

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
 Data File : VU046542.D
 Acq On : 21 Dec 2021 22:57
 Operator : SY/MD
 Sample : M5170-02
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 H0AN7

Quant Time: Dec 22 05:48:29 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

Manual Integrations APPROVED

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

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

Internal Standards						
1) 1,4-Difluorobenzene	6.253	114	84149	5.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	81781	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.813	152	43004	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	31362	4.732	ug/L	0.01
Spiked Amount 5.000	Range 40 - 130		Recovery =	94.600%		
7) Chloroethane-d5	1.922	69	24678	4.728	ug/L	0.01
Spiked Amount 5.000	Range 65 - 130		Recovery =	94.600%		
11) 1,1-Dichloroethene-d2	2.575	65	13083	4.681	ug/L	0.01
Spiked Amount 5.000	Range 60 - 125		Recovery =	93.600%		
20) 2-Butanone-d5	4.665	46	99027	51.507	ug/L	0.01
Spiked Amount 50.000	Range 40 - 130		Recovery =	103.020%		
24) Chloroform-d	5.070	84	55606	4.578	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	91.600%		
26) 1,2-Dichloroethane-d4	5.707	65	34665	4.993	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	99.800%		
32) Benzene-d6	5.732	84	112696	4.943	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery =	98.800%		
36) 1,2-Dichloropropane-d6	6.694	67	33200	4.846	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery =	97.000%		
41) Toluene-d8	7.900	98	100091	4.837	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery =	96.800%		
43) trans-1,3-Dichloroprop...	8.182	79	14914	4.707	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery =	94.200%		
46) 2-Hexanone-d5	8.636	63	97355	52.337	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery =	104.680%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	33541	4.770	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery =	95.400%		
66) 1,2-Dichlorobenzene-d4	12.192	152	40030	5.053	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery =	101.000%		
Target Compounds					Qvalue	
13) Acetone	2.694	43	26775m	14.854	ug/L	
21) 2-Butanone	4.739	43	12418m	4.541	ug/L	
33) Benzene	5.774	78	5923	0.182	ug/L	100
40) 4-Methyl-2-pentanone	7.797	43	20657	3.320	ug/L	98
42) Toluene	7.970	91	24310	0.729	ug/L	99
52) Ethylbenzene	9.572	91	16705	0.484	ug/L	99
53) m,p-Xylene	9.694	106	15784	1.193	ug/L	88
54) o-Xylene	10.102	106	4315	0.340	ug/L	88
62) 1,3,5-Trimethylbenzene	11.089	105	13205	0.479	ug/L	98
63) 1,2,4-Trimethylbenzene	11.469	105	79241	2.853	ug/L	99

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

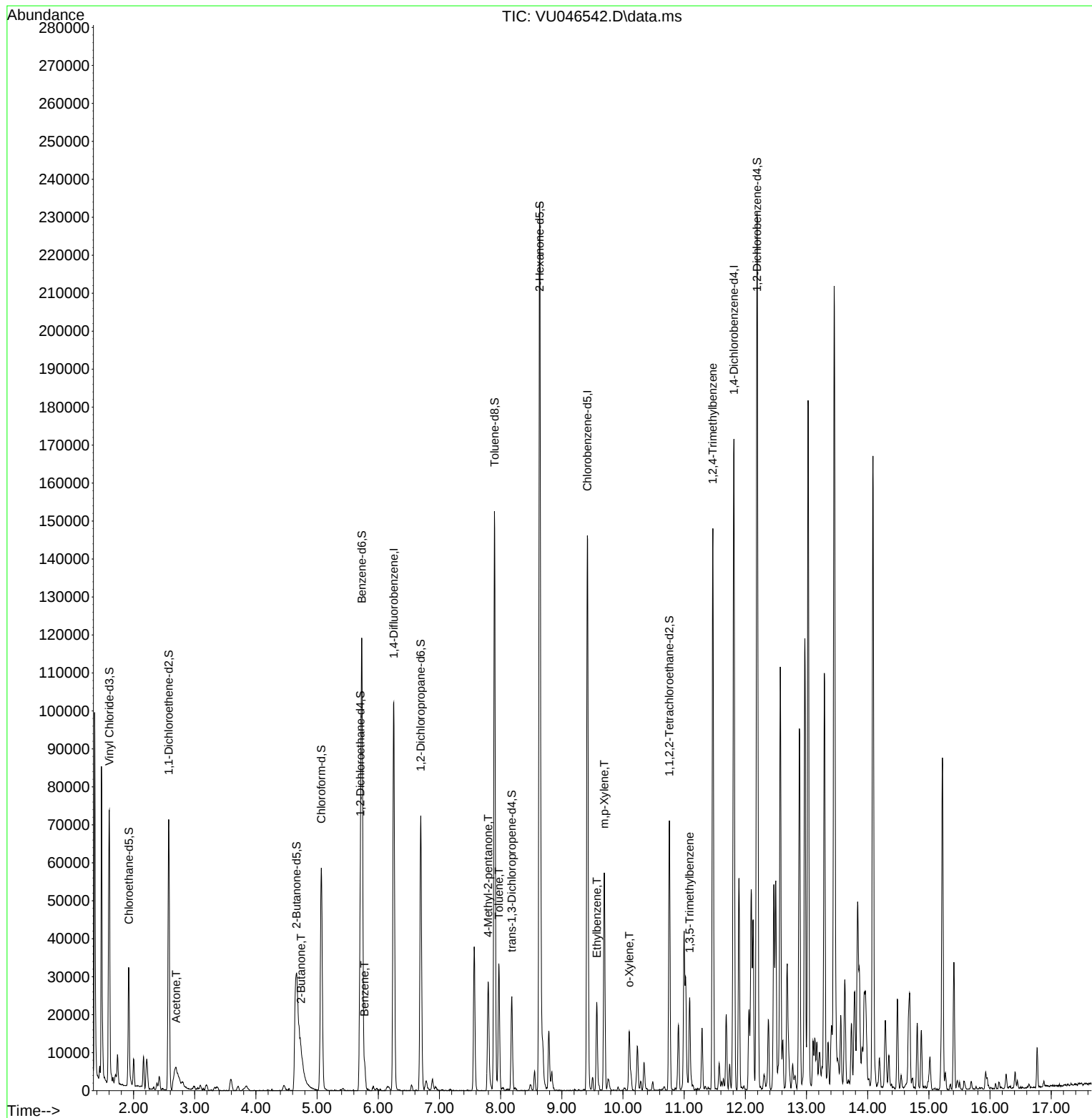
Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU122121\
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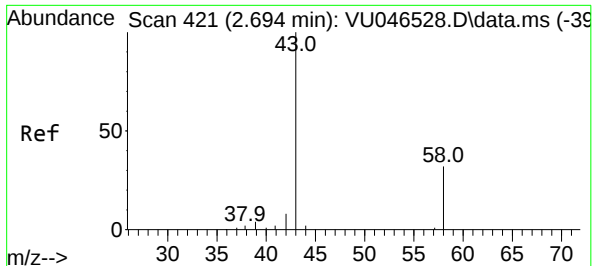
Instrument :
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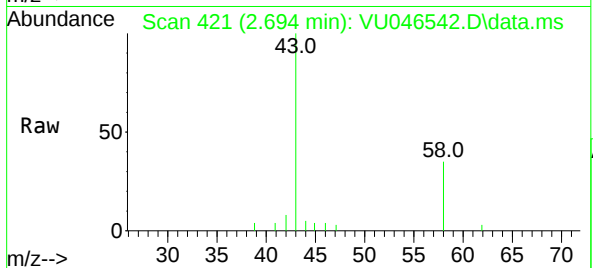
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021





#13
Acetone
Concen: 14.854 ug/L m
RT: 2.694 min Scan# 41
Delta R.T. 0.010 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

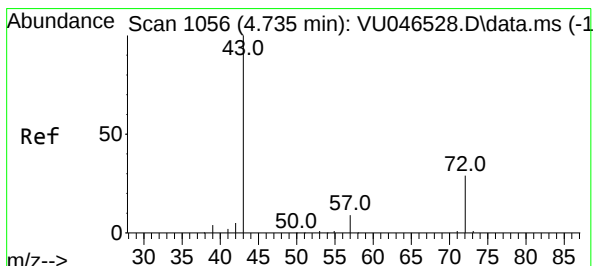
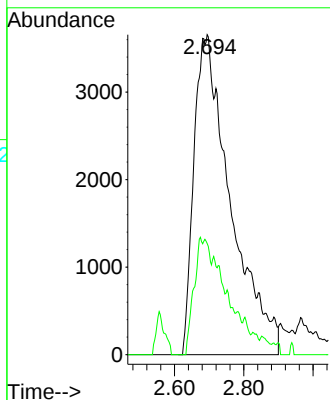
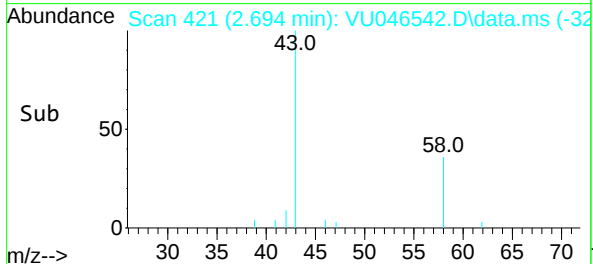
Instrument :
MSVOA_U
ClientSampleId :
H0AN7



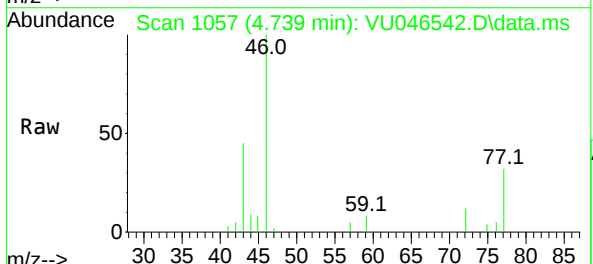
Tgt Ion: 43 Resp: 2677
Ion Ratio Lower Upper
43 100
58 8.9 0.0 71.6

Manual Integrations
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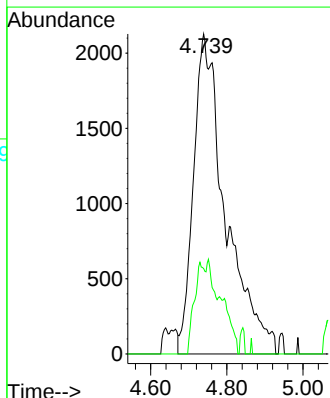
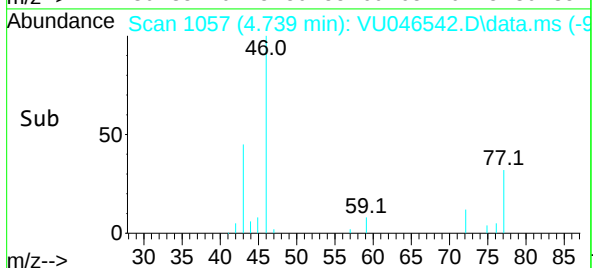
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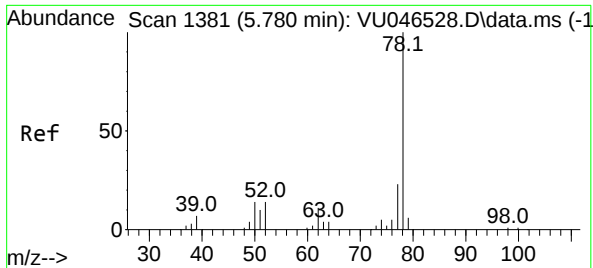


#21
2-Butanone
Concen: 4.541 ug/L m
RT: 4.739 min Scan# 1057
Delta R.T. 0.010 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57



Tgt Ion: 43 Resp: 12418
Ion Ratio Lower Upper
43 100
72 10.0 14.1 42.3#





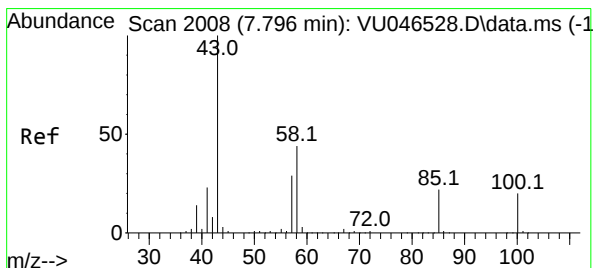
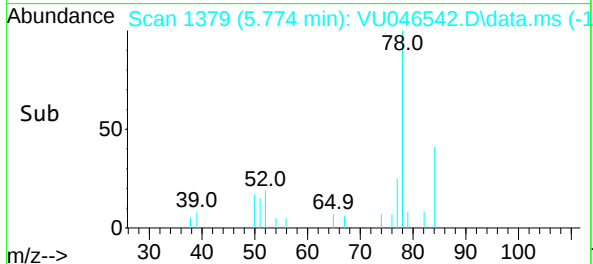
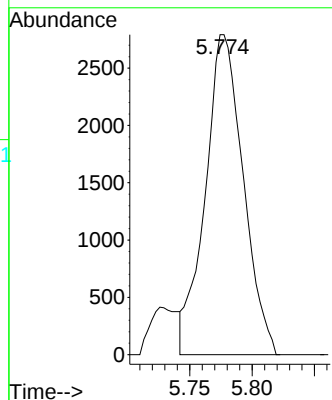
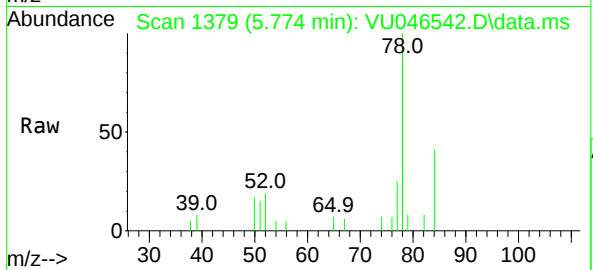
#33
Benzene
Concen: 0.182 ug/L
RT: 5.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Instrument :
MSVOA_U
ClientSampleId :
H0AN7

Tgt Ion: 78 Resp: 592

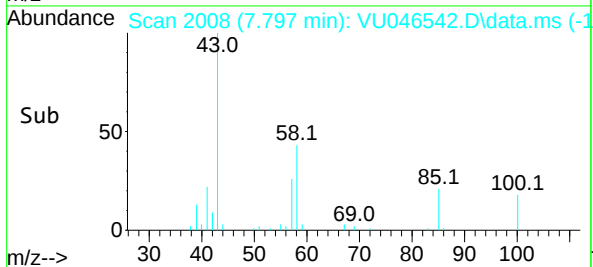
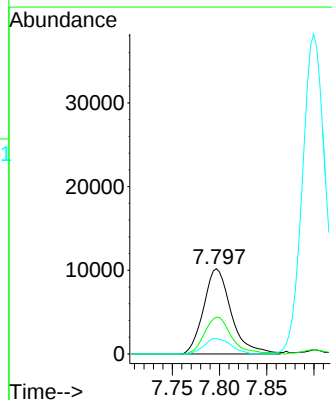
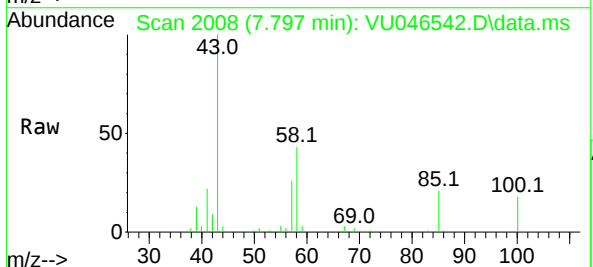
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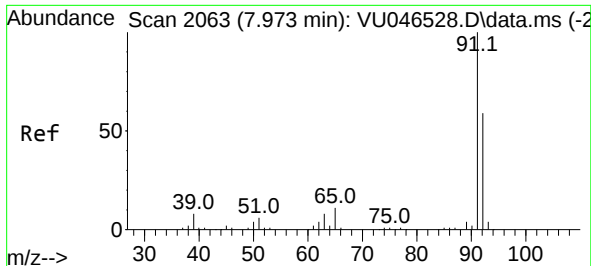
Reviewed By :Amit Patel 12/24/2021
Supervised By :Mahesh Dadoda 12/28/2021



#40
4-Methyl-2-pentanone
Concen: 3.320 ug/L
RT: 7.797 min Scan# 2008
Delta R.T. 0.000 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Tgt Ion: 43 Resp: 20657
Ion Ratio Lower Upper
43 100
58 42.2 33.1 49.7
100 17.6 13.2 19.8





#42

Toluene

Concen: 0.729 ug/L

RT: 7.970 min Scan# 2063

Delta R.T. 0.000 min

Lab File: VU046542.D

Acq: 21 Dec 2021 22:57

Instrument :

MSVOA_U

ClientSampleId :

H0AN7

Tgt Ion: 91 Resp: 24310

Ion Ratio Lower Upper

91 100

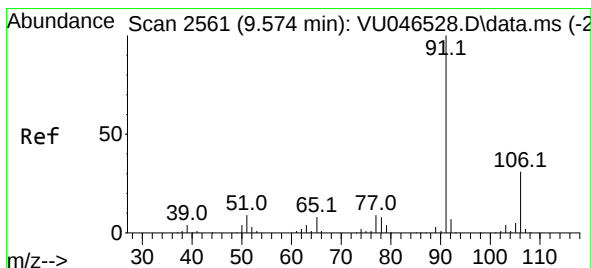
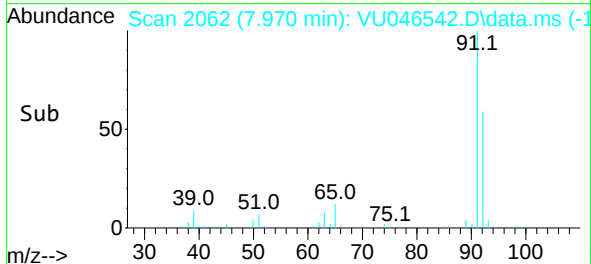
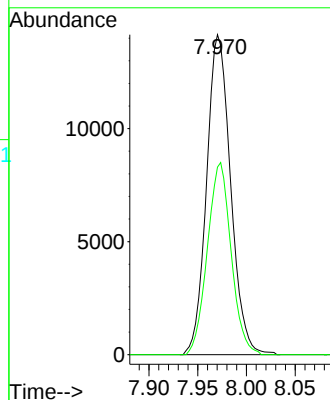
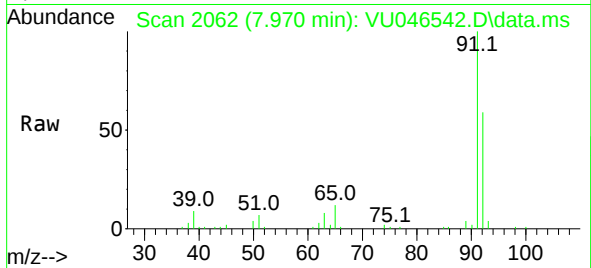
92 58.6 41.3 76.7

Manual Integrations

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#52

Ethylbenzene

Concen: 0.484 ug/L

RT: 9.572 min Scan# 2560

Delta R.T. 0.000 min

Lab File: VU046542.D

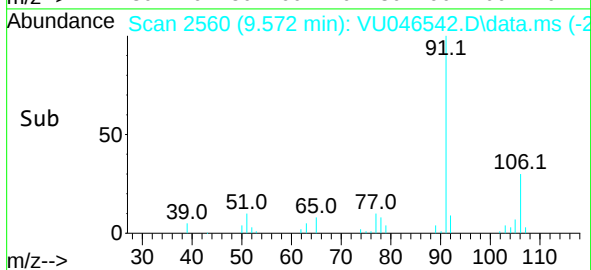
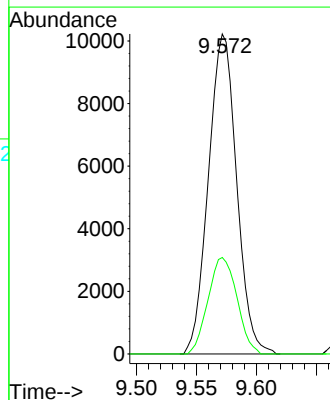
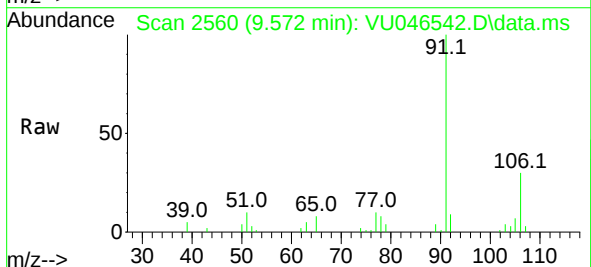
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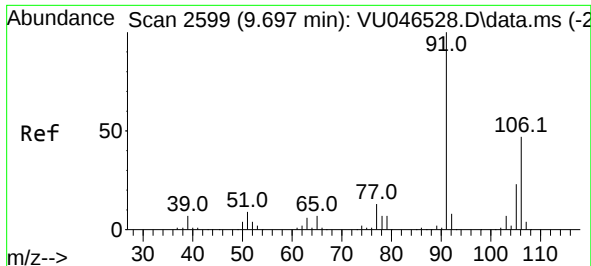
Tgt Ion: 91 Resp: 16705

Ion Ratio Lower Upper

91 100

106 30.2 21.5 39.9





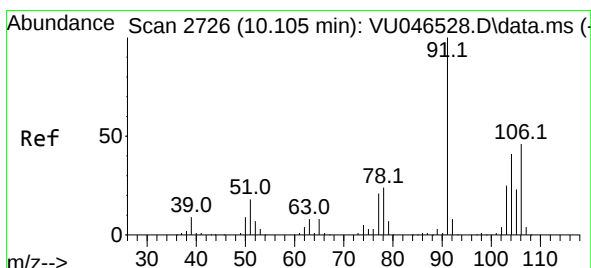
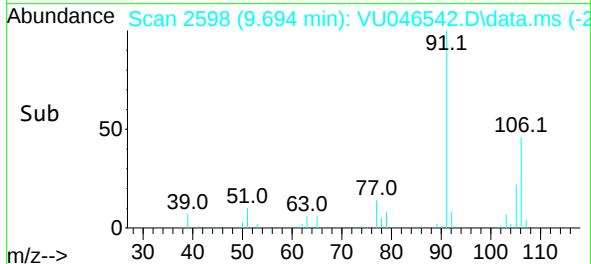
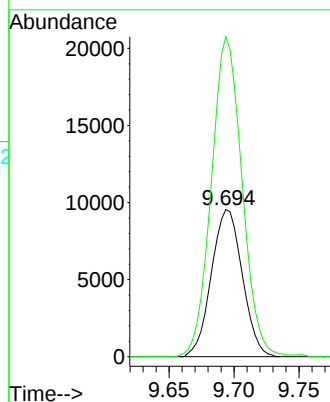
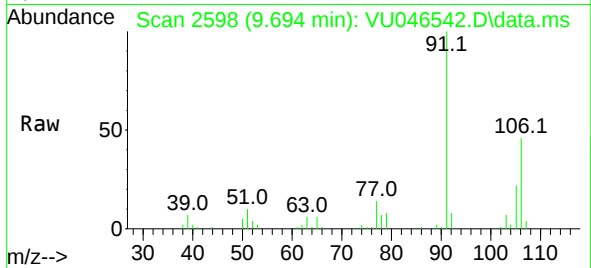
#53
m,p-Xylene
Concen: 1.193 ug/L
RT: 9.694 min Scan# 21
Delta R.T. -0.003 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Instrument :
MSVOA_U
ClientSampleId :
H0AN7

Tgt Ion:106 Resp: 15784
Ion Ratio Lower Upper
106 100
91 217.3 139.4 259.0

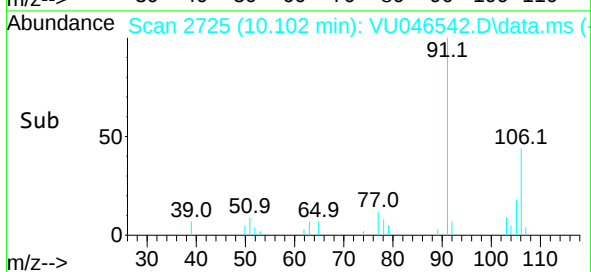
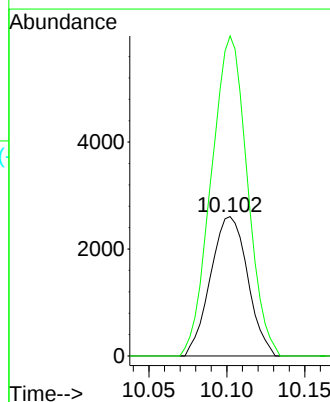
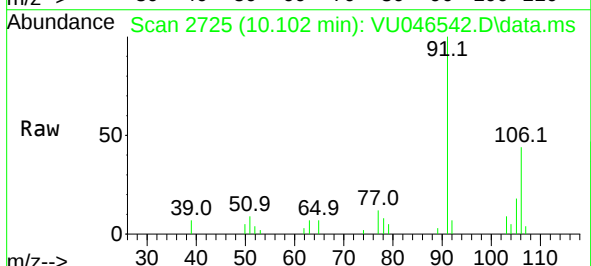
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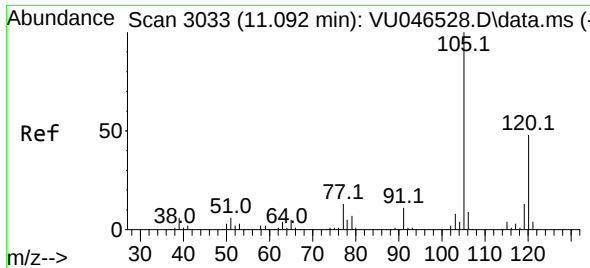
Reviewed By :Amit Patel 12/24/2021
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#54
o-Xylene
Concen: 0.340 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. 0.000 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Tgt Ion:106 Resp: 4315
Ion Ratio Lower Upper
106 100
91 229.7 147.5 273.9





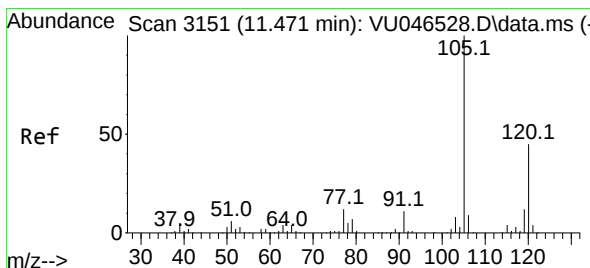
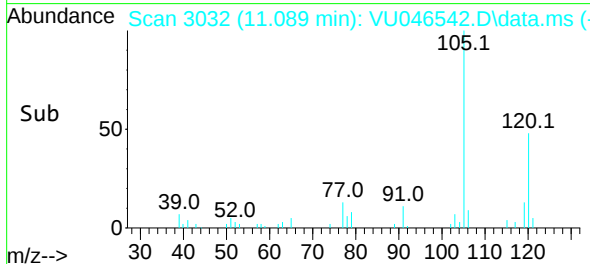
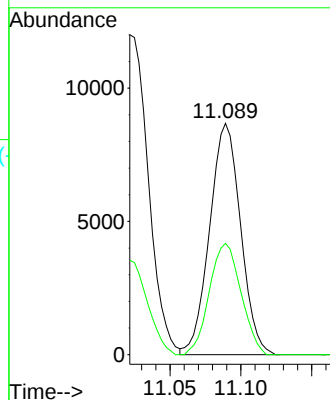
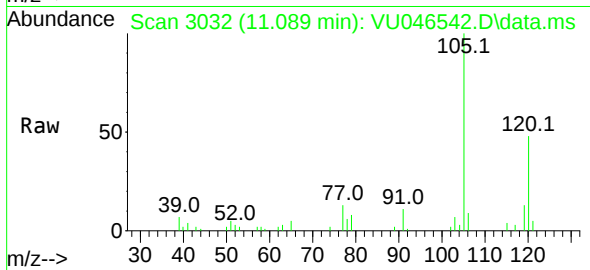
#62
1,3,5-Trimethylbenzene
Concen: 0.479 ug/L
RT: 11.089 min Scan# 3033
Delta R.T. -0.003 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Instrument :
MSVOA_U
ClientSampleId :
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Tgt Ion:105 Resp: 13205
Ion Ratio Lower Upper
105 100
120 49.0 38.3 57.5

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#63
1,2,4-Trimethylbenzene
Concen: 2.853 ug/L
RT: 11.469 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046542.D
Acq: 21 Dec 2021 22:57

Tgt Ion:105 Resp: 79241
Ion Ratio Lower Upper
105 100
120 44.0 35.8 53.8

