Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU121420\
Data File : VU041620.D
Acq On : 14 Dec 2020 19:01
Operator : SY/MD
Sample : L5027-18MSD
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 21 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GB1J7MSD

Manual Integrations APPROVED
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Quant Time: Dec 15 01:57:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR121220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 15 00:46:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	120372	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	118197	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	52930	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.60	65	29937	3.18	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 63.60%			
7) Chloroethane-d5	1.92	69	30744	4.22	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 84.40%			
11) 1,1-Dichloroethene-d2	2.58	63	75143	4.34	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 86.80%			
20) 2-Butanone-d5	4.66	46	150888	55.82	ug/L	0.02
Spiked Amount 50.000	Range 40 - 130		Recovery = 111.64%			
24) Chloroform-d	5.08	84	80730	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
26) 1,2-Dichloroethane-d4	5.72	65	46934	5.13	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 102.60%			
32) Benzene-d6	5.74	84	155520	4.60	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 92.00%			
36) 1,2-Dichloropropane-d6	6.70	67	51450	4.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 97.00%			
41) Toluene-d8	7.90	98	138556	4.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 90.80%			
43) trans-1,3-Dichloropropene-	8.19	79	21068	4.42	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 88.40%			
46) 2-Hexanone-d5	8.64	63	123271	47.26	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.52%			
57) 1,1,2,2-Tetrachloroethane-	10.75	84	49379	5.12	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.40%			
64) 1,2-Dichlorobenzene-d4	12.19	152	51370	5.46	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 109.20%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.59	96	43183	5.288	ug/L	96
13) Acetone	2.68	43	7153m	4.160	ug/L	
21) 2-Butanone	4.74	43	3506	1.252	ug/L	90
33) Benzene	5.79	78	190348	5.035	ug/L	100
34) Trichloroethene	6.55	95	46164	4.860	ug/L	96
42) Toluene	7.98	91	197580	5.063	ug/L	100
47) Tetrachloroethene	8.56	164	5039	0.758	ug/L	94
51) Chlorobenzene	9.45	112	123894	5.107	ug/L	97

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

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Instrument :
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ClientSampleId :
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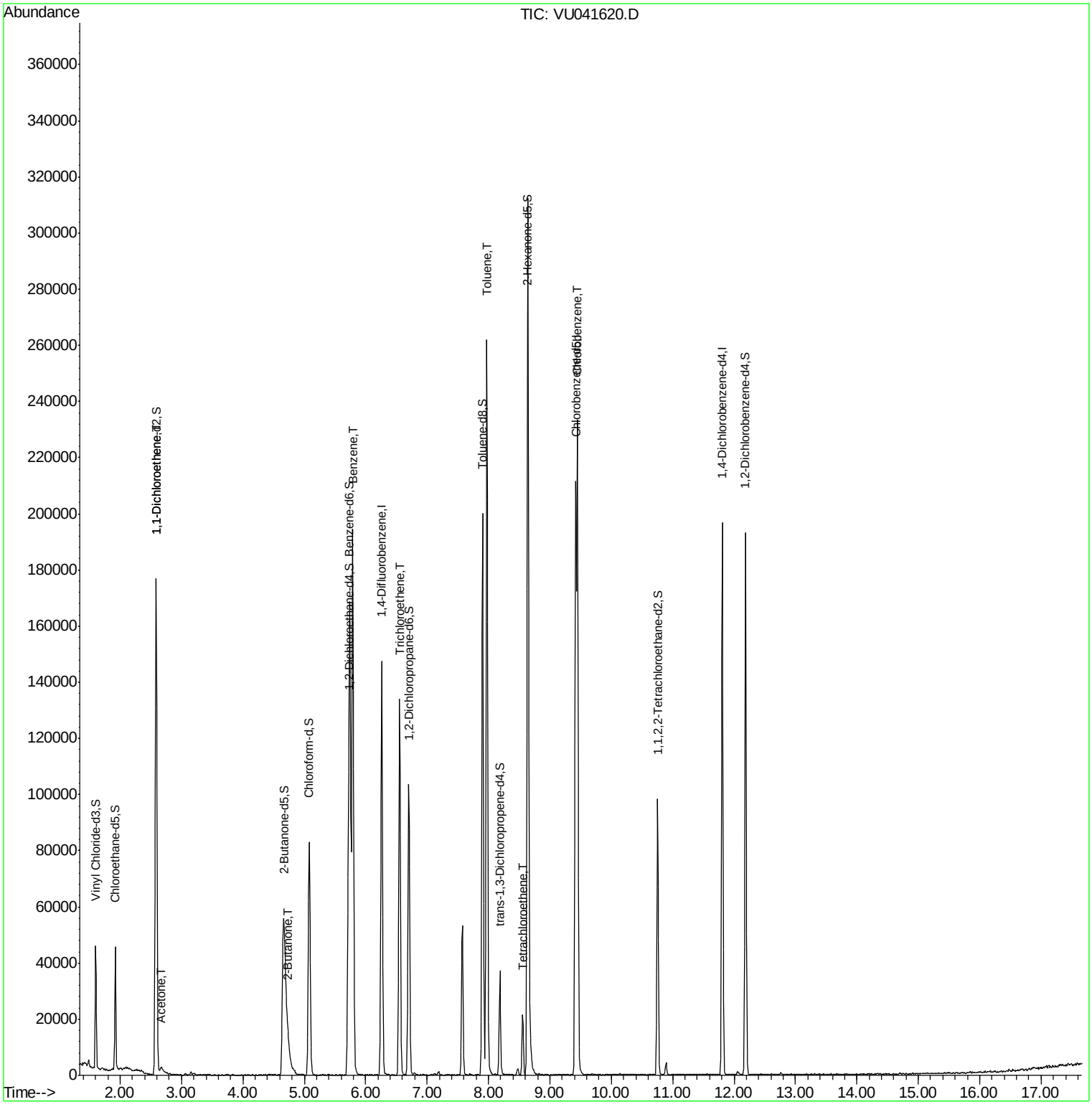
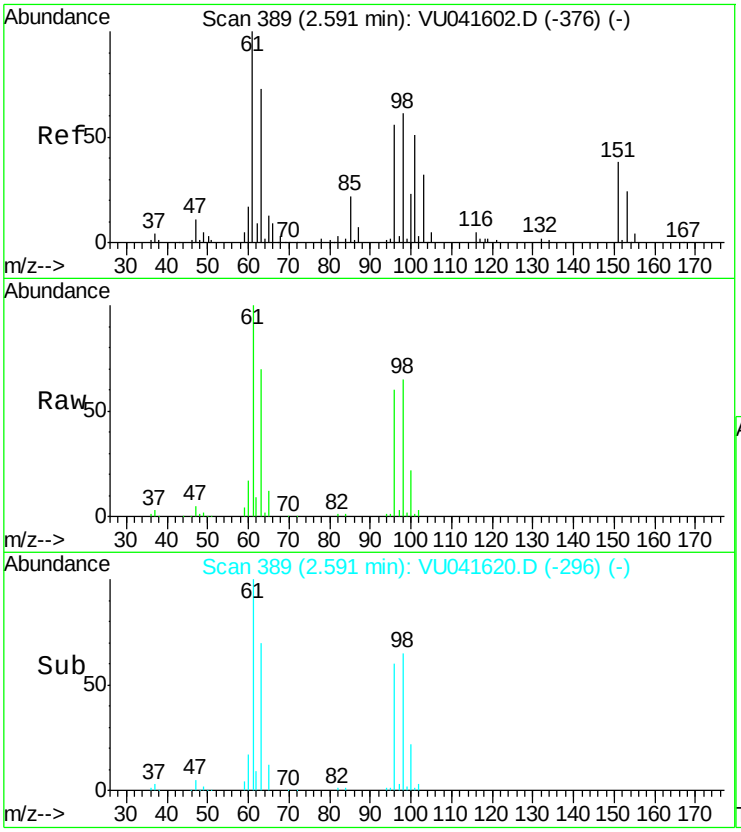
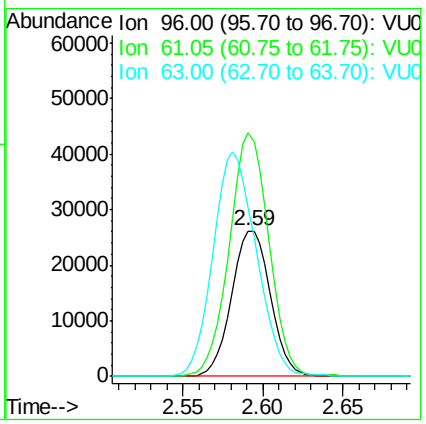




#12
1,1-Dichloroethene
Concen: 5.288 ug/L
RT: 2.59 min Scan# 389
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 96 Resp: 43183

Ion	Ratio	Lower	Upper
96	100		
61	167.2	123.8	230.0
63	116.4	81.0	150.4



Instrument :
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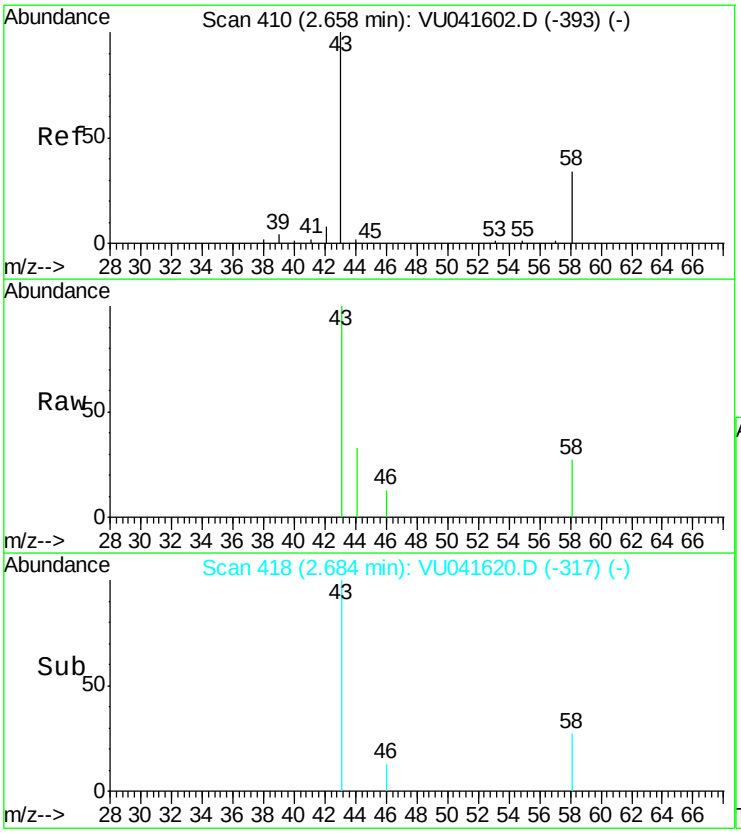
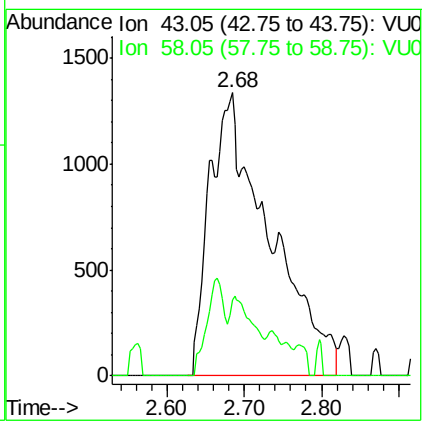
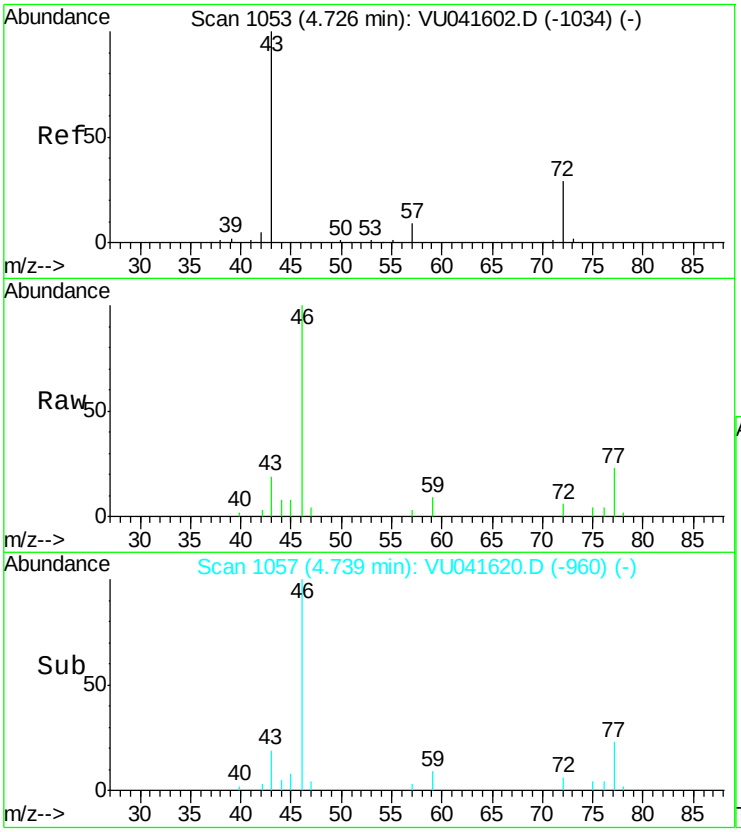


#13
Acetone
Concen: 4.160 ug/L m
RT: 2.68 min Scan# 418
Delta R.T. 0.03 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 43 Resp: 7153

Ion	Ratio	Lower	Upper
43	100		
58	10.0	0.0	73.2

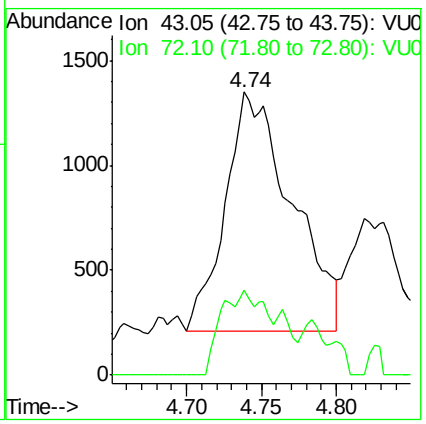




#21
2-Butanone
Concen: 1.252 ug/L
RT: 4.74 min Scan# 1057
Delta R.T. 0.01 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 43 Resp: 3506

Ion	Ratio	Lower	Upper
43	100		
72	24.1	14.6	44.0



Instrument :
MSVOA_U
ClientSampleId :
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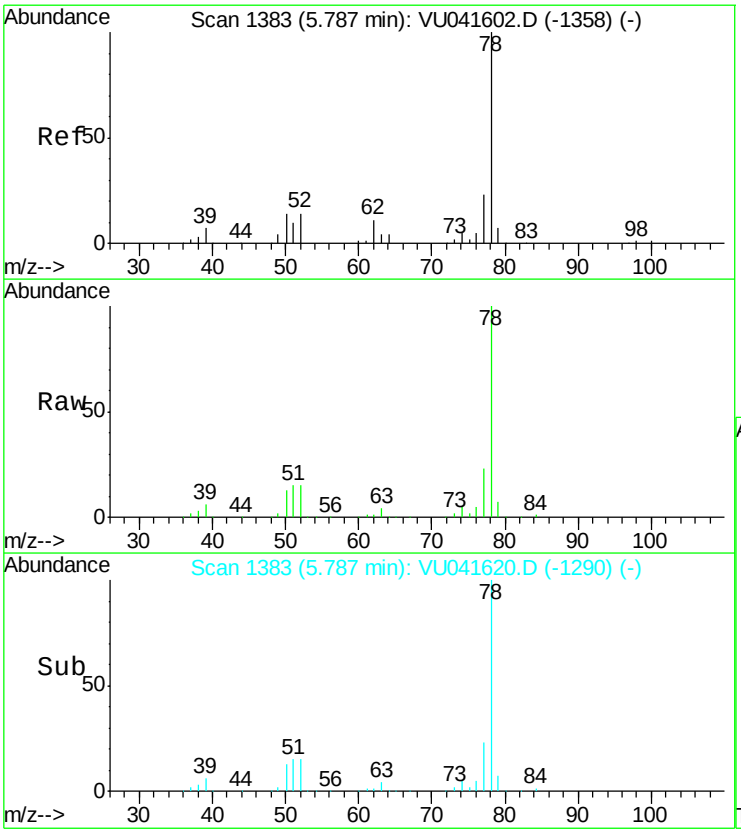
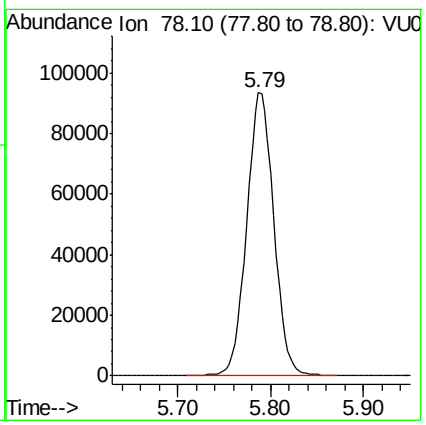
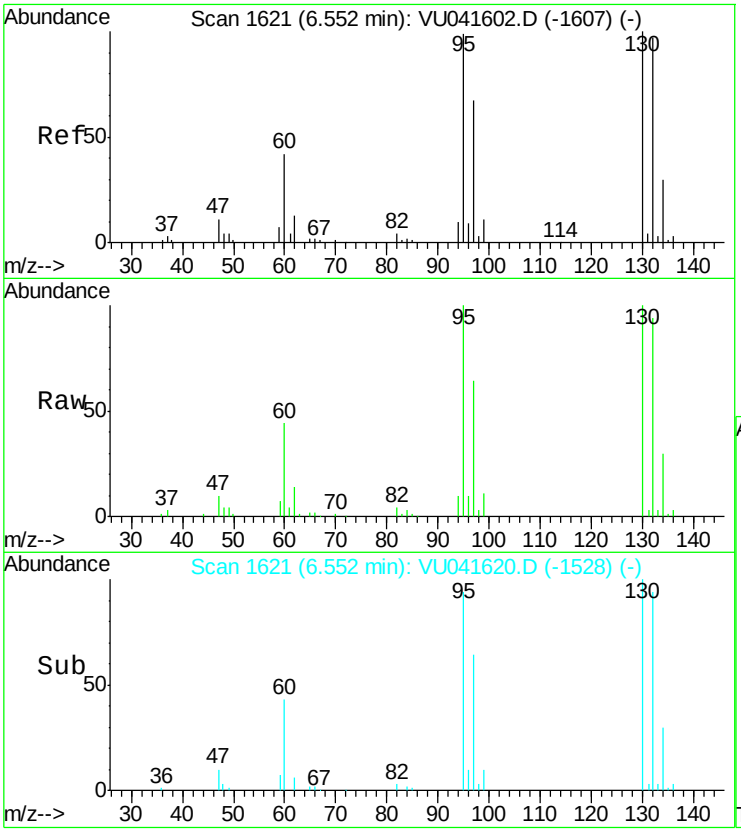


#33
Benzene
Concen: 5.035 ug/L
RT: 5.79 min Scan# 1383
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 78 Resp: 190348

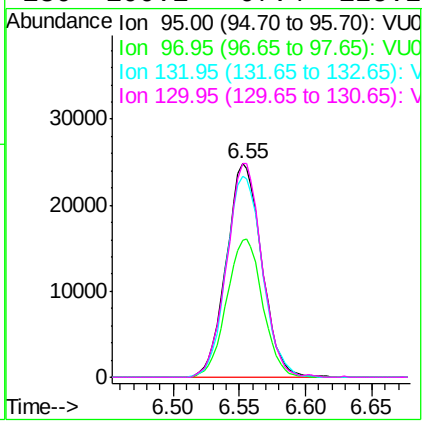




#34
Trichloroethene
Concen: 4.860 ug/L
RT: 6.55 min Scan# 1621
Delta R.T. -0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 95 Resp: 46164

Ion	Ratio	Lower	Upper
95	100		
97	64.3	43.9	81.5
132	94.4	63.1	117.3
130	100.1	67.4	125.2



Instrument :
MSVOA_U
ClientSampleId :
GB1J7MSD

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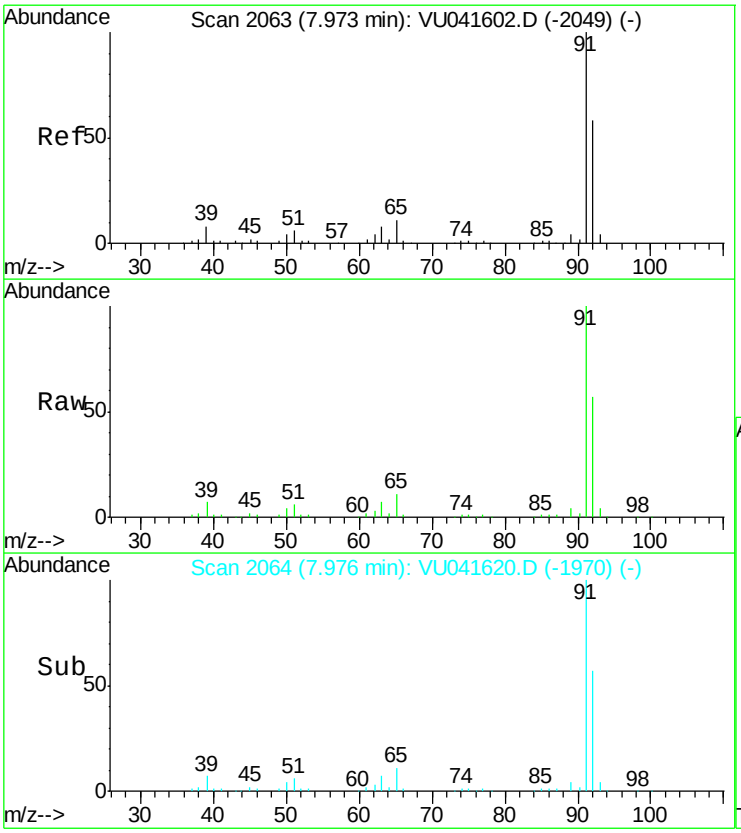
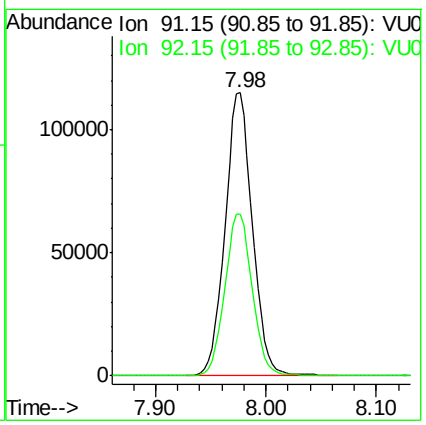
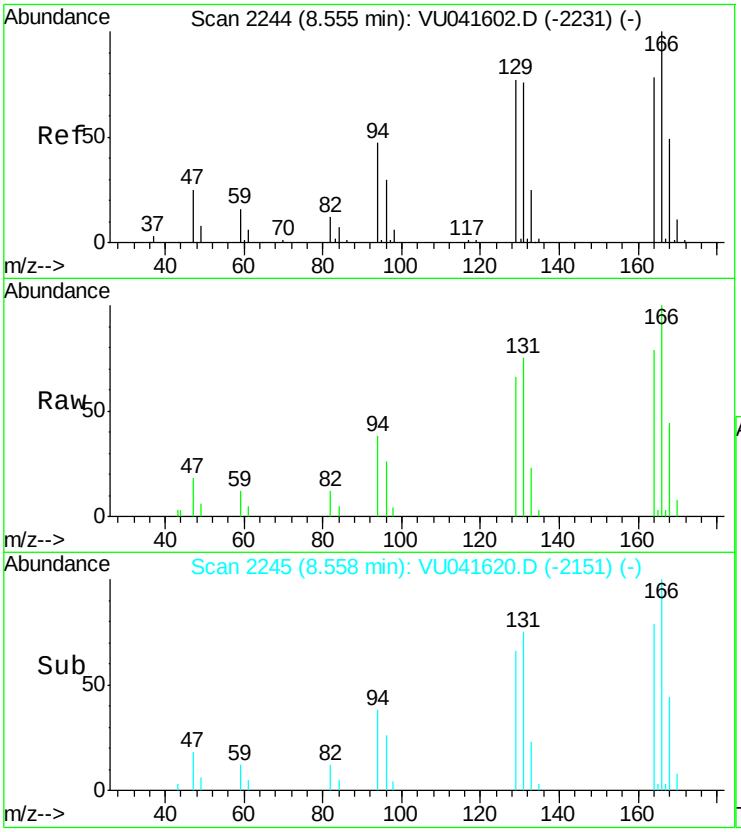


#42
Toluene
Concen: 5.063 ug/L
RT: 7.98 min Scan# 2064
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion: 91 Resp: 197580

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.0	74.2

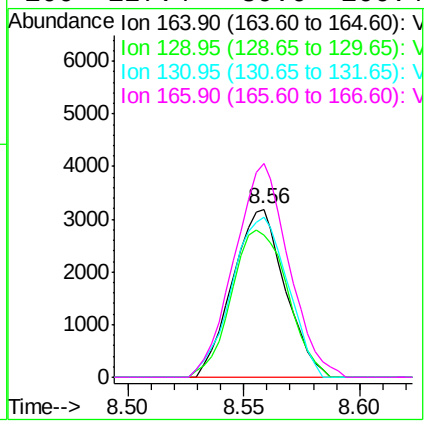




#47
Tetrachloroethene
Concen: 0.758 ug/L
RT: 8.56 min Scan# 2245
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

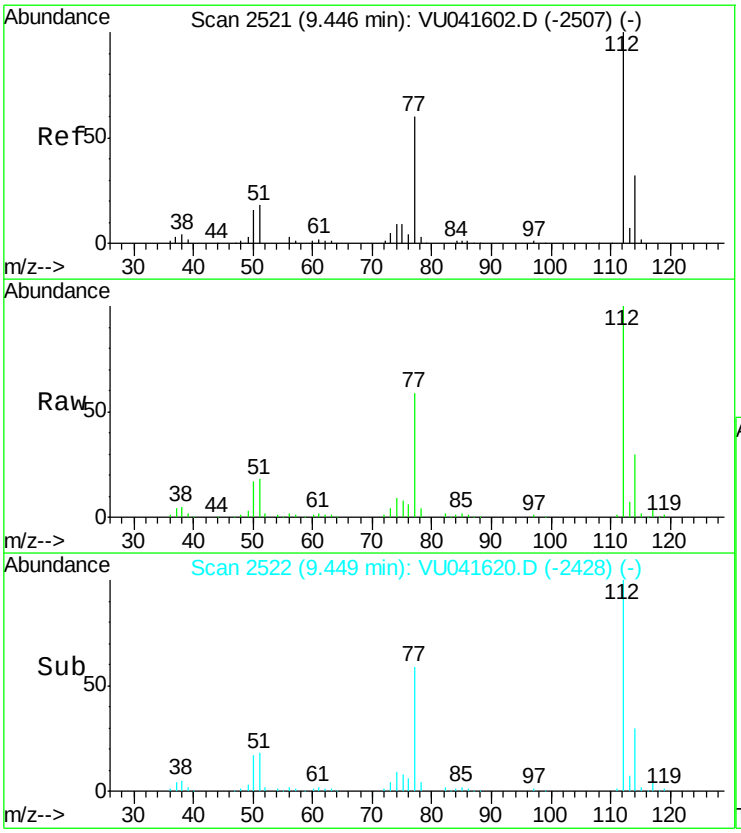
Tgt Ion:164 Resp: 5039

Ion	Ratio	Lower	Upper
164	100		
129	84.5	72.2	134.0
131	95.4	66.9	124.3
166	127.4	89.6	166.4



Instrument :
MSVOA_U
ClientSampleId :
GB1J7MSD

Manual Integrations APPROVED
apatel
12/16/2020 8:56:41 AM



#51
Chlorobenzene
Concen: 5.107 ug/L
RT: 9.45 min Scan# 2522
Delta R.T. 0.00 min
Lab File: VU041620.D
Acq: 14 Dec 2020 19:01

Tgt Ion:112 Resp: 123894

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.7	42.3
77	59.3	49.1	73.7