Quantitation Report (LSC Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\VU121021\
Data File : VU046272.D
Acq On : 10 Dec 2021 17:53
Operator : SY/MD
Sample : M4943-01DL 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Quant Time: Dec 10 22:25:31 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	6.253	114	238946	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.420	117	246864	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.812	152	137868	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.604	65	62027	31.513	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	63.020%		
7) Chloroethane-d5	1.919	69	48620	32.172	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	64.340%#		
11) 1,1-Dichloroethene-d2	2.575	63	90185	25.523	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	51.040%#		
21) 2-Butanone-d5	4.639	46	130435	83.360	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery =	83.360%		
24) Chloroform-d	5.070	84	125275	38.112	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	76.220%		
26) 1,2-Dichloroethane-d4	5.706	65	86791	39.344	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	78.680%		
32) Benzene-d6	5.732	84	267043	37.742	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	75.480%		
36) 1,2-Dichloropropane-d6	6.693	67	85589	39.031	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	78.060%		
41) Toluene-d8	7.902	98	235660	36.580	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	73.160%#		
43) trans-1,3-Dichloroprop...	8.182	79	43120	40.735	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	81.460%		
47) 2-Hexanone-d5	8.636	63	94507	90.898	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery =	90.900%		
56) 1,1,2,2-Tetrachloroeth...	10.758	84	137776	41.430	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery =	82.860%		
66) 1,2-Dichlorobenzene-d4	12.195	152	105786	39.843	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	79.680%#		
Target Compounds						Qvalue
13) Acetone	2.658	43	15959	8.161	ug/L	97
33) Benzene	5.777	78	5873	0.786	ug/L	100
42) Toluene	7.970	91	87856	10.958	ug/L	98
52) Ethylbenzene	9.571	91	210699	24.420	ug/L	98
53) m,p-Xylene	9.693	106	241049	71.636	ug/L	98
54) o-xylene	10.102	106	82879	25.383	ug/L	93
61) Isopropylbenzene	10.484	105	34425	3.838	ug/L	98
62) 1,3,5-Trimethylbenzene	11.089	105	94488	12.637	ug/L	98
63) 1,2,4-Trimethylbenzene	11.468	105	325385	43.498	ug/L	99
67) 1,2-Dichlorobenzene	12.214	146	3497	0.815	ug/L #	67

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

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QLast Update : Fri Dec 03 05:08:36 2021
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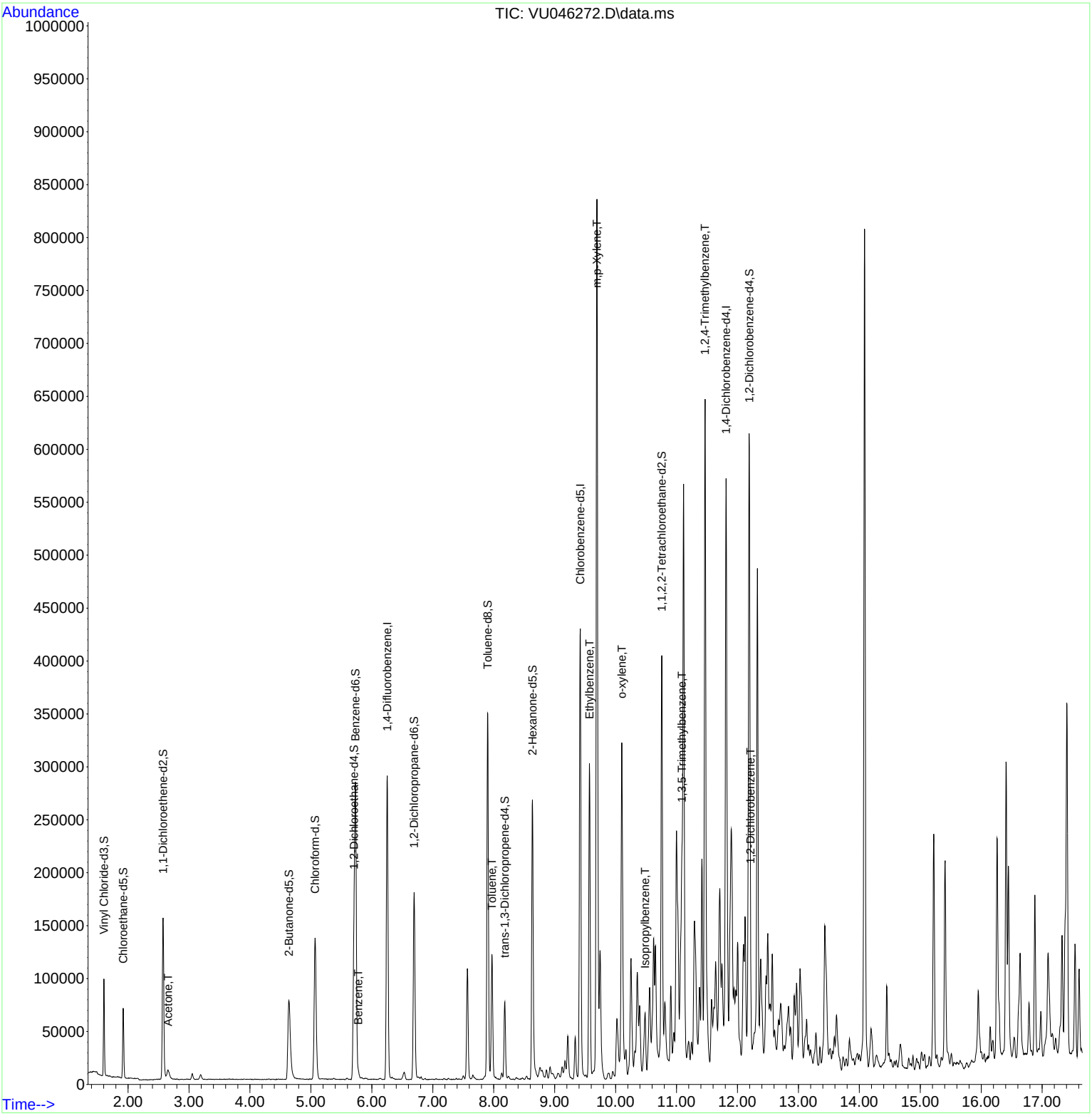
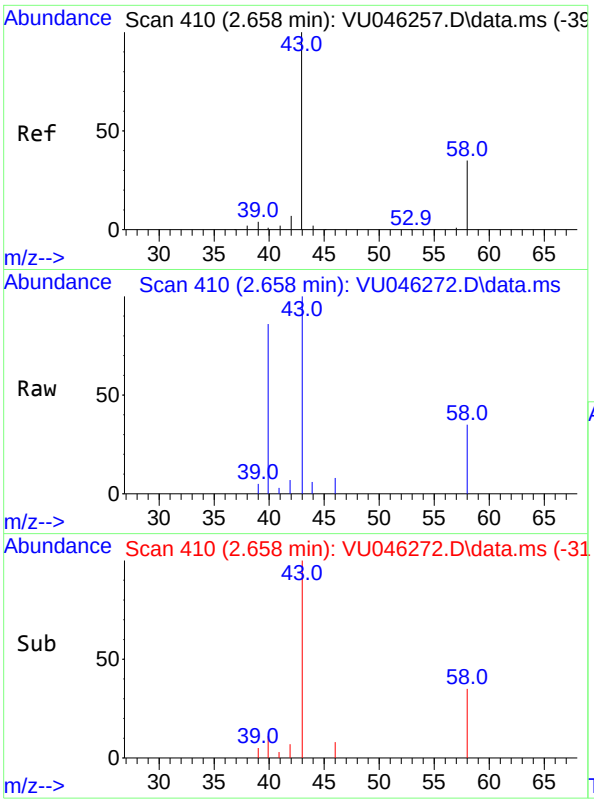


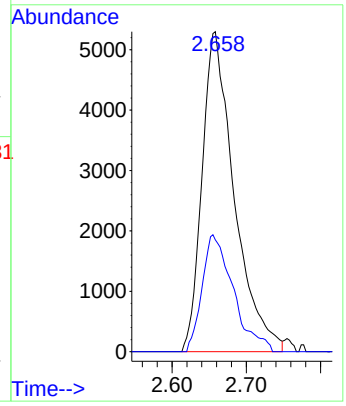


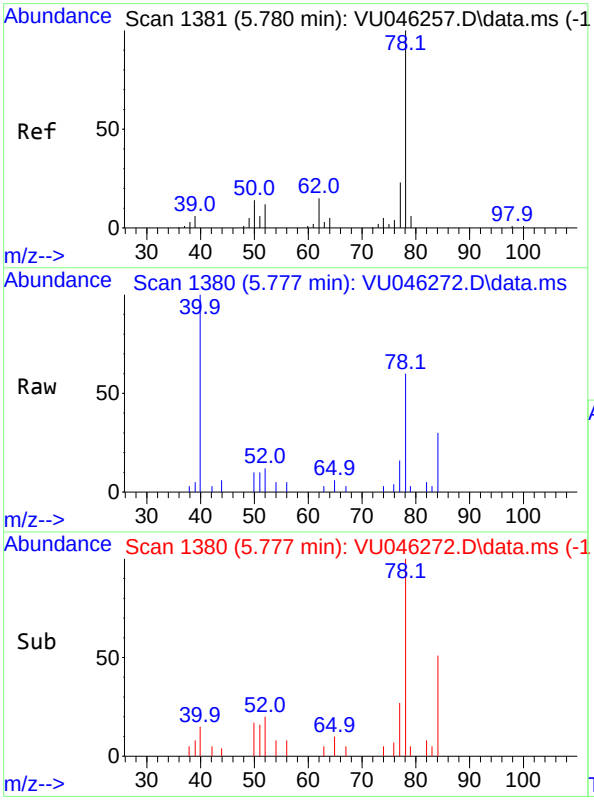
#13
Acetone
Concen: 8.161 ug/L
RT: 2.658 min Scan# 41
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Tgt Ion: 43 Resp: 15959

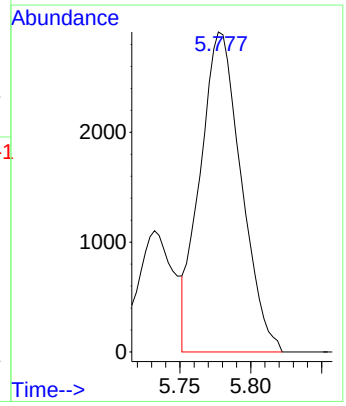
Ion	Ratio	Lower	Upper
43	100		
58	35.4	0.0	66.8

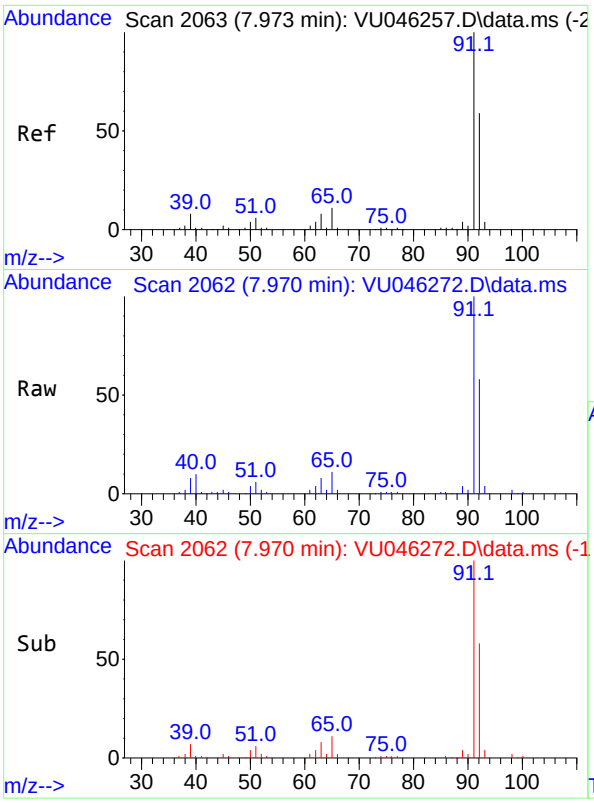




#33
Benzene
Concen: 0.786 ug/L
RT: 5.777 min Scan# 1380
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Tgt Ion: 78 Resp: 5873



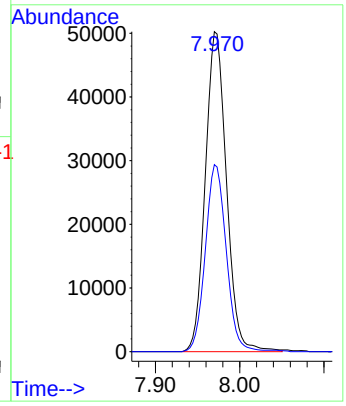


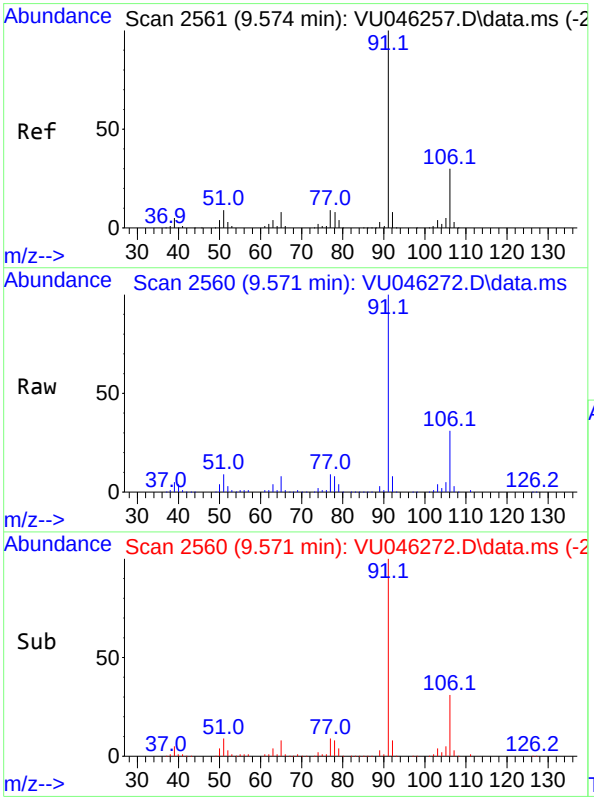
#42
Toluene
Concen: 10.958 ug/L
RT: 7.970 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Tgt Ion: 91 Resp: 87856

Ion	Ratio	Lower	Upper
91	100		
92	58.5	41.9	77.7

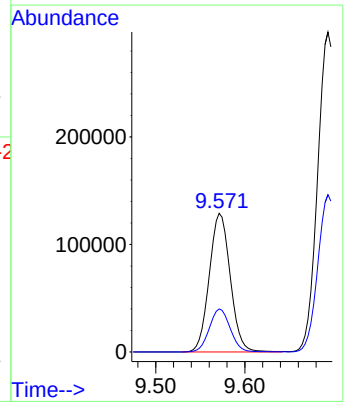


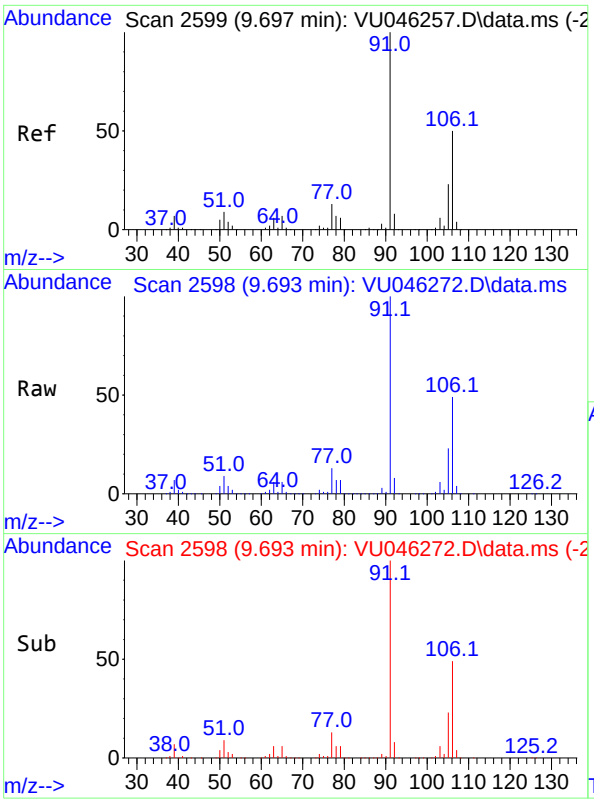


#52
Ethylbenzene
Concen: 24.420 ug/L
RT: 9.571 min Scan# 2560
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Tgt Ion: 91 Resp: 210699

Ion	Ratio	Lower	Upper
91	100		
106	31.0	21.1	39.3



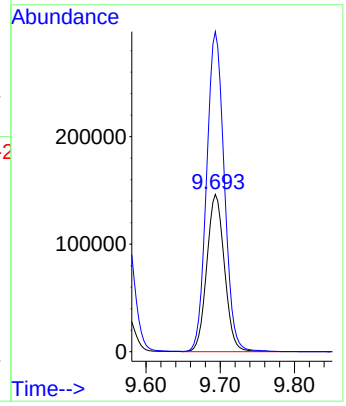


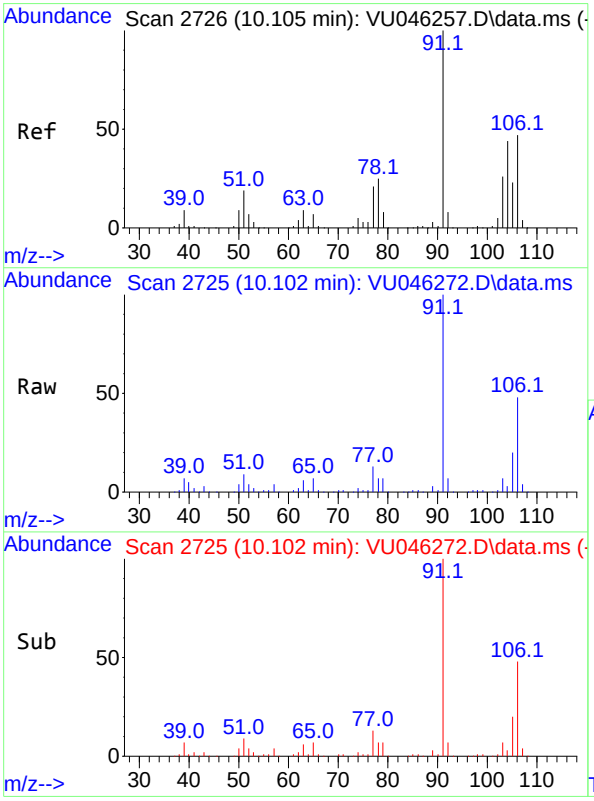
#53
m,p-Xylene
Concen: 71.636 ug/L
RT: 9.693 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Tgt Ion:106 Resp: 241049

Ion	Ratio	Lower	Upper
106	100		
91	203.4	144.3	268.1

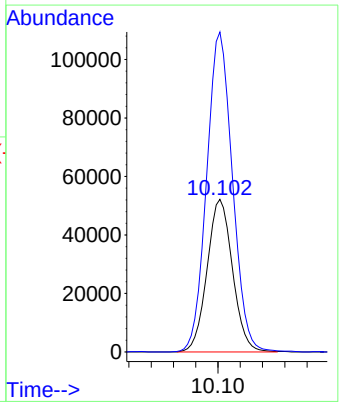


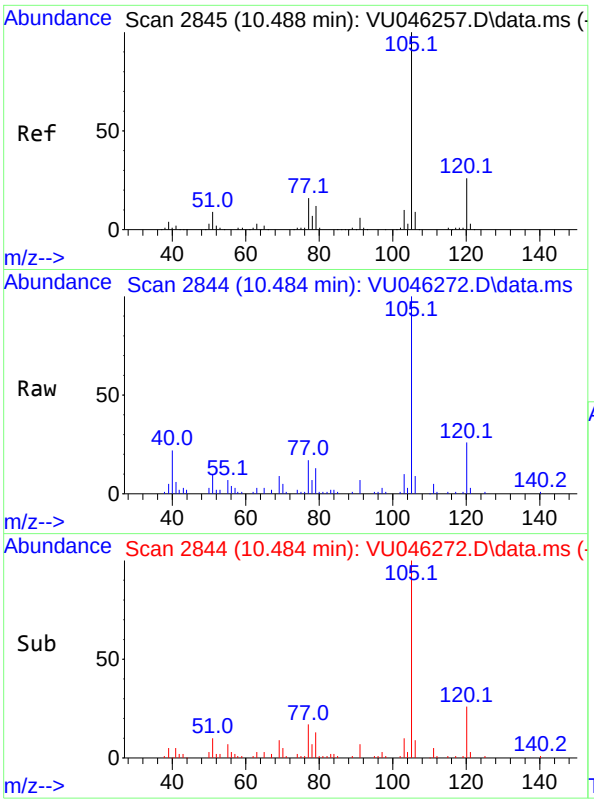


#54
o-xylene
Concen: 25.383 ug/L
RT: 10.102 min Scan# 2725
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Tgt Ion:106 Resp: 82879

Ion	Ratio	Lower	Upper
106	100		
91	209.7	154.2	286.4



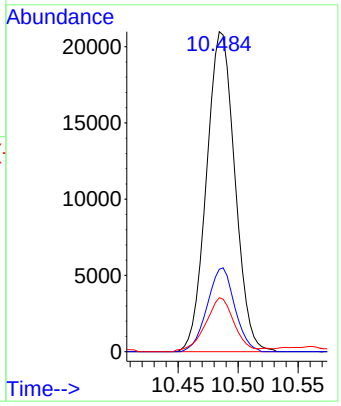


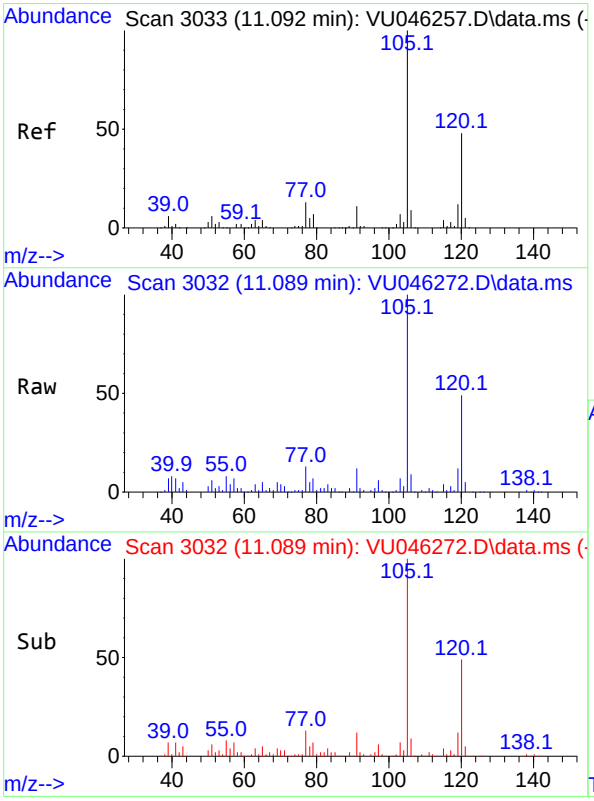
#61
Isopropylbenzene
Concen: 3.838 ug/L
RT: 10.484 min Scan# 2
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Tgt Ion:105 Resp: 34425

Ion	Ratio	Lower	Upper
105	100		
120	25.5	20.7	31.1
77	17.0	12.2	18.4

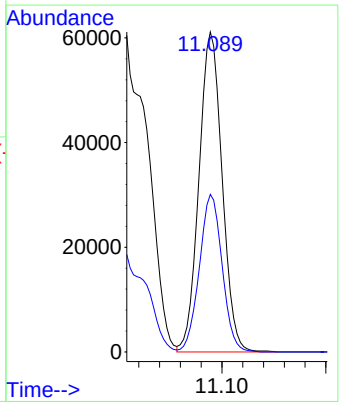


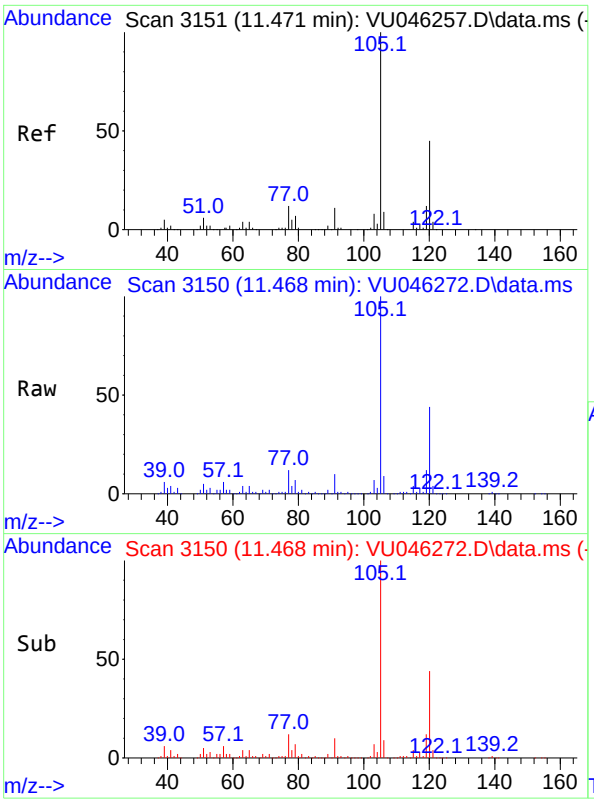


#62
1,3,5-Trimethylbenzene
Concen: 12.637 ug/L
RT: 11.089 min Scan# 3032
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Tgt Ion:105 Resp: 94488

Ion	Ratio	Lower	Upper
105	100		
120	48.4	37.8	56.6



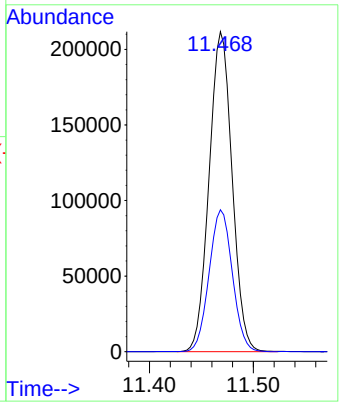


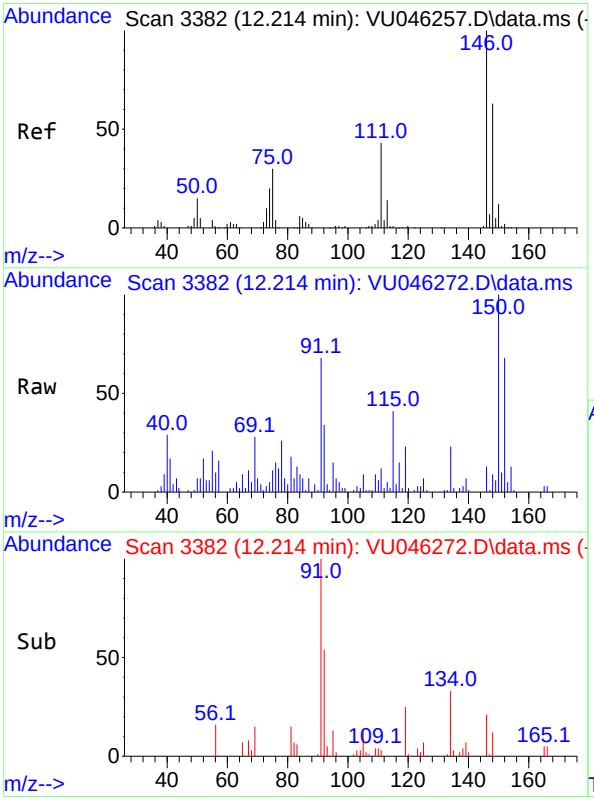
#63
1,2,4-Trimethylbenzene
Concen: 43.498 ug/L
RT: 11.468 min Scan# 3
Delta R.T. -0.003 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Instrument :
MSVOA_U
ClientSampleId :
BGKQ1DL

Tgt Ion:105 Resp: 325385

Ion	Ratio	Lower	Upper
105	100		
120	44.8	35.2	52.8





#67
1,2-Dichlorobenzene
Concen: 0.815 ug/L
RT: 12.214 min Scan# 3382
Delta R.T. -0.000 min
Lab File: VU046272.D
Acq: 10 Dec 2021 17:53

Tgt Ion:146 Resp: 3497

Ion	Ratio	Lower	Upper
146	100		
111	94.5	35.7	53.5#
148	66.1	51.2	76.8