	97
52) Ethylbenzene	9.578	91	23330	3.410	ug/L	99
53) m,p-Xylene	9.703	106	28238	10.584	ug/L	97
54) o-xylene	10.115	106	7457	2.880	ug/L	98
62) 1,3,5-Trimethylbenzene	11.099	105	5042	0.984	ug/L	99
63) 1,2,4-Trimethylbenzene	11.475	105	16211	3.162	ug/L	100
70) 1,2,4-trichlorobenzene	13.844	180	2082	1.103	ug/L	92
72) 1,2,3-Trichlorobenzene	14.336	180	1291	0.670	ug/L	91

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

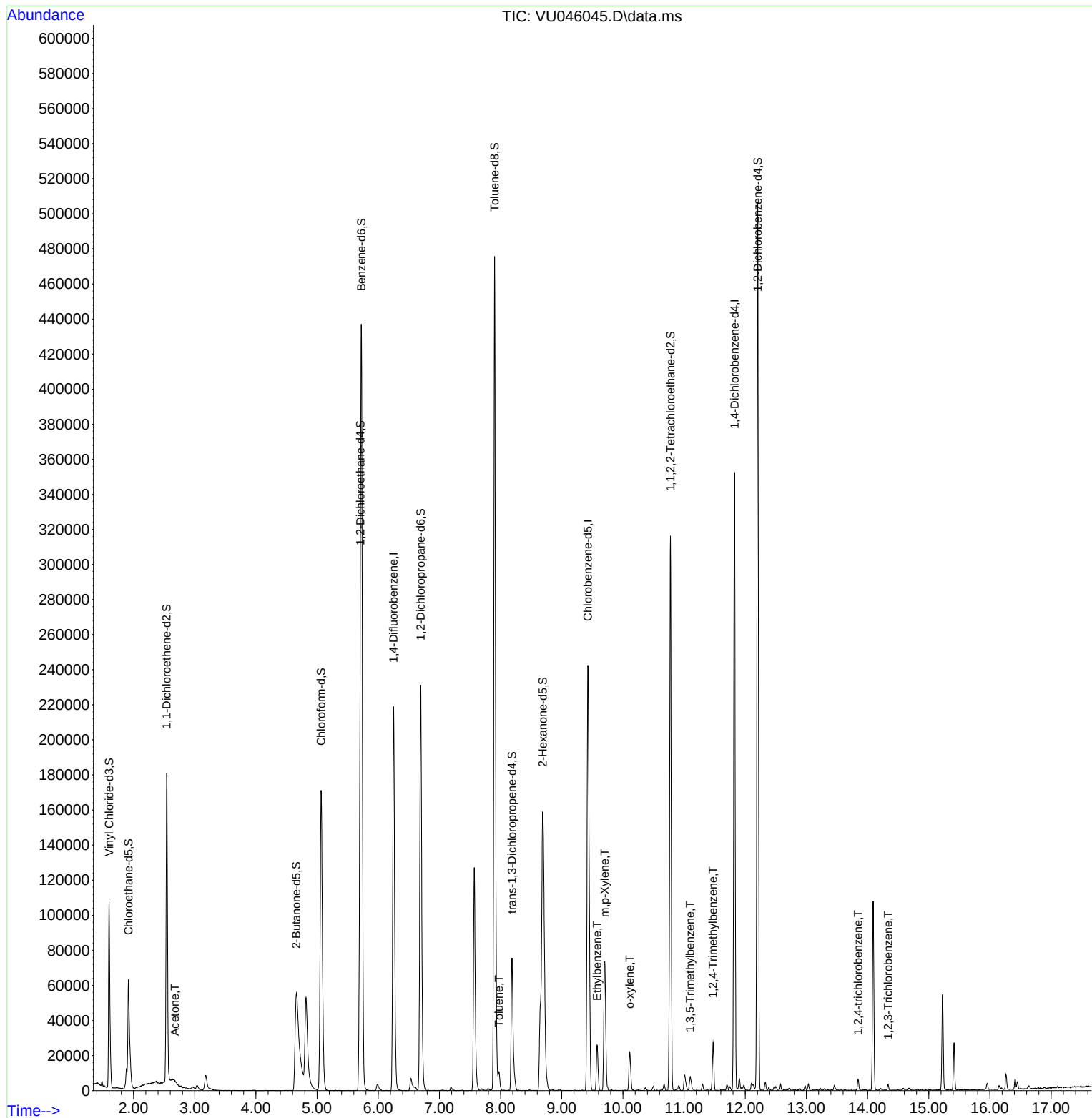
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
Data File : VU046045.D
Acq On : 02 Dec 2021 12:28
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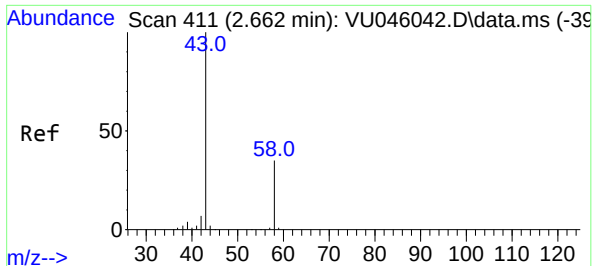
Instrument :
MSVOA_U
ClientSampleId :
BGKN9

Quant Time: Dec 03 05:09:40 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM112921WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration

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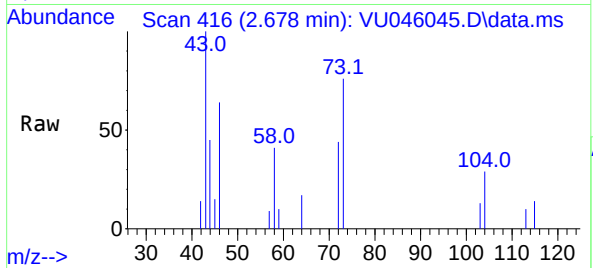
Reviewed By : John Carlone 12/03/2021
Supervised By : Mahesh Dadoda 12/03/2021





#13
Acetone
Concen: 3.613 ug/L m
RT: 2.678 min Scan# 411
Delta R.T. 0.016 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

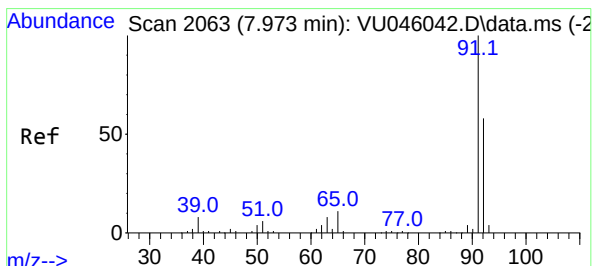
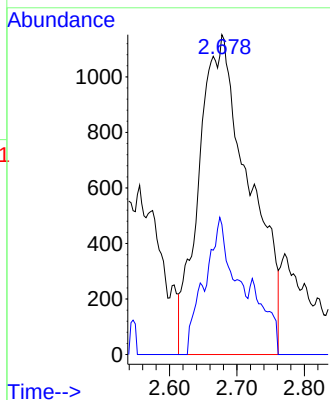
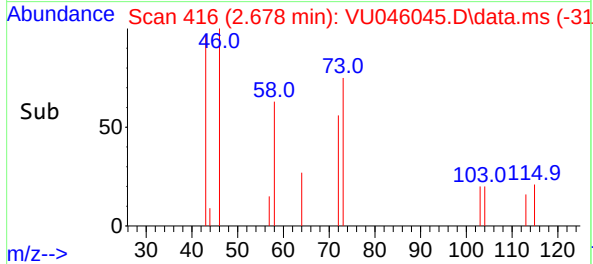
Instrument :
MSVOA_U
ClientSampleId :
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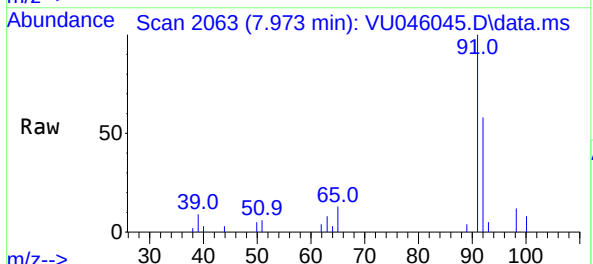
Tgt Ion: 43 Resp: 5968
Ion Ratio Lower Upper
43 100
58 2.7 0.0 66.8

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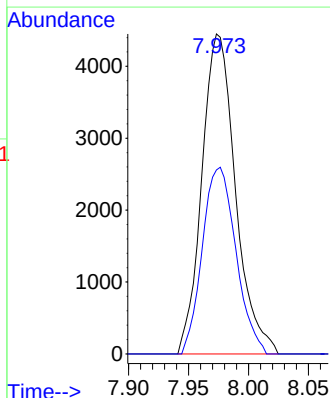
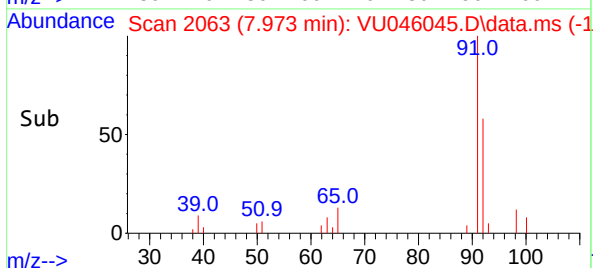
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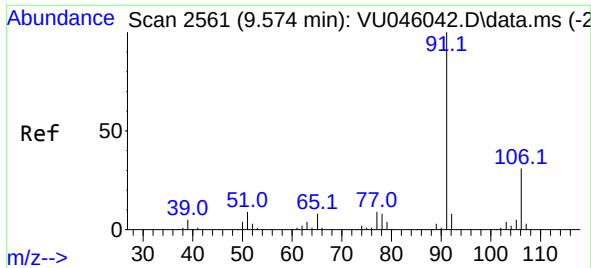


#42
Toluene
Concen: 1.366 ug/L
RT: 7.973 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28



Tgt Ion: 91 Resp: 8685
Ion Ratio Lower Upper
91 100
92 57.5 41.9 77.7





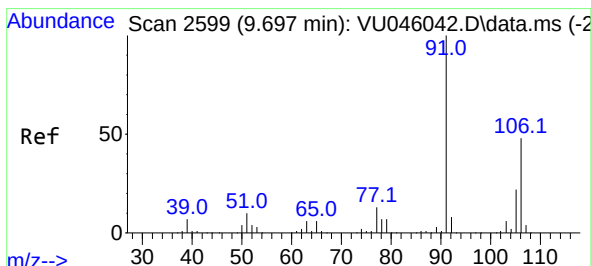
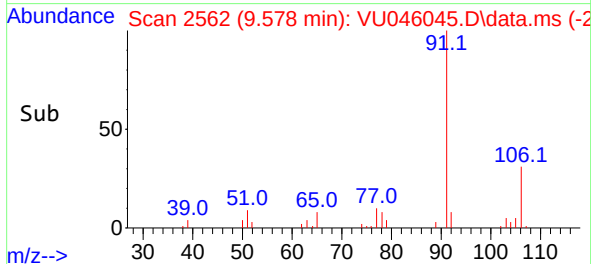
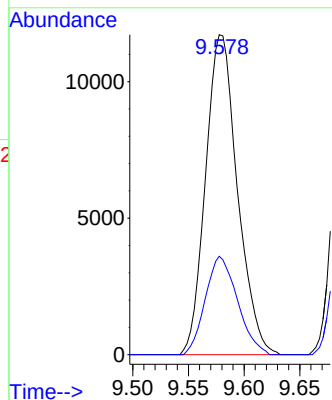
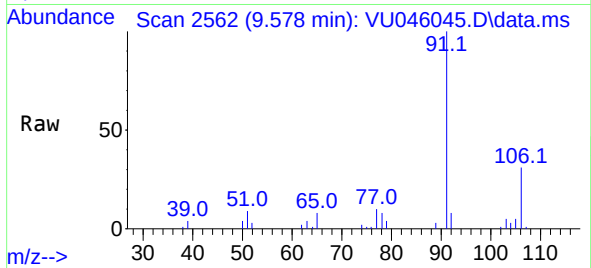
#52
Ethylbenzene
Concen: 3.410 ug/L
RT: 9.578 min Scan# 2561
Delta R.T. 0.003 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion: 91 Resp: 23330
Ion Ratio Lower Upper
91 100
106 30.7 21.1 39.3

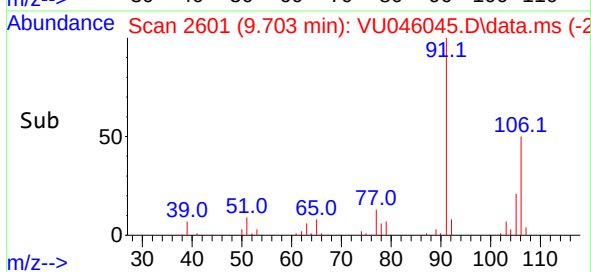
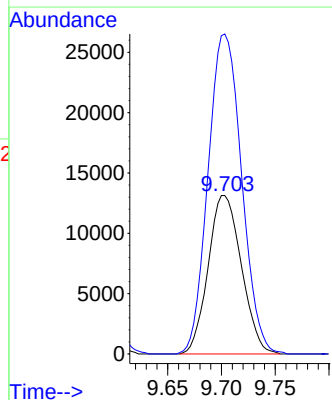
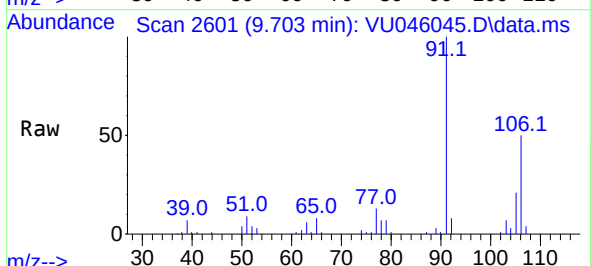
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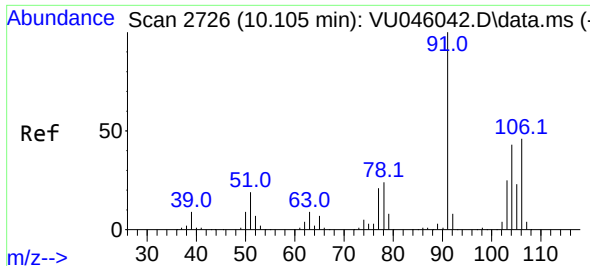
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#53
m,p-Xylene
Concen: 10.584 ug/L
RT: 9.703 min Scan# 2601
Delta R.T. 0.006 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Tgt Ion:106 Resp: 28238
Ion Ratio Lower Upper
106 100
91 201.9 144.3 268.1





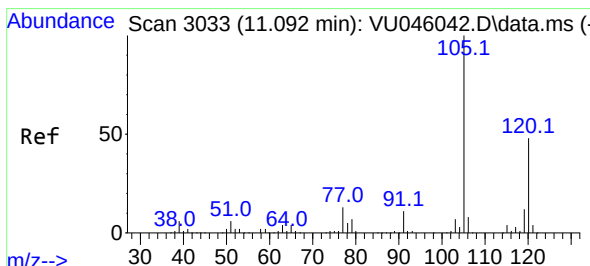
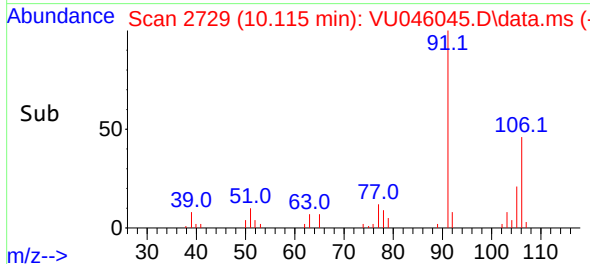
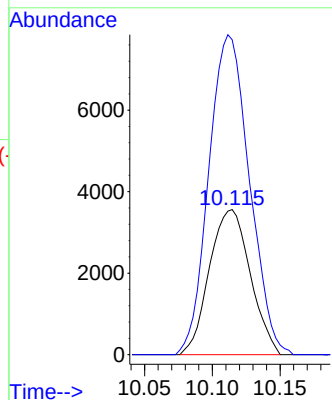
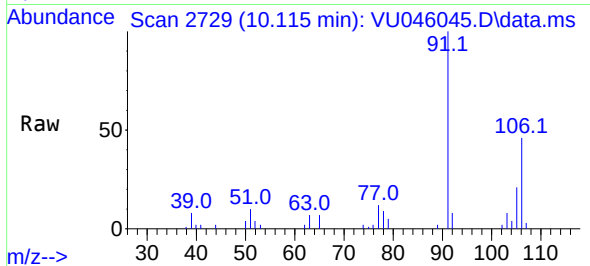
#54
o-xylene
Concen: 2.880 ug/L
RT: 10.115 min Scan# 21
Delta R.T. 0.010 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

Instrument :
MSVOA_U
ClientSampleId :
BGKN9

Tgt Ion:106 Resp: 745
Ion Ratio Lower Upper
106 100
91 217.0 154.2 286.4

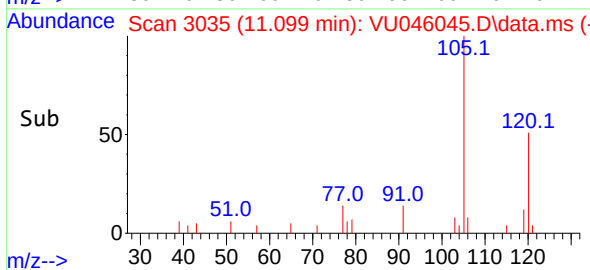
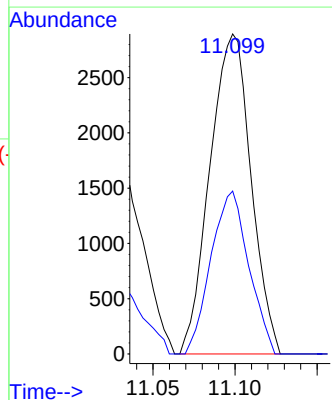
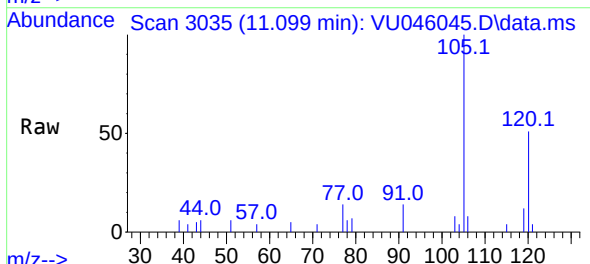
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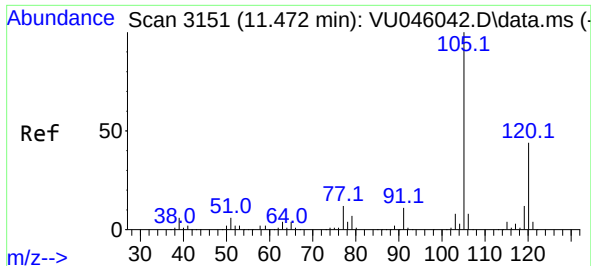
Reviewed By :John Carlone 12/03/2021
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#62
1,3,5-Trimethylbenzene
Concen: 0.984 ug/L
RT: 11.099 min Scan# 3035
Delta R.T. 0.006 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

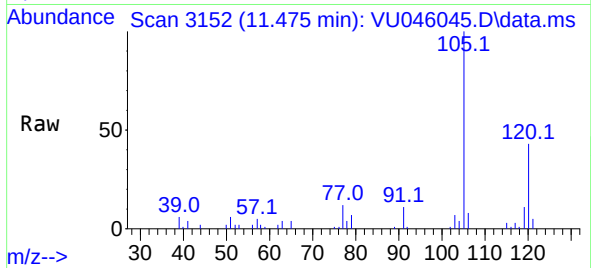
Tgt Ion:105 Resp: 5042
Ion Ratio Lower Upper
105 100
120 46.7 37.8 56.6





#63
1,2,4-Trimethylbenzene
Concen: 3.162 ug/L
RT: 11.475 min Scan# 3151
Delta R.T. 0.003 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28

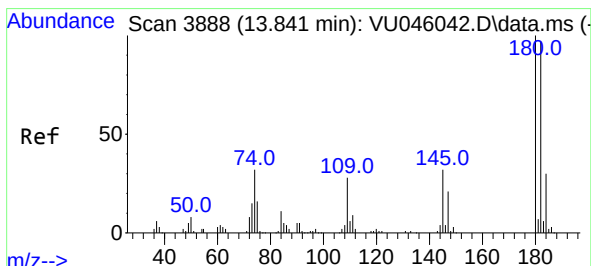
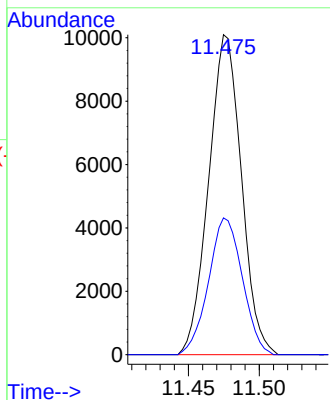
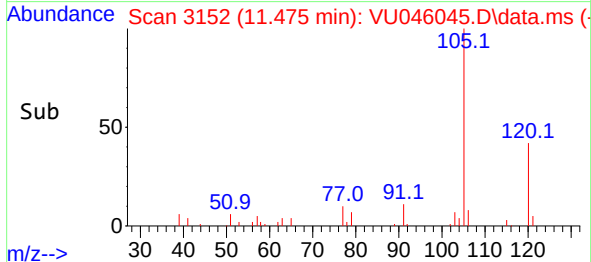
Instrument :
MSVOA_U
ClientSampleId :
BGKN9



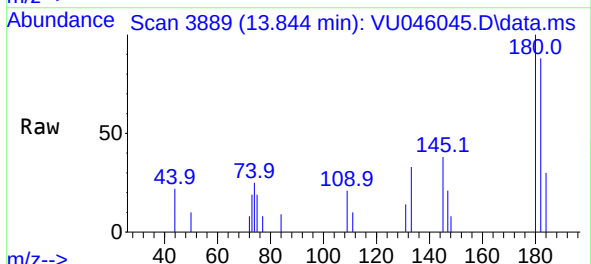
Tgt Ion:105 Resp: 1621
Ion Ratio Lower Upper
105 100
120 44.2 35.2 52.8

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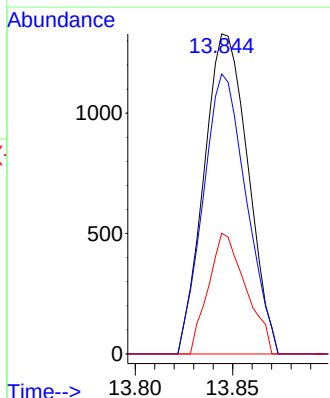
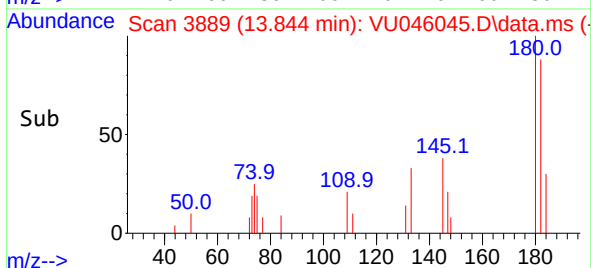
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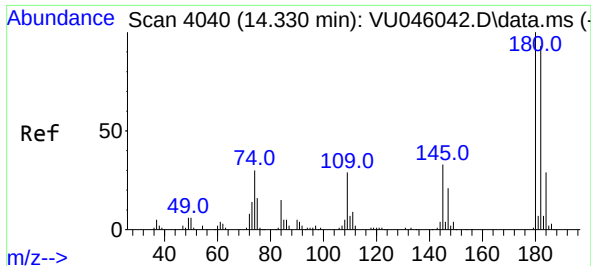


#70
1,2,4-trichlorobenzene
Concen: 1.103 ug/L
RT: 13.844 min Scan# 3889
Delta R.T. 0.003 min
Lab File: VU046045.D
Acq: 02 Dec 2021 12:28



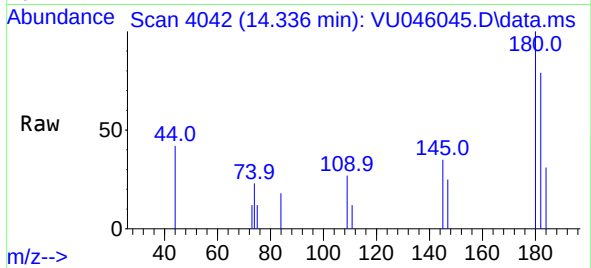
Tgt Ion:180 Resp: 2082
Ion Ratio Lower Upper
180 100
182 85.7 76.7 115.1
145 32.2 26.0 39.0





#72
 1,2,3-Trichlorobenzene
 Concen: 0.670 ug/L
 RT: 14.336 min Scan# 4042
 Delta R.T. 0.006 min
 Lab File: VU046045.D
 Acq: 02 Dec 2021 12:28

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKN9



Tgt Ion:180 Resp: 129

Ion	Ratio	Lower	Upper
180	100		
182	85.6	76.0	114.0
145	37.6	27.3	40.9

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