Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035778.D
Acq On : 19 Nov 2019 18:33
Operator : JC/SP
Sample : K5930-05 10X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	168119	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	200936	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.85	152	65256	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	72782	4.20	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 84.00%			
7) Chloroethane-d5	1.93	69	73284	5.18	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 103.60%			
11) 1,1-Dichloroethene-d2	2.59	63	101850	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.70	46	218706	57.24	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 114.48%			
24) Chloroform-d	5.11	84	146193	5.30	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 106.00%			
26) 1,2-Dichloroethane-d4	5.75	65	83081	5.73	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 114.60%			
32) Benzene-d6	5.77	84	294671	4.66	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 93.20%			
36) 1,2-Dichloropropane-d6	6.74	67	101942	4.99	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 99.80%			
41) Toluene-d8	7.93	98	231567	3.87	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 77.40%			
43) trans-1,3-Dichloropropene-	8.22	79	33040	4.04	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.80%			
46) 2-Hexanone-d5	8.70	63	150623	47.06	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 94.12%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	90487	5.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 105.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	71973	5.56	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 111.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	20772	0.972	ug/L #	48
12) 1,1-Dichloroethene	2.61	96	5886	0.398	ug/L #	1
13) Acetone	2.67	43	18953	6.880	ug/L	97
16) Methylene chloride	3.08	84	4735	0.270	ug/L	94
18) trans-1,2-Dichloroethene	3.39	96	1640	0.108	ug/L #	72
19) 1,1-Dichloroethane	3.92	63	33849	1.198	ug/L	99
21) 2-Butanone	4.78	43	12343	3.018	ug/L	95
22) cis-1,2-Dichloroethene	4.72	96	12795	0.761	ug/L	93
25) Chloroform	5.14	83	12422	0.404	ug/L	97
34) Trichloroethene	6.58	95	34816	1.924	ug/L	96
35) Methylcyclohexane	6.74	83	23488	0.852	ug/L #	19
48) 2-Hexanone	8.75	43	13678	1.796	ug/L #	88
59) 1,2,3-Trichloropropane	11.85	75	7096	0.576	ug/L	96

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

Quantitation Report (Not Reviewed)

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Misc : 25.0mL/MSVOA U/WATER
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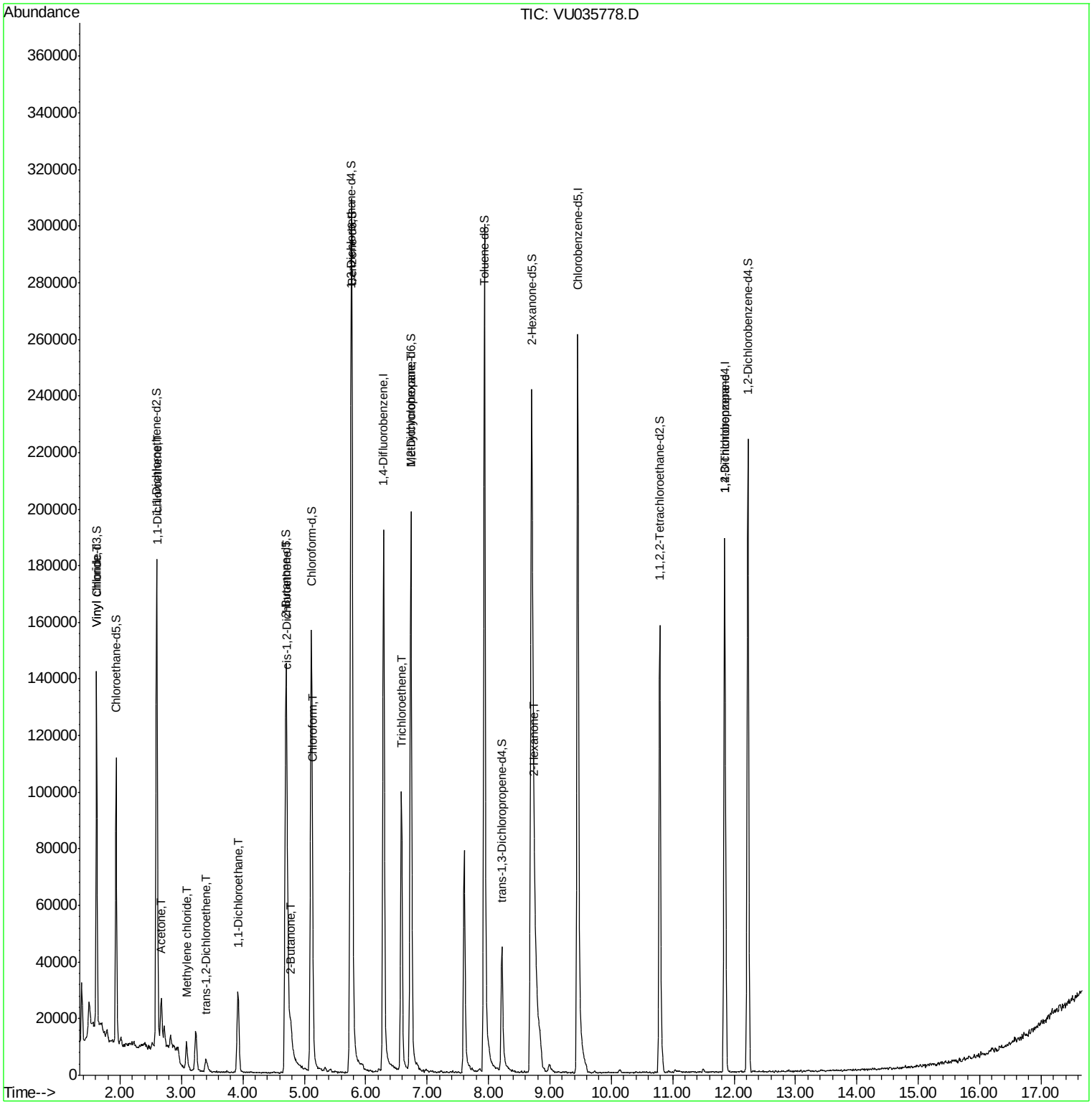
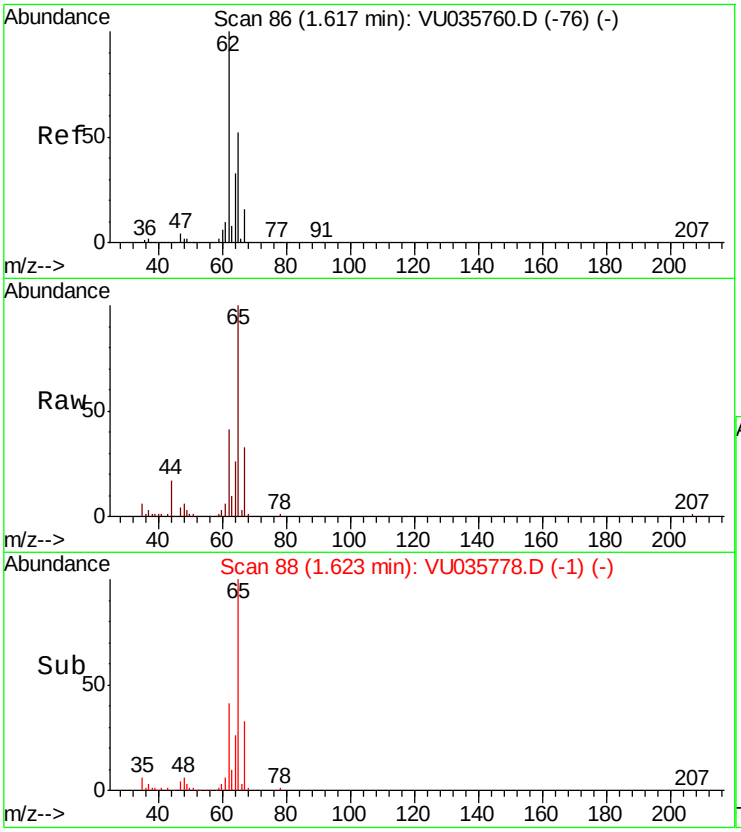
Quant Time: Nov 20 00:42:24 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR110419WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Wed Nov 20 00:37:27 2019
Response via : Initial Calibration



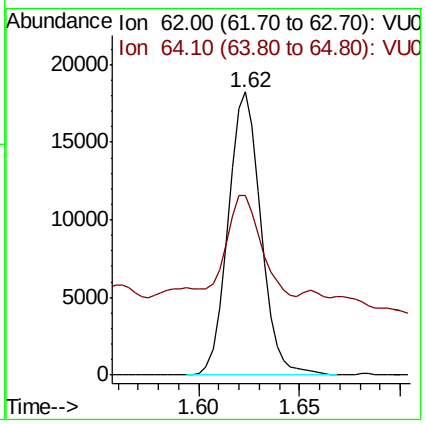


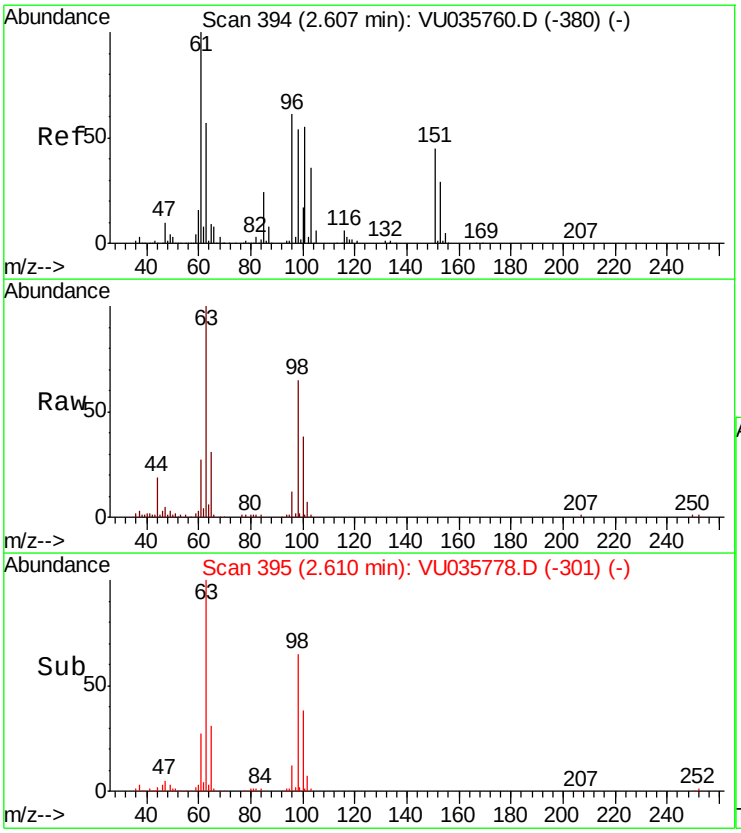
#5
Vinyl chloride
Concen: 0.972 ug/L
RT: 1.62 min Scan# 88
Delta R.T. 0.01 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 20772

Ion	Ratio	Lower	Upper
62	100		
64	63.5	23.5	43.7#

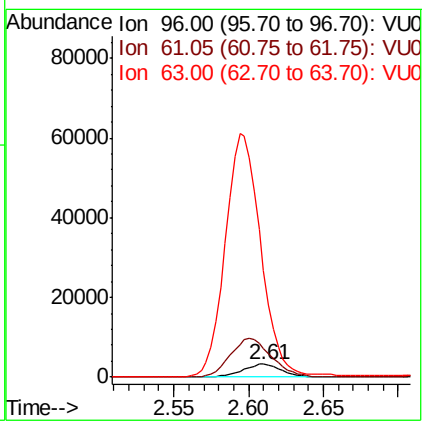


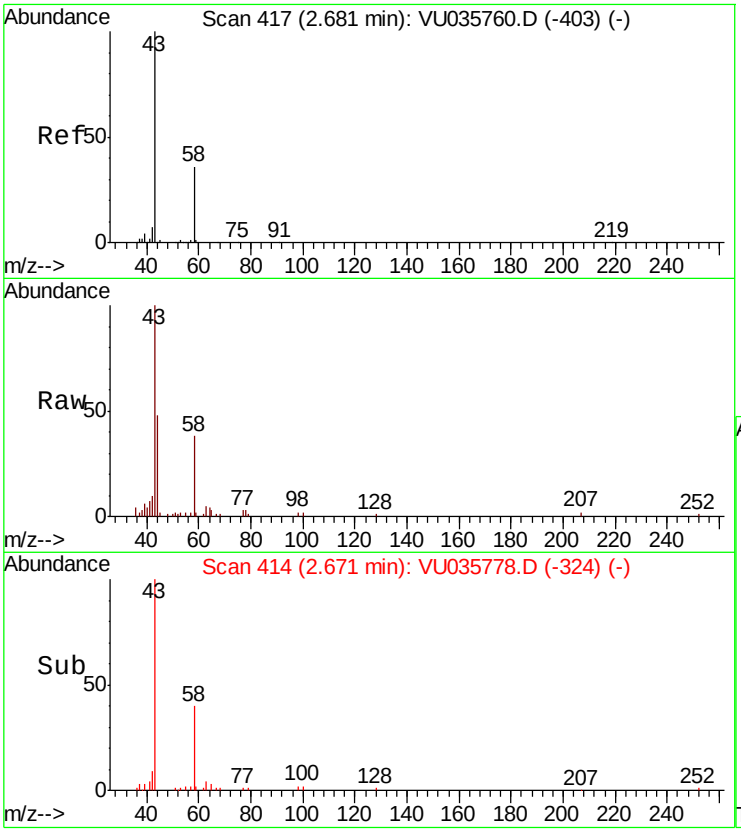


#12
1,1-Dichloroethene
Concen: 0.398 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 96 Resp: 5886

Ion	Ratio	Lower	Upper
96	100		
61	221.0	123.1	228.5
63	824.8	87.8	163.0#



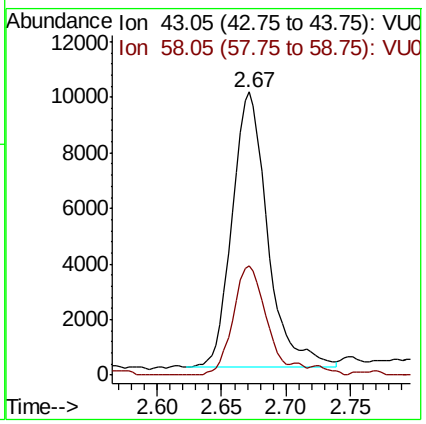


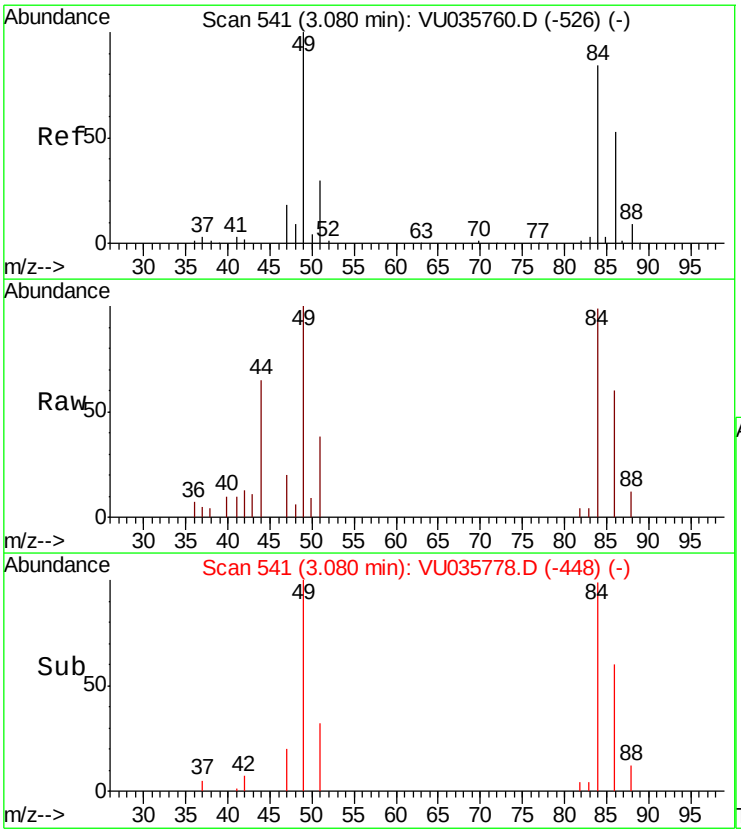
#13
Acetone
Concen: 6.880 ug/L
RT: 2.67 min Scan# 414
Delta R.T. -0.01 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 18953

Ion	Ratio	Lower	Upper
43	100		
58	36.7	0.0	69.8

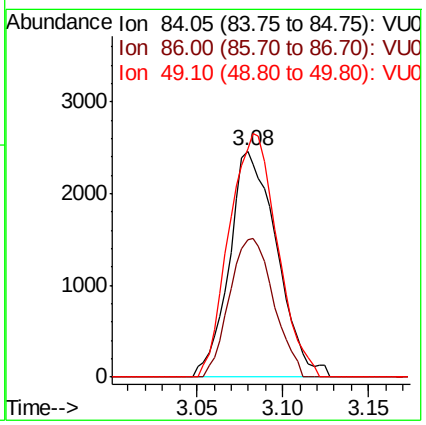


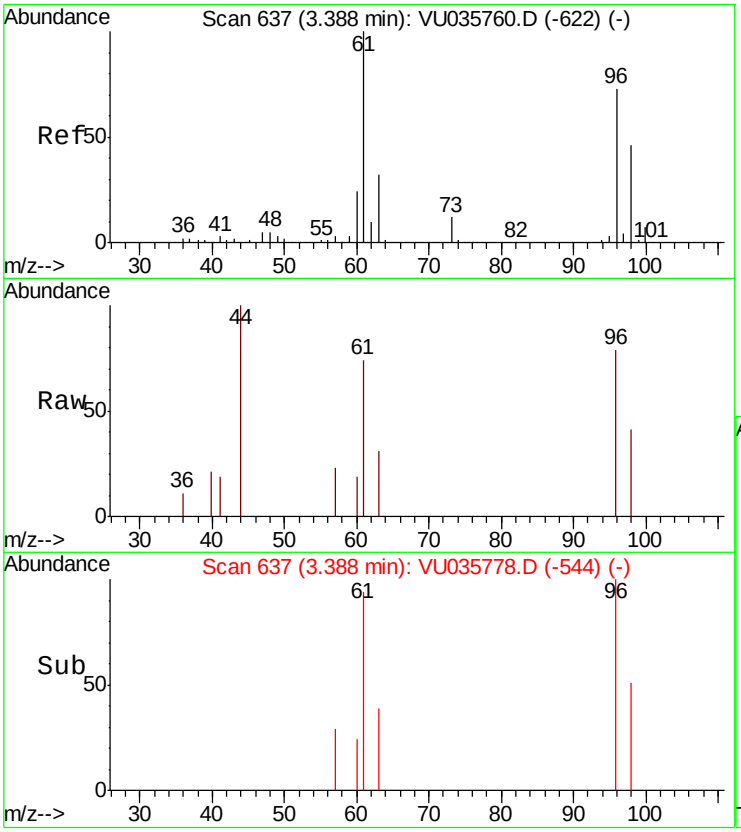


#16
Methylene chloride
Concen: 0.270 ug/L
RT: 3.08 min Scan# 541
Delta R.T. -0.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 84 Resp: 4735

Ion	Ratio	Lower	Upper
84	100		
86	60.8	45.8	85.2
49	110.3	81.9	152.1



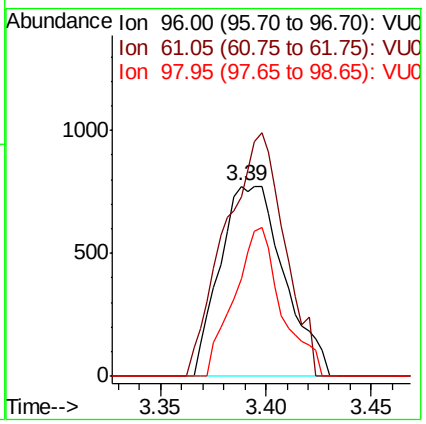


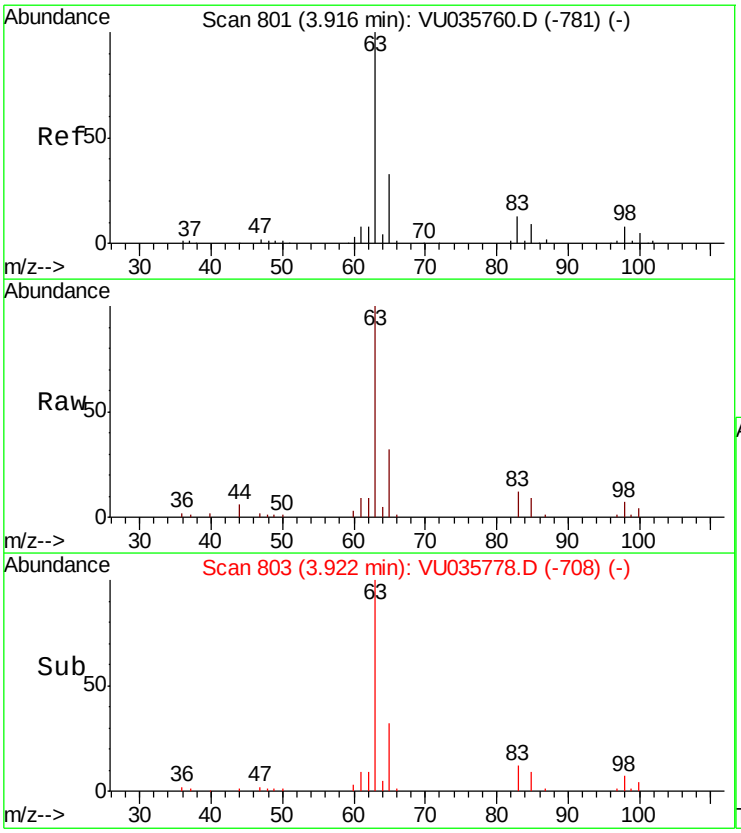
#18
trans-1,2-Dichloroethene
Concen: 0.108 ug/L
RT: 3.39 min Scan# 637
Delta R.T. -0.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 1640

Ion	Ratio	Lower	Upper
96	100		
61	94.3	95.0	176.4#
98	51.4	42.5	78.9

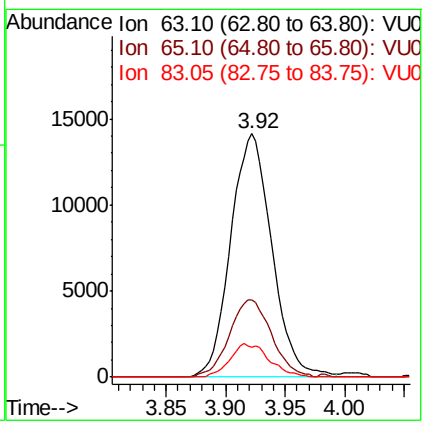


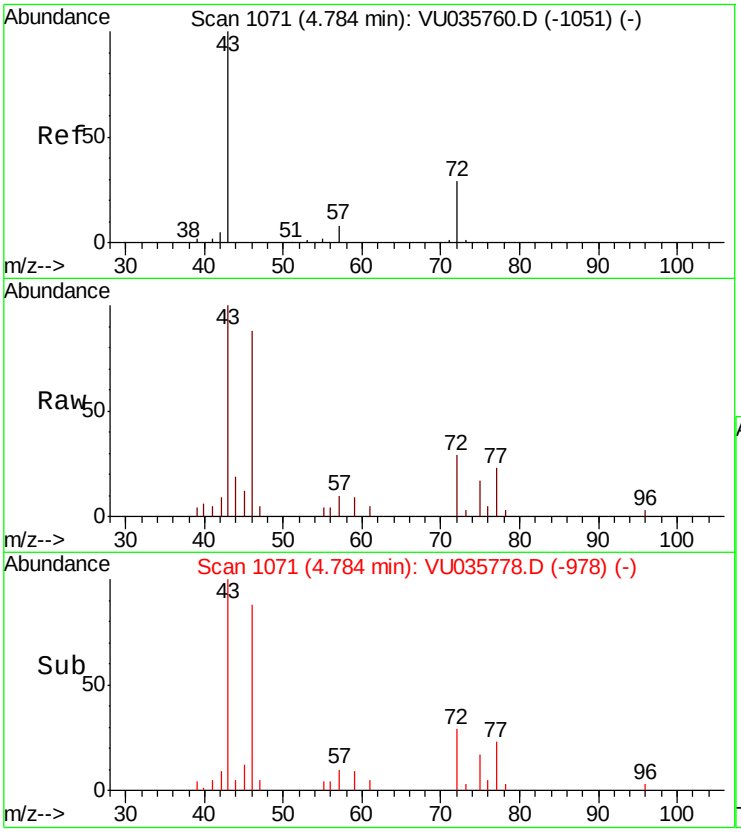


#19
1,1-Dichloroethane
Concen: 1.198 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 63 Resp: 33849

Ion	Ratio	Lower	Upper
63	100		
65	31.9	22.0	40.8
83	12.4	9.3	17.3



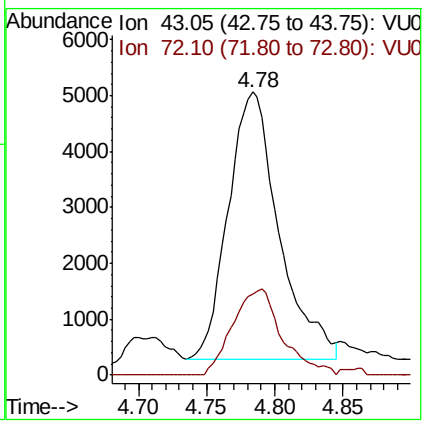


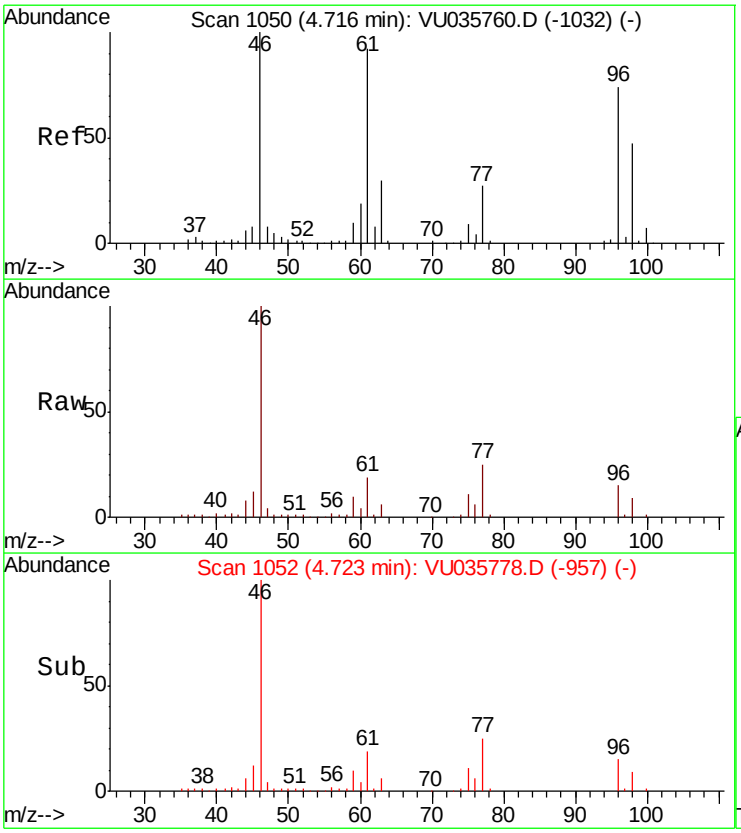
#21
2-Butanone
Concen: 3.018 ug/L
RT: 4.78 min Scan# 1071
Delta R.T. -0.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 12343

Ion	Ratio	Lower	Upper
43	100		
72	31.4	14.3	42.9

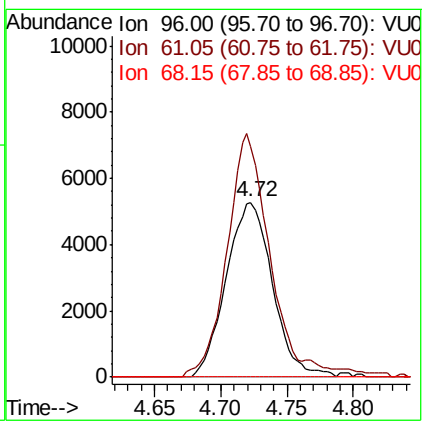


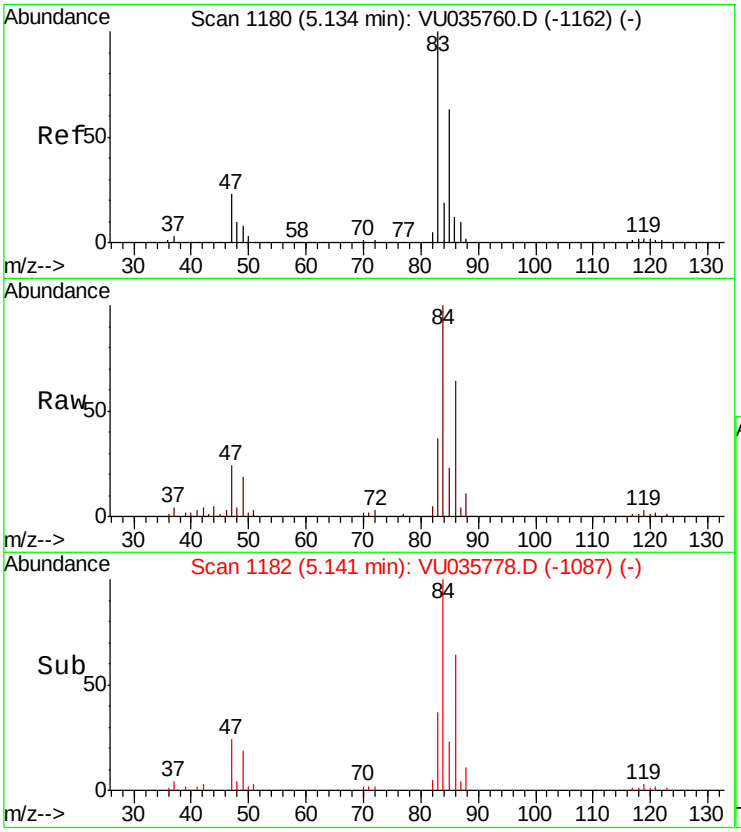


#22
cis-1,2-Dichloroethene
Concen: 0.761 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 96 Resp: 12795

Ion	Ratio	Lower	Upper
96	100		
61	132.2	87.0	161.6
68	0.0	0.0	0.0



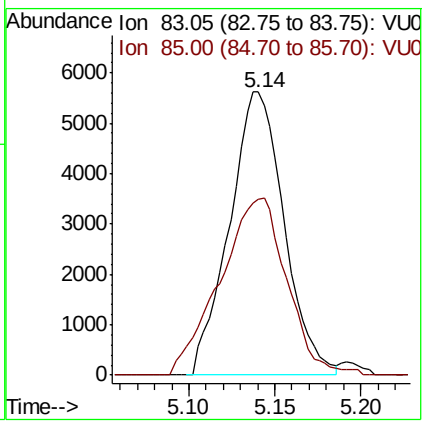


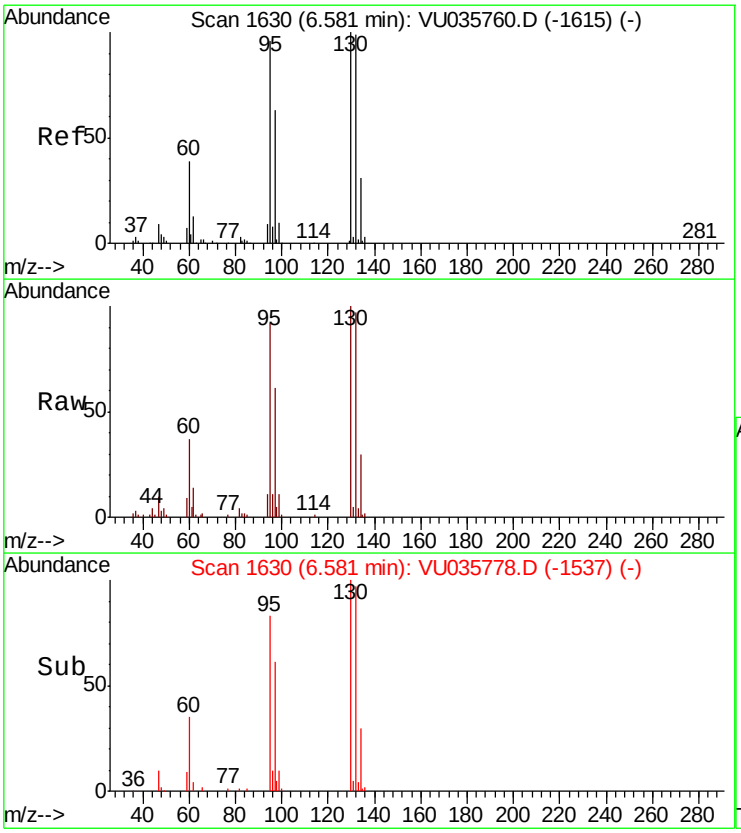
#25
Chloroform
Concen: 0.404 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12422

Ion	Ratio	Lower	Upper
83	100		
85	62.3	45.4	84.2

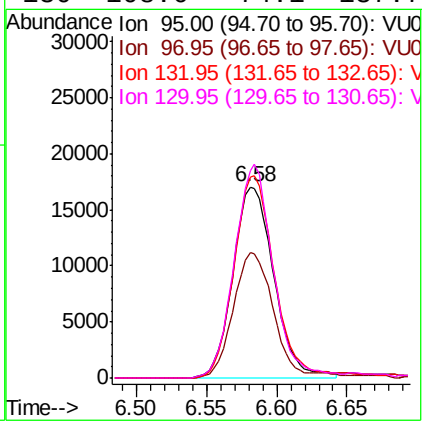


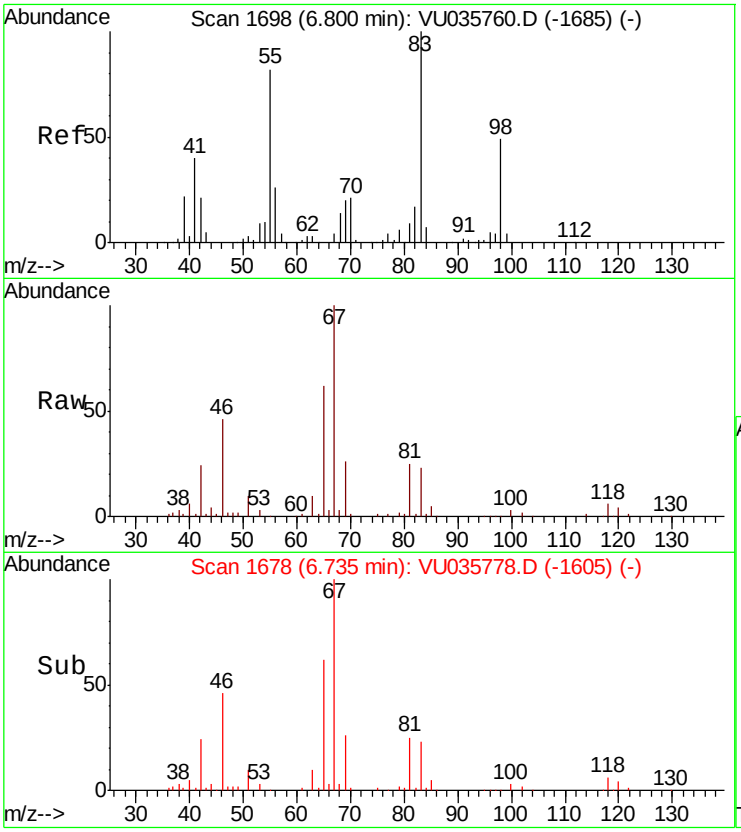


#34
Trichloroethene
Concen: 1.924 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. -0.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 95 Resp: 34816

Ion	Ratio	Lower	Upper
95	100		
97	66.1	44.5	82.7
132	105.2	69.9	129.7
130	108.6	74.1	137.7



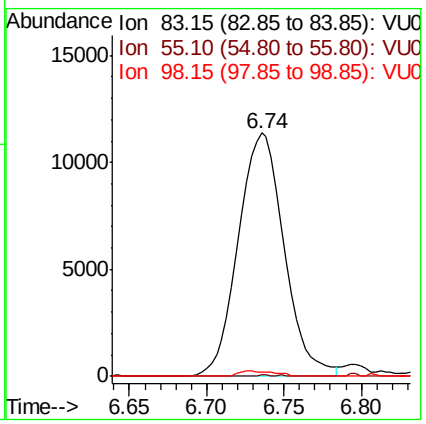


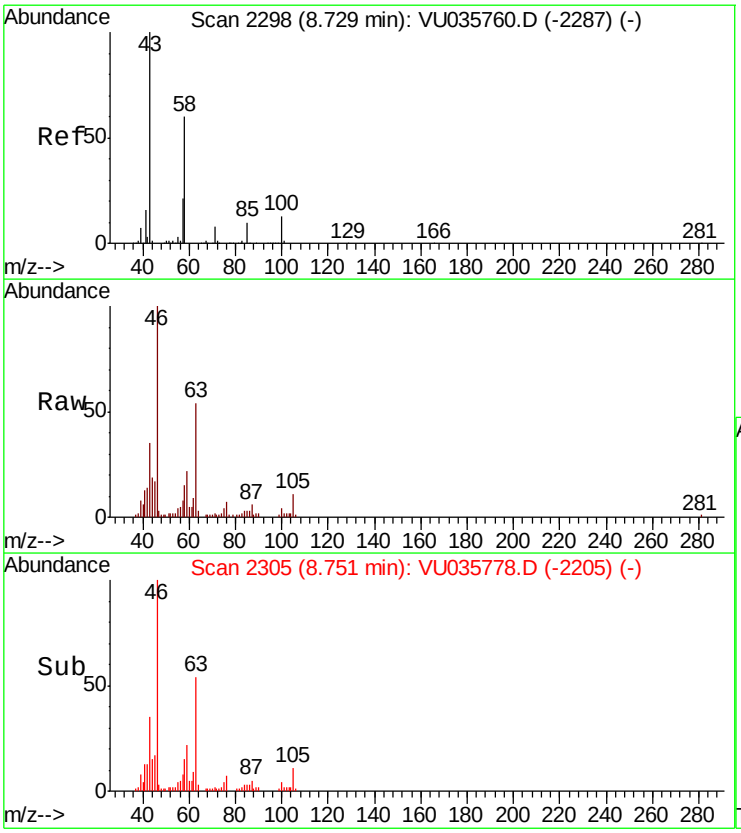
#35
Methylcyclohexane
Concen: 0.852 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 23488

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.7	37.2	55.8#

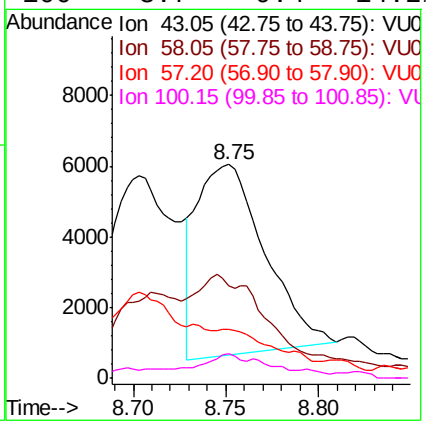


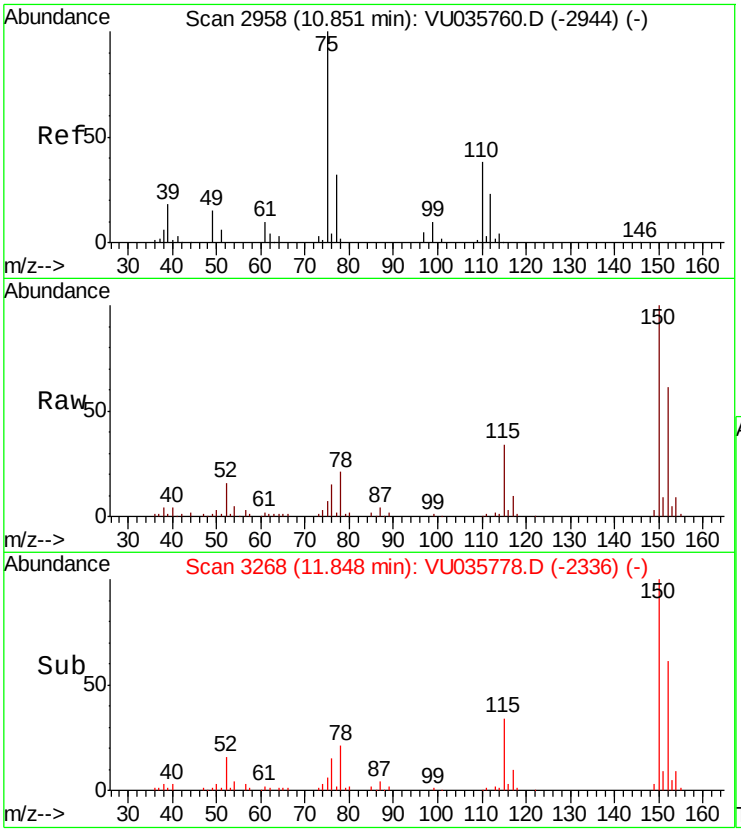


#48
2-Hexanone
Concen: 1.796 ug/L
RT: 8.75 min Scan# 2305
Delta R.T. 0.02 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 43 Resp: 13678

Ion	Ratio	Lower	Upper
43	100		
58	54.9	44.1	66.1
57	0.0	15.1	22.7#
100	3.7	9.4	14.2#

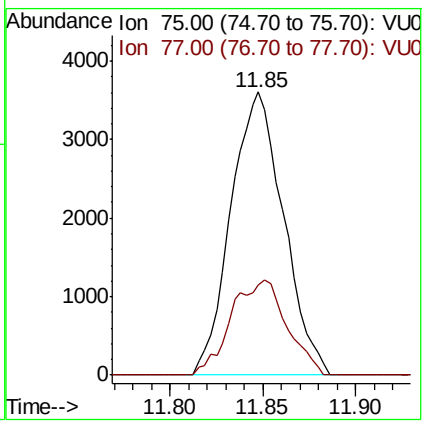




#59
1,2,3-Trichloropropane
Concen: 0.576 ug/L
RT: 11.85 min Scan# 3268
Delta R.T. 1.00 min
Lab File: VU035778.D
Acq: 19 Nov 2019 18:33

Tgt Ion: 75 Resp: 7096

Ion	Ratio	Lower	Upper
75	100		
77	35.8	26.8	40.2



Instrument :
MSVOA_U
ClientSampleId :