Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU123019\

Quantitation Report (Not Reviewed)

Data File : VU036377.D
Acq On : 30 Dec 2019 18:53
Operator : JC/MD
Sample : K6459-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : H0BP0MS

Quant Time: Dec 31 07:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	259568	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	251749	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	85864	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	37137	1.97	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 39.40%#			
7) Chloroethane-d5	1.93	69	34423	2.01	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 40.20%#			
11) 1,1-Dichloroethene-d2	2.60	63	98378	2.85	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 57.00%#			
20) 2-Butanone-d5	4.68	46	110793	23.03	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 46.06%			
24) Chloroform-d	5.11	84	74884	1.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 39.60%#			
26) 1,2-Dichloroethane-d4	5.75	65	44030	2.18	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 43.60%#			
32) Benzene-d6	5.77	84	154313	2.12	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 42.40%#			
36) 1,2-Dichloropropane-d6	6.73	67	51393	2.21	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 44.20%#			
41) Toluene-d8	7.93	98	146040	2.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 42.80%#			
43) trans-1,3-Dichloropropene-	8.21	79	21918	2.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 40.80%#			
46) 2-Hexanone-d5	8.67	63	98048	21.21	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 42.42%#			
57) 1,1,2,2-Tetrachloroethane-	10.78	84	41286	2.04	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 40.80%#			
64) 1,2-Dichlorobenzene-d4	12.22	152	41822	2.28	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 45.60%#			
Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.61	96	75348	4.769	ug/L	86
13) Acetone	2.67	43	8238	2.658	ug/L	98
14) Carbon disulfide	2.83	76	15449	0.298	ug/L	98
25) Chloroform	5.14	83	6879	0.202	ug/L	95
27) 1,2-Dichloroethane	5.82	62	3774	0.169	ug/L #	77
33) Benzene	5.82	78	365150	4.895	ug/L	100
34) Trichloroethene	6.58	95	93670	4.662	ug/L	97
37) 1,2-Dichloropropane	6.73	63	5467	0.284	ug/L #	89
42) Toluene	8.00	91	391833	4.747	ug/L	99
51) Chlorobenzene	9.48	112	244272	4.747	ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	13156	0.991	ug/L	94

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

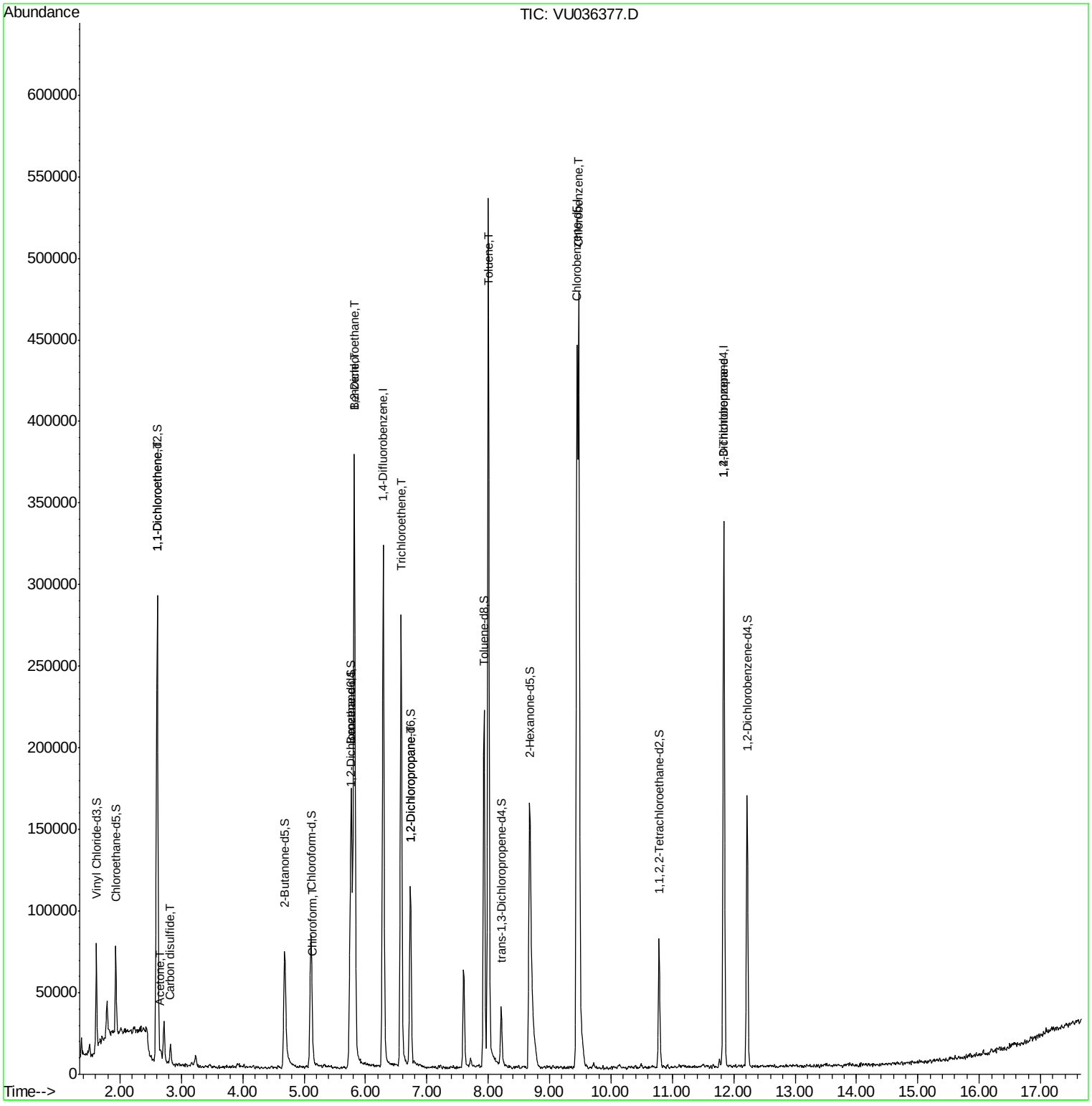
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU123019\

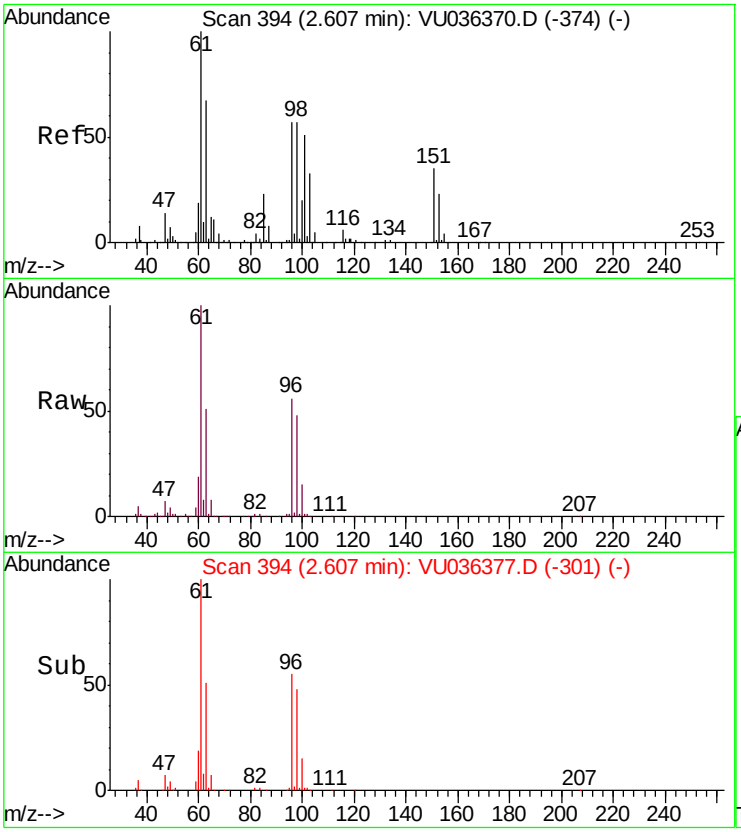
Quantitation Report (Not Reviewed)

Data File : VU036377.D
Acq On : 30 Dec 2019 18:53
Operator : JC/MD
Sample : K6459-15MS
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

Quant Time: Dec 31 07:36:53 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR122819WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 31 07:33:27 2019
Response via : Initial Calibration



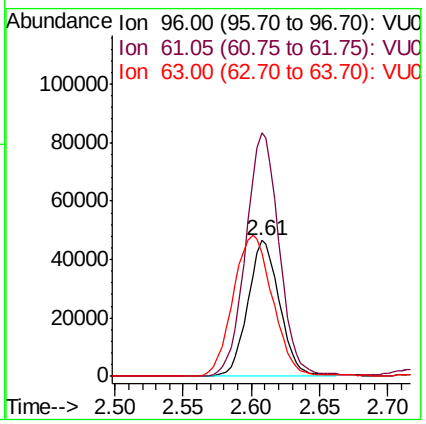


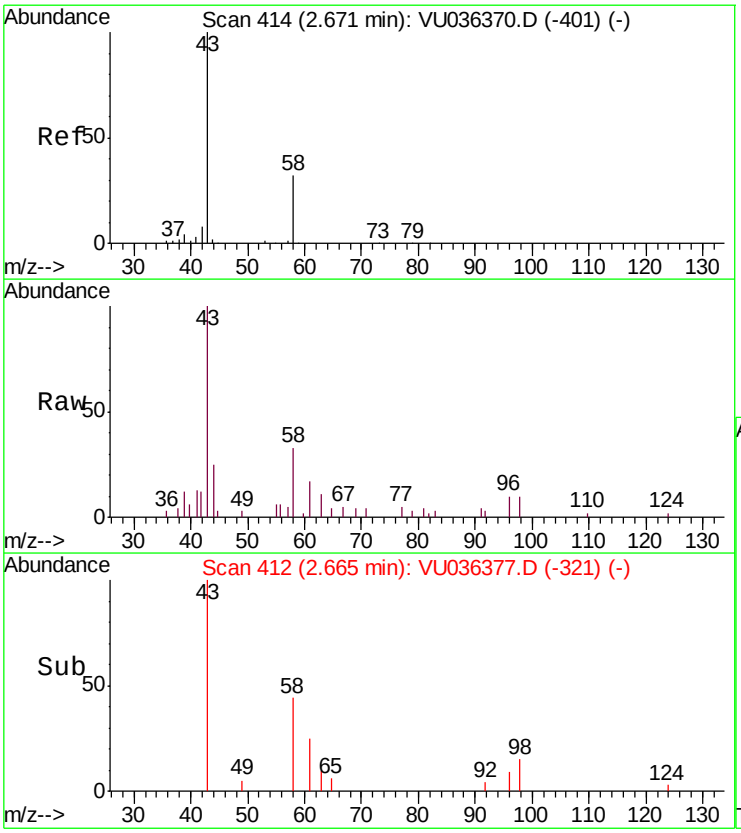
#12
1,1-Dichloroethene
Concen: 4.769 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument : MSVOA_U
ClientSampleId : H0BP0MS

Tgt Ion: 96 Resp: 75348

Ion	Ratio	Lower	Upper
96	100		
61	179.6	123.8	230.0
63	91.3	89.0	165.4

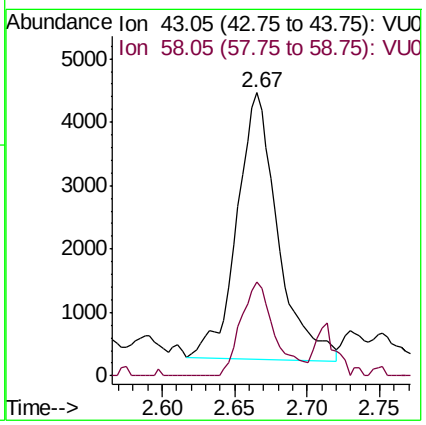


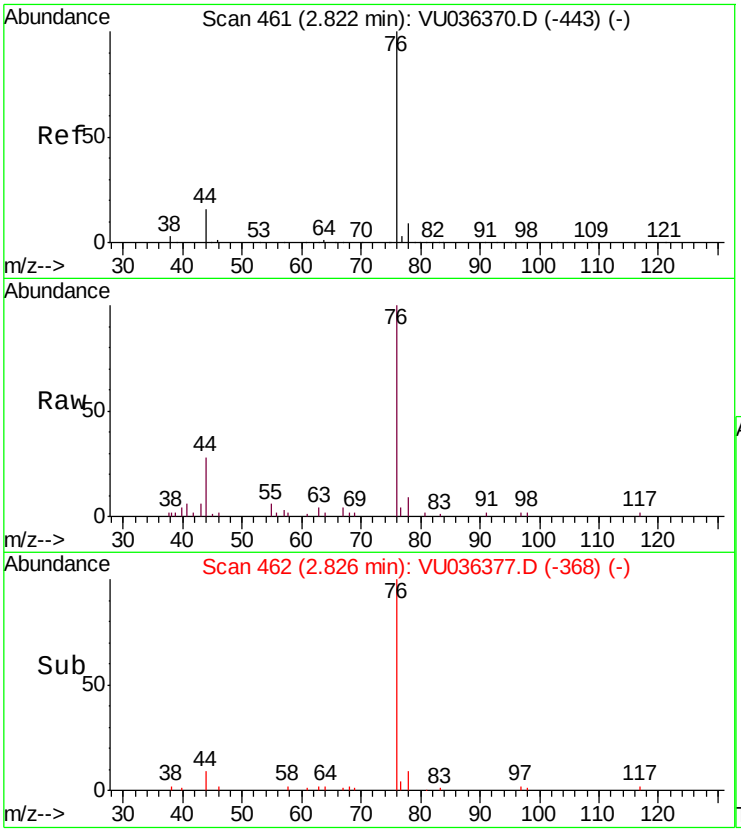


#13
Acetone
Concen: 2.658 ug/L
RT: 2.67 min Scan# 412
Delta R.T. -0.01 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Tgt Ion: 43 Resp: 8238

Ion	Ratio	Lower	Upper
43	100		
58	29.7	0.0	57.0



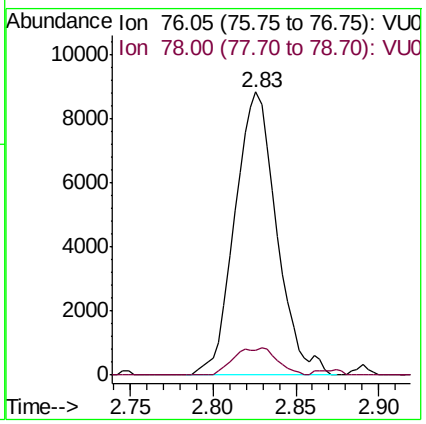


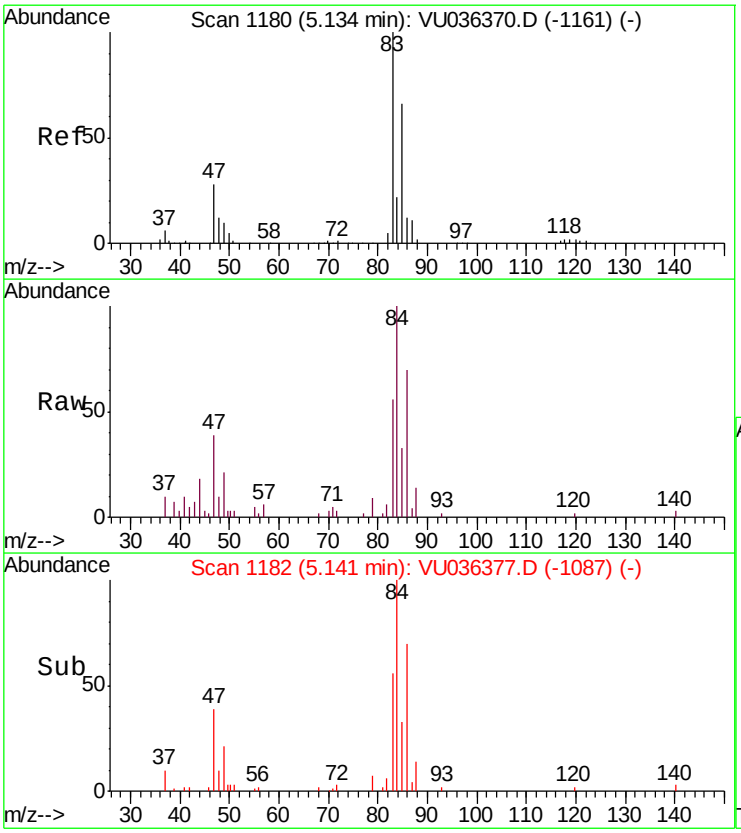
#14
Carbon disulfide
Concen: 0.298 ug/L
RT: 2.83 min Scan# 462
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

Tgt Ion: 76 Resp: 15449

Ion	Ratio	Lower	Upper
76	100		
78	8.9	7.6	11.4

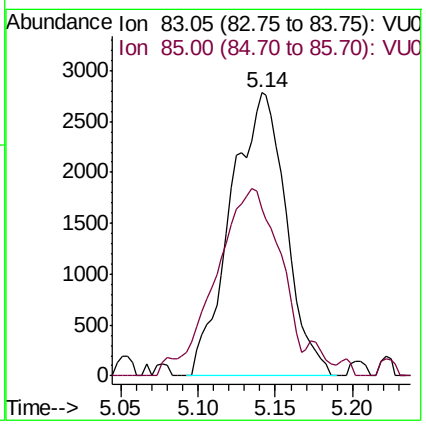


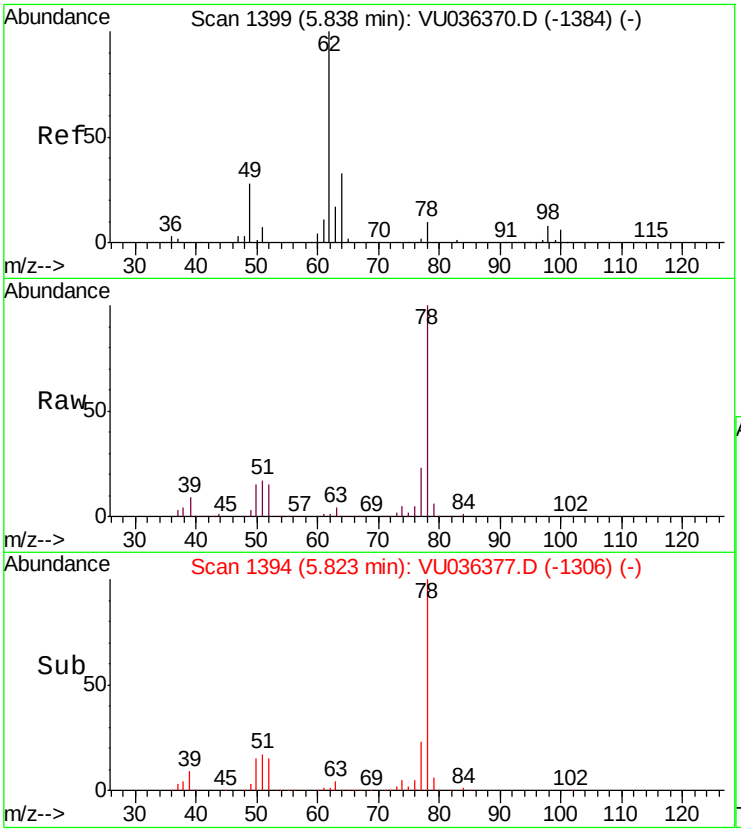


#25
Chloroform
Concen: 0.202 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Tgt Ion: 83 Resp: 6879

Ion	Ratio	Lower	Upper
83	100		
85	58.8	44.1	81.9



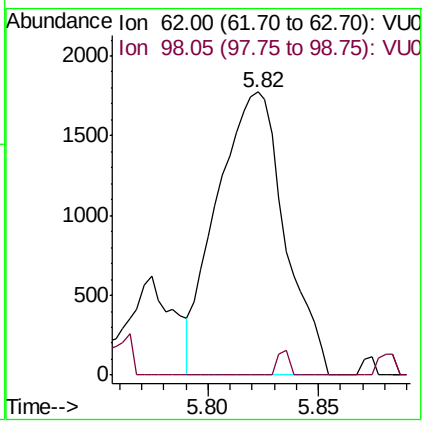


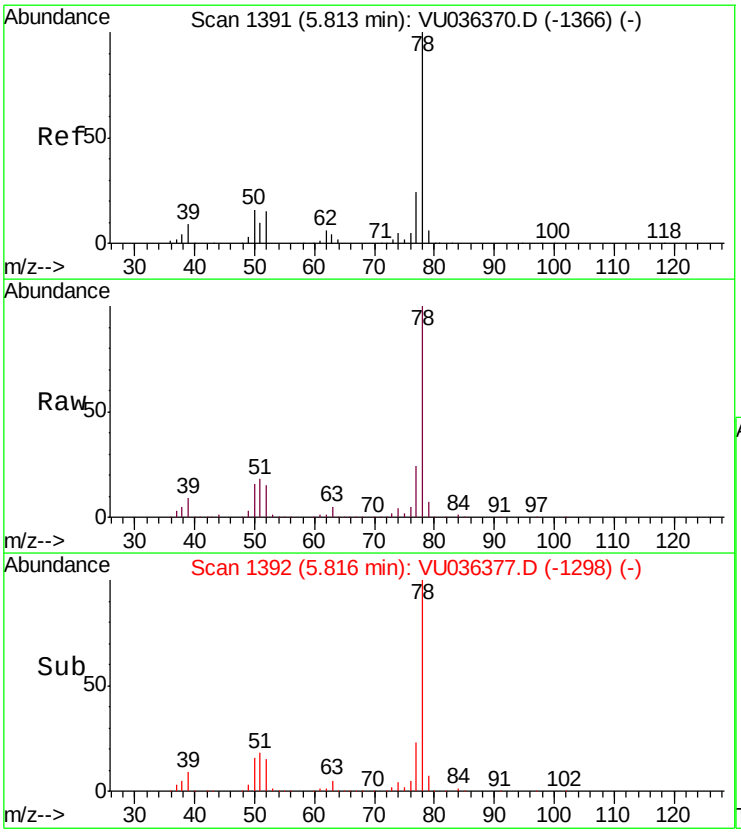
#27
1,2-Dichloroethane
Concen: 0.169 ug/L
RT: 5.82 min Scan# 1394
Delta R.T. -0.02 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

Tgt Ion: 62 Resp: 3774

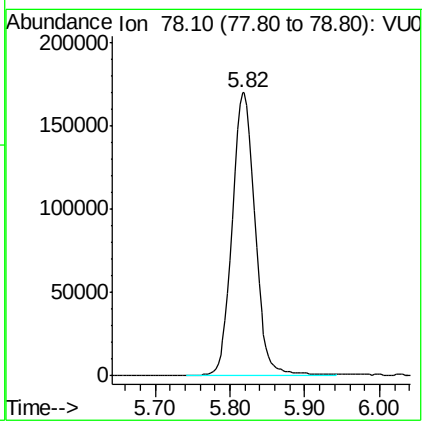
Ion	Ratio	Lower	Upper
62	100		
98	0.0	6.6	10.0#

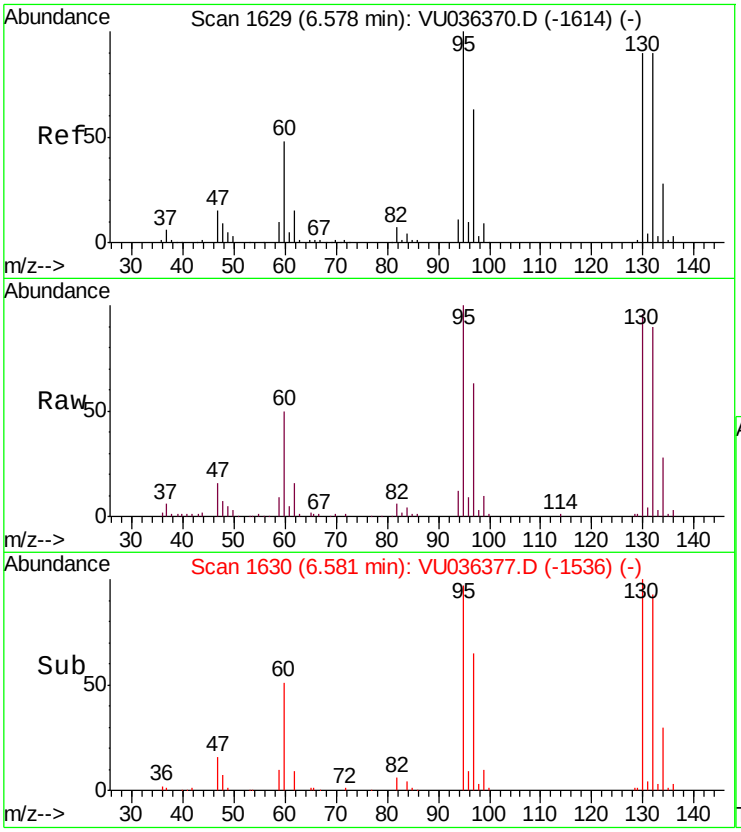




#33
Benzene
Concen: 4.895 ug/L
RT: 5.82 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Tgt Ion: 78 Resp: 365150



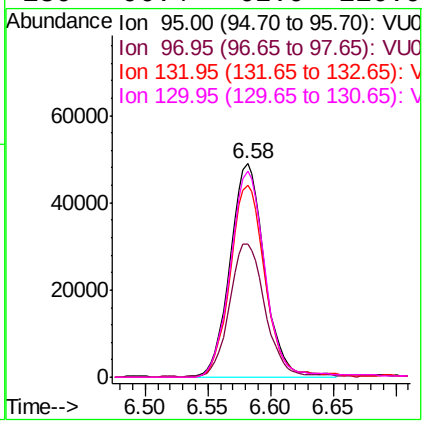


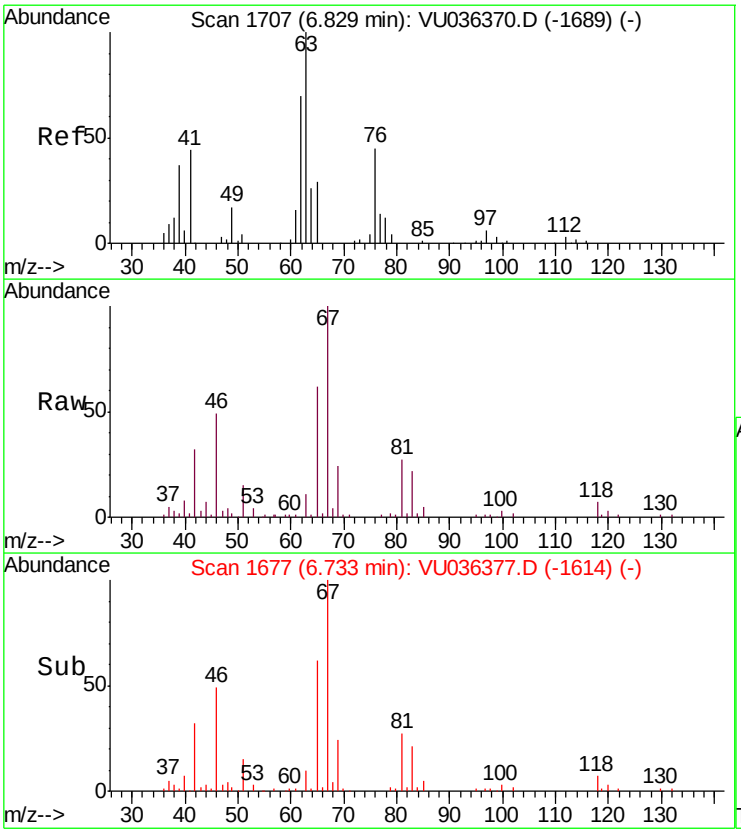
#34
Trichloroethene
Concen: 4.662 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument : MSVOA_U
ClientSampleId : H0BP0MS

Tgt Ion: 95 Resp: 93670

Ion	Ratio	Lower	Upper
95	100		
97	62.6	42.9	79.7
132	89.8	62.4	116.0
130	96.4	62.9	116.9

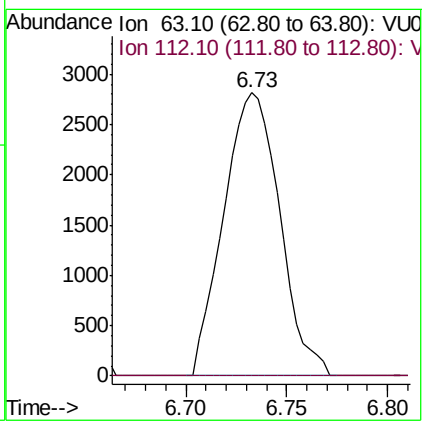


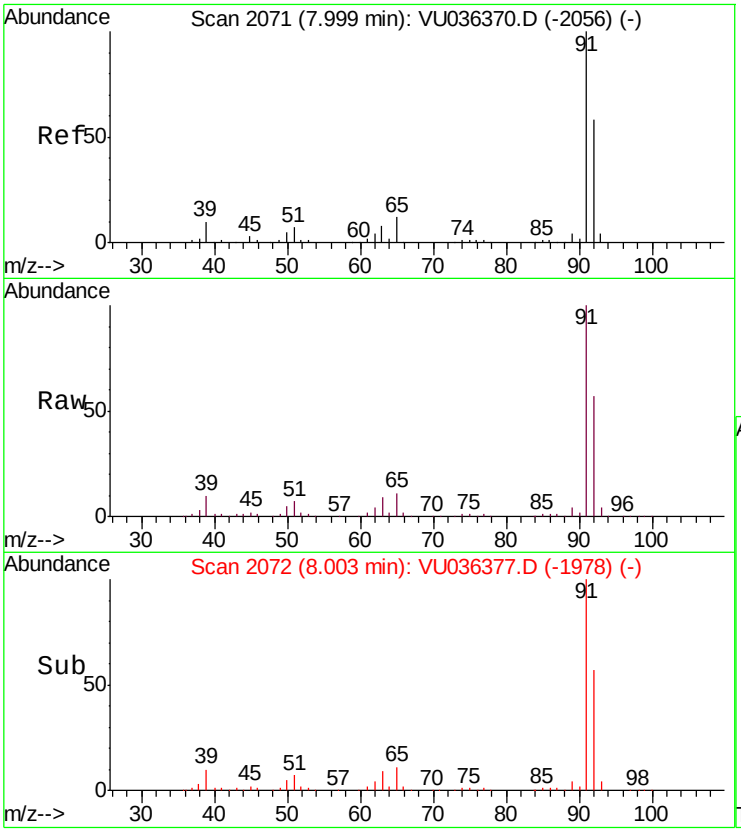


#37
1,2-Dichloropropane
Concen: 0.284 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Tgt Ion: 63 Resp: 5467

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.4#



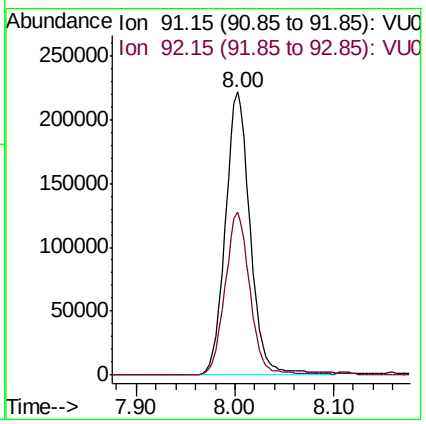


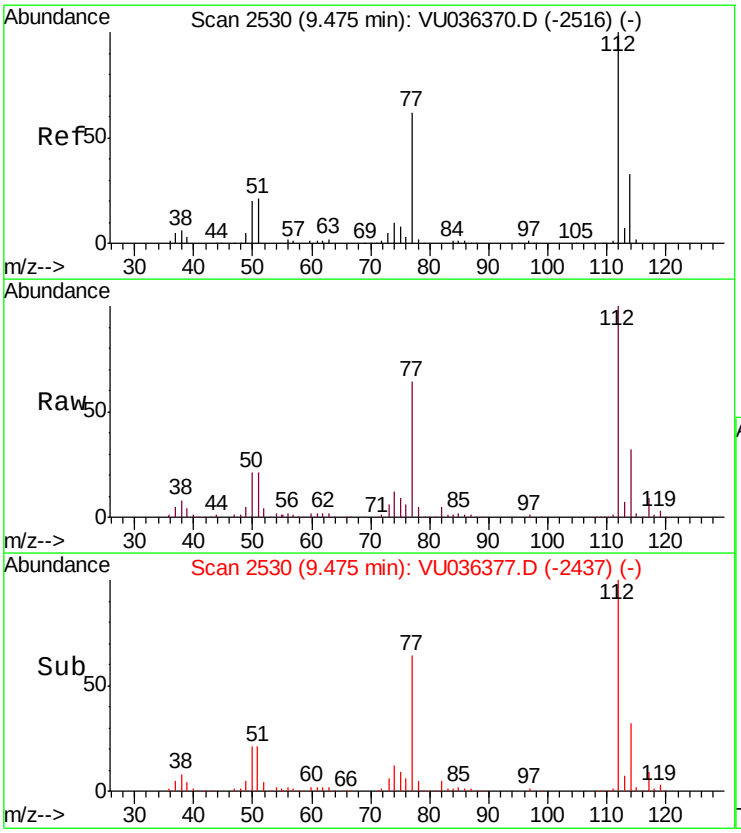
#42
Toluene
Concen: 4.747 ug/L
RT: 8.00 min Scan# 2072
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument : MSVOA_U
ClientSampleId : H0BP0MS

Tgt Ion: 91 Resp: 391833

Ion	Ratio	Lower	Upper
91	100		
92	57.5	39.5	73.3

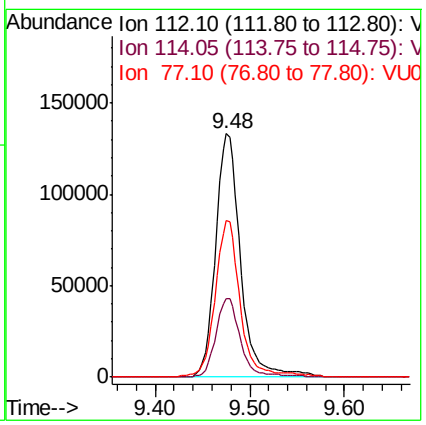


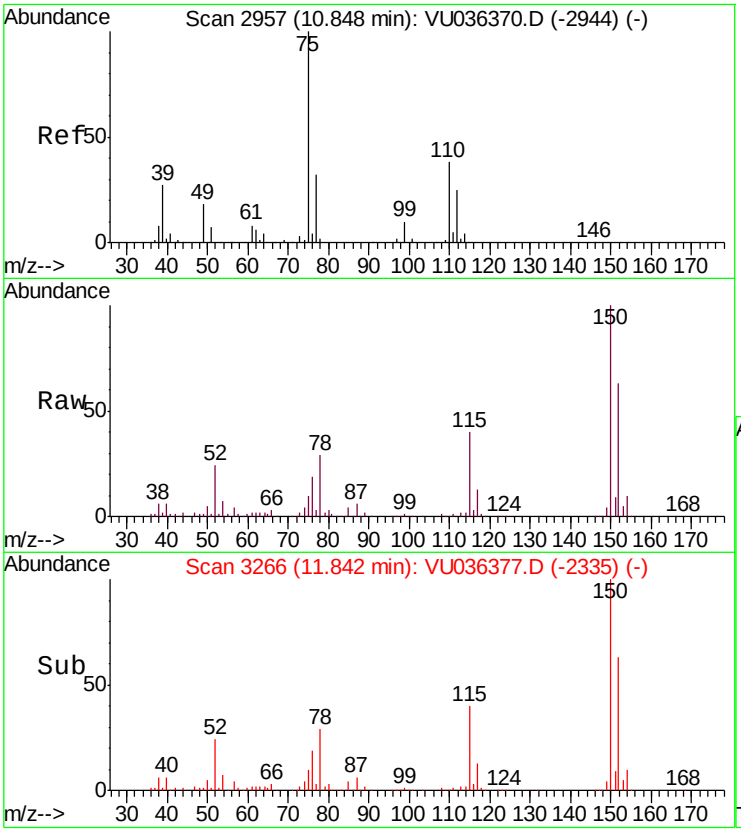


#51
Chlorobenzene
Concen: 4.747 ug/L
RT: 9.48 min Scan# 2530
Delta R.T. 0.00 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Tgt Ion:112 Resp: 244272

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.7	42.3
77	64.1	47.8	71.8





#59
1,2,3-Trichloropropane
Concen: 0.991 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU036377.D
Acq: 30 Dec 2019 18:53

Instrument :
MSVOA_U
ClientSampleId :
H0BP0MS

Tgt Ion: 75 Resp: 13156

Ion	Ratio	Lower	Upper
75	100		
77	37.2	27.0	40.4