Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\
Data File : VU035460.D
Acq On : 24 Oct 2019 15:19
Operator : JC/SP
Sample : K5509-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0G07MS

Quant Time: Oct 25 07:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration

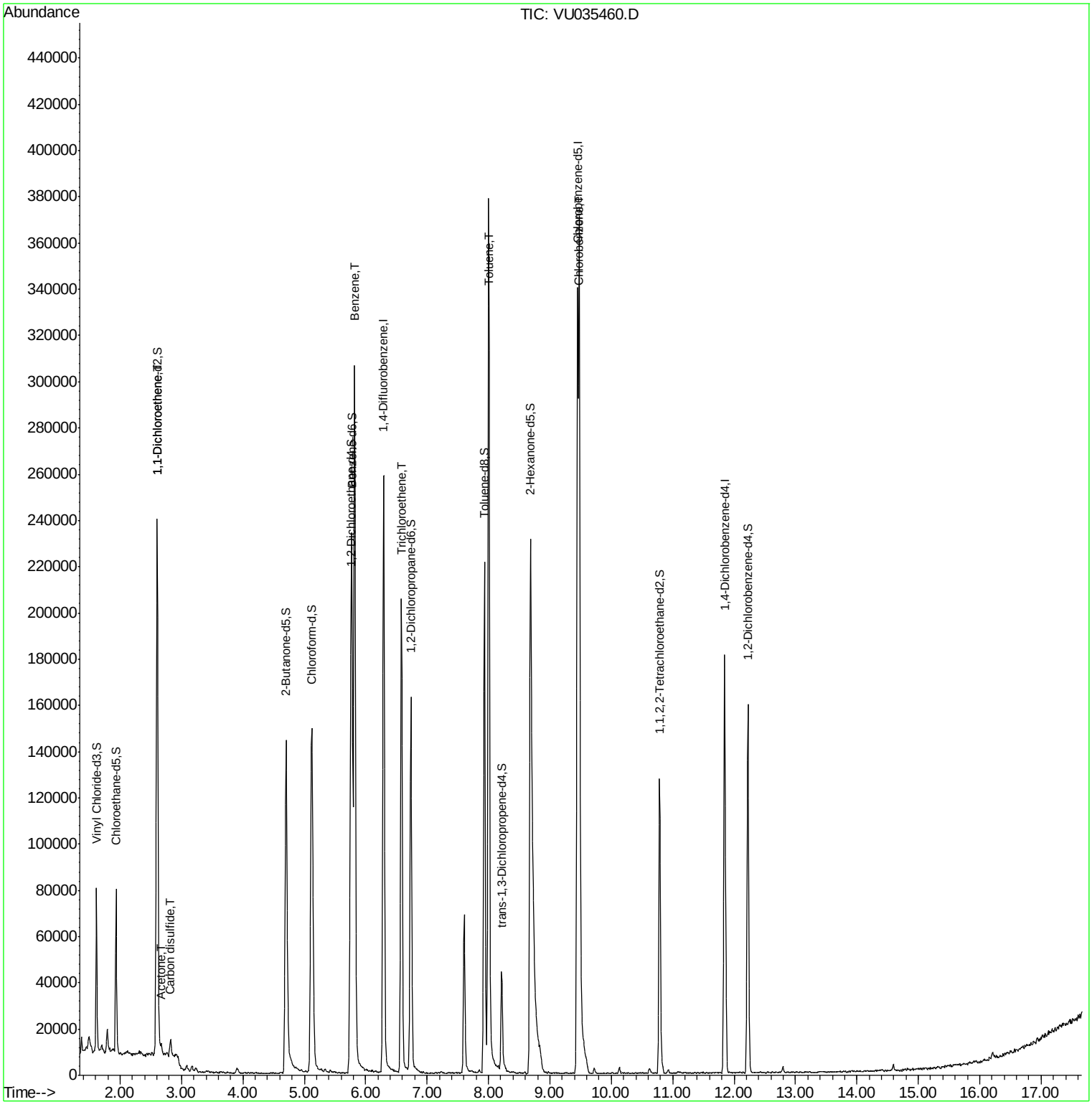
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	208259	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	210915	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	58152	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	47119	3.71	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 74.20%			
7) Chloroethane-d5	1.93	69	50903	4.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 87.60%			
11) 1,1-Dichloroethene-d2	2.60	63	99188	4.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.40%			
20) 2-Butanone-d5	4.70	46	216265	59.26	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 118.52%			
24) Chloroform-d	5.11	84	112304	4.84	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 96.80%			
26) 1,2-Dichloroethane-d4	5.75	65	67439	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.77	84	199803	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	6.74	67	76739	5.01	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 100.20%			
41) Toluene-d8	7.93	98	150952	3.27	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 65.40%#			
43) trans-1,3-Dichloropropene-	8.21	79	26496	3.57	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 71.40%			
46) 2-Hexanone-d5	8.68	63	142062	43.34	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 86.68%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	69717	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	12.22	152	46534	4.39	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 87.80%			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	55106	4.119	ug/L	88
13) Acetone	2.67	43	3944	1.554	ug/L	69
14) Carbon disulfide	2.82	76	9434	0.223	ug/L #	85
33) Benzene	5.82	78	292253	4.709	ug/L	100
34) Trichloroethene	6.58	95	70371	4.218	ug/L	96
42) Toluene	8.01	91	279554	4.081	ug/L	100
51) Chlorobenzene	9.48	112	199356	4.507	ug/L	98

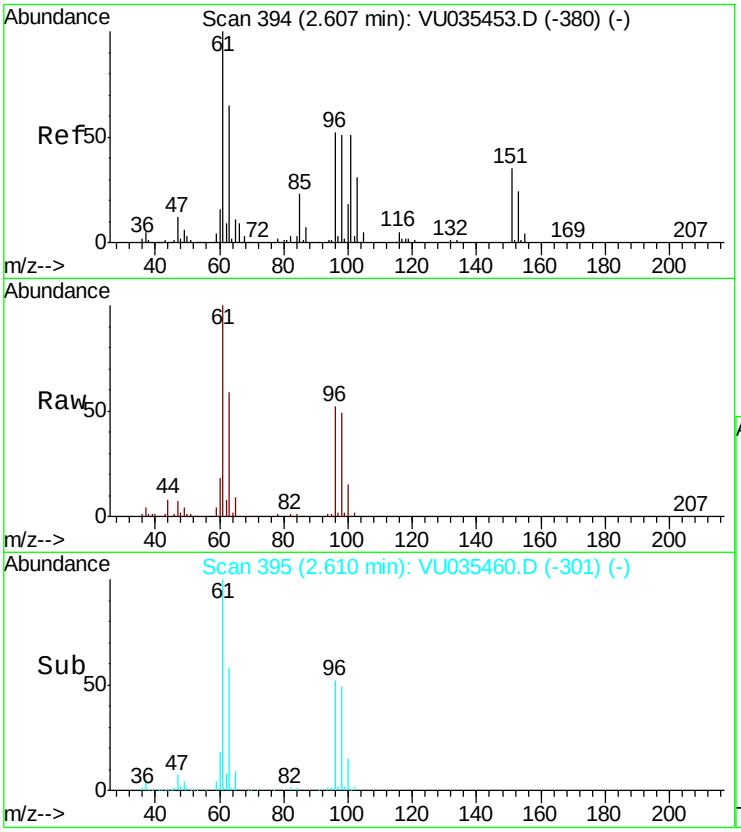
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102419\
Data File : VU035460.D
Acq On : 24 Oct 2019 15:19
Operator : JC/SP
Sample : K5509-02MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0G07MS

Quant Time: Oct 25 07:39:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR101719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Fri Oct 25 07:04:30 2019
Response via : Initial Calibration



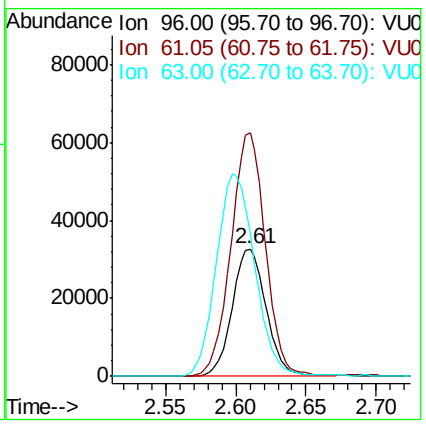


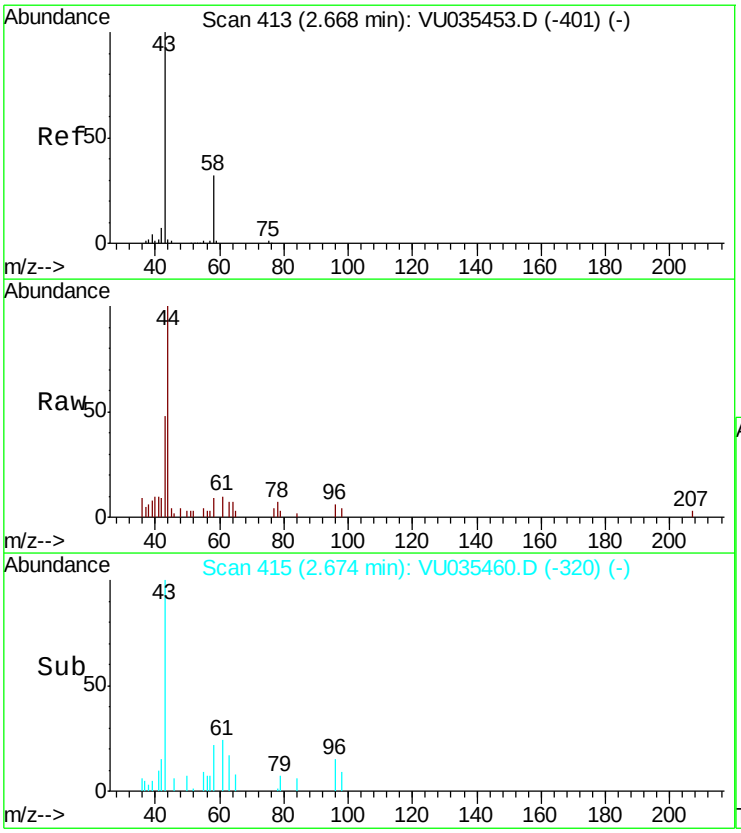
#12
1,1-Dichloroethene
Concen: 4.119 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Instrument : MSVOA_U
ClientSampleId : H0G07MS

Tgt Ion: 96 Resp: 55106

Ion	Ratio	Lower	Upper
96	100		
61	191.2	120.6	224.0
63	112.2	86.8	161.2

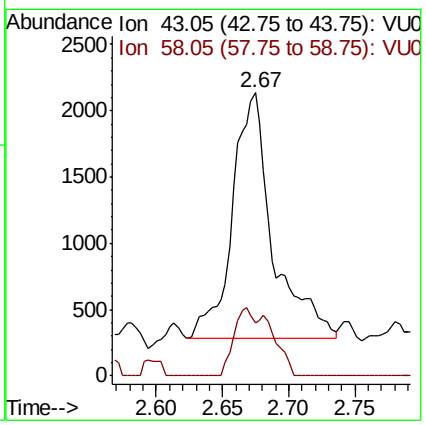


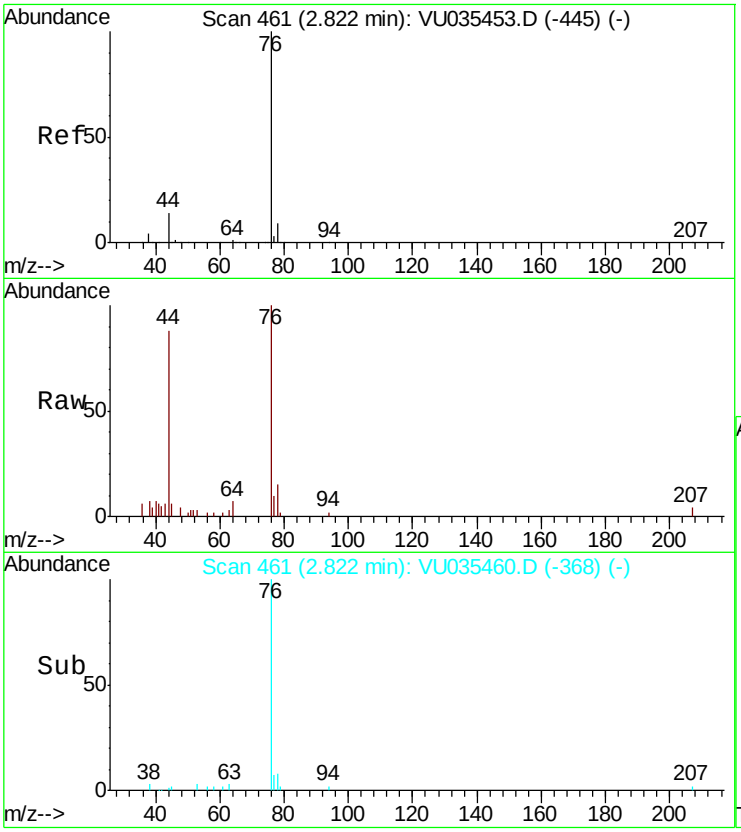


#13
Acetone
Concen: 1.554 ug/L
RT: 2.67 min Scan# 415
Delta R.T. 0.01 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Tgt Ion: 43 Resp: 3944

Ion	Ratio	Lower	Upper
43	100		
58	14.0	0.0	61.8



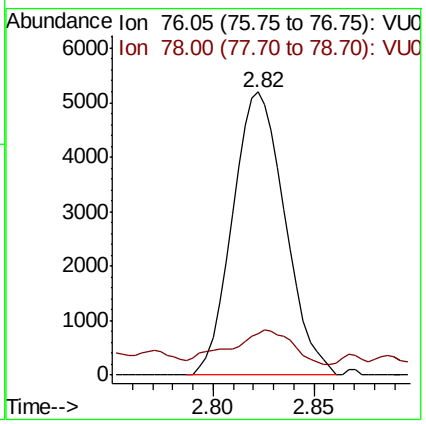


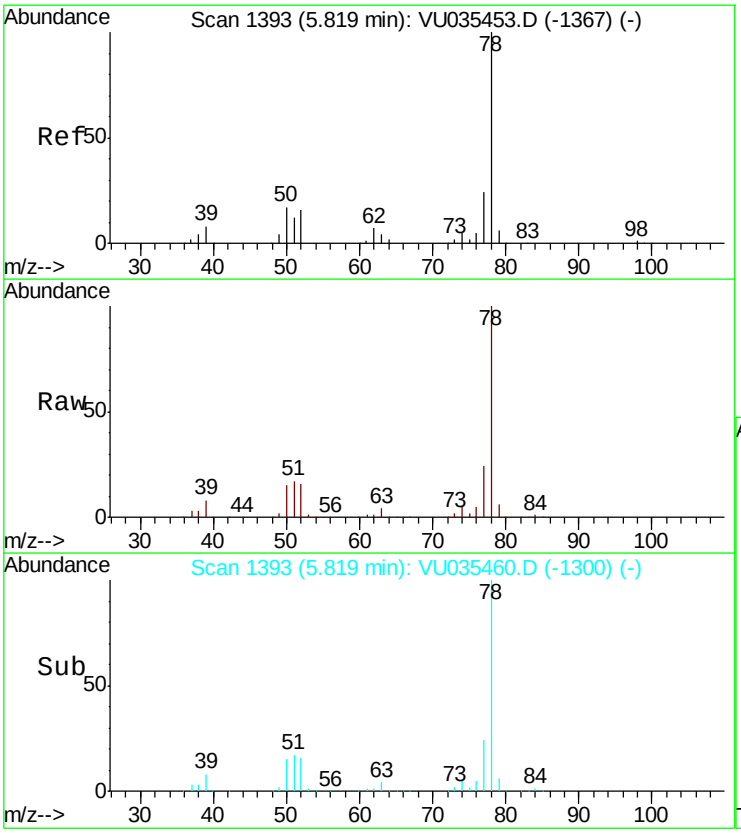
#14
Carbon disulfide
Concen: 0.223 ug/L
RT: 2.82 min Scan# 461
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Instrument :
MSVOA_U
ClientSampleId :
H0G07MS

Tgt Ion: 76 Resp: 9434

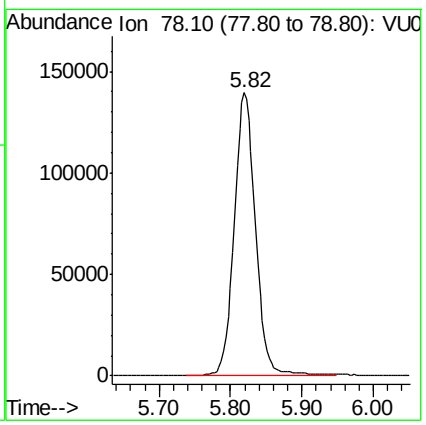
Ion	Ratio	Lower	Upper
76	100		
78	14.8	7.6	11.4#

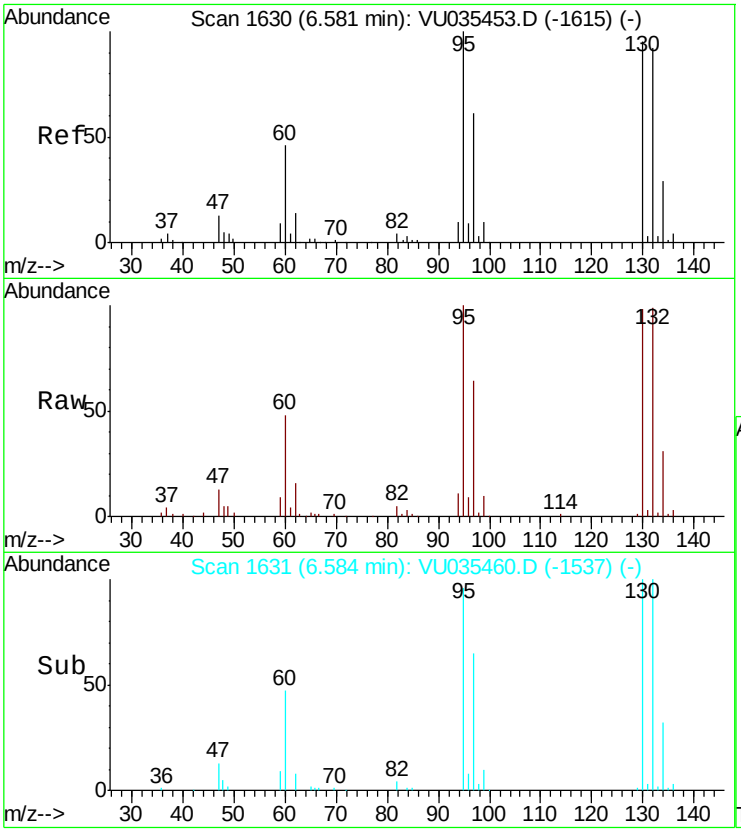




#33
Benzene
Concen: 4.709 ug/L
RT: 5.82 min Scan# 1393
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Tgt Ion: 78 Resp: 292253



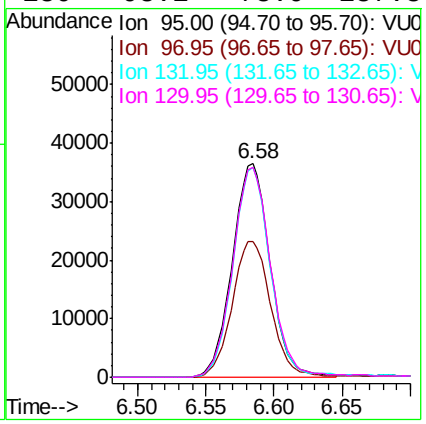


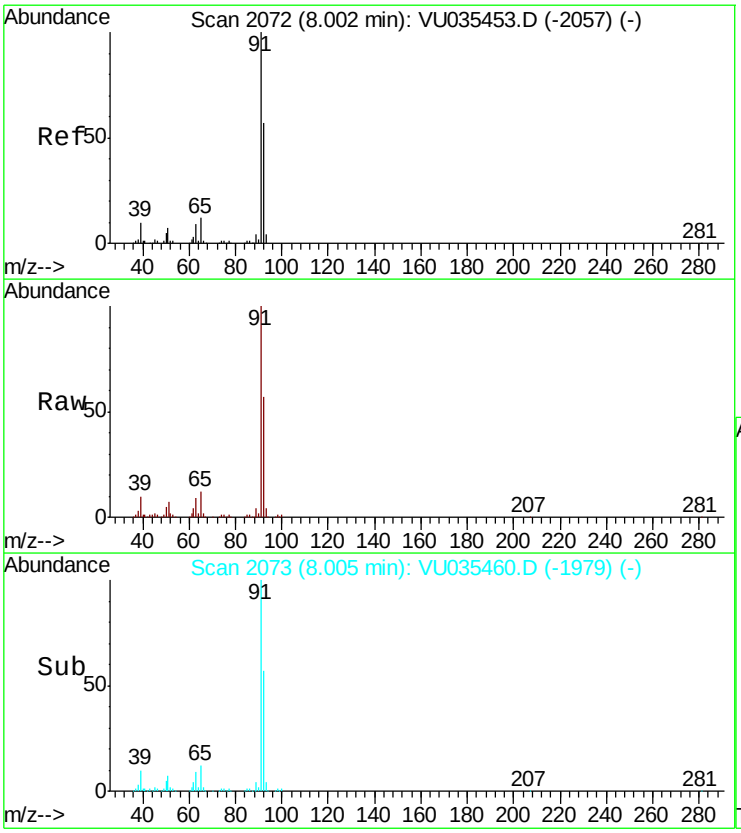
#34
Trichloroethene
Concen: 4.218 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Instrument :
MSVOA_U
ClientSampleId :
H0G07MS

Tgt Ion: 95 Resp: 70371

Ion	Ratio	Lower	Upper
95	100		
97	63.6	46.6	86.6
132	98.5	68.7	127.7
130	98.1	73.9	137.3

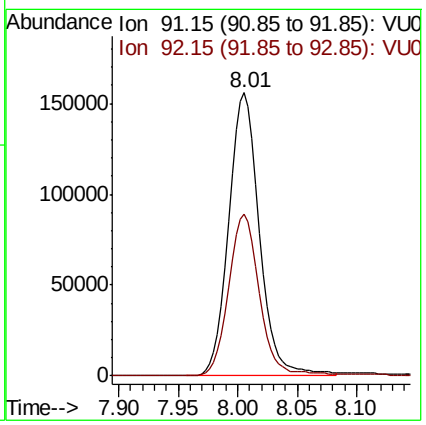


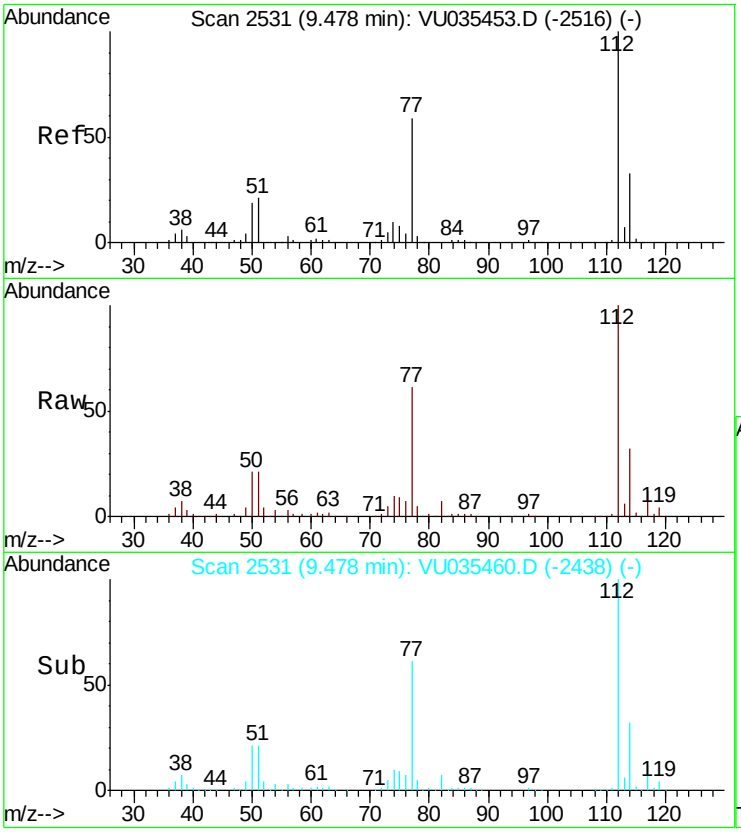


#42
Toluene
Concen: 4.081 ug/L
RT: 8.01 min Scan# 2073
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Tgt Ion: 91 Resp: 279554

Ion	Ratio	Lower	Upper
91	100		
92	57.1	39.9	74.1

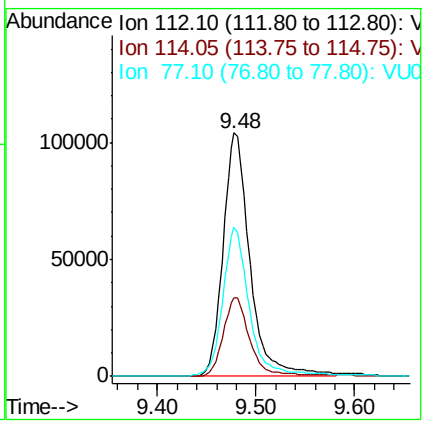




#51
Chlorobenzene
Concen: 4.507 ug/L
RT: 9.48 min Scan# 2531
Delta R.T. 0.00 min
Lab File: VU035460.D
Acq: 24 Oct 2019 15:19

Tgt Ion:112 Resp: 199356

Ion	Ratio	Lower	Upper
112	100		
114	32.2	23.0	42.8
77	60.9	47.5	71.3



Instrument :
MSVOA_U
ClientSampleId :
H0G07MS