Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU011722\
Data File : VU046767.D
Acq On : 17 Jan 2022 15:46
Operator : SY/MD
Sample : N1155-01MEDL 20X
Misc : 5.79g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGLT4MEDL

Manual Integrations APPROVED

Reviewed By :John Carlone 01/21/2022
Supervised By :Mahesh Dadoda 01/21/2022

Quant Time: Jan 18 02:17:58 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM010522WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 18 02:15:56 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	205812	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.417	117	201137	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	110298	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	59850	33.325	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	66.640%		
7) Chloroethane-d5	1.919	69	46967	35.203	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	70.400%		
11) 1,1-Dichloroethene-d2	2.568	63	77641	25.418	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	50.840%#		
21) 2-Butanone-d5	4.636	46	103283	78.575	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	78.570%		
24) Chloroform-d	5.066	84	110532	34.912	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	69.820%#		
26) 1,2-Dichloroethane-d4	5.703	65	74233	36.970	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.940%		
32) Benzene-d6	5.729	84	231938	36.950	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	73.900%		
36) 1,2-Dichloropropane-d6	6.690	67	69964	36.530	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	73.060%		
41) Toluene-d8	7.899	98	211746	37.734	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	75.460%#		
43) trans-1,3-Dichloroprop...	8.179	79	34946	37.874	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	75.740%		
47) 2-Hexanone-d5	8.635	63	88073	86.561	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	86.560%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	114927	38.745	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	77.500%		
66) 1,2-Dichlorobenzene-d4	12.195	152	93472	40.955	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	81.900%		
Target Compounds						Qvalue
13) Acetone	2.655	43	3360	2.686	ug/L	60
22) 2-Butanone	4.722	43	3847m	2.698	ug/L	
33) Benzene	5.774	78	3625	0.606	ug/L	100
42) Toluene	7.970	91	10253	1.625	ug/L	99
52) Ethylbenzene	9.571	91	28904	4.318	ug/L	99
53) m,p-Xylene	9.693	106	32193	12.453	ug/L	99
54) o-xylene	10.102	106	15511	6.274	ug/L	97
61) Isopropylbenzene	10.484	105	7453m	1.106	ug/L	
62) 1,3,5-Trimethylbenzene	11.089	105	36140	6.381	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	117220	20.772	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3982	1.173	ug/L #	89

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

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Instrument :
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ClientSampleId :
BGLT4MEDL

Manual Integrations APPROVED

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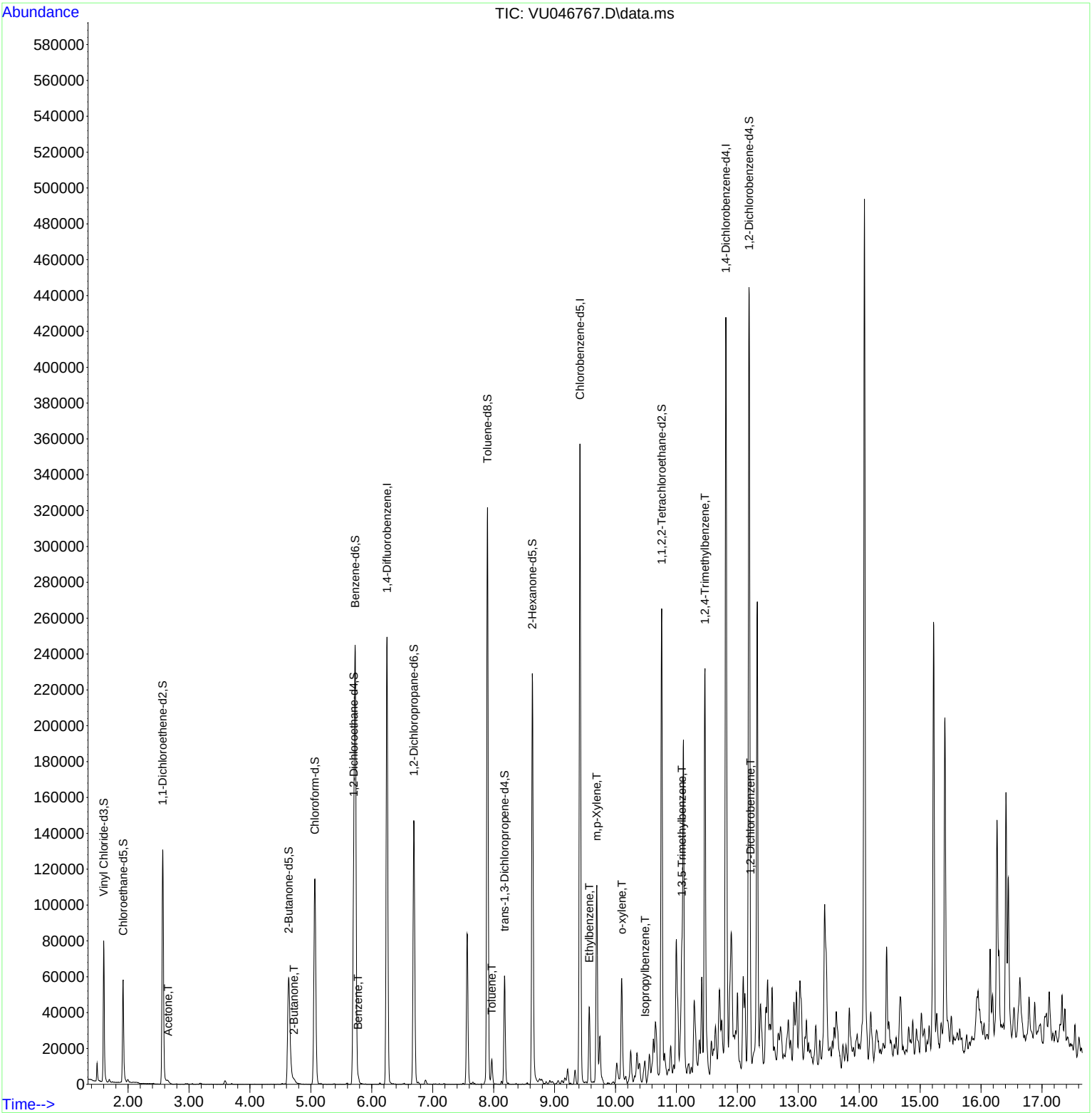

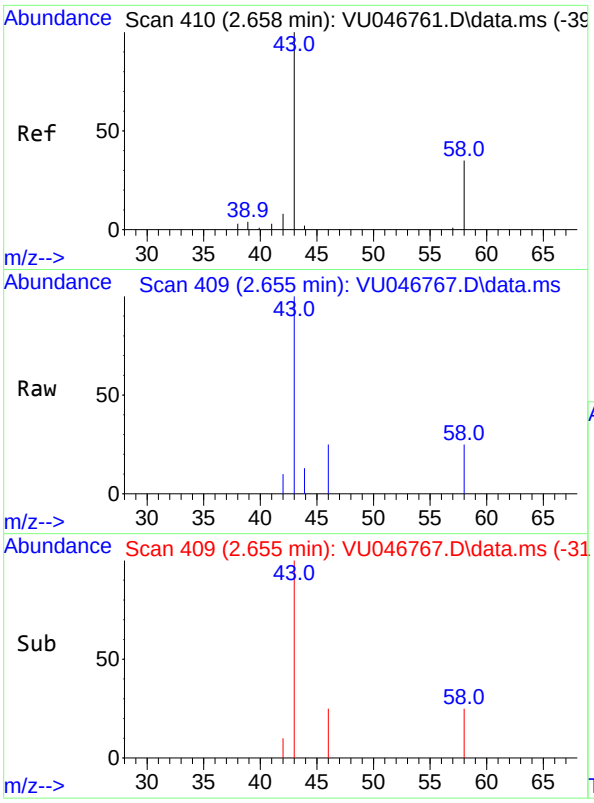

#13
Acetone
Concen: 2.686 ug/L
RT: 2.655 min Scan# 4(
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion: 43 Resp: 336(

Ion	Ratio	Lower	Upper
43	100		
58	12.1	0.0	71.0

Instrument :
MSVOA_U
ClientSampleId :
BGLT4MEDL

Manual Integrations
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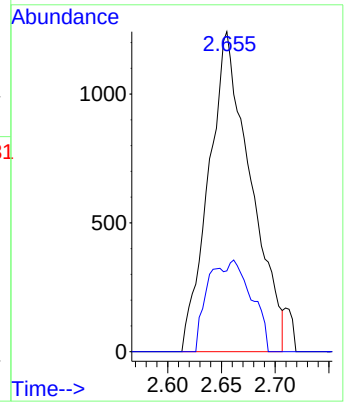
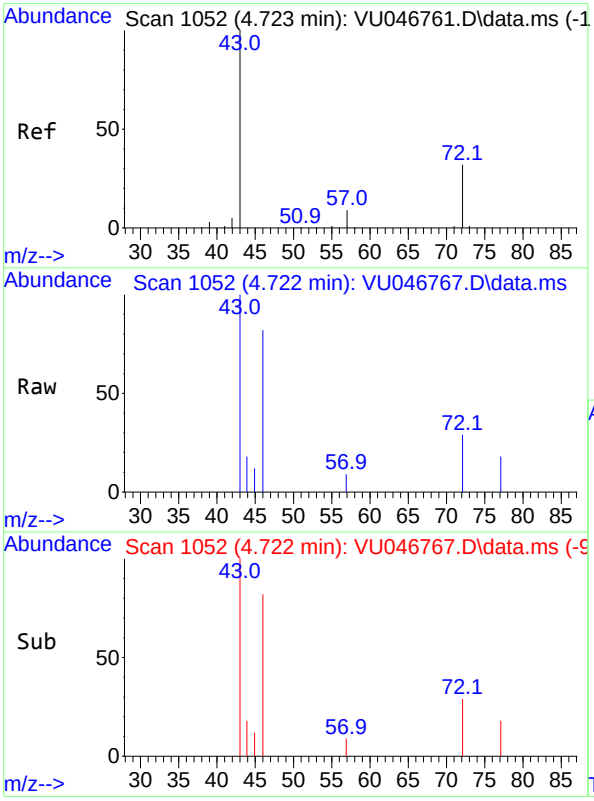
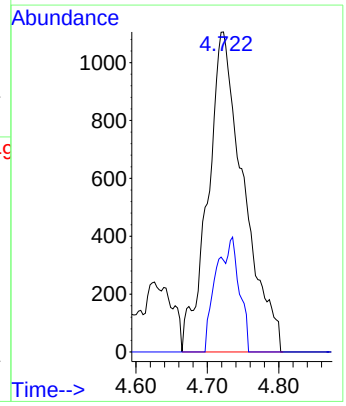


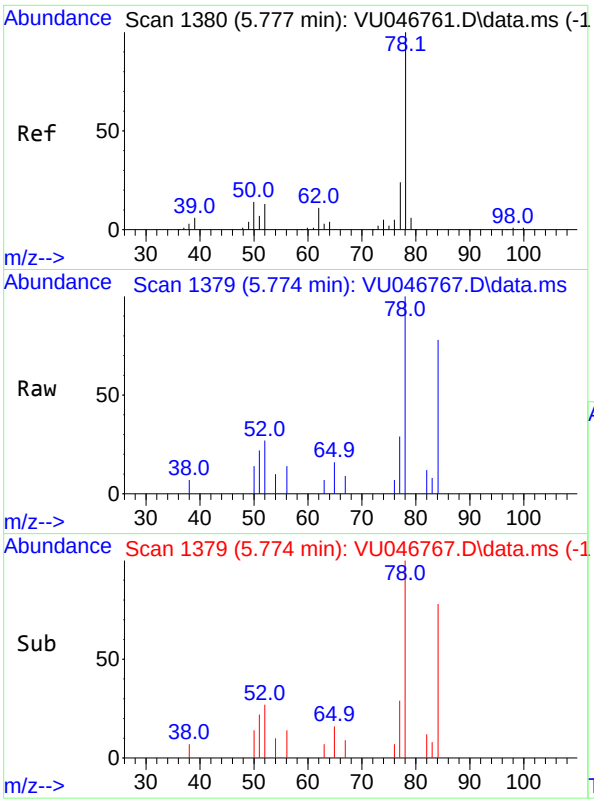


#22
2-Butanone
Concen: 2.698 ug/L m
RT: 4.722 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion: 43 Resp: 3847

Ion	Ratio	Lower	Upper
43	100		
72	11.4	15.6	46.8#





#33
Benzene
Concen: 0.606 ug/L
RT: 5.774 min Scan# 1
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion: 78 Resp: 362

Instrument :
MSVOA_U
ClientSampleId :
BGLT4MEDL

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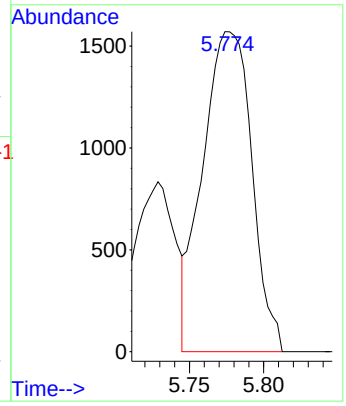
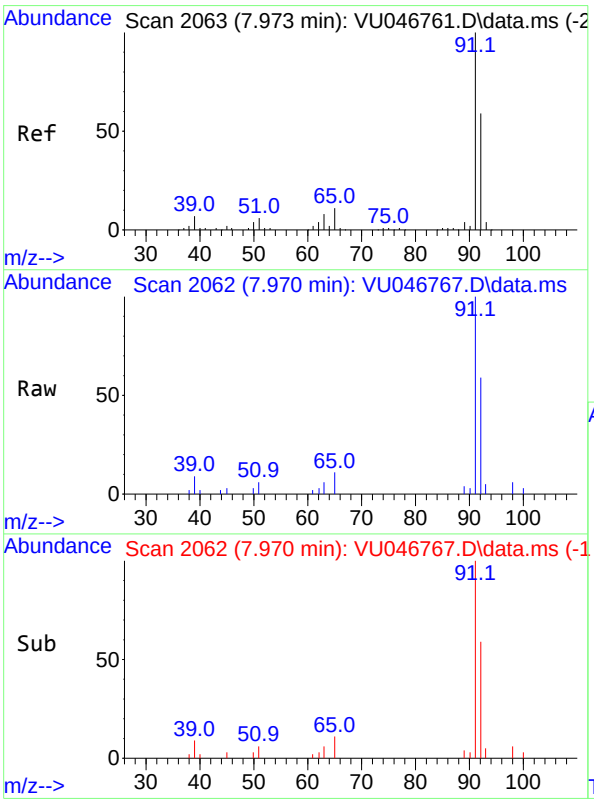
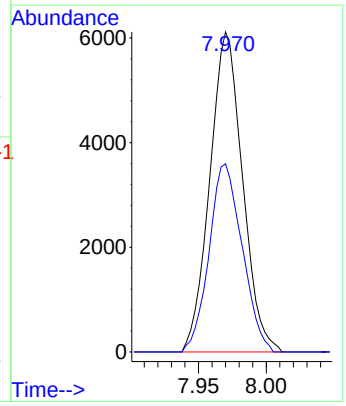


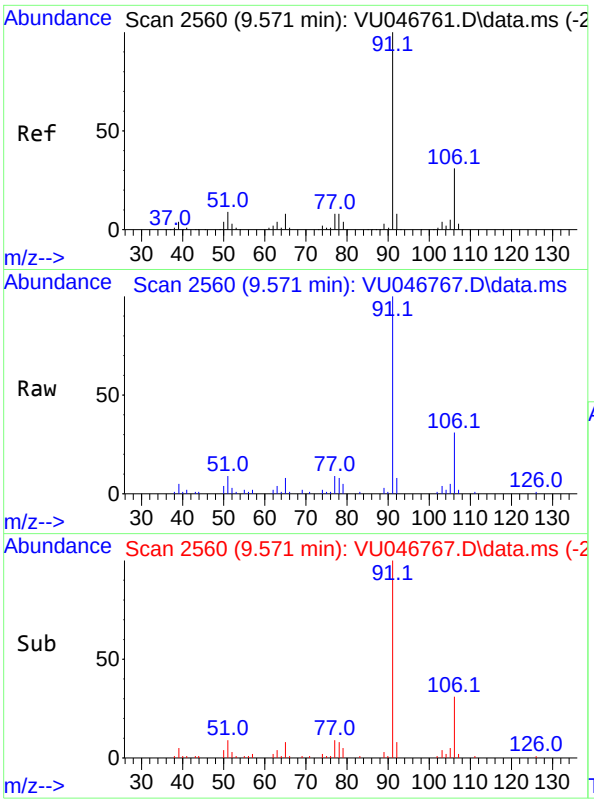


#42
Toluene
Concen: 1.625 ug/L
RT: 7.970 min Scan# 2062
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion: 91 Resp: 10253

Ion	Ratio	Lower	Upper
91	100		
92	58.8	40.4	75.0





#52
Ethylbenzene
Concen: 4.318 ug/L
RT: 9.571 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion: 91 Resp: 2890

Ion	Ratio	Lower	Upper
91	100		
106	30.5	21.8	40.4

Instrument :
MSVOA_U
ClientSampleId :
BGLT4MEDL

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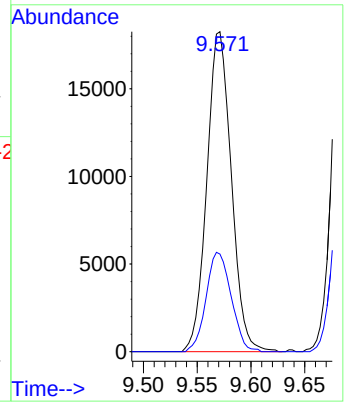
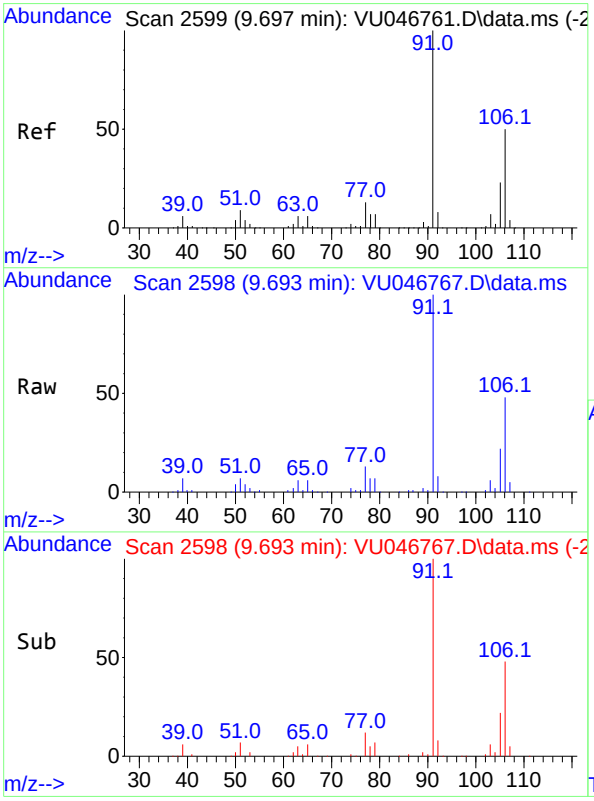
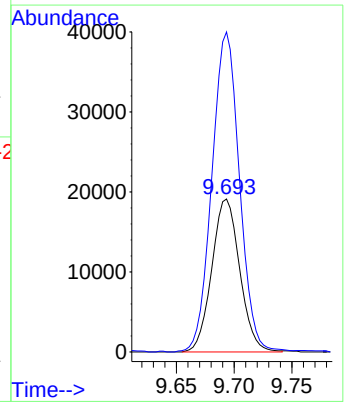


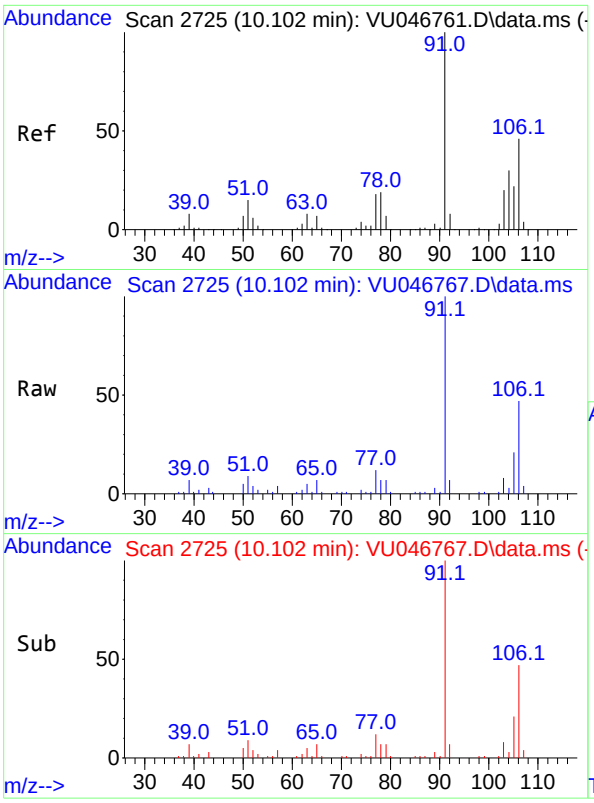


#53
m,p-Xylene
Concen: 12.453 ug/L
RT: 9.693 min Scan# 2598
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:106 Resp: 32193

Ion	Ratio	Lower	Upper
106	100		
91	209.2	145.5	270.1





#54
o-xylene
Concen: 6.274 ug/L
RT: 10.102 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:106 Resp: 1551

Ion	Ratio	Lower	Upper
106	100		
91	211.6	152.0	282.2

Instrument :
MSVOA_U
ClientSampleId :
BGLT4MEDL

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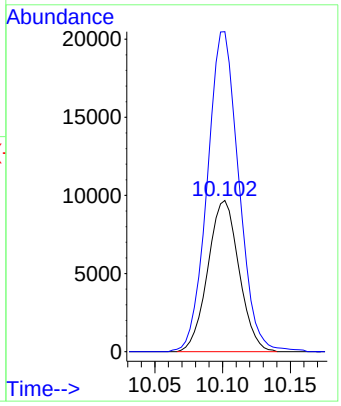
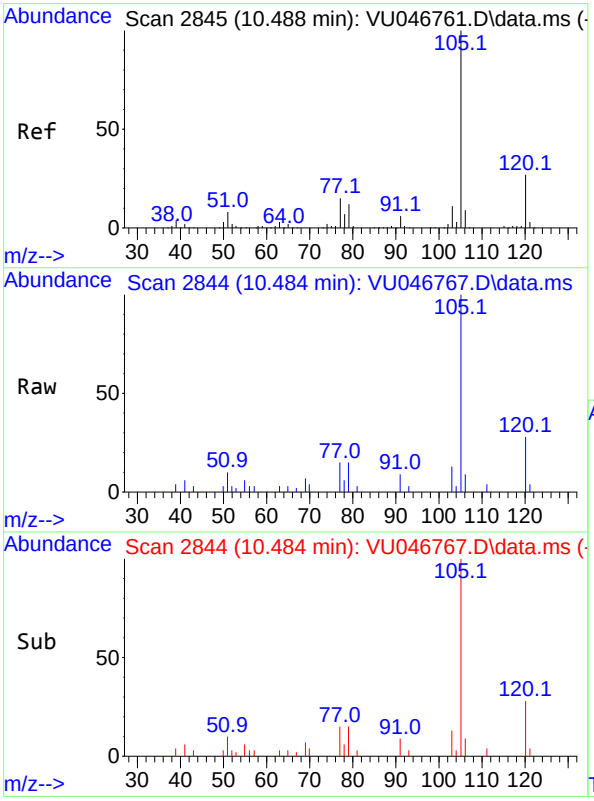
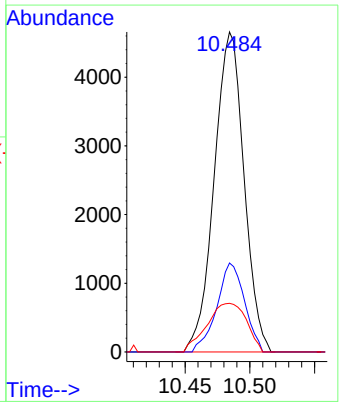


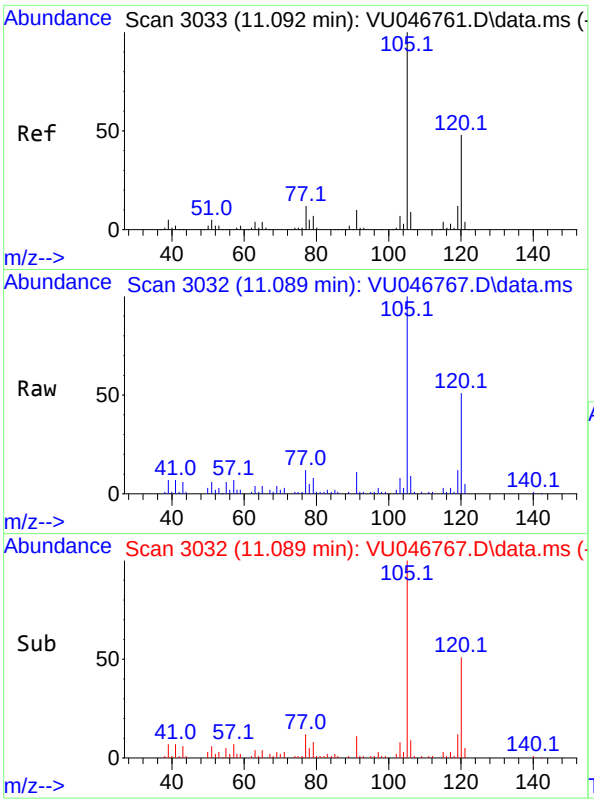


#61
Isopropylbenzene
Concen: 1.106 ug/L m
RT: 10.484 min Scan# 2844
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:105 Resp: 7453

Ion	Ratio	Lower	Upper
105	100		
120	91.9	20.6	31.0#
77	41.1	12.6	18.8#

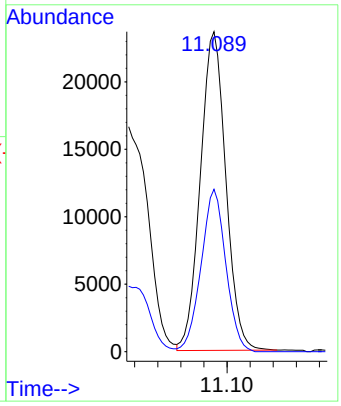




#62
1,3,5-Trimethylbenzene
Concen: 6.381 ug/L
RT: 11.089 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:105 Resp: 3614

Ion	Ratio	Lower	Upper
105	100		
120	49.6	38.4	57.6



Instrument :
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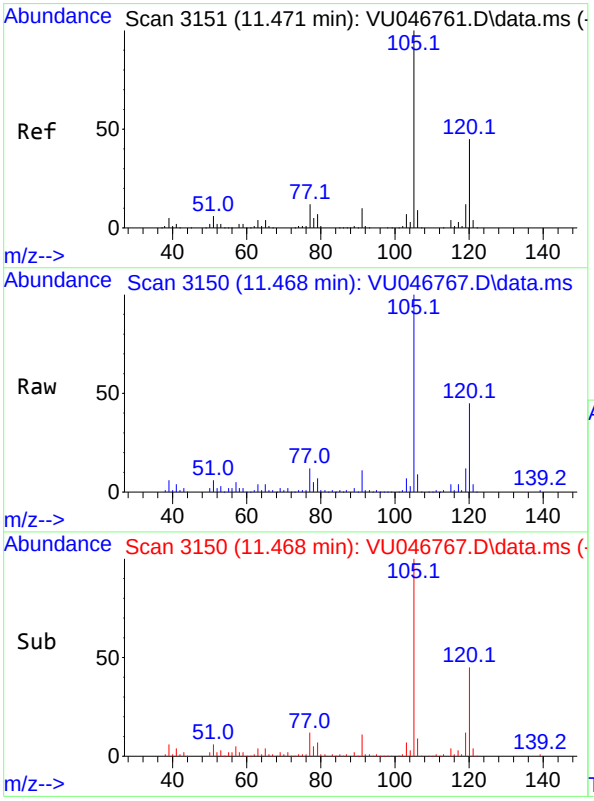
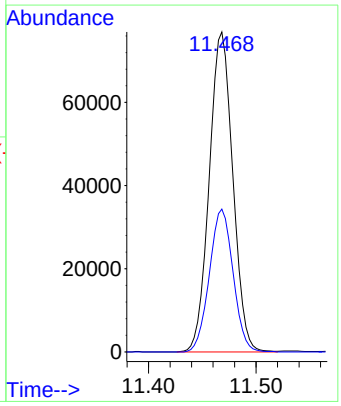
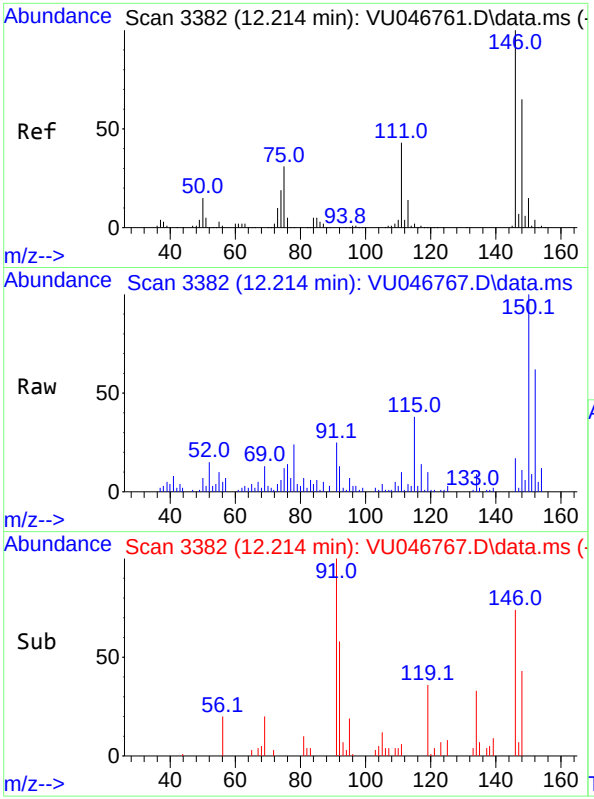


#63
1,2,4-Trimethylbenzene
Concen: 20.772 ug/L
RT: 11.468 min Scan# 3150
Delta R.T. -0.003 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:105 Resp: 117220

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.4	53.2

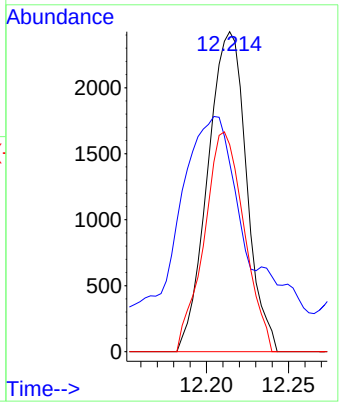




#67
1,2-Dichlorobenzene
Concen: 1.173 ug/L
RT: 12.214 min Scan# 3
Delta R.T. -0.000 min
Lab File: VU046767.D
Acq: 17 Jan 2022 15:46

Tgt Ion:146 Resp: 398

Ion	Ratio	Lower	Upper
146	100		
111	59.0	34.2	51.4
148	64.7	51.3	76.9



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