Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111819\
Data File : VU035742.D
Acq On : 18 Nov 2019 14:19
Operator : JC/SP
Sample : K5911-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : GAQK6MS

Quant Time: Nov 19 01:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	194324	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	231533	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	139617	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	90988	4.55	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 91.00%			
7) Chloroethane-d5	1.93	69	83659	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.20%			
11) 1,1-Dichloroethene-d2	2.60	63	167867	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 99.80%			
20) 2-Butanone-d5	4.71	46	238994	54.12	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 108.24%			
24) Chloroform-d	5.11	84	172564	5.41	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 108.20%			
26) 1,2-Dichloroethane-d4	5.75	65	91152	5.44	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 108.80%			
32) Benzene-d6	5.77	84	326862	4.49	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 89.80%			
36) 1,2-Dichloropropane-d6	6.73	67	113973	4.84	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 96.80%			
41) Toluene-d8	7.93	98	269691	3.91	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 78.20%			
43) trans-1,3-Dichloropropene-	8.22	79	42215	4.48	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.60%			
46) 2-Hexanone-d5	8.68	63	184470	50.02	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.04%			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	102015	5.16	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 103.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	125880	4.55	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 91.00%			
Target Compounds						Qvalue
6) Bromomethane	1.88	94	1895	0.135	ug/L	81
12) 1,1-Dichloroethene	2.61	96	97682	5.717	ug/L	89
13) Acetone	2.68	43	20601	6.470	ug/L	90
14) Carbon disulfide	2.82	76	77945	1.407	ug/L	100
21) 2-Butanone	4.79	43	7249	1.533	ug/L	88
33) Benzene	5.82	78	433193	5.317	ug/L	100
34) Trichloroethene	6.58	95	104288	5.001	ug/L	98
42) Toluene	8.01	91	488099	5.693	ug/L	98
51) Chlorobenzene	9.48	112	293948	5.222	ug/L	99
52) Ethylbenzene	9.60	91	18886	0.209	ug/L	99
53) m,p-Xylene	9.72	106	8559	0.251	ug/L	97
54) o-Xylene	10.13	106	3517	0.107	ug/L	94

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

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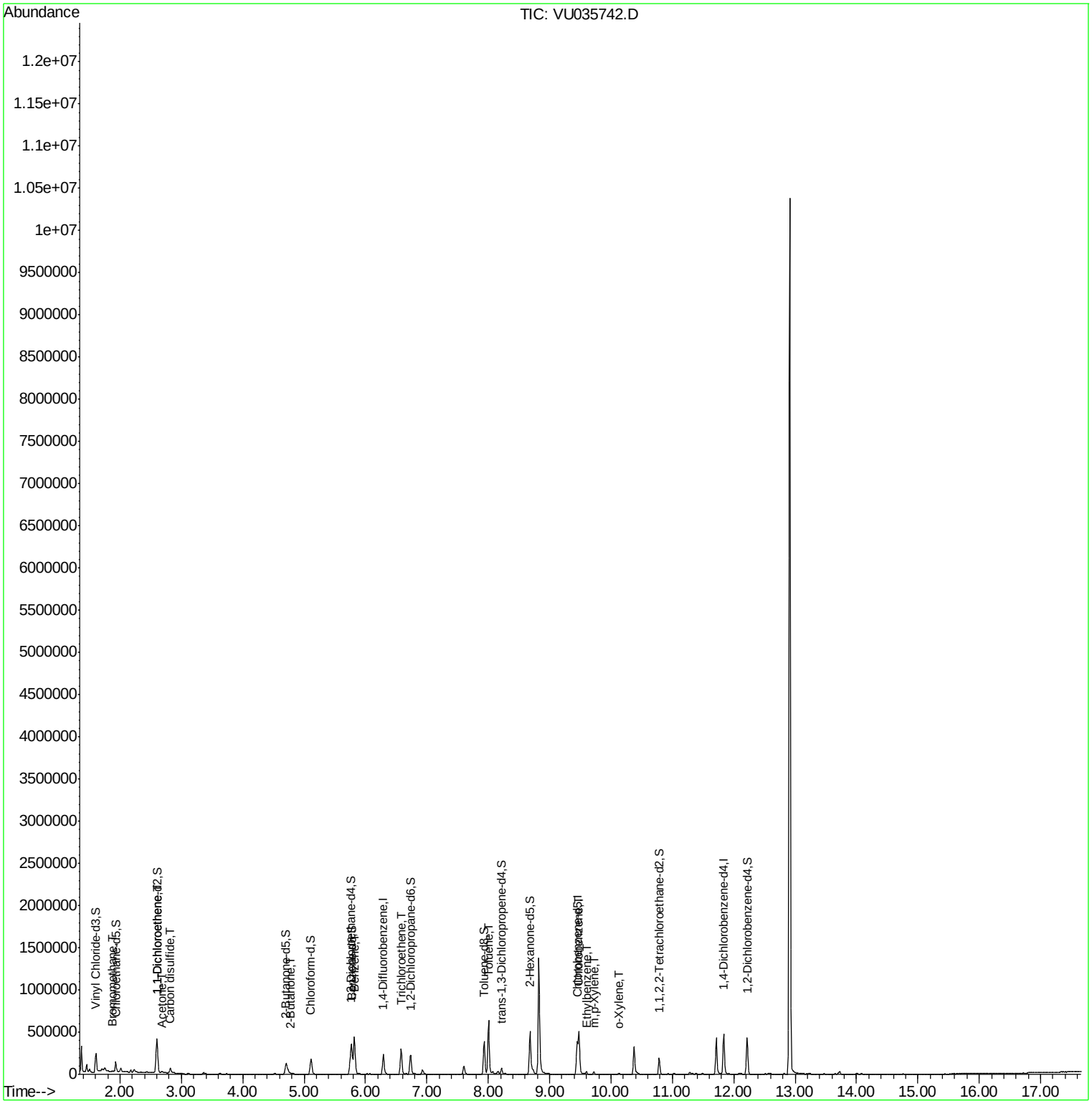
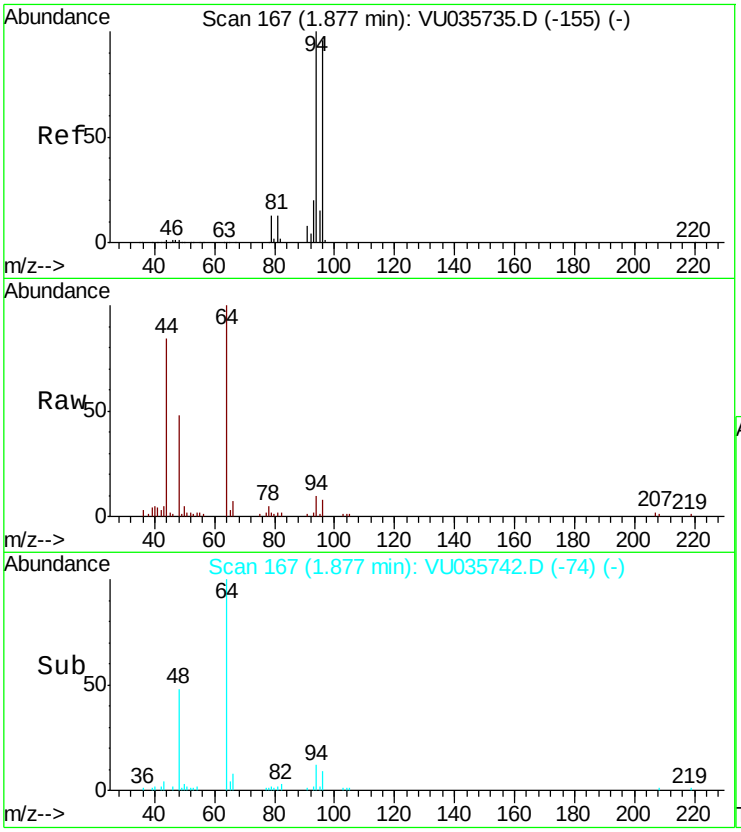
Operator : JC/SP
Sample : K5911-02MS
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
GAQK6MS

Quant Time: Nov 19 01:34:21 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Nov 19 00:32:50 2019
Response via : Initial Calibration



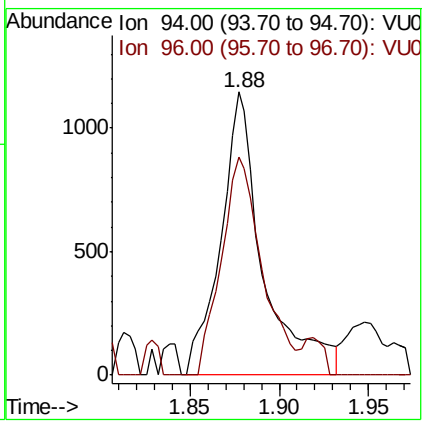


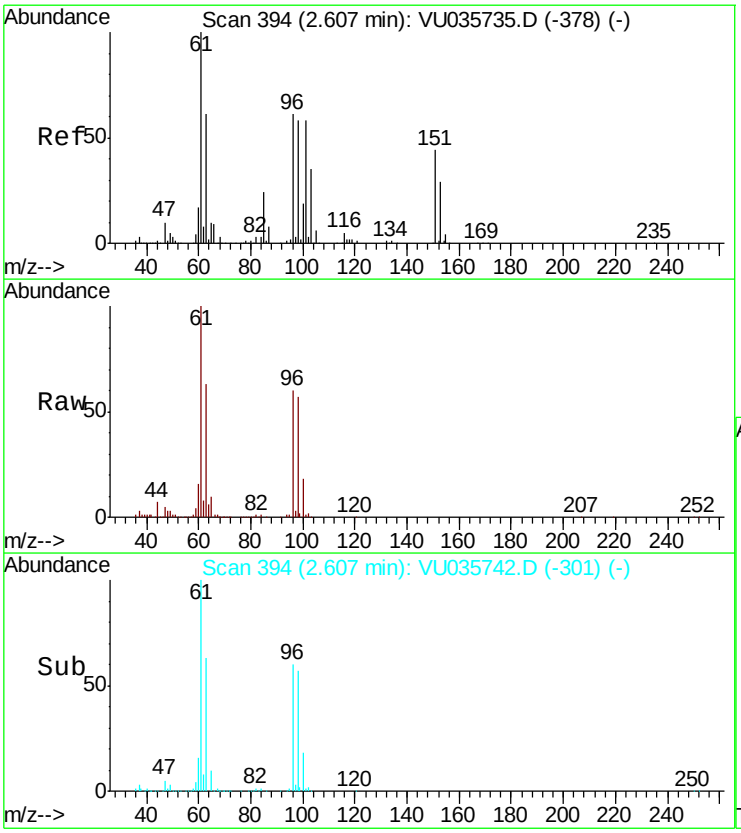
#6
Bromomethane
Concen: 0.135 ug/L
RT: 1.88 min Scan# 167
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
GAQK6MS

Tgt Ion: 94 Resp: 1895

Ion	Ratio	Lower	Upper
94	100		
96	77.0	66.8	124.2

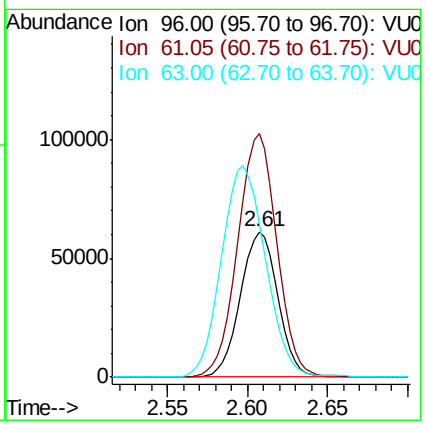


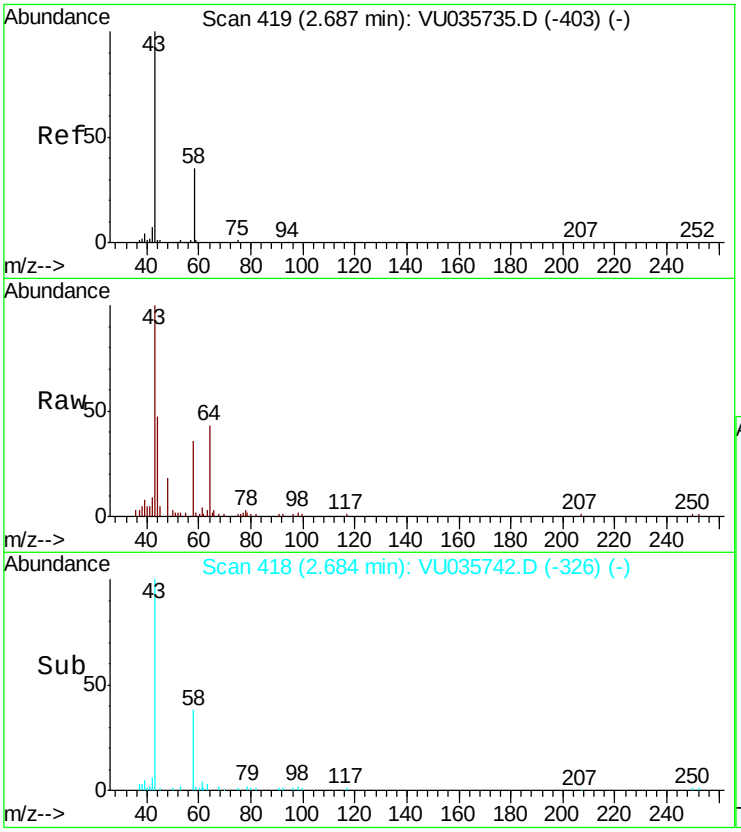


#12
1,1-Dichloroethene
Concen: 5.717 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion: 96 Resp: 97682

Ion	Ratio	Lower	Upper
96	100		
61	167.8	123.1	228.5
63	105.1	87.8	163.0



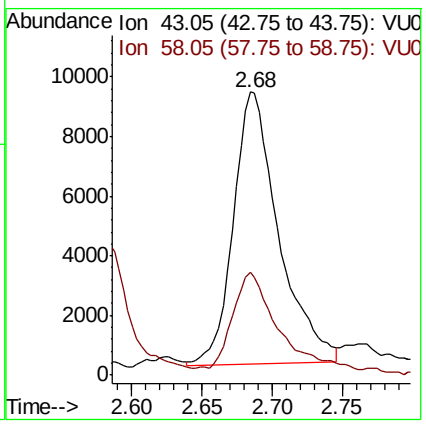


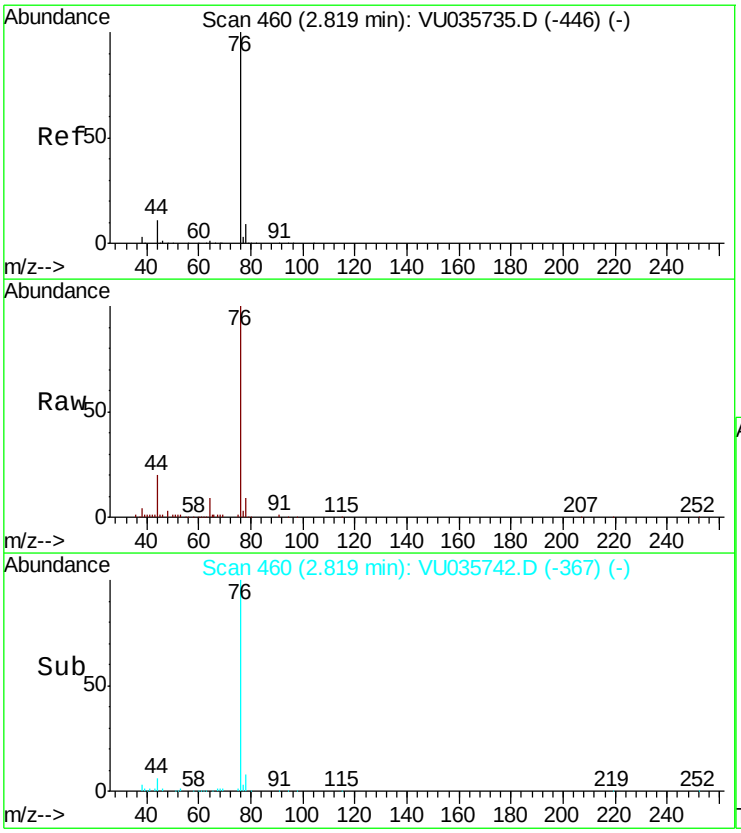
#13
Acetone
Concen: 6.470 ug/L
RT: 2.68 min Scan# 418
Delta R.T. -0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument : MSVOA_U
ClientSampleId : GAQK6MS

Tgt Ion: 43 Resp: 20601

Ion	Ratio	Lower	Upper
43	100		
58	40.6	0.0	69.8

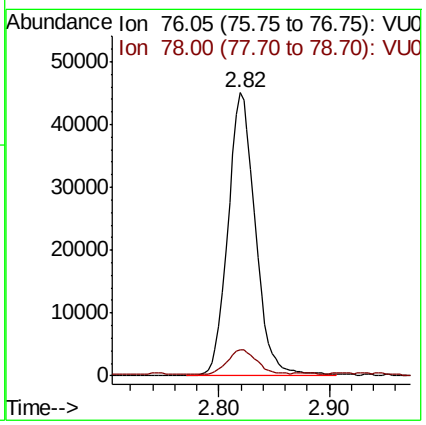


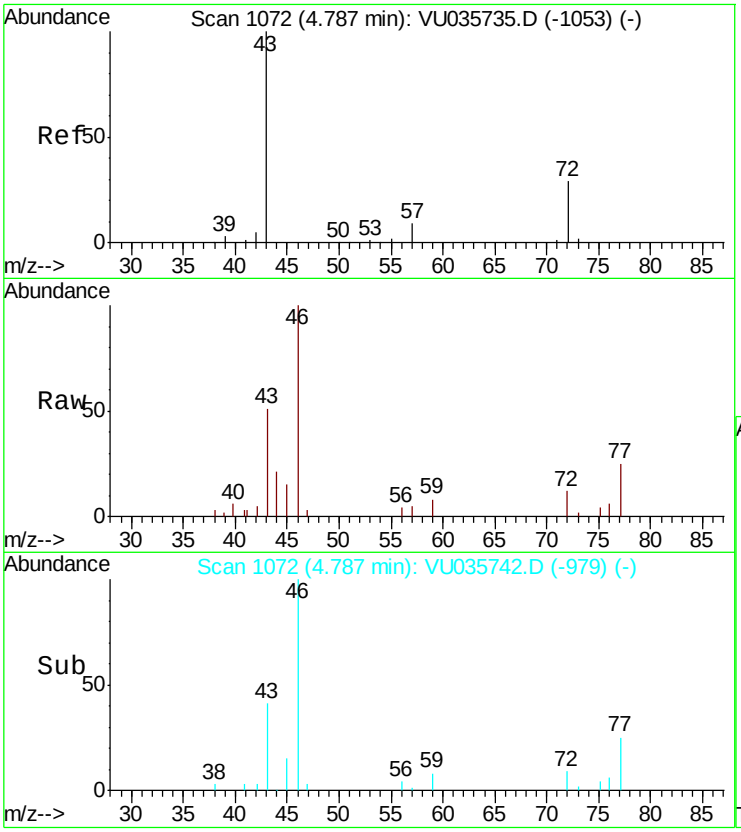


#14
Carbon disulfide
Concen: 1.407 ug/L
RT: 2.82 min Scan# 460
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion: 76 Resp: 77945

Ion	Ratio	Lower	Upper
76	100		
78	9.3	7.4	11.0



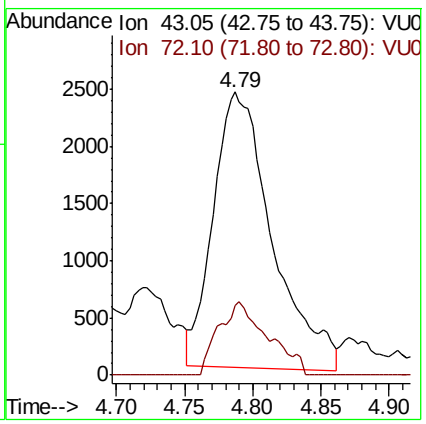


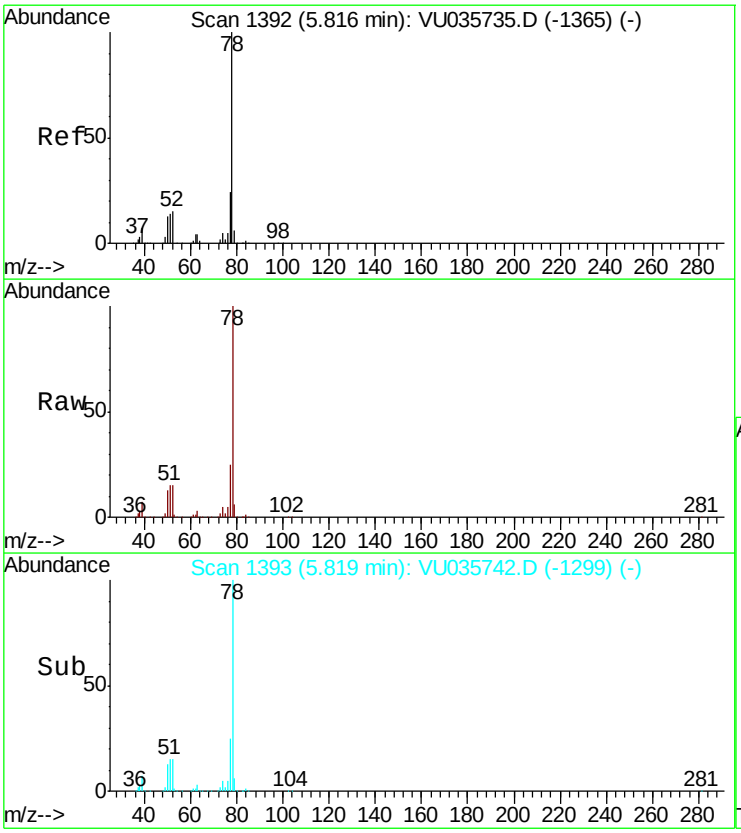
#21
2-Butanone
Concen: 1.533 ug/L
RT: 4.79 min Scan# 1072
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument : MSVOA_U
ClientSampleId : GAQK6MS

Tgt Ion: 43 Resp: 7249

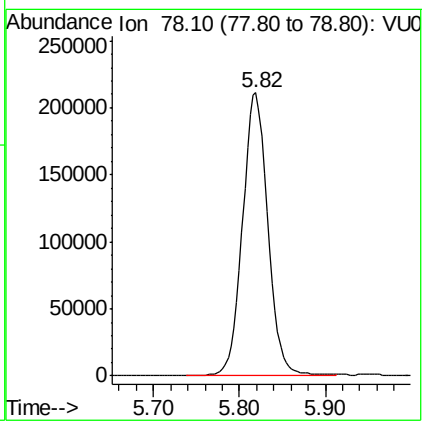
Ion	Ratio	Lower	Upper
43	100		
72	22.2	14.3	42.9

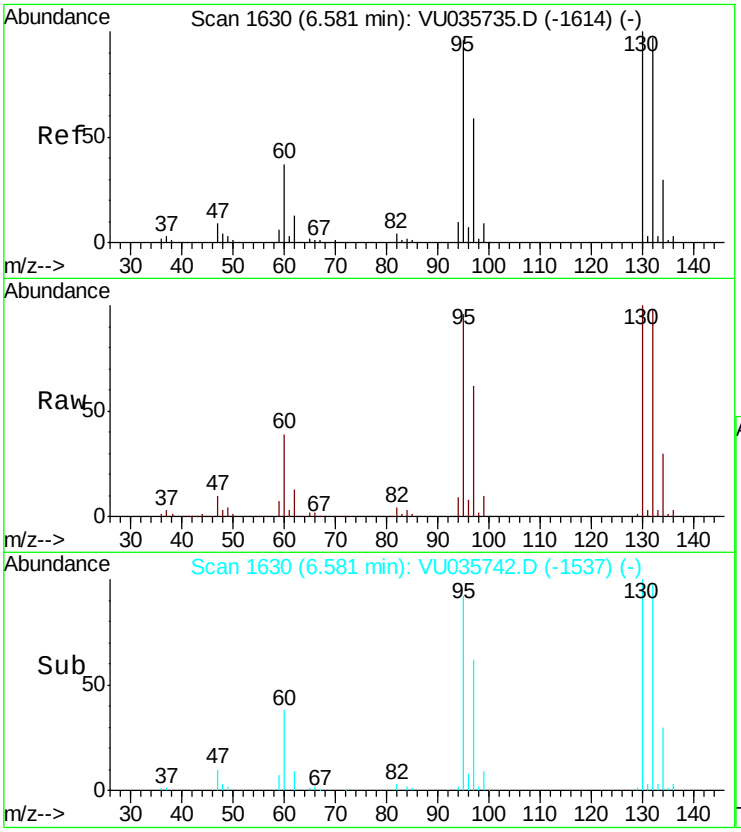




#33
Benzene
Concen: 5.317 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion: 78 Resp: 433193



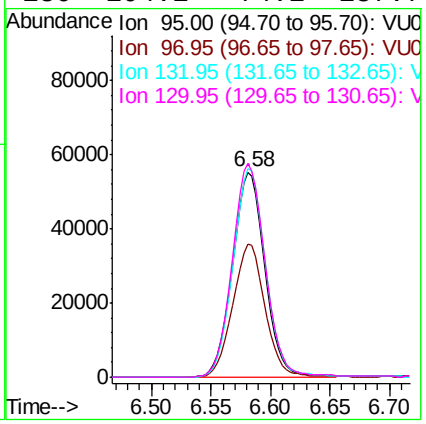


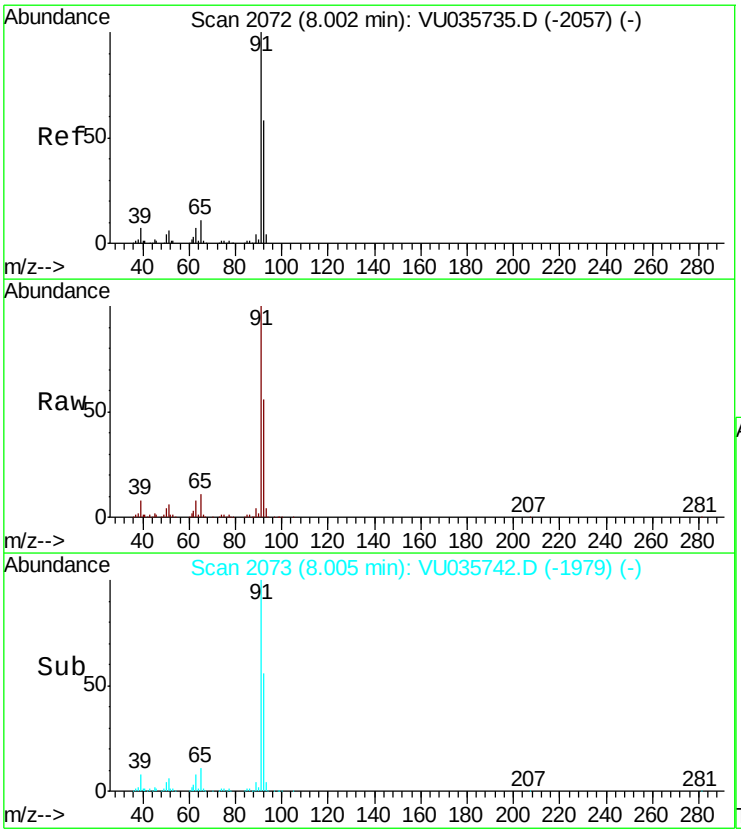
#34
Trichloroethene
Concen: 5.001 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument :
MSVOA_U
ClientSampleId :
GAQK6MS

Tgt Ion: 95 Resp: 104288

Ion	Ratio	Lower	Upper
95	100		
97	64.7	44.5	82.7
132	101.6	69.9	129.7
130	104.1	74.1	137.7

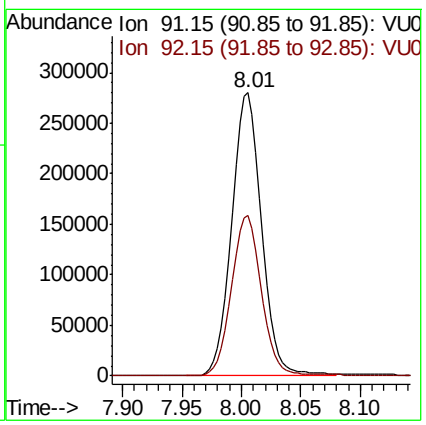


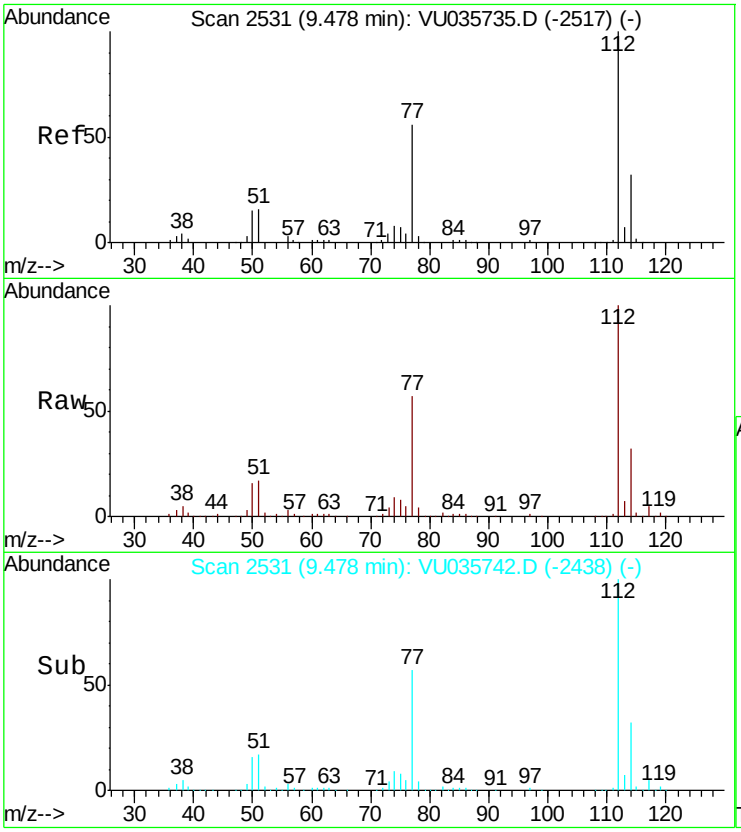


#42
Toluene
Concen: 5.693 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion: 91 Resp: 488099

Ion	Ratio	Lower	Upper
91	100		
92	56.5	40.5	75.3



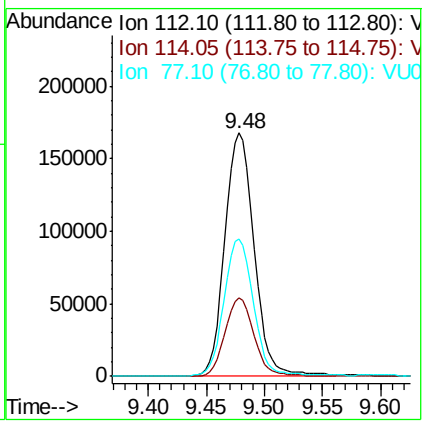


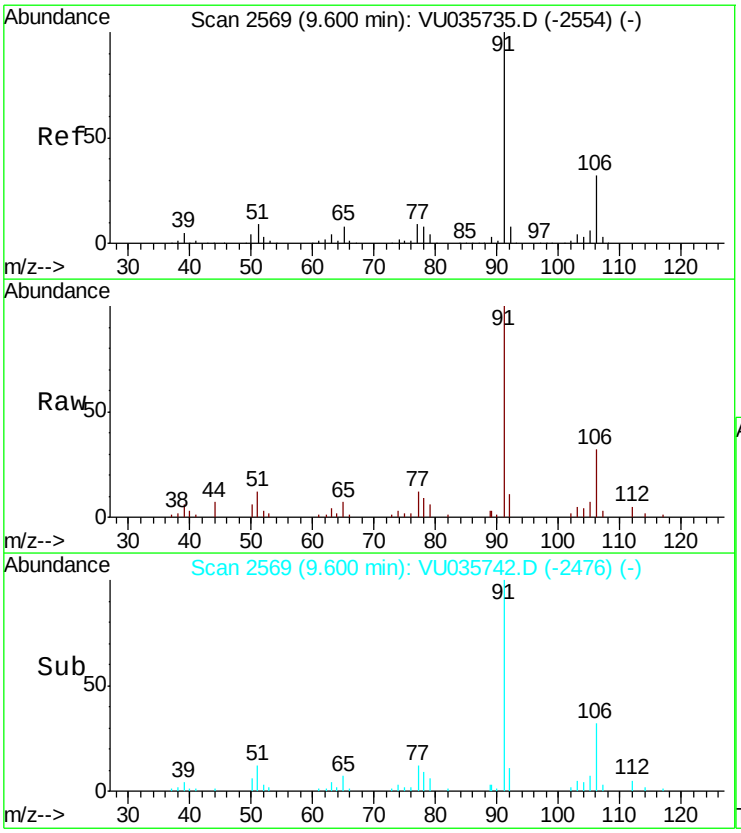
#51
Chlorobenzene
Concen: 5.222 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument : MSVOA_U
ClientSampleId : GAQK6MS

Tgt Ion:112 Resp: 293948

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	56.6	44.3	66.5

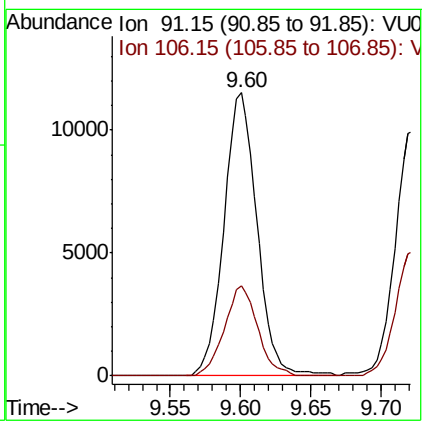


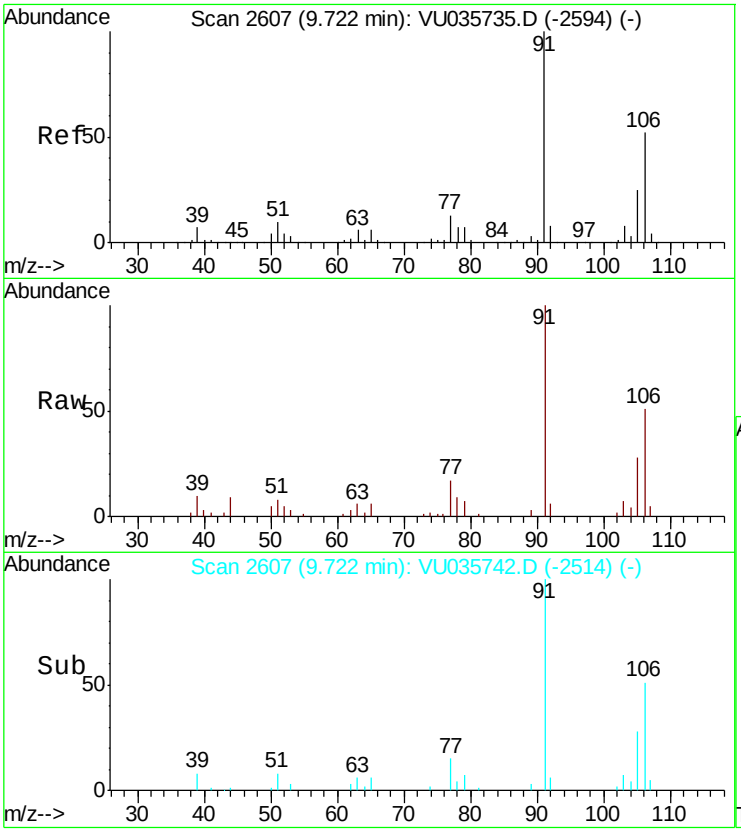


#52
Ethylbenzene
Concen: 0.209 ug/L
RT: 9.60 min Scan# 2569
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion: 91 Resp: 18886

Ion	Ratio	Lower	Upper
91	100		
106	31.7	22.4	41.6



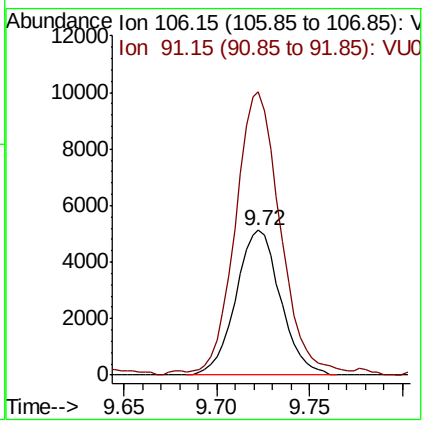


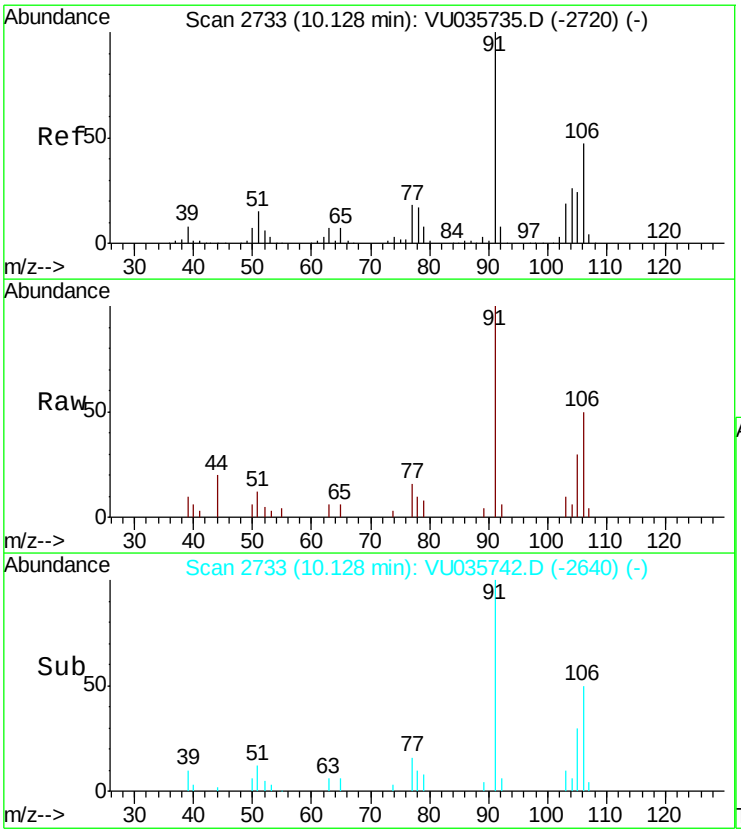
#53
m,p-Xylene
Concen: 0.251 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Instrument : MSVOA_U
ClientSampleId : GAQK6MS

Tgt Ion:106 Resp: 8559

Ion	Ratio	Lower	Upper
106	100		
91	195.1	139.4	259.0





#54
o-Xylene
Concen: 0.107 ug/L
RT: 10.13 min Scan# 2733
Delta R.T. 0.00 min
Lab File: VU035742.D
Acq: 18 Nov 2019 14:19

Tgt Ion:106 Resp: 3517

Ion	Ratio	Lower	Upper
106	100		
91	201.8	147.7	274.3