Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU120621\
Data File : VU046115.D
Acq On : 06 Dec 2021 16:27
Operator : SY/MD
Sample : M4942-05DL 20X
Misc : 6.58g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5DL

Quant Time: Dec 07 01:11:32 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	197765	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	190804	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	103501	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.600	65	68050	41.772	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 83.540%			
7) Chloroethane-d5	1.916	69	45648	36.495	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 73.000%			
11) 1,1-Dichloroethene-d2	2.568	63	103030	35.230	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.460%			
21) 2-Butanone-d5	4.629	46	117469	90.706	ug/L	-0.01
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.710%			
24) Chloroform-d	5.067	84	125790	46.238	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.480%			
26) 1,2-Dichloroethane-d4	5.703	65	88833	48.655	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.320%			
32) Benzene-d6	5.729	84	286255	52.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 104.680%			
36) 1,2-Dichloropropane-d6	6.693	67	88041	51.946	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.900%			
41) Toluene-d8	7.899	98	260870	52.391	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 104.780%			
43) trans-1,3-Dichloroprop...	8.179	79	42230	51.615	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 103.240%			
47) 2-Hexanone-d5	8.632	63	86172	107.232	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 107.230%			
56) 1,1,2,2-Tetrachloroeth...	10.758	84	127177	49.479	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.960%			
66) 1,2-Dichlorobenzene-d4	12.195	152	109081	54.725	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.460%			
Target Compounds						Qvalue
25) Chloroform	5.089	83	11854	4.055	ug/L	93
52) Ethylbenzene	9.571	91	164832	24.717	ug/L	100
53) m,p-Xylene	9.693	106	230336	88.564	ug/L	96
54) o-xylene	10.102	106	40559	16.072	ug/L	93
61) Isopropylbenzene	10.488	105	6855	1.018	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	43929	7.826	ug/L	99
63) 1,2,4-Trimethylbenzene	11.468	105	126532	22.532	ug/L	99

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

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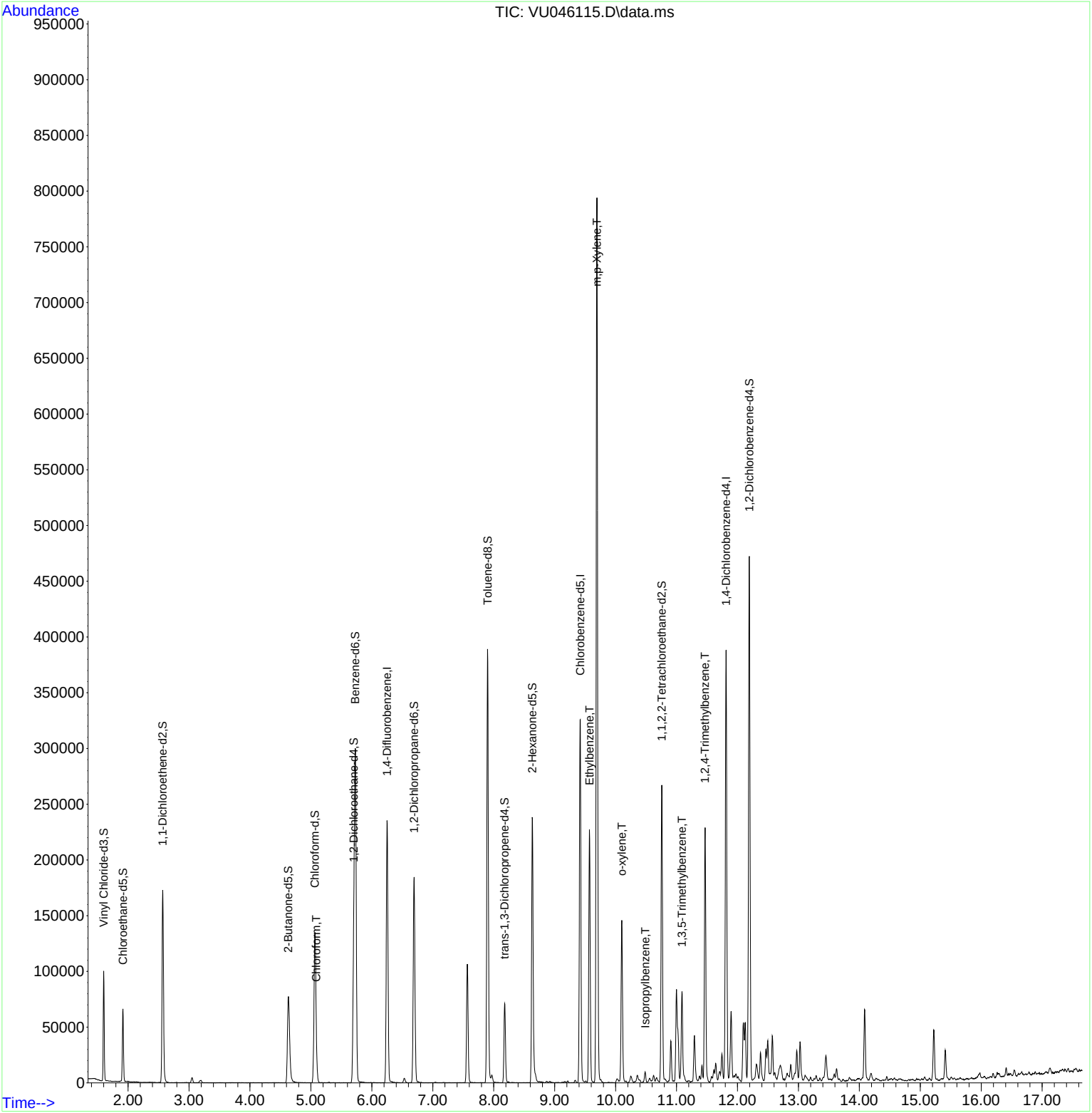
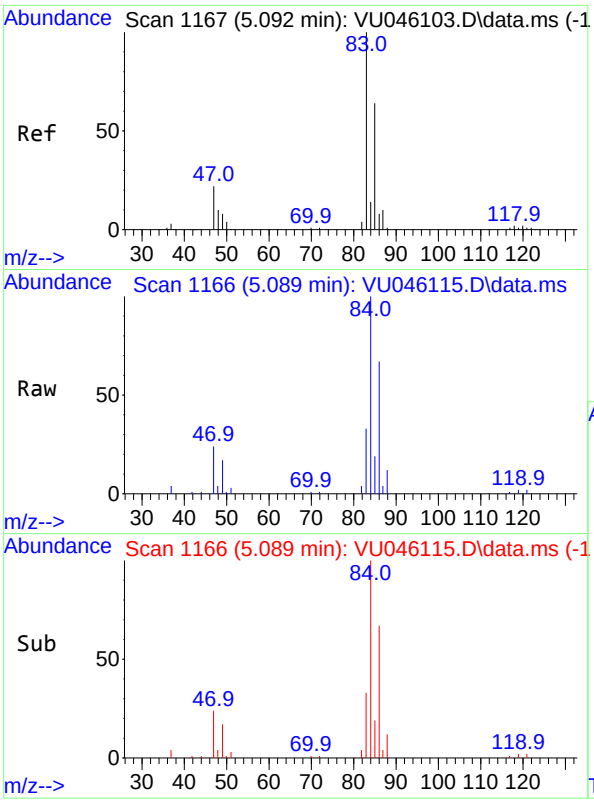


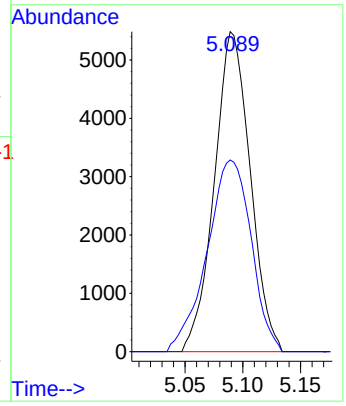


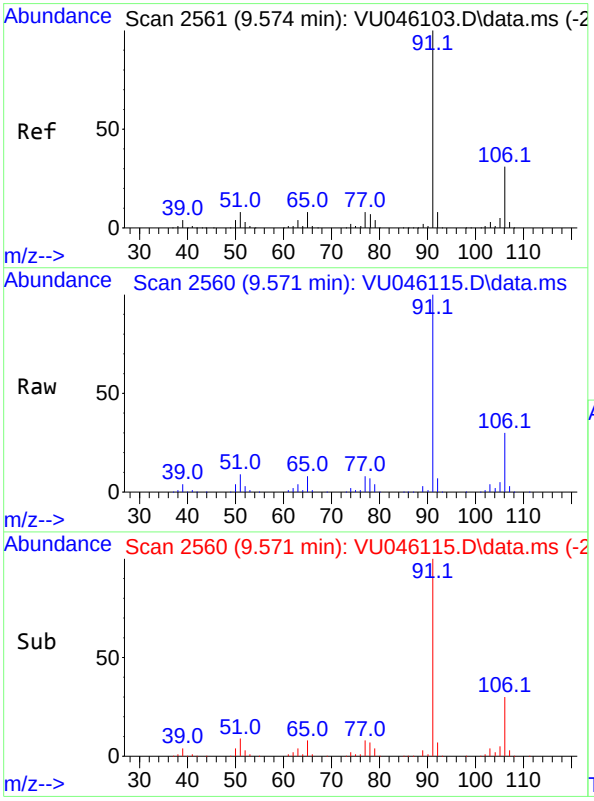
#25
Chloroform
Concen: 4.055 ug/L
RT: 5.089 min Scan# 11
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5DL

Tgt Ion: 83 Resp: 11854

Ion	Ratio	Lower	Upper
83	100		
85	59.9	45.8	85.2

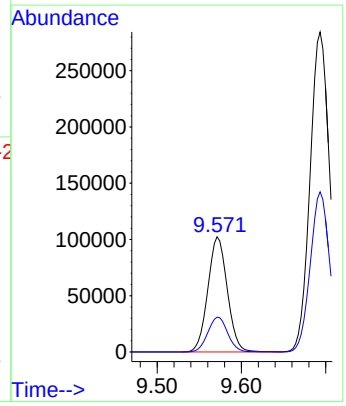


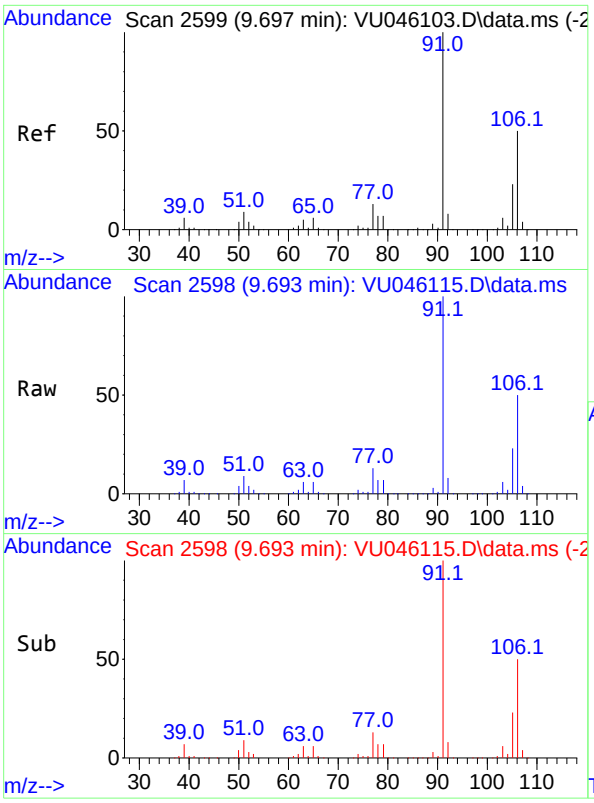


#52
Ethylbenzene
Concen: 24.717 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Tgt Ion: 91 Resp: 164832

Ion	Ratio	Lower	Upper
91	100		
106	30.2	21.1	39.3



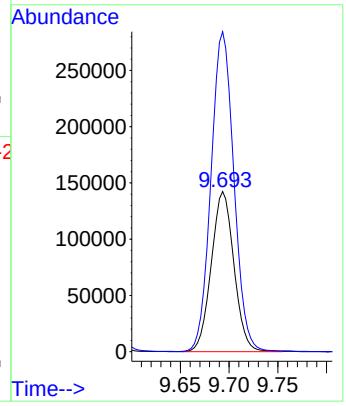


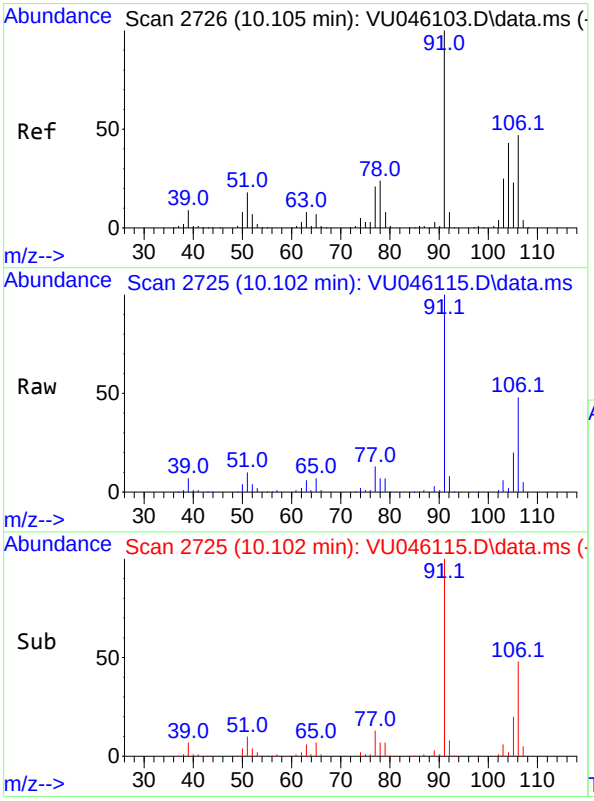
#53
m,p-Xylene
Concen: 88.564 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5DL

Tgt Ion:106 Resp: 230336

Ion	Ratio	Lower	Upper
106	100		
91	199.8	144.3	268.1

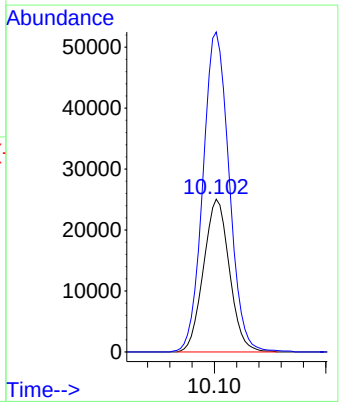


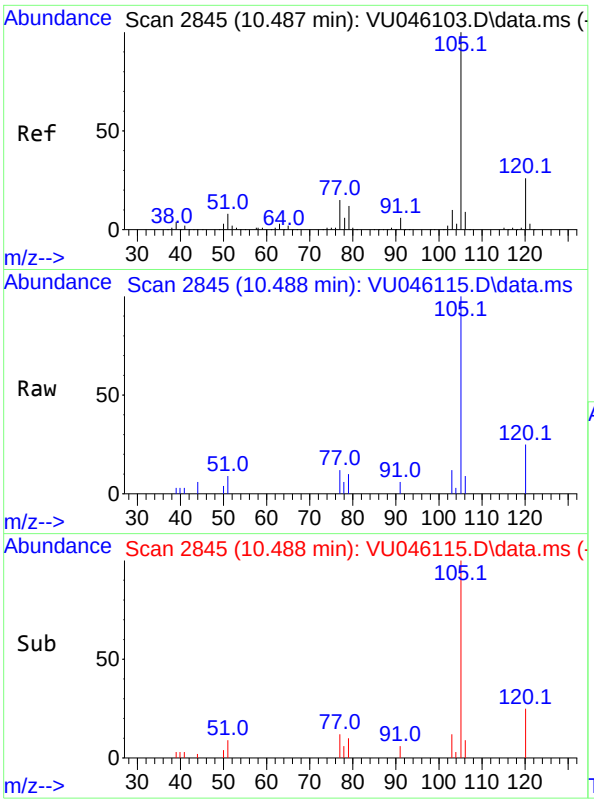


#54
o-xylene
Concen: 16.072 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Tgt Ion:106 Resp: 40559

Ion	Ratio	Lower	Upper
106	100		
91	209.4	154.2	286.4



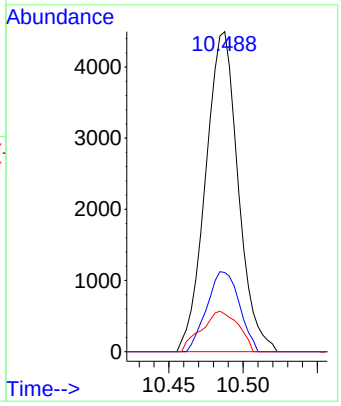


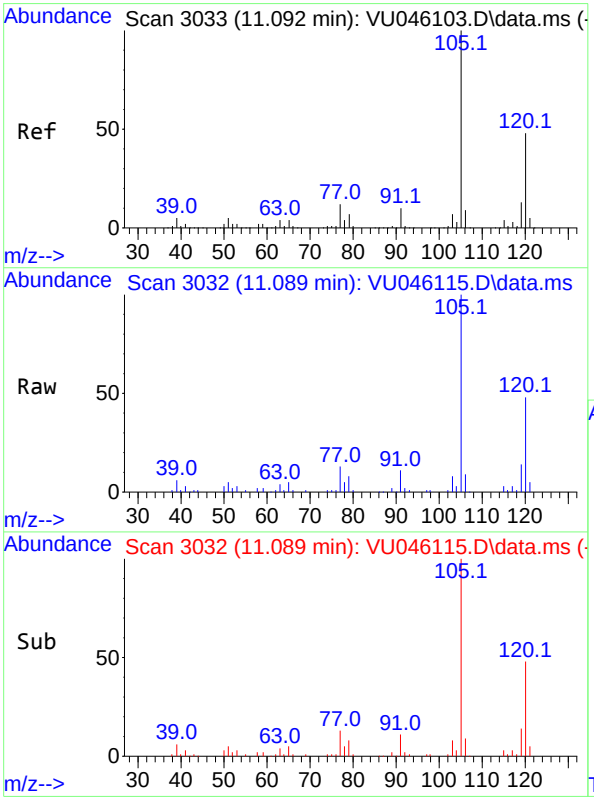
#61
Isopropylbenzene
Concen: 1.018 ug/L
RT: 10.488 min Scan# 2
Delta R.T. -0.000 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5DL

Tgt Ion:105 Resp: 6855

Ion	Ratio	Lower	Upper
105	100		
120	25.0	20.7	31.1
77	14.3	12.2	18.4

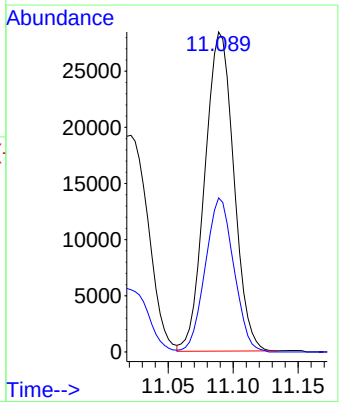


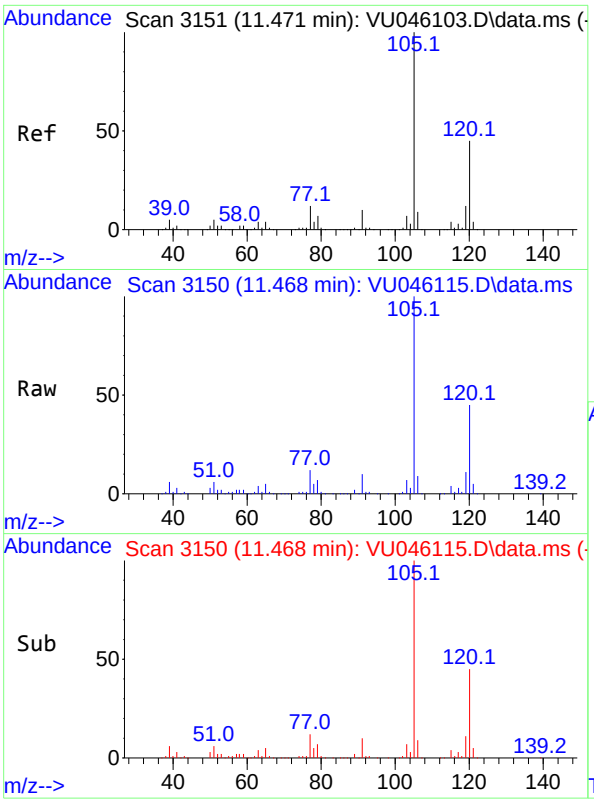


#62
1,3,5-Trimethylbenzene
Concen: 7.826 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Tgt Ion:105 Resp: 43929

Ion	Ratio	Lower	Upper
105	100		
120	47.7	37.8	56.6





#63
1,2,4-Trimethylbenzene
Concen: 22.532 ug/L
RT: 11.468 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046115.D
Acq: 06 Dec 2021 16:27

Instrument :
MSVOA_U
ClientSampleId :
BGKQ5DL

Tgt Ion:105 Resp: 126532

Ion	Ratio	Lower	Upper
105	100		
120	44.9	35.2	52.8