

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120221\
 Data File : VU046047.D
 Acq On : 02 Dec 2021 13:13
 Operator : SY/MD
 Sample : M4868-10ME
 Misc : 8.68g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BGKP5ME

Manual Integrations
 APPROVED

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

Quant Time: Dec 03 05:10:12 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	219628	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.423	117	215379	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.819	152	107635	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.597	65	68283	37.742	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	75.480%		
7) Chloroethane-d5	1.915	69	47994	34.551	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	69.100%#		
11) 1,1-Dichloroethene-d2	2.542	63	91785	28.261	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	56.520%#		
21) 2-Butanone-d5	4.655	46	111671	77.646	ug/L	0.01
Spiked Amount 100.000	Range 40 - 130		Recovery =	77.650%		
24) Chloroform-d	5.063	84	123980	41.036	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	82.080%		
26) 1,2-Dichloroethane-d4	5.703	65	88314	43.556	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	87.120%		
32) Benzene-d6	5.722	84	273953	44.378	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	88.760%		
36) 1,2-Dichloropropane-d6	6.690	67	86317	45.117	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	90.240%		
41) Toluene-d8	7.899	98	245739	43.721	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	87.440%		
43) trans-1,3-Dichloroprop...	8.182	79	41367	44.791	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	89.580%		
47) 2-Hexanone-d5	8.677	63	80630	88.888	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.890%		
56) 1,1,2,2-Tetrachloroeth...	10.770	84	116392	40.116	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.240%		
66) 1,2-Dichlorobenzene-d4	12.198	152	95360	46.004	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.000%		
Target Compounds					Qvalue	
13) Acetone	2.661	43	8670m	4.823	ug/L	
20) cis-1,2-Dichloroethene	4.665	96	1662	0.953	ug/L	98
42) Toluene	7.970	91	9796	1.400	ug/L	94
52) Ethylbenzene	9.574	91	7417	0.985	ug/L	94
53) m,p-Xylene	9.700	106	11496	3.916	ug/L	97
54) o-xylene	10.108	106	3756	1.319	ug/L	79
62) 1,3,5-Trimethylbenzene	11.092	105	5288	0.906	ug/L	94
63) 1,2,4-Trimethylbenzene	11.475	105	17096	2.927	ug/L	99

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

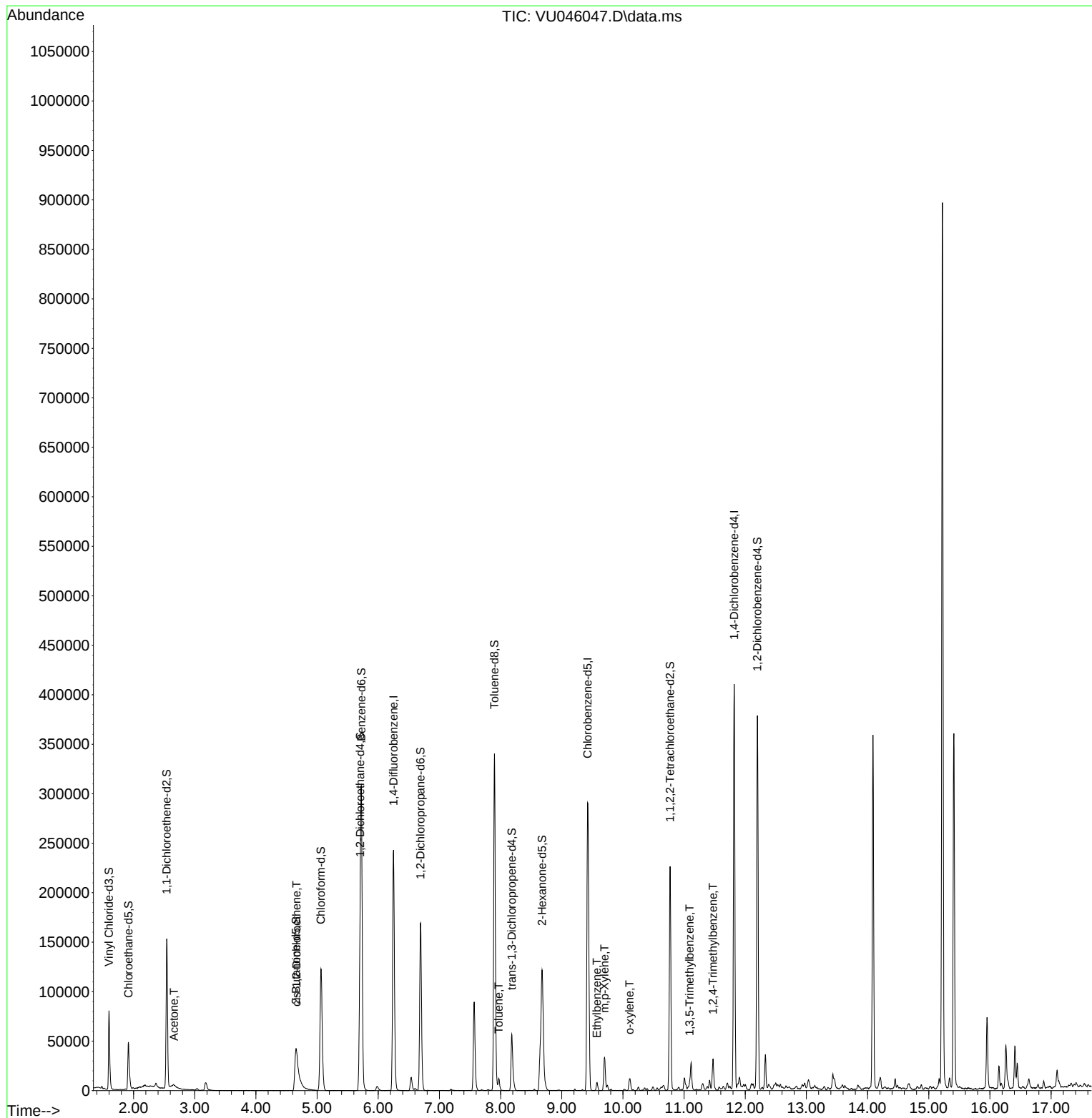
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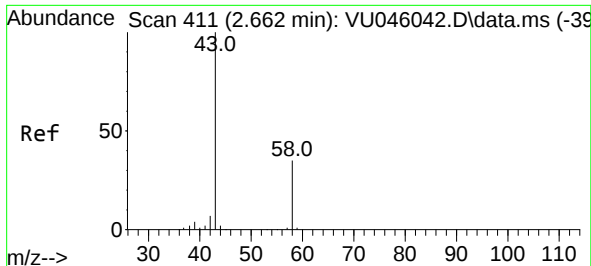
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ClientSampleId :
BGKP5ME

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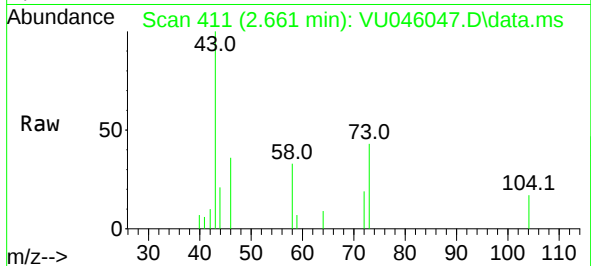
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Quant Title : VOC Analysis
QLast Update : Fri Dec 03 05:08:36 2021
Response via : Initial Calibration





#13
Acetone
Concen: 4.823 ug/L m
RT: 2.661 min Scan# 411
Delta R.T. -0.000 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

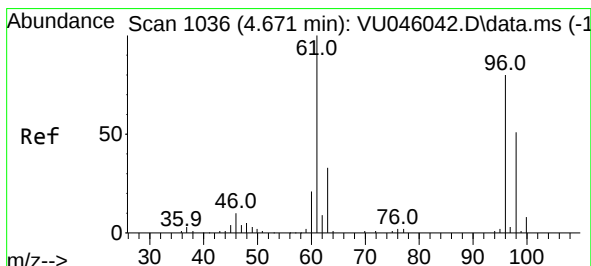
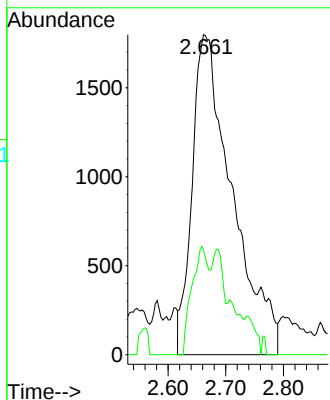
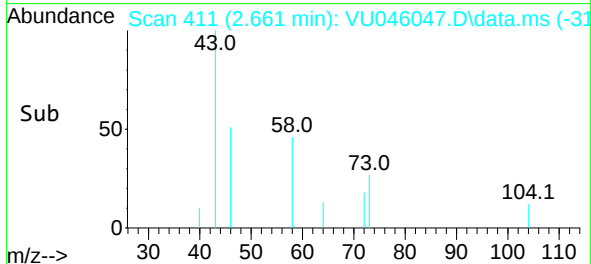
Instrument :
MSVOA_U
ClientSampleId :
BGKP5ME



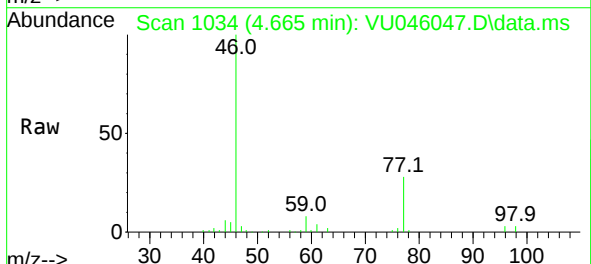
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Ion Ratio Lower Upper
43 100
58 13.7 0.0 66.8

Manual Integrations
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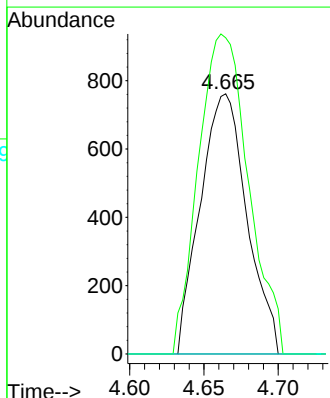
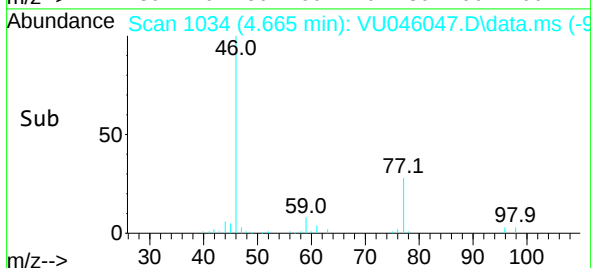
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Supervised By :Mahesh Dadoda 12/03/2021

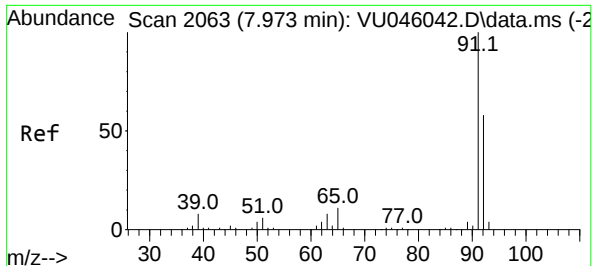


#20
cis-1,2-Dichloroethene
Concen: 0.953 ug/L
RT: 4.665 min Scan# 1034
Delta R.T. -0.007 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13



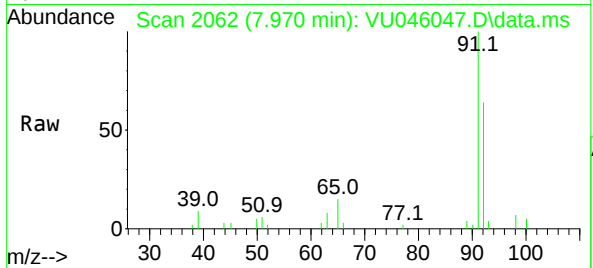
Tgt Ion: 96 Resp: 1662
Ion Ratio Lower Upper
96 100
61 121.5 86.8 161.2
68 0.0 0.0 0.0





#42
Toluene
Concen: 1.400 ug/L
RT: 7.970 min Scan# 2063
Delta R.T. -0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

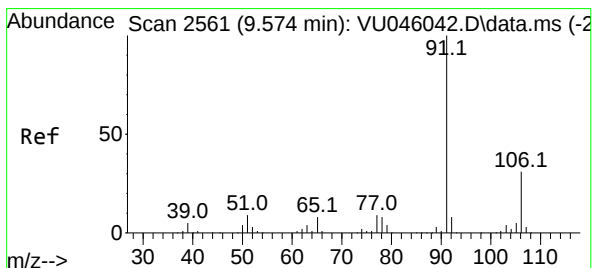
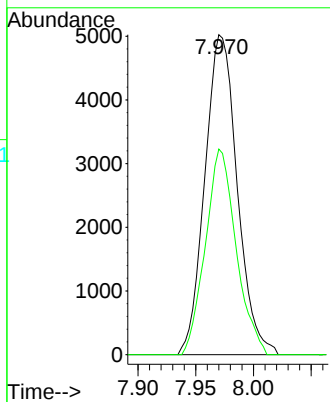
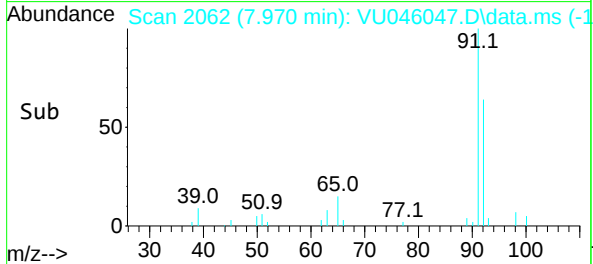
Instrument :
MSVOA_U
ClientSampleId :
BGKP5ME



Tgt Ion: 91 Resp: 9790
Ion Ratio Lower Upper
91 100
92 64.2 41.9 77.7

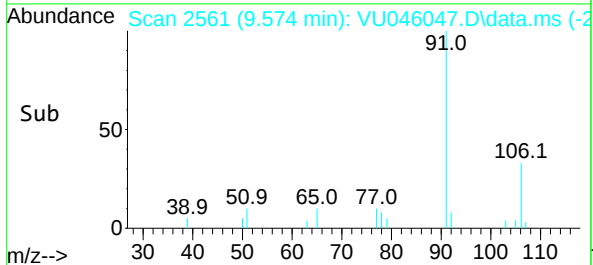
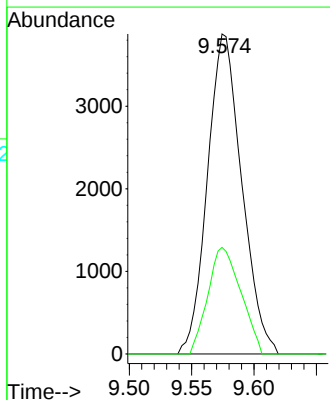
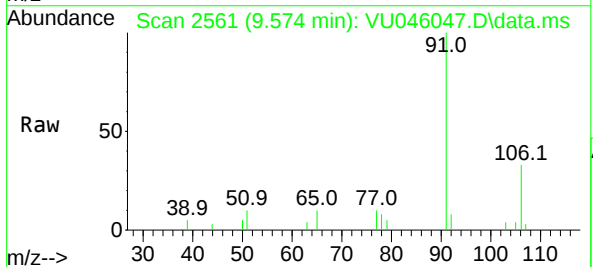
Manual Integrations
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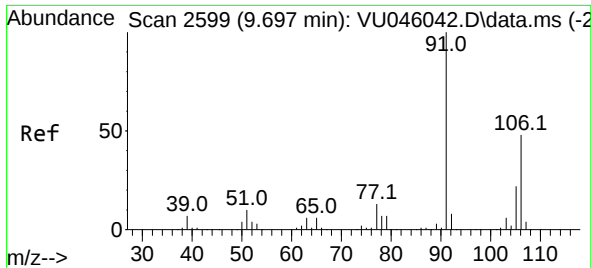
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#52
Ethylbenzene
Concen: 0.985 ug/L
RT: 9.574 min Scan# 2561
Delta R.T. -0.000 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion: 91 Resp: 7417
Ion Ratio Lower Upper
91 100
106 33.3 21.1 39.3





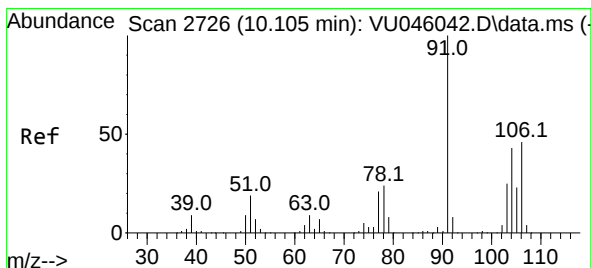
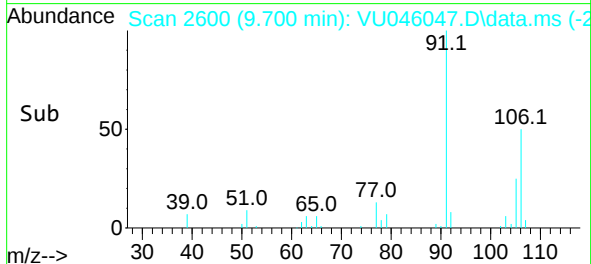
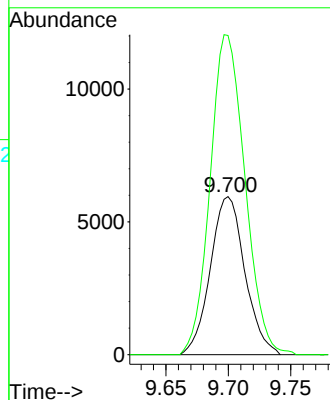
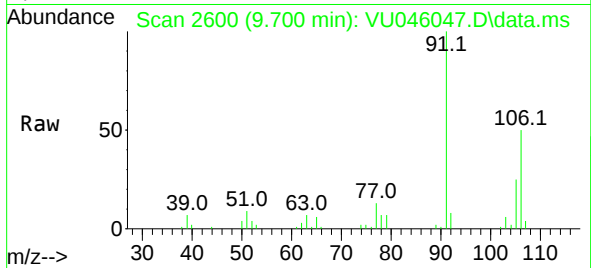
#53
m,p-Xylene
Concen: 3.916 ug/L
RT: 9.700 min Scan# 2599
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :
BGKP5ME

Tgt Ion:106 Resp: 11490
Ion Ratio Lower Upper
106 100
91 201.9 144.3 268.1

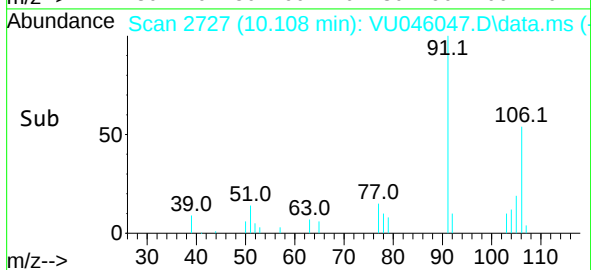
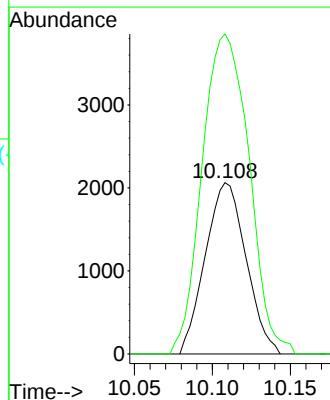
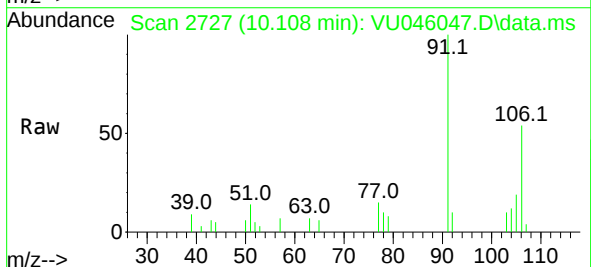
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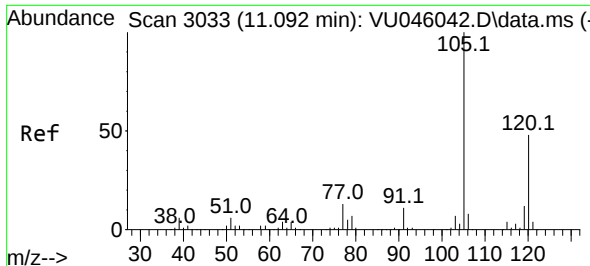
Reviewed By :John Carlone 12/03/2021
Supervised By :Mahesh Dadoda 12/03/2021



#54
o-xylene
Concen: 1.319 ug/L
RT: 10.108 min Scan# 2727
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion:106 Resp: 3756
Ion Ratio Lower Upper
106 100
91 186.7 154.2 286.4





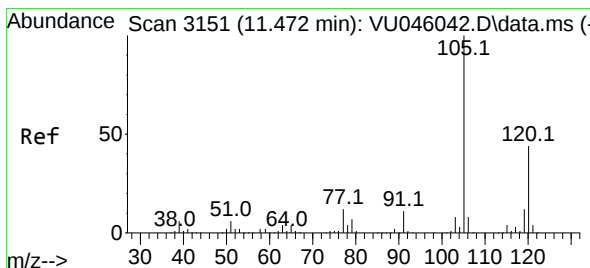
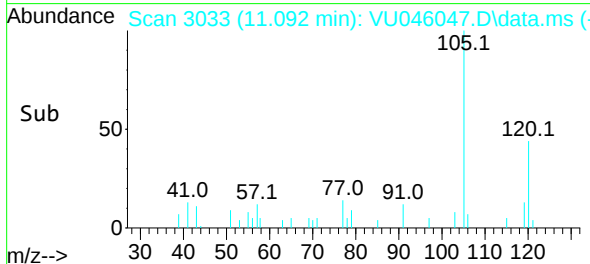
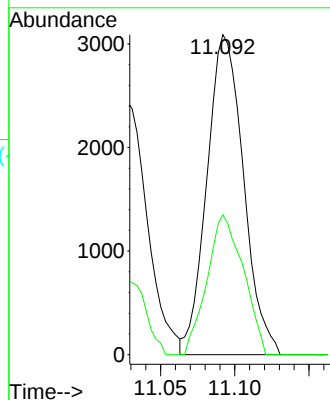
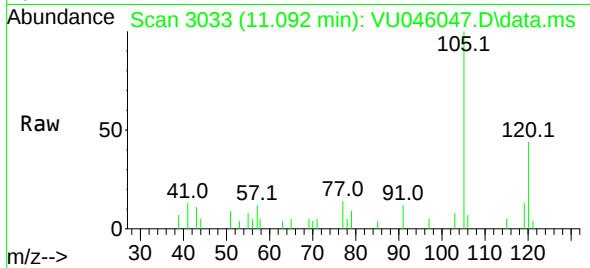
#62
1,3,5-Trimethylbenzene
Concen: 0.906 ug/L
RT: 11.092 min Scan# 3033
Delta R.T. -0.000 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Instrument :
MSVOA_U
ClientSampleId :
BGKP5ME

Tgt Ion:105 Resp: 528
Ion Ratio Lower Upper
105 100
120 43.4 37.8 56.6

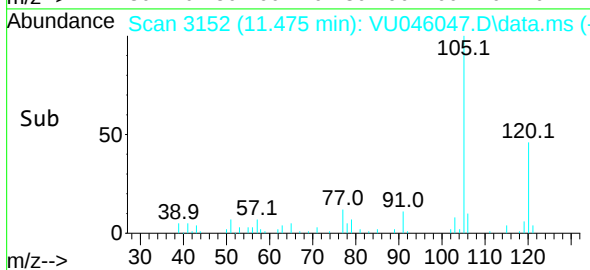
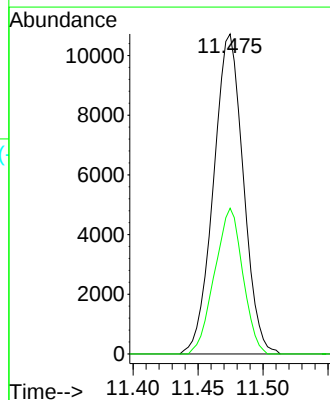
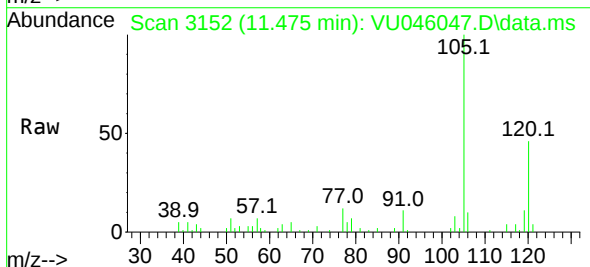
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#63
1,2,4-Trimethylbenzene
Concen: 2.927 ug/L
RT: 11.475 min Scan# 3152
Delta R.T. 0.003 min
Lab File: VU046047.D
Acq: 02 Dec 2021 13:13

Tgt Ion:105 Resp: 17096
Ion Ratio Lower Upper
105 100
120 43.0 35.2 52.8



Quantitation Report (LSC Reviewed)

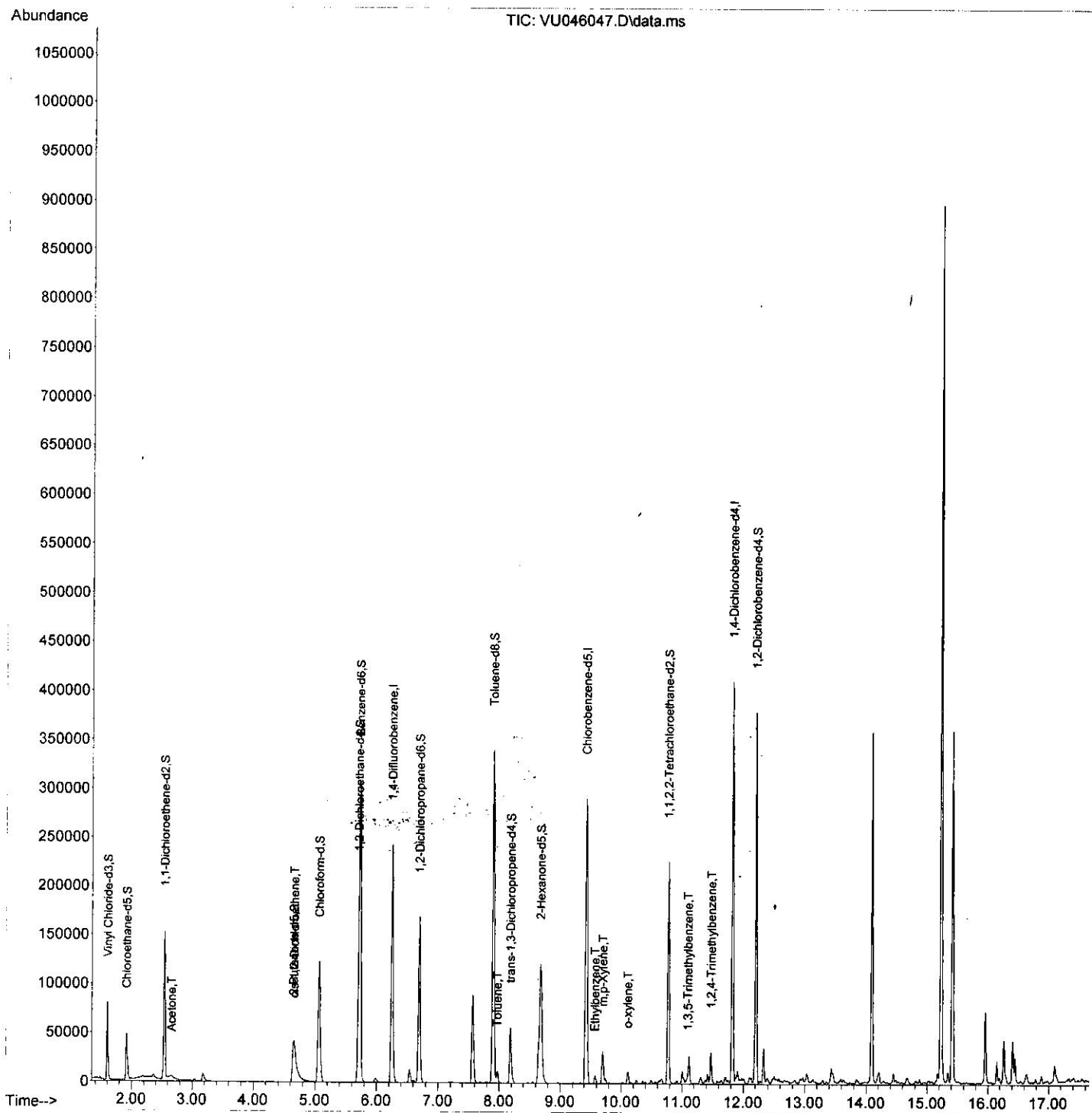
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Instrument :
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 ClientSampled :
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Quantitation Report (Qedit)

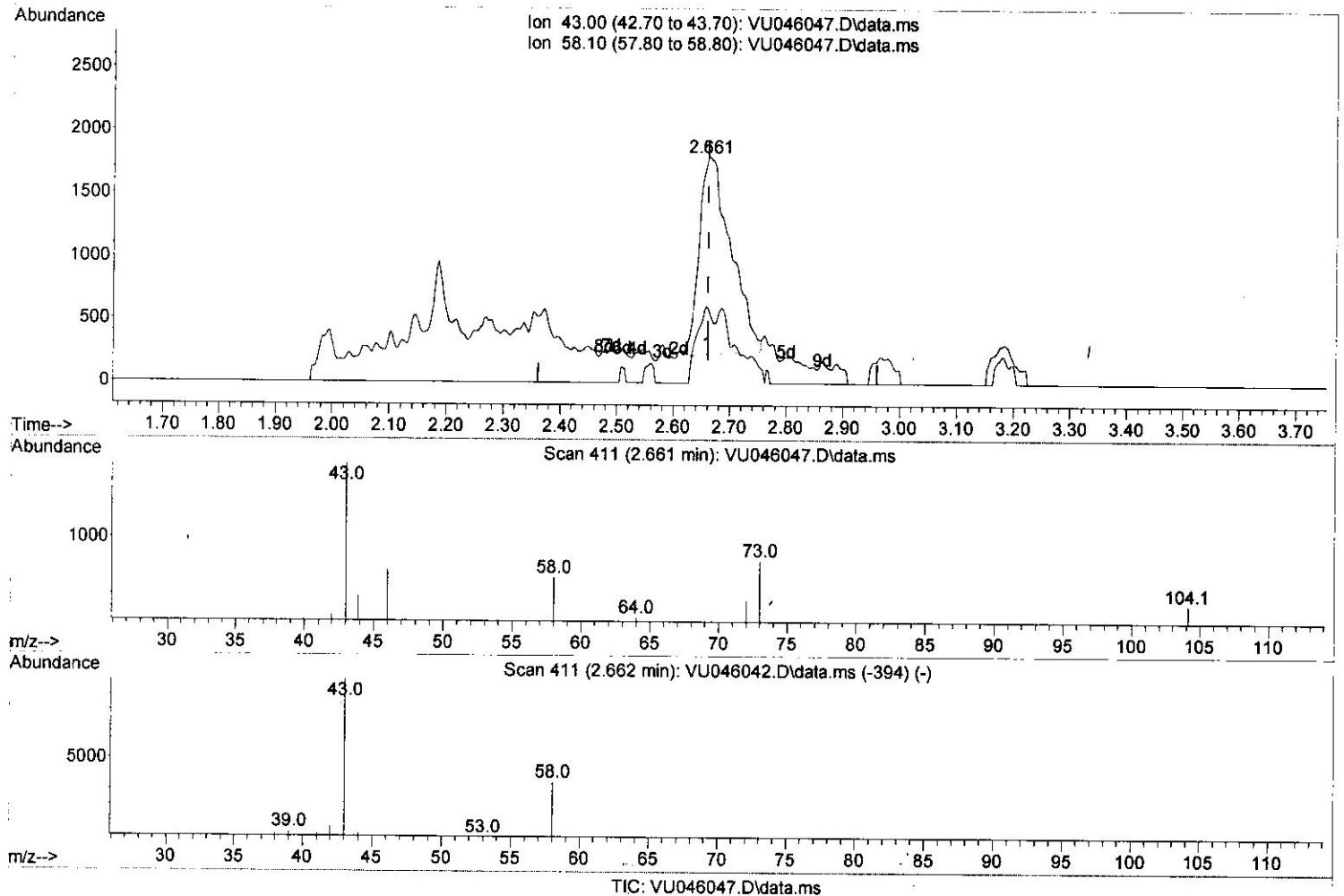
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(13) Acetone (T)

2.661min (-0.000) 3.40 ug/L

response 6108

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	19.40
0.00	0.00	0.00
0.00	0.00	0.00

Quantitation Report (Qedit)

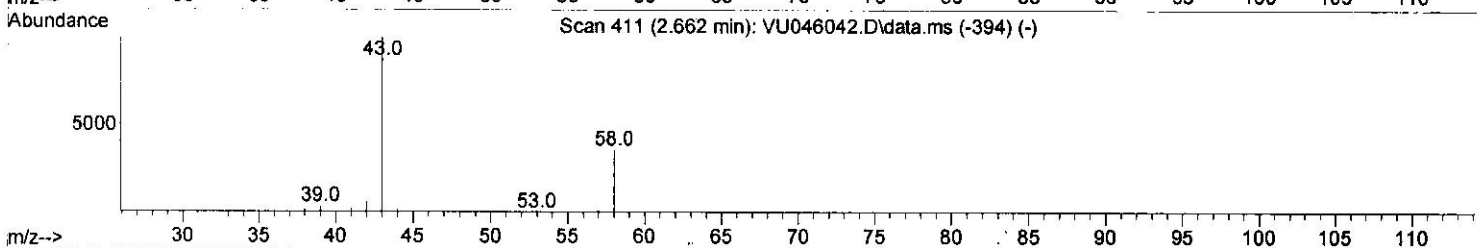
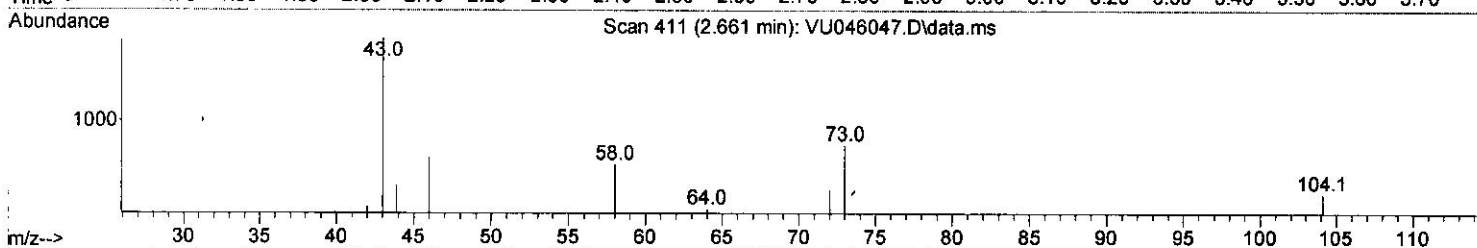
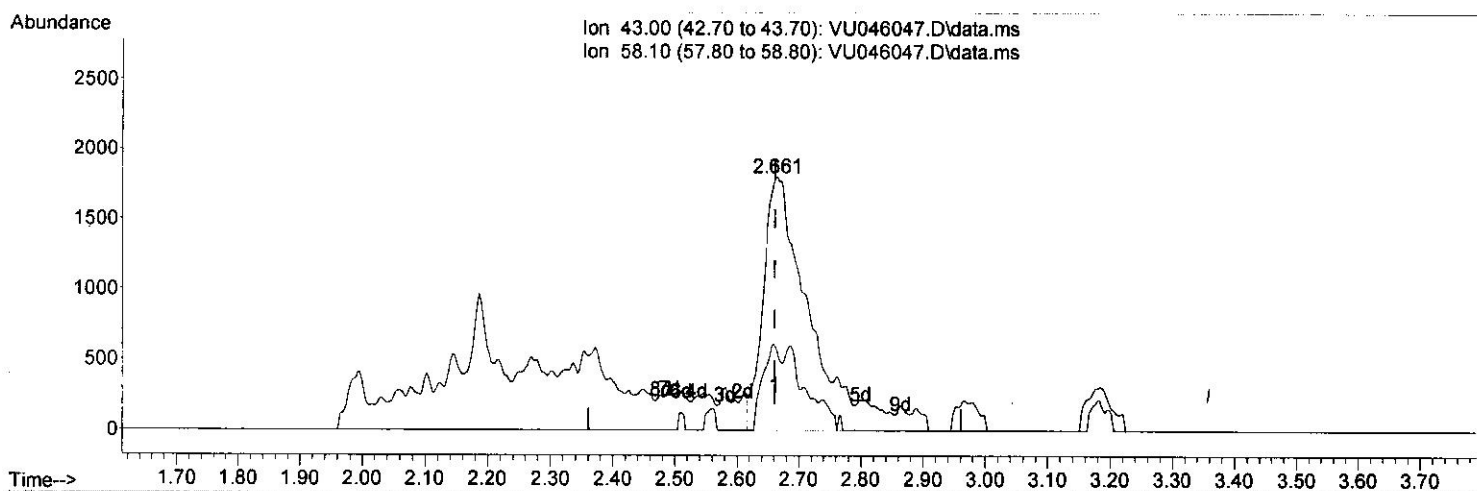
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TIC: VU046047.D\data.ms

(13) Acetone (T)

2.661min (-0.000) 4.82 ug/L *J. m. 12/31/21*

response 8670

Ion	Exp%	Act%
43.00	100.00	100.00
58.10	33.40	13.67
0.00	0.00	0.00
0.00	0.00	0.00

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47) 2-Hexanone-d5	8.677	63	80630	88.888	ug/L	0.04
Spiked Amount 100.000	Range 45 - 130		Recovery =	88.890%		
56) 1,1,2,2-Tetrachloroeth...	10.770	84	116392	40.116	ug/L	0.01
Spiked Amount 50.000	Range 65 - 120		Recovery =	80.240%		
66) 1,2-Dichlorobenzene-d4	12.198	152	95360	46.004	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	92.000%		
Target Compounds						
13) Acetone	2.661	43	8670m	4.823	ug/L	
20) cis-1,2-Dichloroethene	4.665	96	1662	0.953	ug/L	98
42) Toluene	7.970	91	9796	1.400	ug/L	94
52) Ethylbenzene	9.574	91	7417	0.985	ug/L	94
53) m,p-Xylene	9.700	106	11496	3.916	ug/L	97
54) o-xylene	10.108	106	3756	1.319	ug/L	79
62) 1,3,5-Trimethylbenzene	11.092	105	5288	0.906	ug/L	94
63) 1,2,4-Trimethylbenzene	11.475	105	17096	2.927	ug/L	99

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