Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035763.D
Acq On : 19 Nov 2019 12:01
Operator : JC/SP
Sample : K5930-02 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:13 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	184905	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	203945	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	79054	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	83767	4.40	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 88.00%			
7) Chloroethane-d5	1.93	69	80109	5.14	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 102.80%			
11) 1,1-Dichloroethene-d2	2.60	63	112007	3.50	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 70.00%			
20) 2-Butanone-d5	4.70	46	232826	55.41	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 110.82%			
24) Chloroform-d	5.11	84	156234	5.15	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 103.00%			
26) 1,2-Dichloroethane-d4	5.75	65	88317	5.54	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 110.80%			
32) Benzene-d6	5.77	84	321539	5.01	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 100.20%			
36) 1,2-Dichloropropane-d6	6.74	67	108972	5.25	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.00%			
41) Toluene-d8	7.93	98	254529	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 83.80%			
43) trans-1,3-Dichloropropene-	8.22	79	37706	4.55	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 91.00%			
46) 2-Hexanone-d5	8.70	63	154555	47.57	ug/L	0.02
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.14%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	93686	5.38	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	83940	5.36	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 107.20%			
Target Compounds						Qvalue
5) Vinyl chloride	1.62	62	18696	0.795	ug/L #	1
8) Chloroethane	1.95	64	1073	0.080	ug/L #	58
12) 1,1-Dichloroethene	2.61	96	3741	0.230	ug/L #	1
13) Acetone	2.67	43	9697	3.201	ug/L	92
16) Methylene chloride	3.09	84	3252	0.169	ug/L	89
19) 1,1-Dichloroethane	3.92	63	9430	0.303	ug/L	96
21) 2-Butanone	4.78	43	17180	3.819	ug/L	98
22) cis-1,2-Dichloroethene	4.72	96	69927	3.782	ug/L	98
25) Chloroform	5.14	83	12776	0.378	ug/L	88
34) Trichloroethene	6.58	95	4654	0.253	ug/L	87
35) Methylcyclohexane	6.74	83	24834	0.887	ug/L #	19
37) 1,2-Dichloropropane	6.73	63	10733	0.568	ug/L #	87
48) 2-Hexanone	8.74	43	11424	1.478	ug/L #	80
59) 1,2,3-Trichloropropane	11.84	75	8598	0.687	ug/L	98
69) Naphthalene	14.11	128	1965	0.155	ug/L #	94

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU111919\
Data File : VU035763.D
Acq On : 19 Nov 2019 12:01
Operator : JC/SP
Sample : K5930-02 50X
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:13 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)

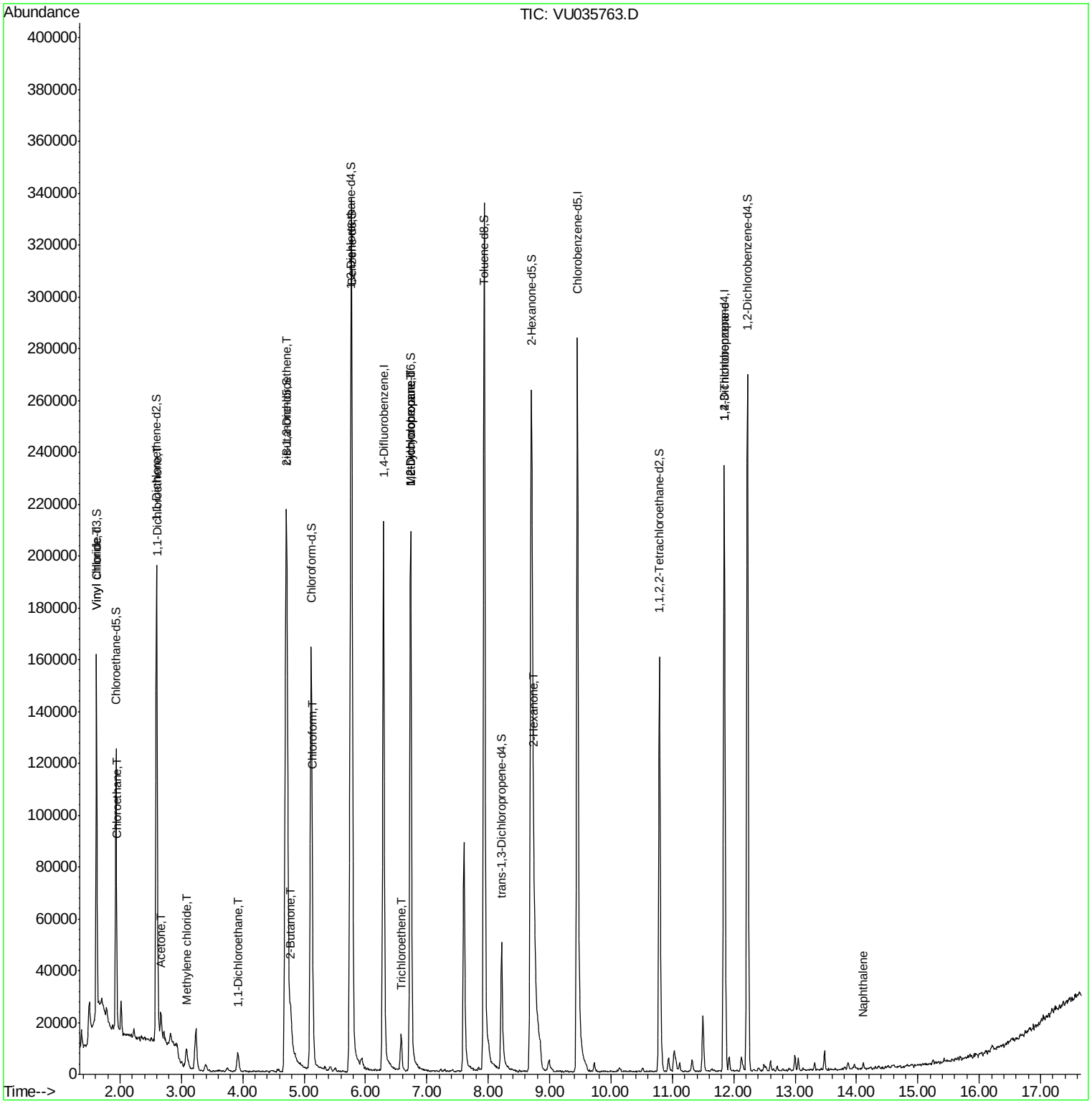
(#) = qualifier out of range (m) = manual integration (+) = signals summed

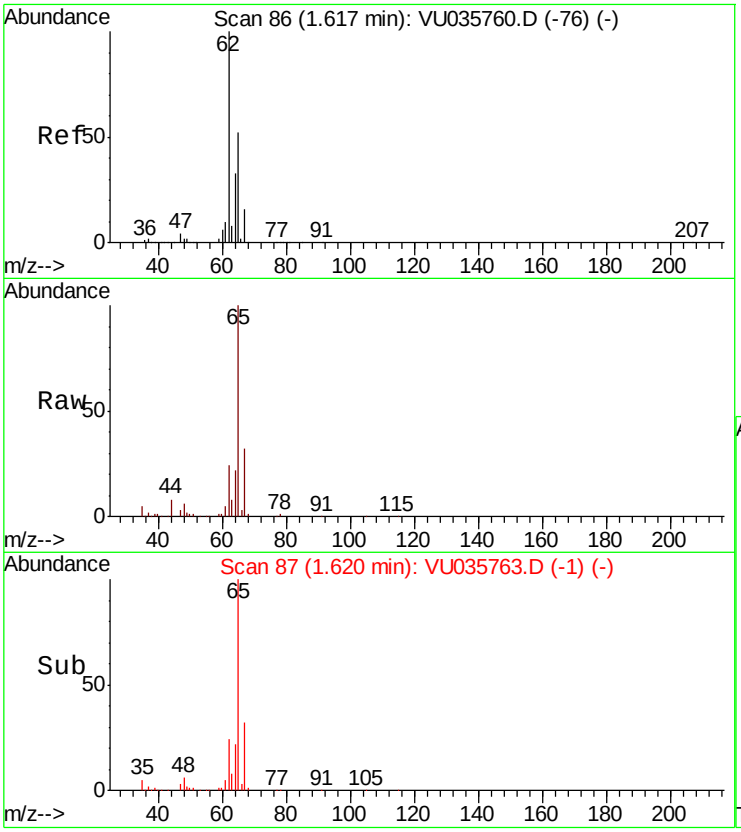
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU111919\
Data File : VU035763.D
Acq On : 19 Nov 2019 12:01
Operator : JC/SP
Sample : K5930-02 50X
Misc : 25.0mL/MSVOA U/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :

Quant Time: Nov 20 00:40:13 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



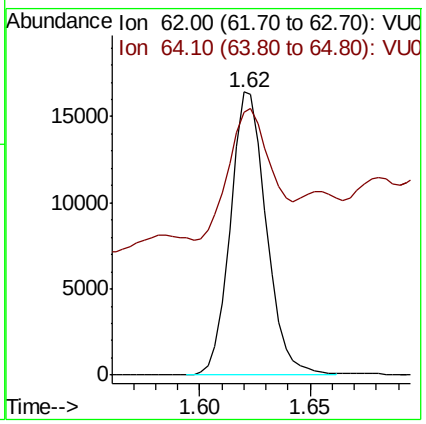


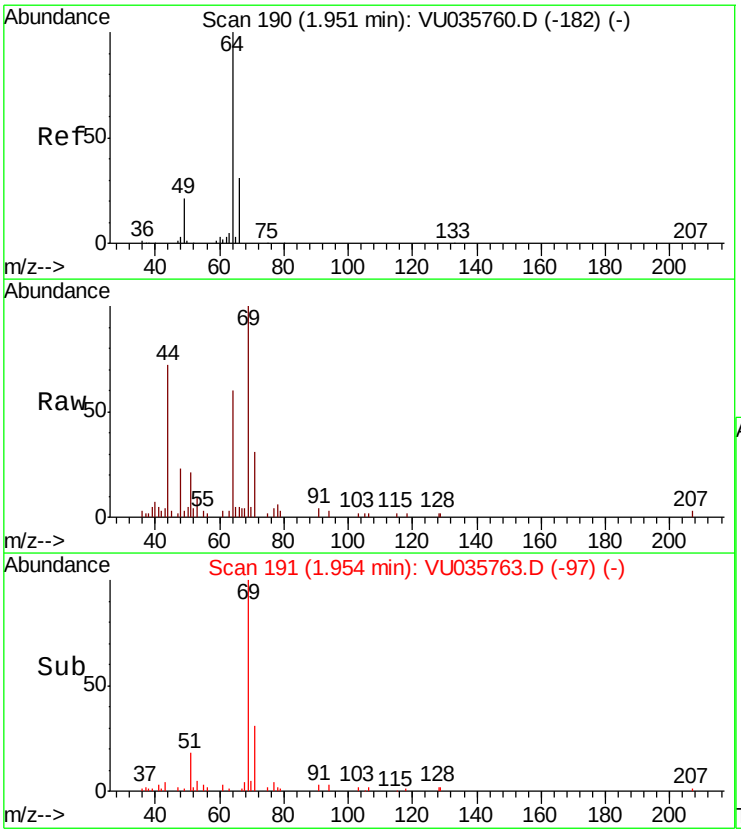
#5
Vinyl chloride
Concen: 0.795 ug/L
RT: 1.62 min Scan# 87
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 62 Resp: 18696

Ion	Ratio	Lower	Upper
62	100		
64	93.1	23.5	43.7#

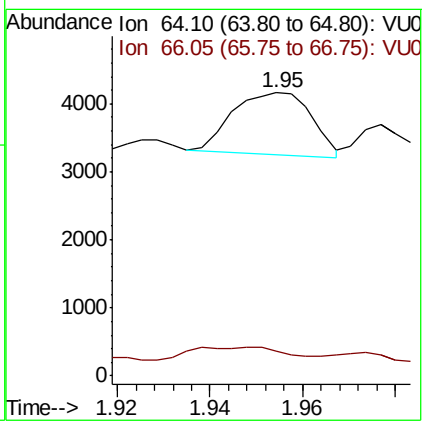


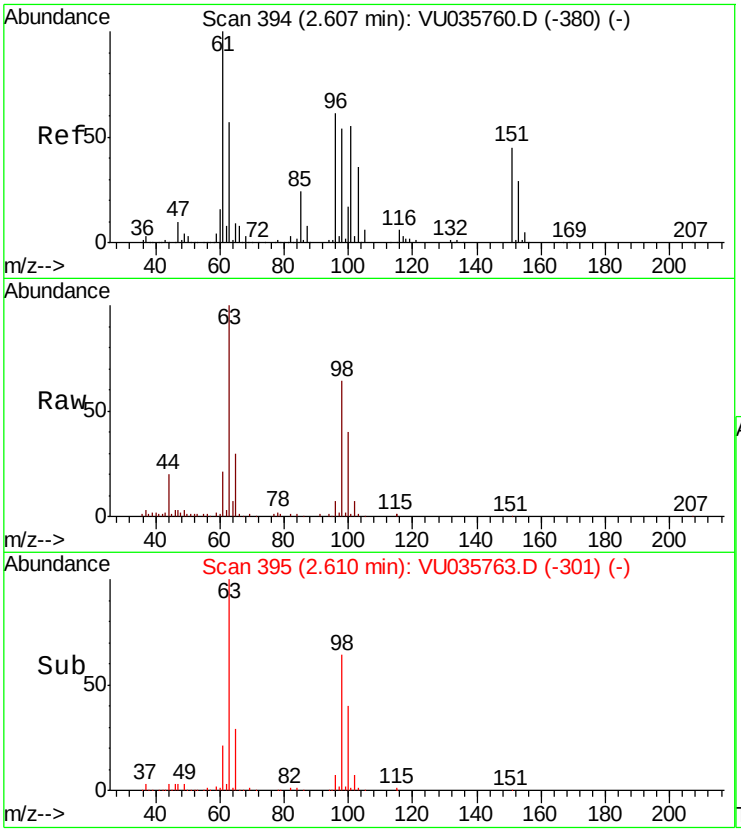


#8
Chloroethane
Concen: 0.080 ug/L
RT: 1.95 min Scan# 191
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 64 Resp: 1073

Ion	Ratio	Lower	Upper
64	100		
66	8.7	22.5	41.7#



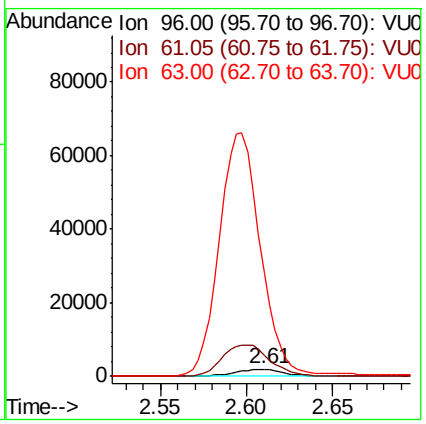


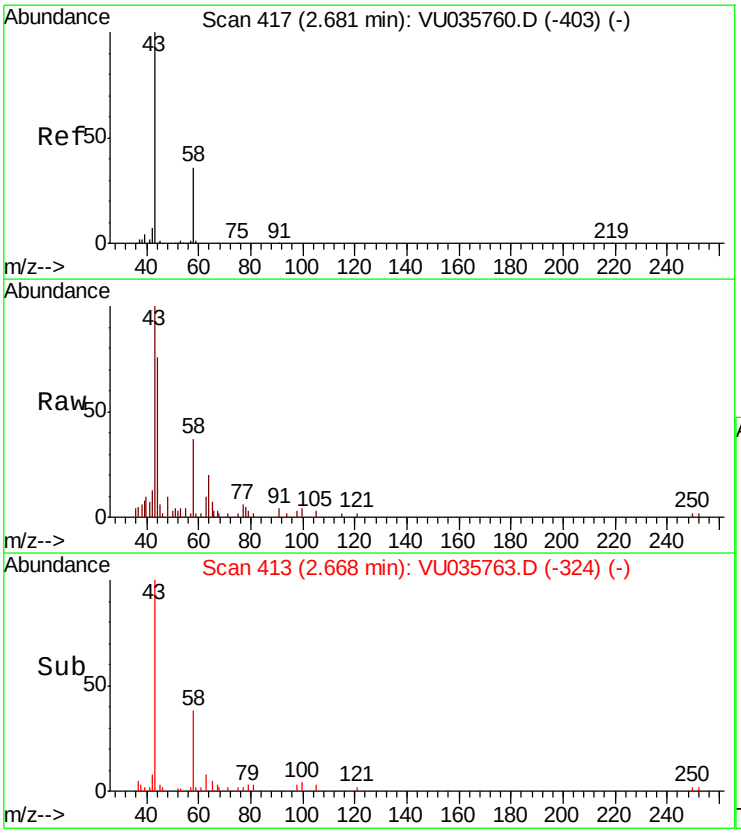
#12
1,1-Dichloroethene
Concen: 0.230 ug/L
RT: 2.61 min Scan# 395
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 96 Resp: 3741

Ion	Ratio	Lower	Upper
96	100		
61	305.1	123.1	228.5#
63	1466.0	87.8	163.0#

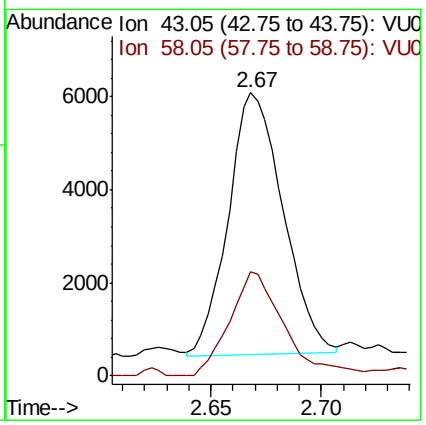


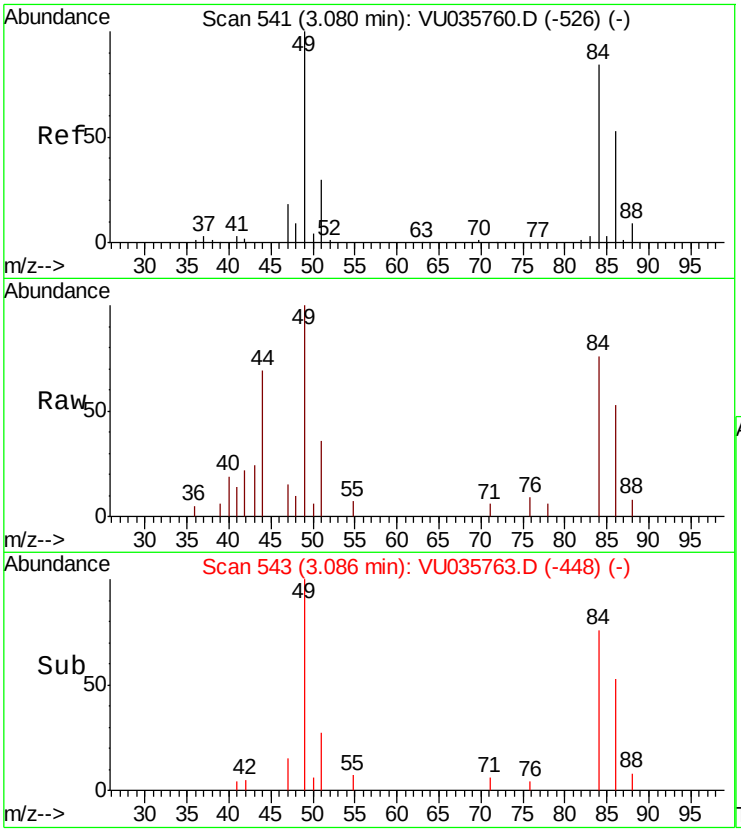


#13
Acetone
Concen: 3.201 ug/L
RT: 2.67 min Scan# 413
Delta R.T. -0.01 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 43 Resp: 9697

Ion	Ratio	Lower	Upper
43	100		
58	39.4	0.0	69.8



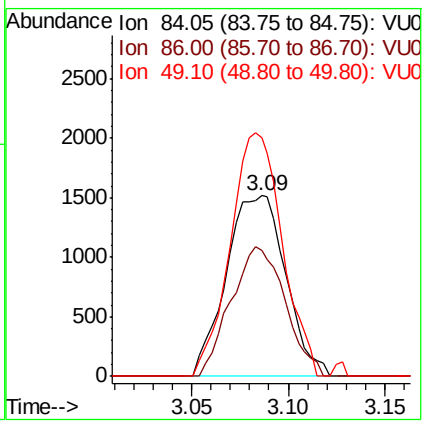


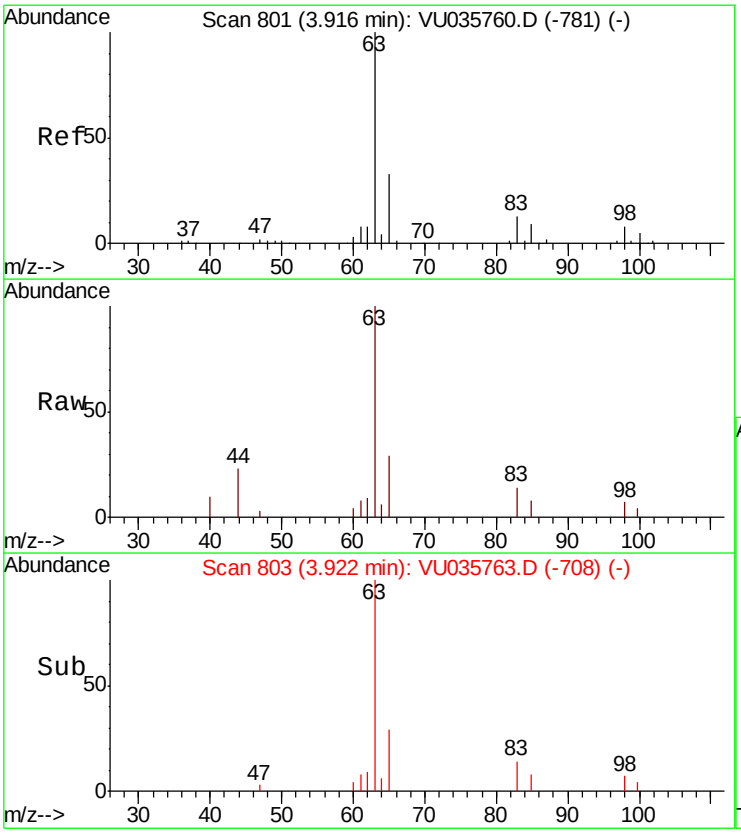
#16
Methylene chloride
Concen: 0.169 ug/L
RT: 3.09 min Scan# 543
Delta R.T. 0.01 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 3252

Ion	Ratio	Lower	Upper
84	100		
86	69.8	45.8	85.2
49	131.6	81.9	152.1

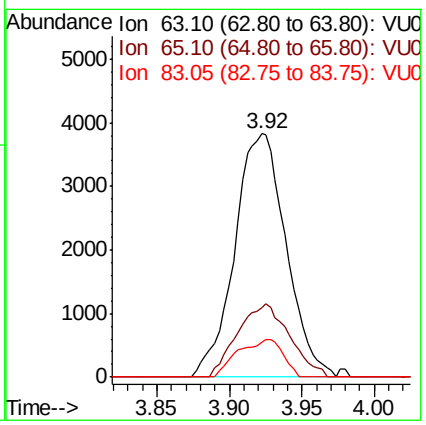


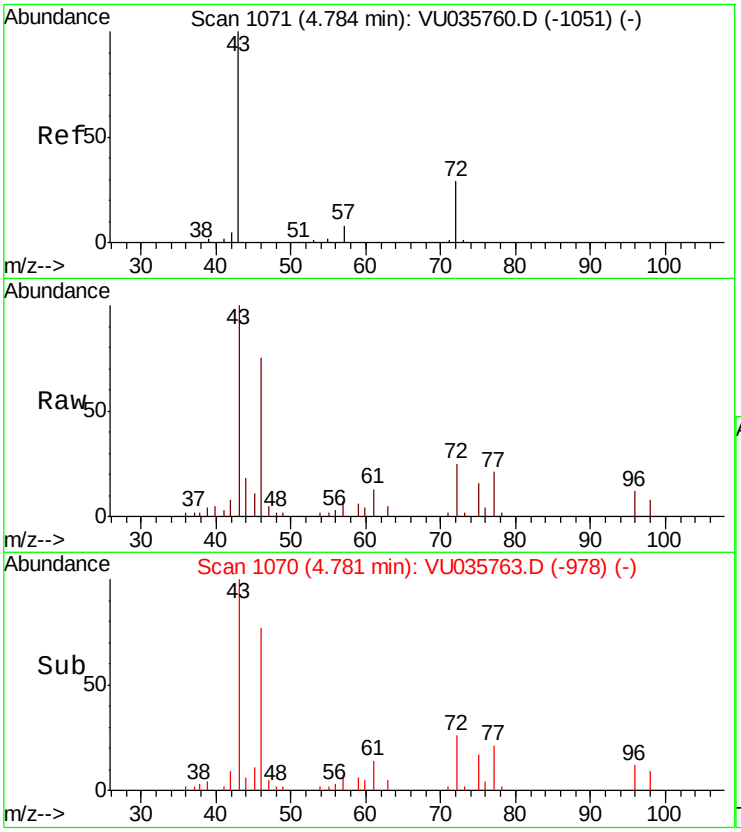


#19
1,1-Dichloroethane
Concen: 0.303 ug/L
RT: 3.92 min Scan# 803
Delta R.T. 0.01 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 63 Resp: 9430

Ion	Ratio	Lower	Upper
63	100		
65	28.7	22.0	40.8
83	14.2	9.3	17.3



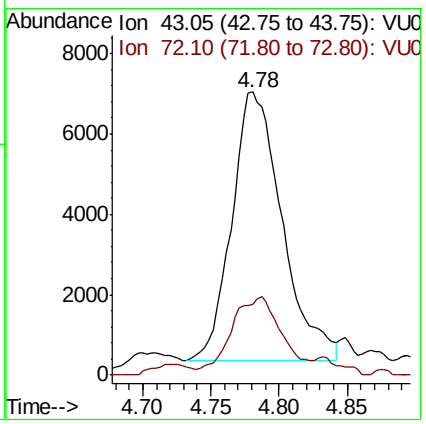


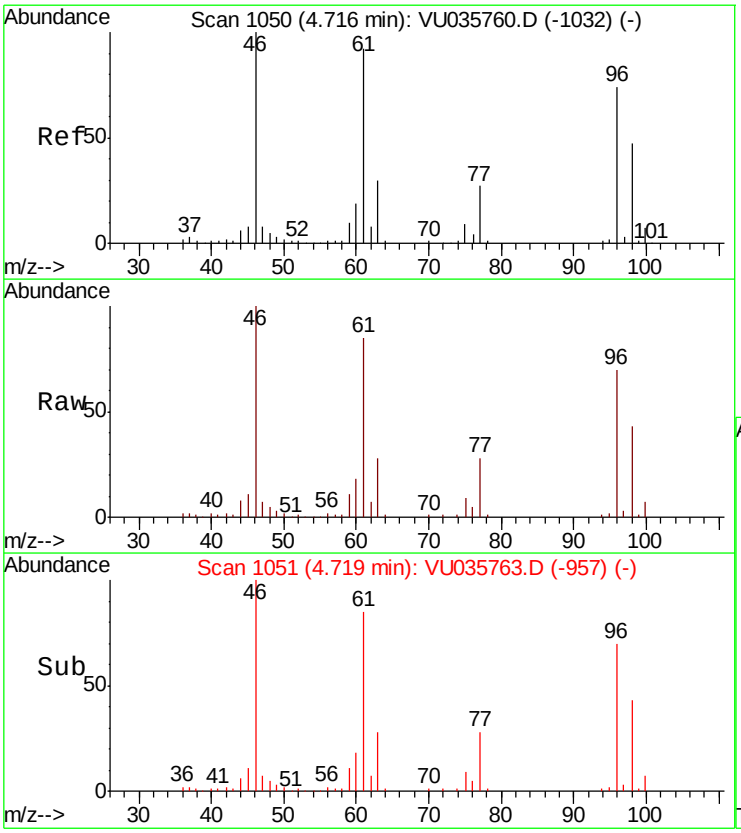
#21
2-Butanone
Concen: 3.819 ug/L
RT: 4.78 min Scan# 1070
Delta R.T. -0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 17180

Ion	Ratio	Lower	Upper
43	100		
72	29.8	14.3	42.9

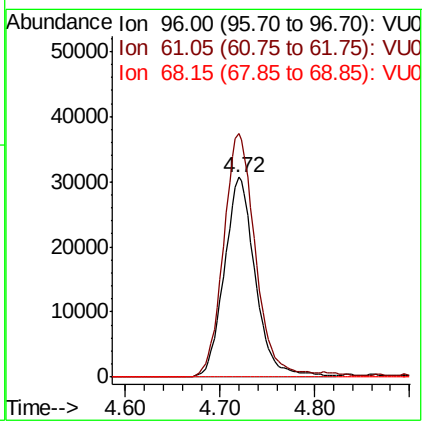


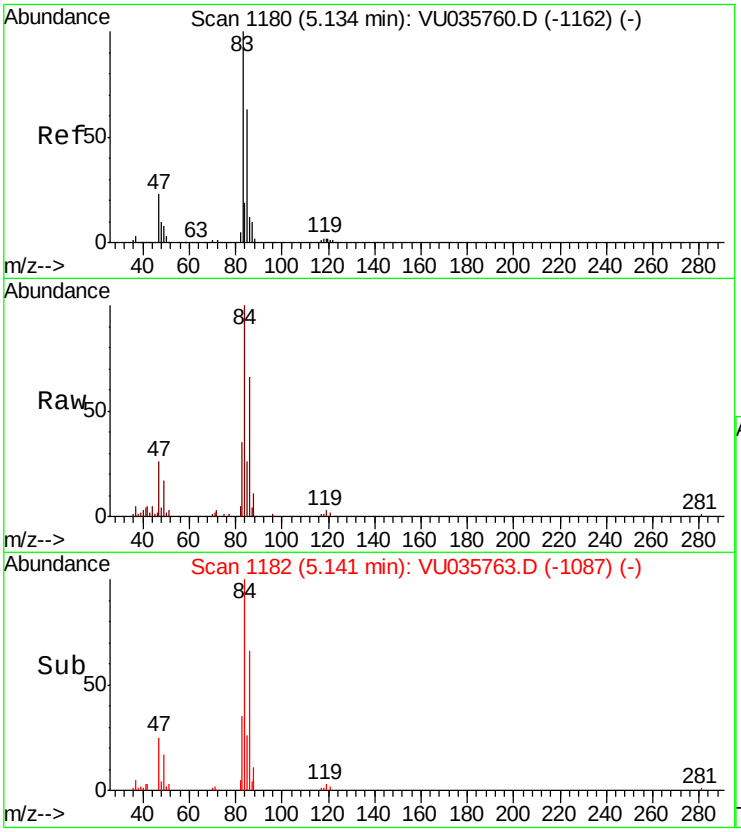


#22
cis-1,2-Dichloroethene
Concen: 3.782 ug/L
RT: 4.72 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 96 Resp: 69927

Ion	Ratio	Lower	Upper
96	100		
61	121.9	87.0	161.6
68	0.0	0.0	0.0



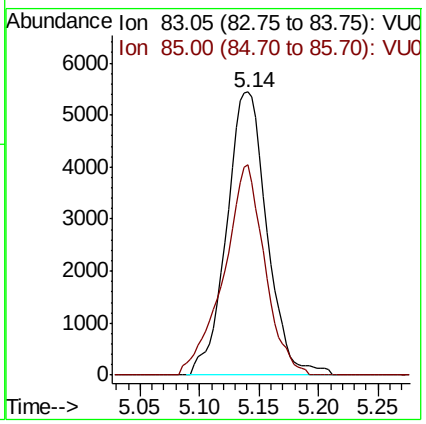


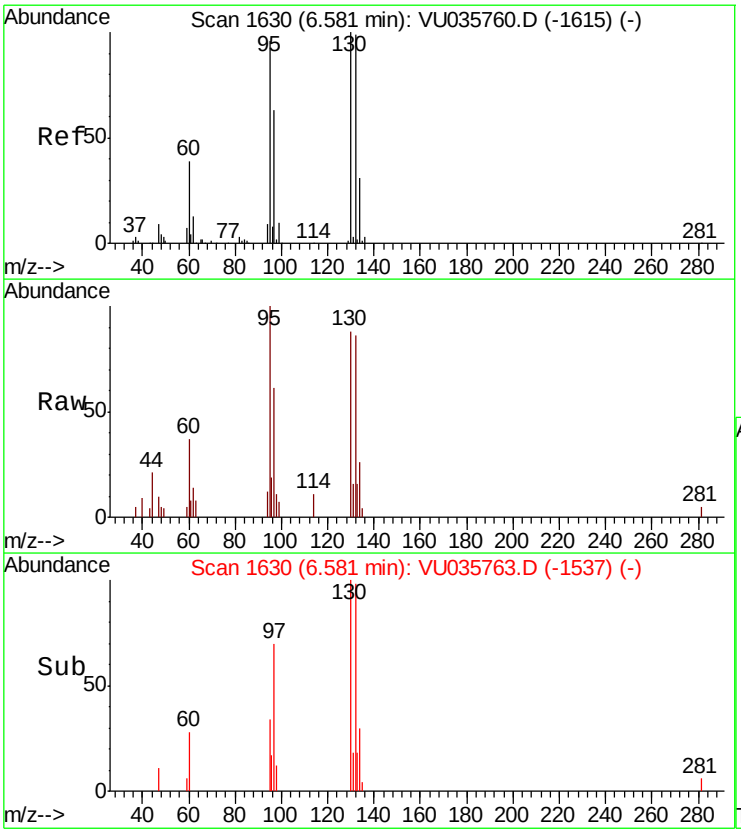
#25
Chloroform
Concen: 0.378 ug/L
RT: 5.14 min Scan# 1182
Delta R.T. 0.01 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 12776

Ion	Ratio	Lower	Upper
83	100		
85	74.2	45.4	84.2

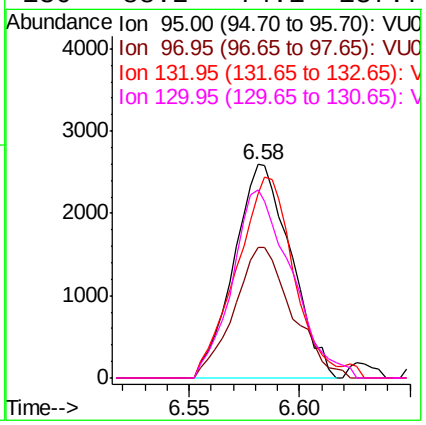


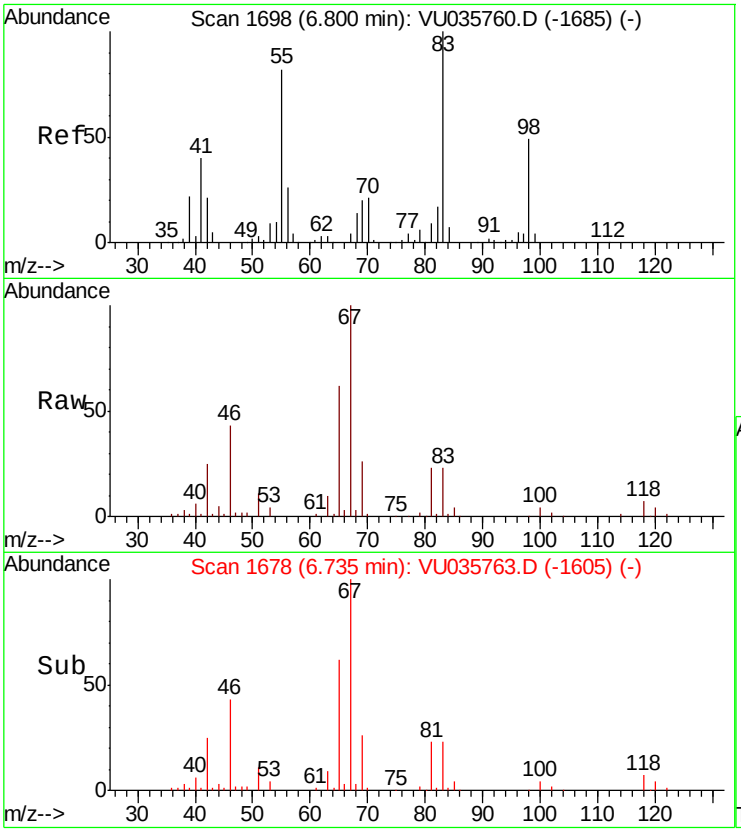


#34
Trichloroethene
Concen: 0.253 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 95 Resp: 4654

Ion	Ratio	Lower	Upper
95	100		
97	61.4	44.5	82.7
132	86.1	69.9	129.7
130	88.2	74.1	137.7



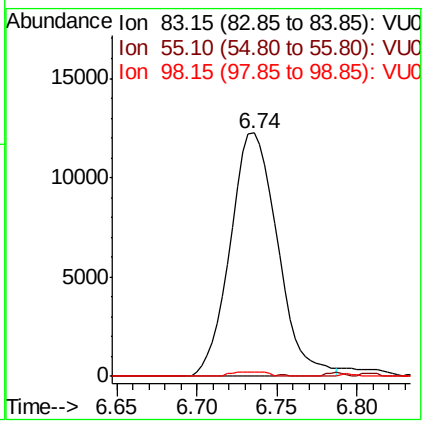


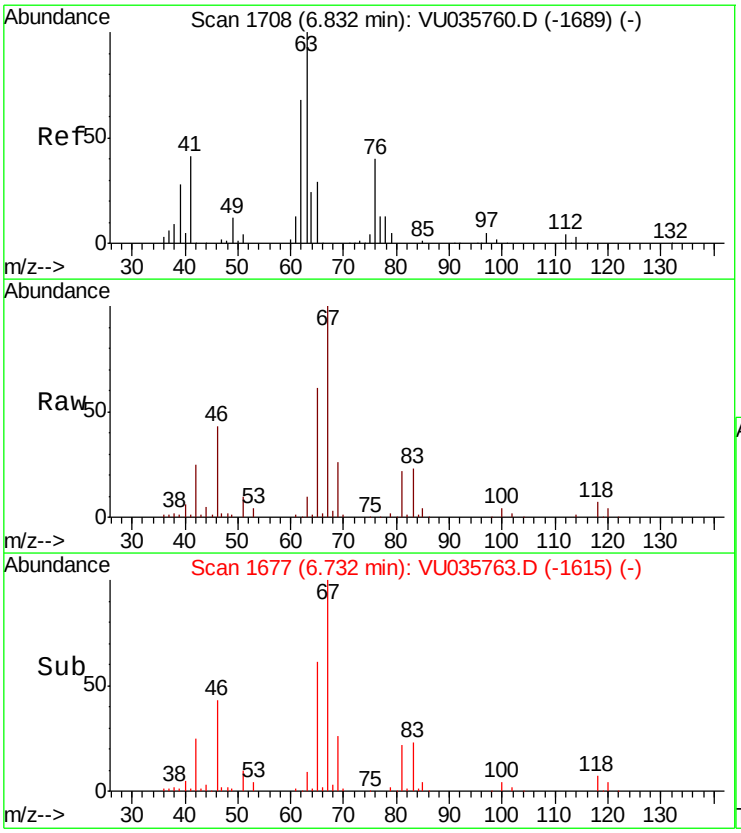
#35
Methylcyclohexane
Concen: 0.887 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.06 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 24834

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.4	37.2	55.8#

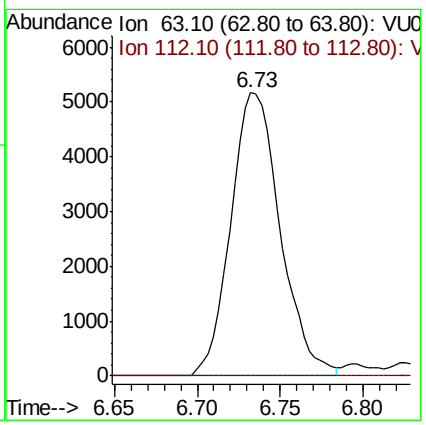


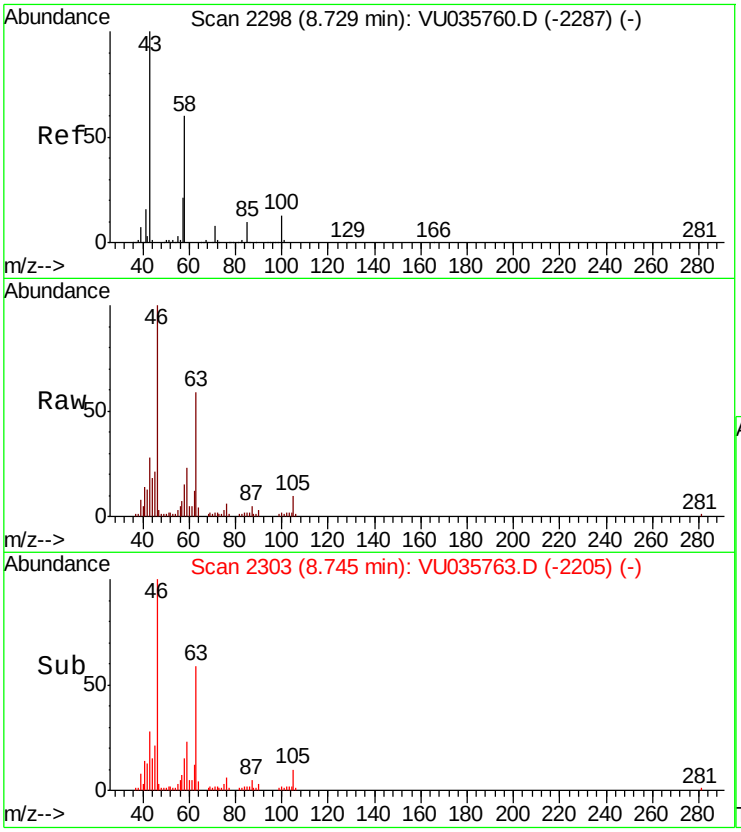


#37
1,2-Dichloropropane
Concen: 0.568 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 63 Resp: 10733

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.4	5.2#



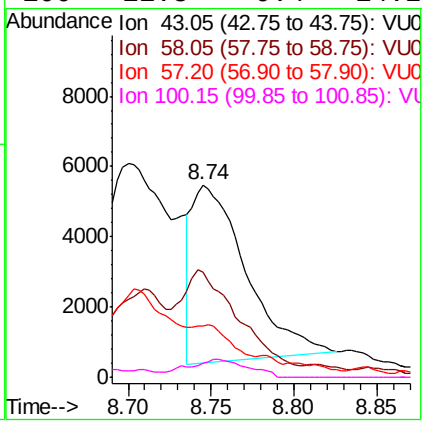


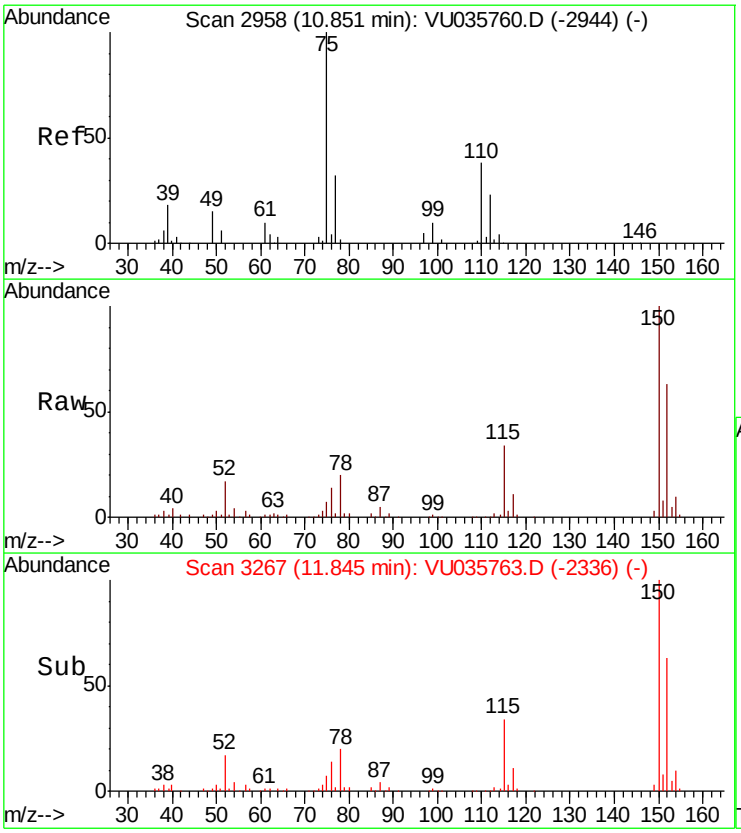
#48
2-Hexanone
Concen: 1.478 ug/L
RT: 8.74 min Scan# 2303
Delta R.T. 0.02 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 11424

Ion	Ratio	Lower	Upper
43	100		
58	67.2	44.1	66.1#
57	0.0	15.1	22.7#
100	11.3	9.4	14.2

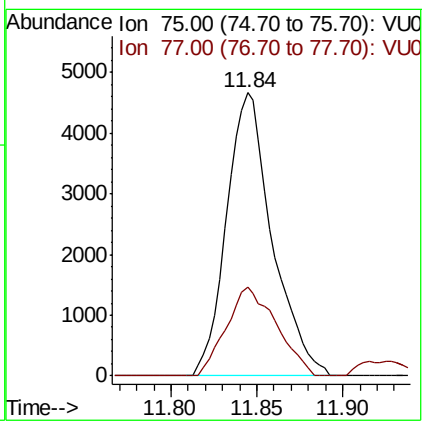


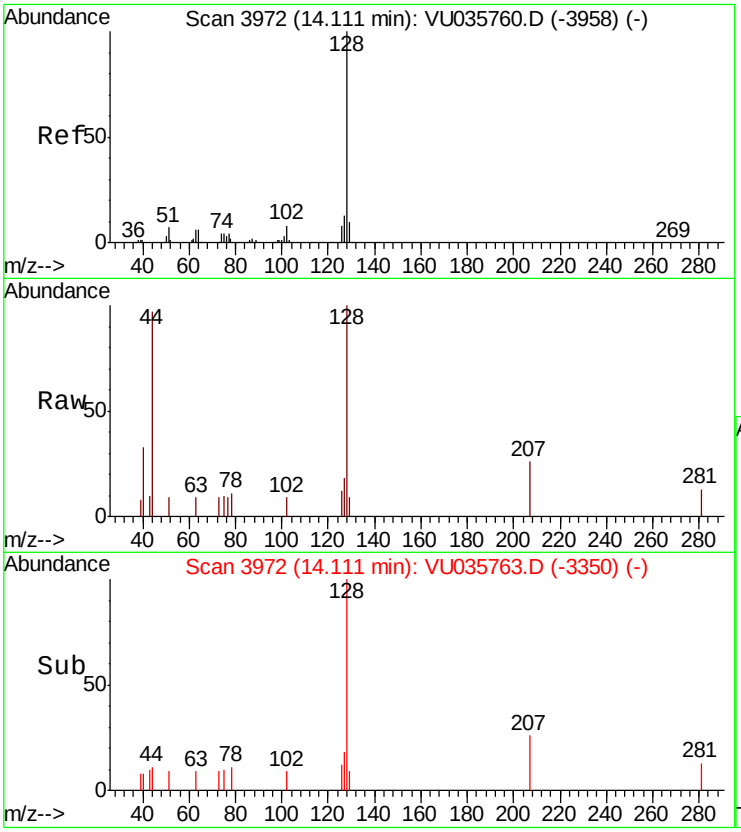


#59
1,2,3-Trichloropropane
Concen: 0.687 ug/L
RT: 11.84 min Scan# 3267
Delta R.T. 0.99 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Tgt Ion: 75 Resp: 8598

Ion	Ratio	Lower	Upper
75	100		
77	34.4	26.8	40.2





#69
Naphthalene
Concen: 0.155 ug/L
RT: 14.11 min Scan# 3972
Delta R.T. 0.00 min
Lab File: VU035763.D
Acq: 19 Nov 2019 12:01

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:128 Resp: 1965

Ion	Ratio	Lower	Upper
128	100		
129	7.3	8.1	12.1#
127	12.0	11.0	16.4