Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035080.D
Acq On : 11 Oct 2019 11:11
Operator : JC/SP
Sample : K5310-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OU2-MW-5-001-01

Quant Time: Oct 12 01:52:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.86	114	164052	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.07	117	165122	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.47	152	58939	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57182	5.90	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 118.00%			
7) Chloroethane-d5	1.68	69	52569	5.81	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 116.20%			
11) 1,1-Dichloroethene-d2	2.26	63	83233	4.07	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 81.40%			
20) 2-Butanone-d5	4.17	46	144940	50.75	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 101.50%			
24) Chloroform-d	4.62	84	92306	5.09	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 101.80%			
26) 1,2-Dichloroethane-d4	5.29	65	56889	5.24	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 104.80%			
32) Benzene-d6	5.32	84	201532	5.20	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 104.00%			
36) 1,2-Dichloropropane-d6	6.31	67	68386	5.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 105.60%			
41) Toluene-d8	7.55	98	177924	4.75	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 95.00%			
43) trans-1,3-Dichloropropene-	7.84	79	20817	4.47	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 89.40%			
46) 2-Hexanone-d5	8.30	63	111661	50.40	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.80%			
57) 1,1,2,2-Tetrachloroethane-	10.41	84	55716	5.11	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 102.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	56722	5.70	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 114.00%			
Target Compounds						Qvalue
5) Vinyl chloride	1.40	62	5945	0.368	ug/L #	58
12) 1,1-Dichloroethene	2.27	96	5865	0.557	ug/L #	1
13) Acetone	2.31	43	3151	1.347	ug/L	99
15) Methyl Acetate	2.62	43	1008	0.162	ug/L #	53
18) trans-1,2-Dichloroethene	2.96	96	40458	3.586	ug/L	98
22) cis-1,2-Dichloroethene	4.20	96	425730	33.825	ug/L	92
25) Chloroform	4.65	83	9657	0.383	ug/L	94
33) Benzene	5.37	78	6634	0.133	ug/L	100
34) Trichloroethene	6.16	95	3174362	247.471	ug/L	99
35) Methylcyclohexane	6.31	83	14163	0.682	ug/L #	18
37) 1,2-Dichloropropane	6.31	63	8067	0.601	ug/L #	91
45) 1,1,2-Trichloroethane	8.21	97	10290	1.155	ug/L #	1
47) Tetrachloroethene	8.21	164	1164817	112.183	ug/L	97
48) 2-Hexanone	8.30	43	12098	2.090	ug/L #	65
49) Dibromochloromethane	8.21	129	1131135	109.853	ug/L #	12
59) 1,2,3-Trichloropropane	11.47	75	7783	0.896	ug/L	93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035080.D
Acq On : 11 Oct 2019 11:11
Operator : JC/SP
Sample : K5310-23
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 5 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : OU2-MW-5-001-01

Quant Time: Oct 12 01:52:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU101219\

Quantitation Report (Not Reviewed)

Data File : VU035080.D
Acq On : 11 Oct 2019 11:11
Operator : JC/SP
Sample : K5310-23
Misc : 25.0mL/MSVOA_U/WATER
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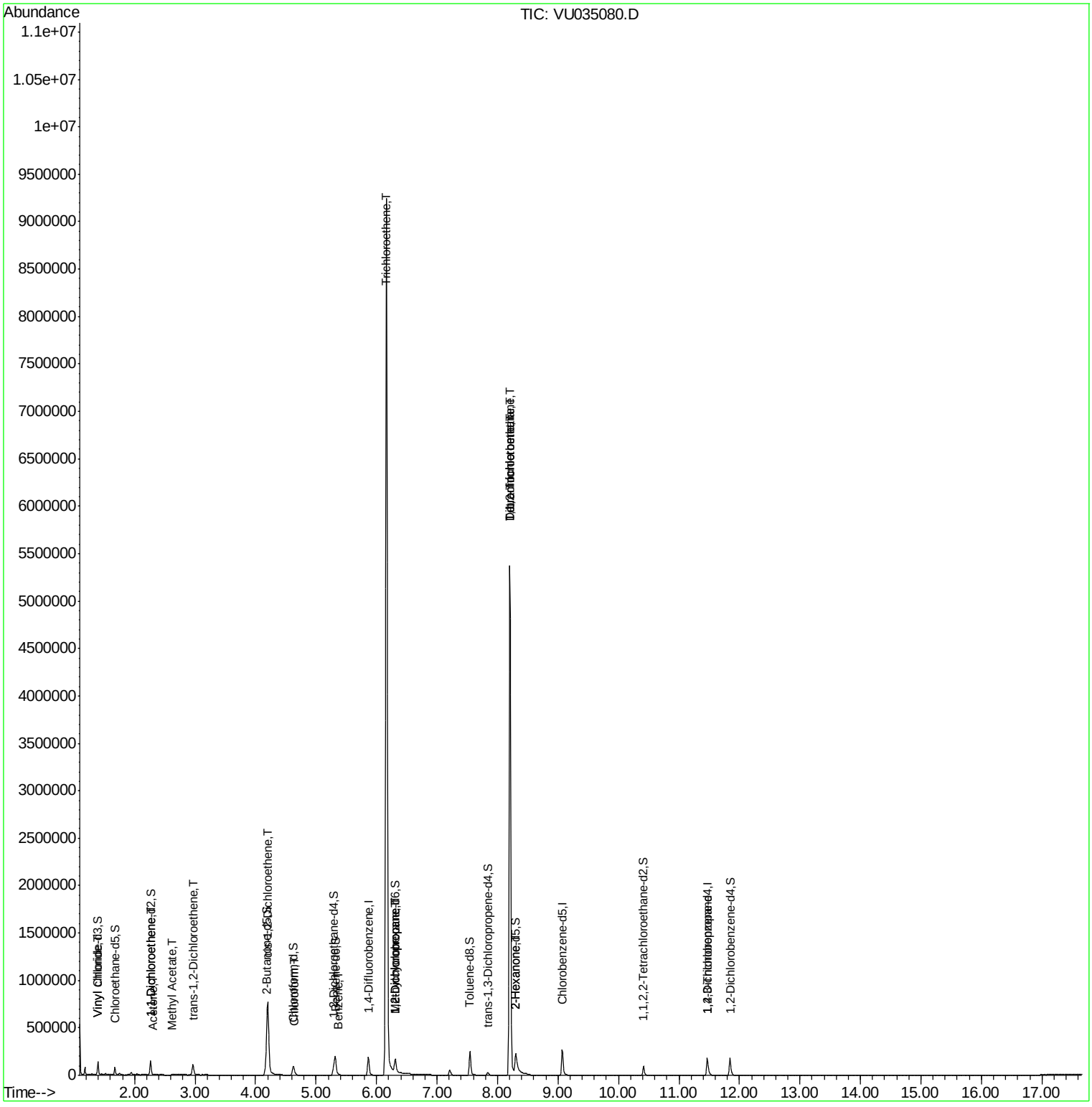
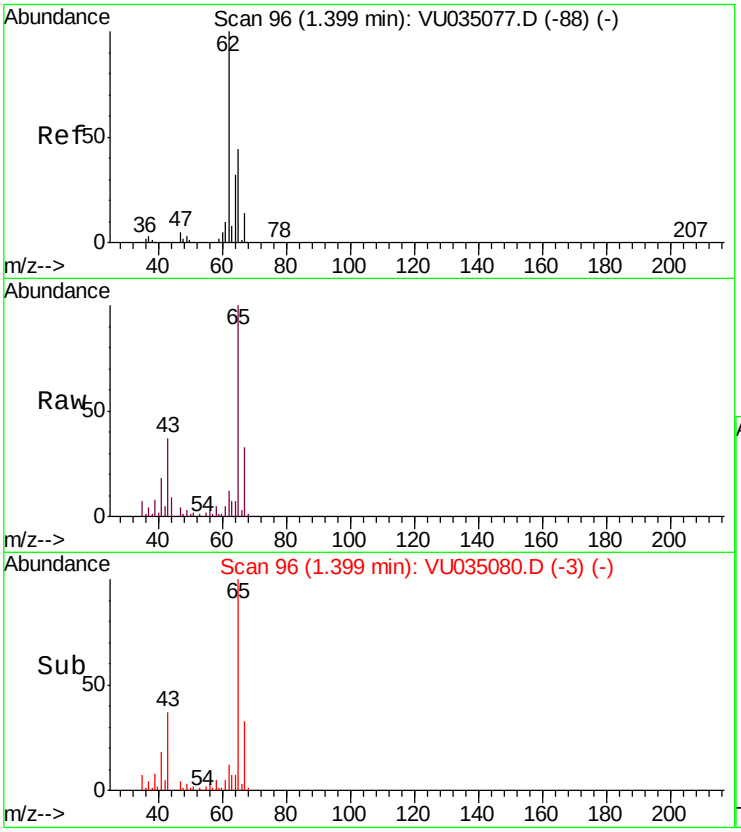
Quant Time: Oct 12 01:52:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR100719WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat Oct 12 01:49:52 2019
Response via : Initial Calibration



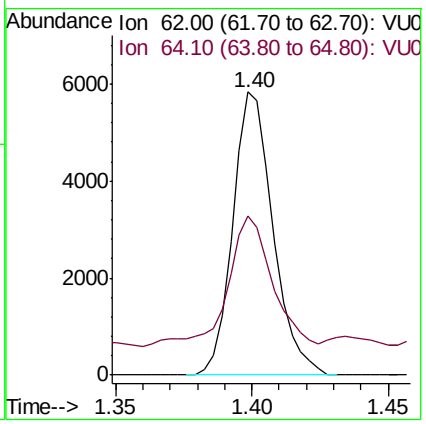


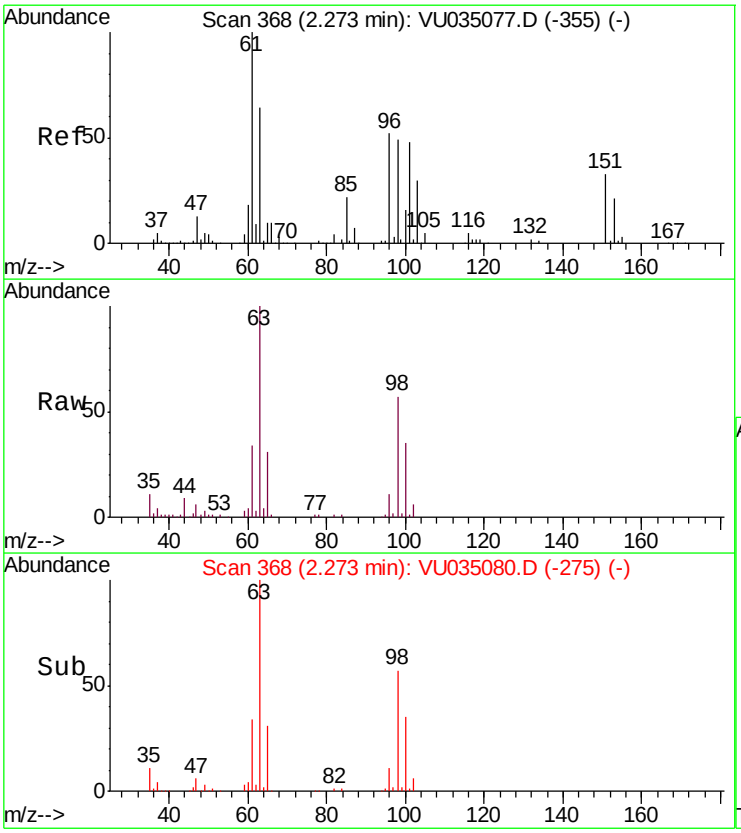
#5
Vinyl chloride
Concen: 0.368 ug/L
RT: 1.40 min Scan# 96
Delta R.T. -0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 62 Resp: 5945

Ion	Ratio	Lower	Upper
62	100		
64	56.1	22.8	42.4#

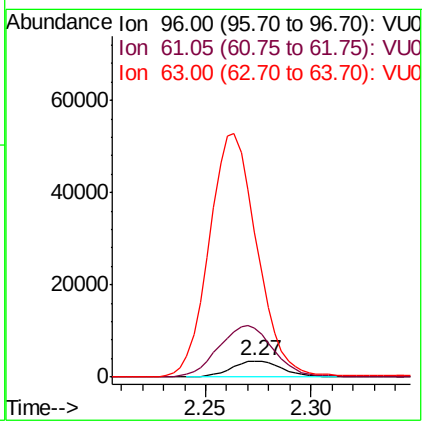


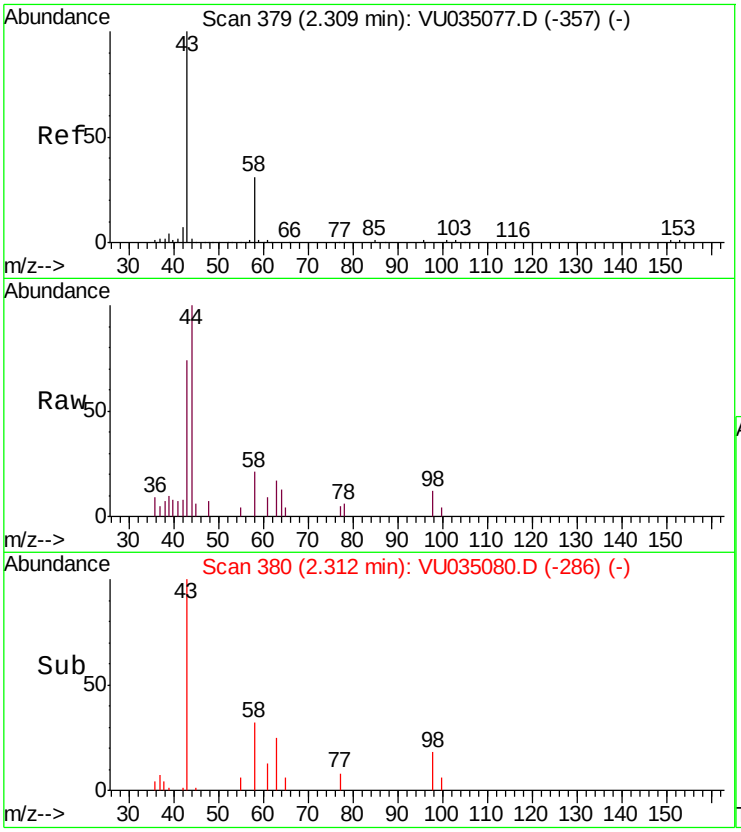


#12
1,1-Dichloroethene
Concen: 0.557 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 96 Resp: 5865

Ion	Ratio	Lower	Upper
96	100		
61	299.5	129.3	240.1#
63	888.2	108.9	202.3#



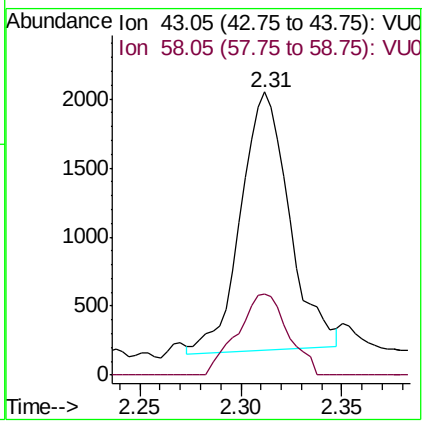


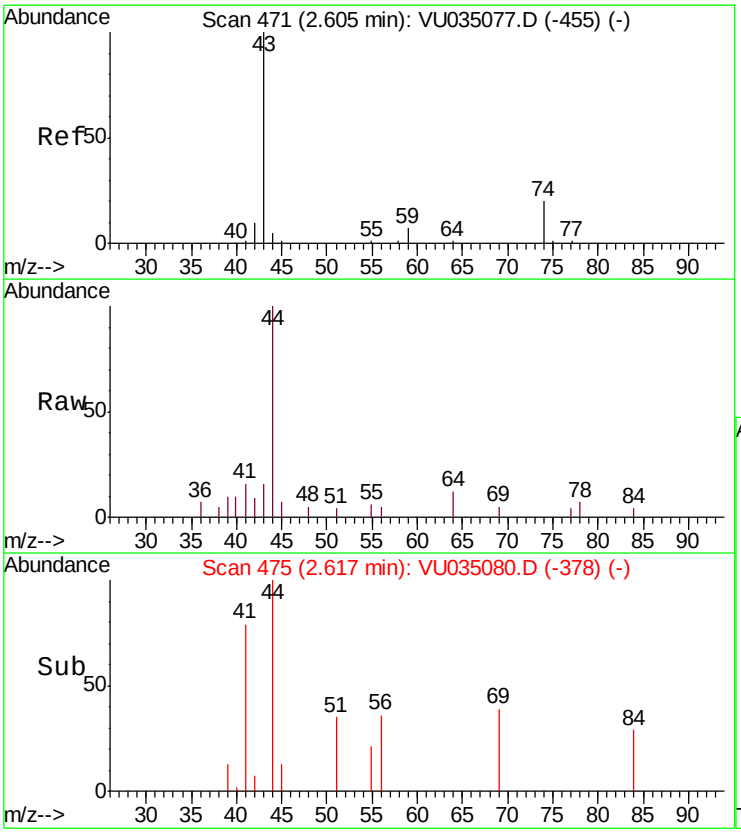
#13
Acetone
Concen: 1.347 ug/L
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 43 Resp: 3151

Ion	Ratio	Lower	Upper
43	100		
58	32.7	0.0	66.6

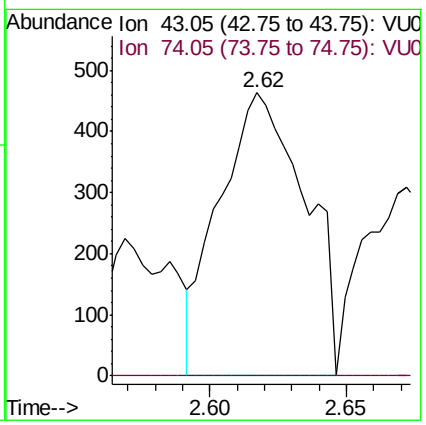


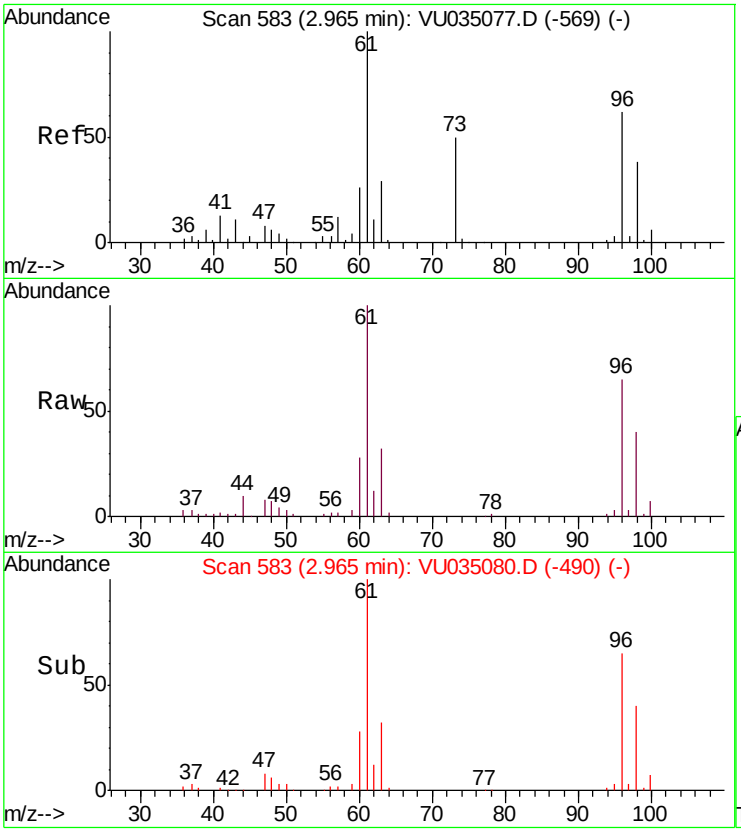


#15
Methyl Acetate
Concen: 0.162 ug/L
RT: 2.62 min Scan# 475
Delta R.T. 0.01 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 43 Resp: 1008

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.8	26.8#



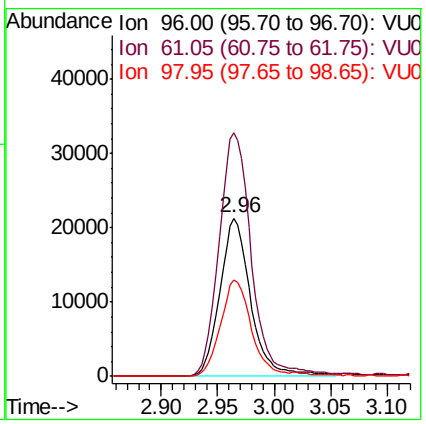


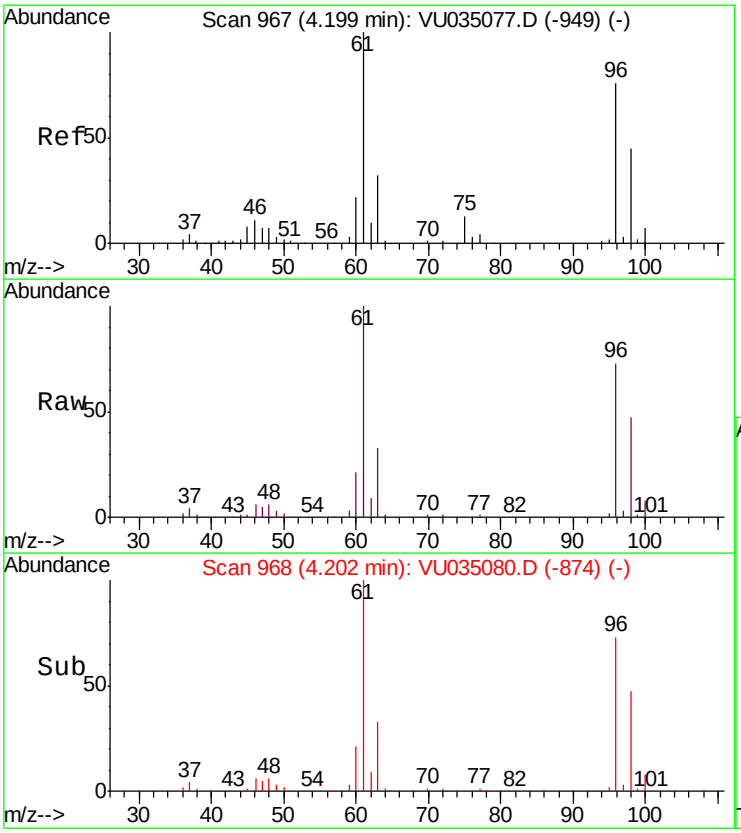
#18
trans-1,2-Dichloroethene
Concen: 3.586 ug/L
RT: 2.96 min Scan# 583
Delta R.T. -0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 96 Resp: 40458

Ion	Ratio	Lower	Upper
96	100		
61	153.9	107.1	198.9
98	60.9	45.4	84.4

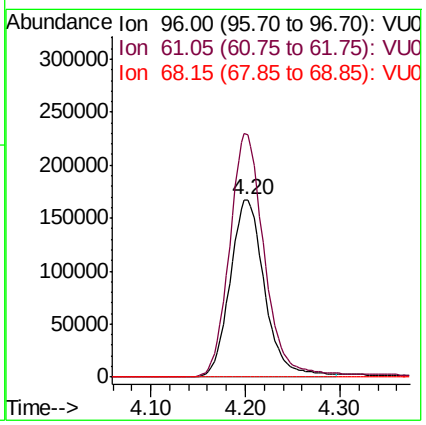


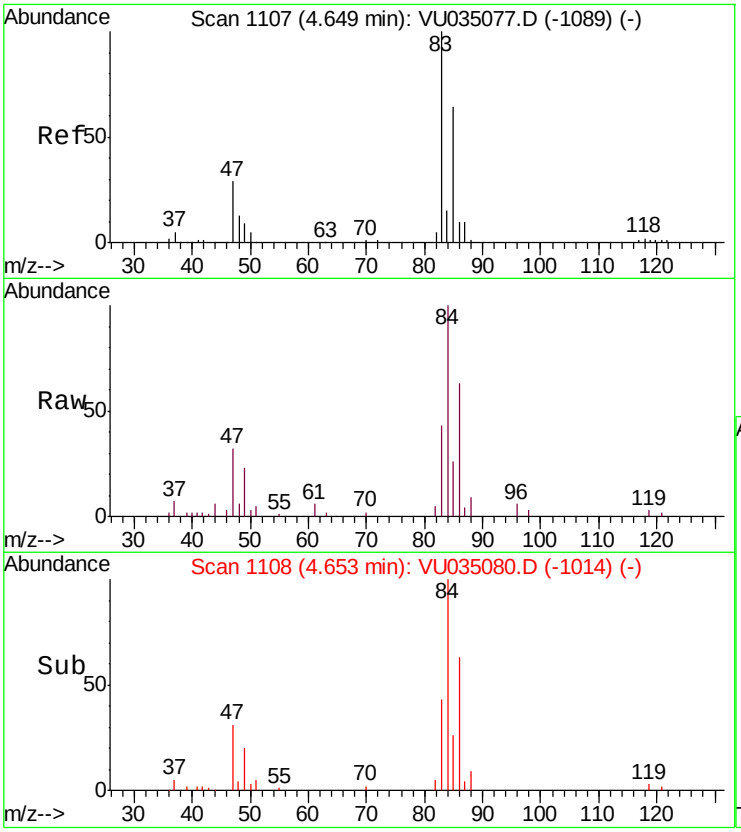


#22
cis-1,2-Dichloroethene
Concen: 33.825 ug/L
RT: 4.20 min Scan# 968
Delta R.T. 0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 96 Resp: 425730

Ion	Ratio	Lower	Upper
96	100		
61	136.6	89.2	165.6
68	0.0	0.0	0.0



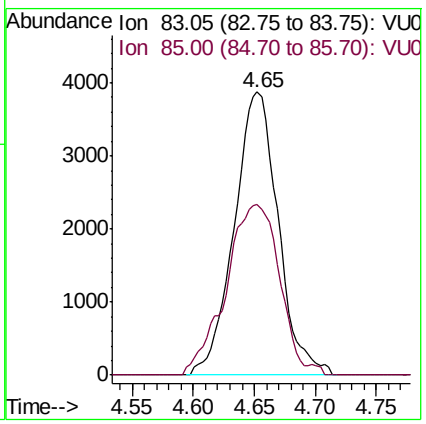


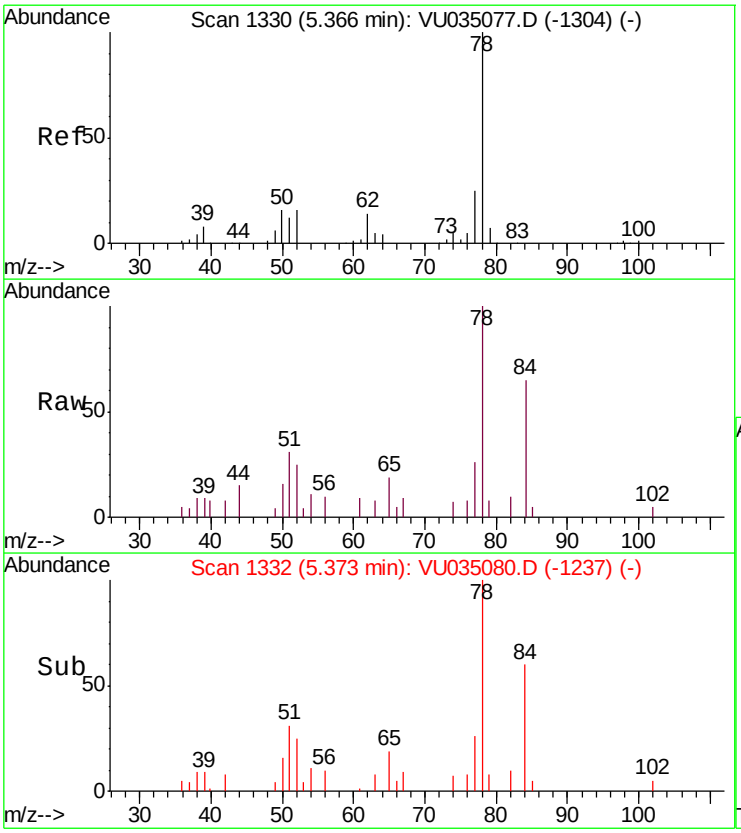
#25
Chloroform
Concen: 0.383 ug/L
RT: 4.65 min Scan# 1108
Delta R.T. 0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 83 Resp: 9657

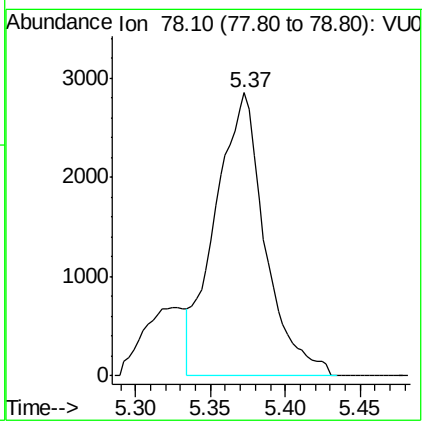
Ion	Ratio	Lower	Upper
83	100		
85	60.1	45.4	84.4

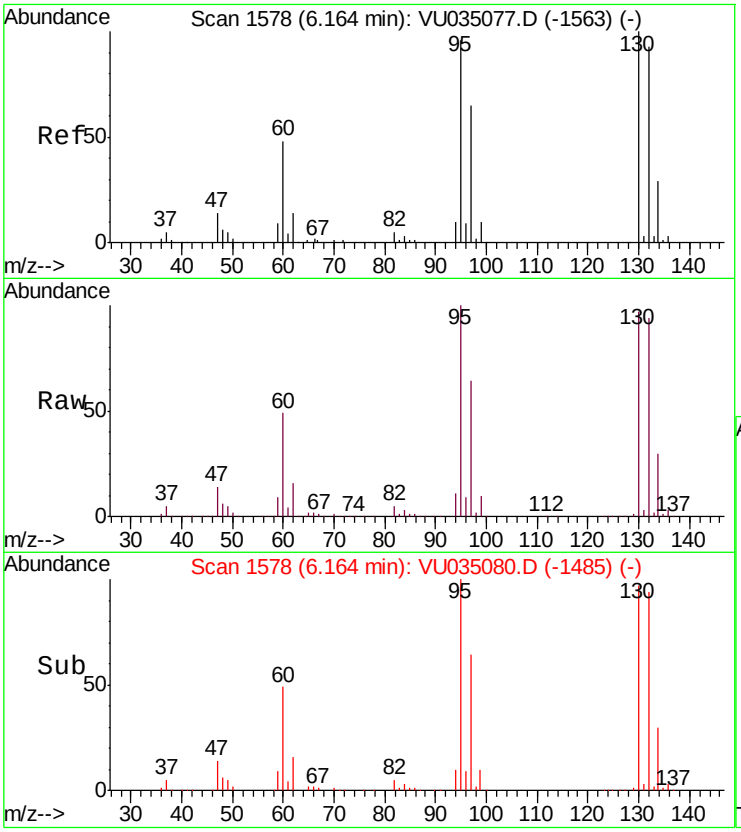




#33
Benzene
Concen: 0.133 ug/L
RT: 5.37 min Scan# 1332
Delta R.T. 0.01 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 78 Resp: 6634



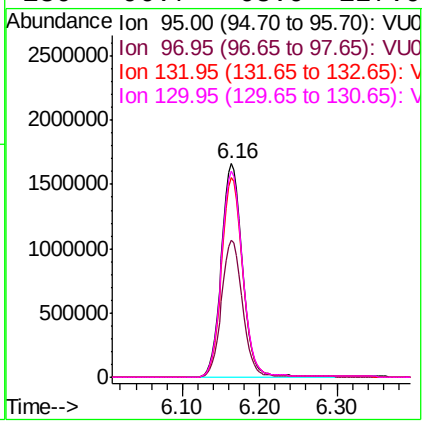


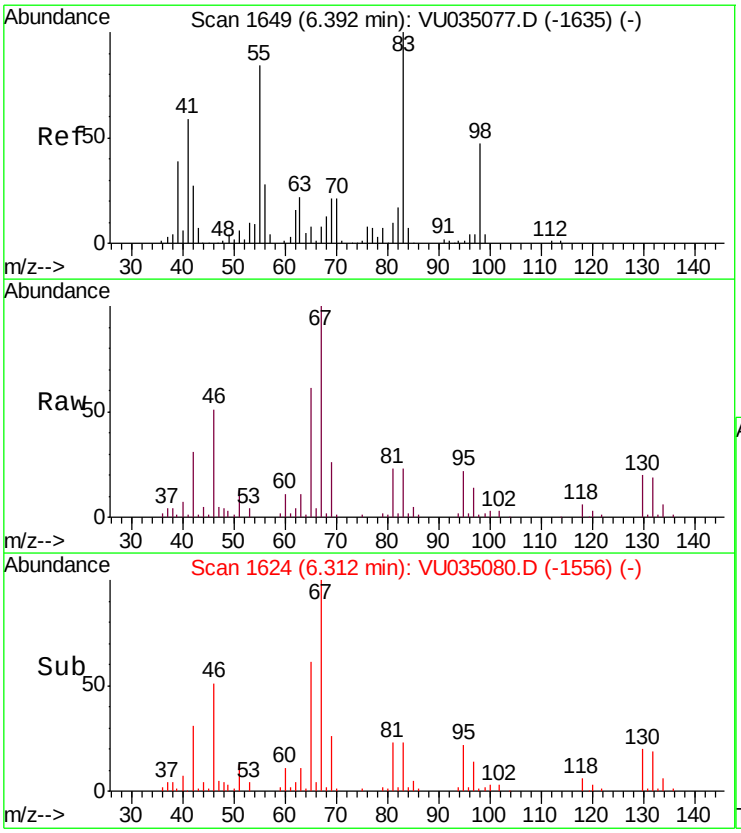
#34
Trichloroethene
Concen: 247.471 ug/L
RT: 6.16 min Scan# 1578
Delta R.T. -0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 95 Resp: 3174362

Ion	Ratio	Lower	Upper
95	100		
97	64.2	44.5	82.7
132	93.7	66.6	123.8
130	96.7	68.9	127.9

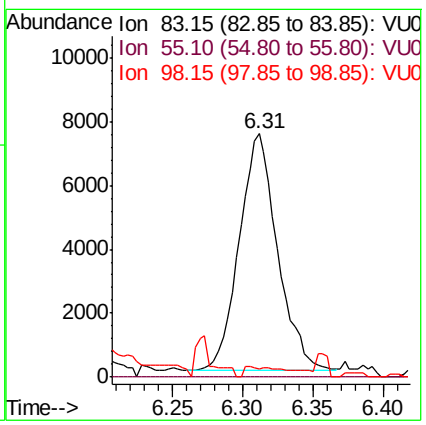


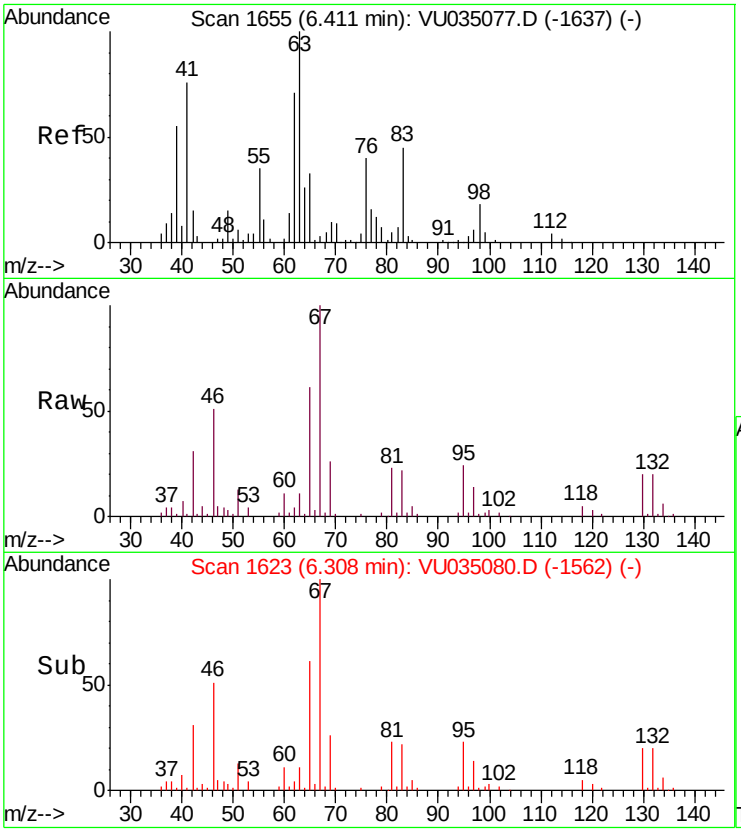


#35
Methylcyclohexane
Concen: 0.682 ug/L
RT: 6.31 min Scan# 1624
Delta R.T. -0.08 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 83 Resp: 14163

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.6	94.0#
98	0.0	36.2	54.2#



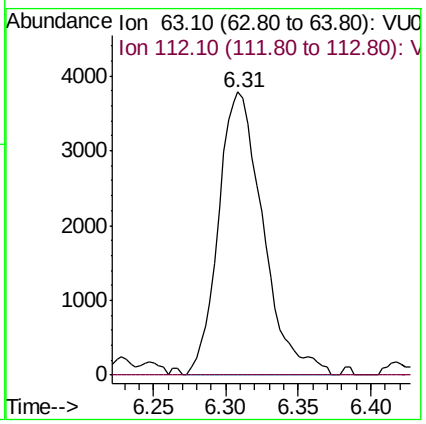


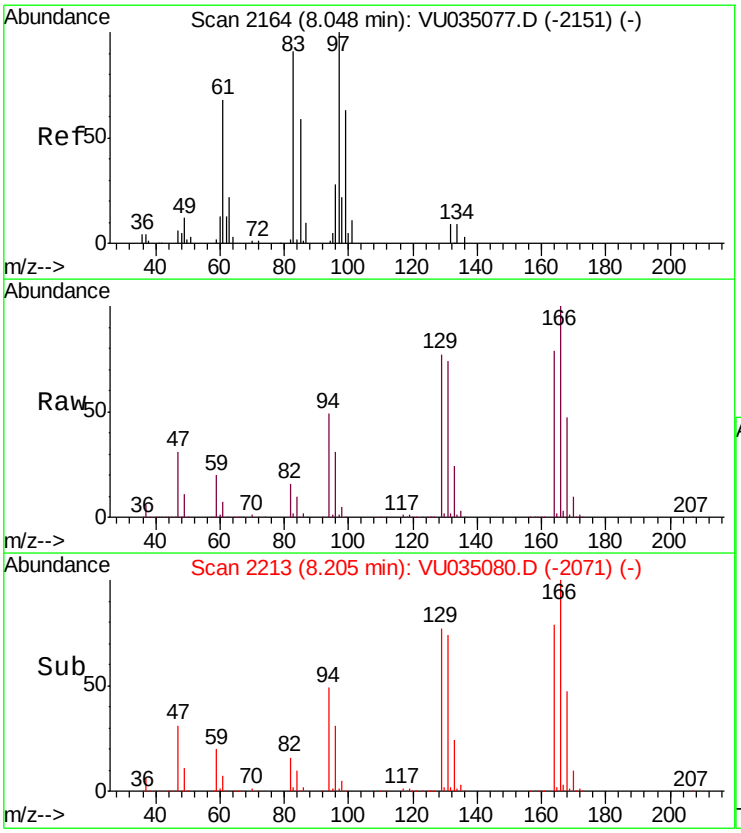
#37
1,2-Dichloropropane
Concen: 0.601 ug/L
RT: 6.31 min Scan# 1623
Delta R.T. -0.10 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion: 63 Resp: 8067

Ion	Ratio	Lower	Upper
63	100		
112	0.8	3.1	4.7#

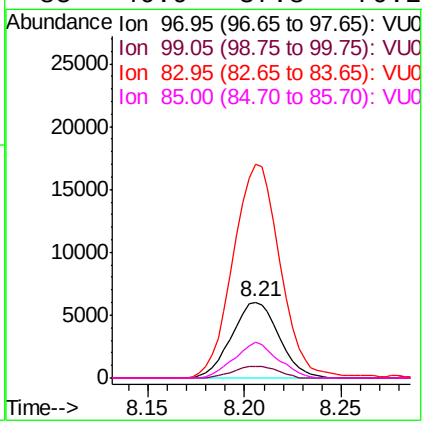


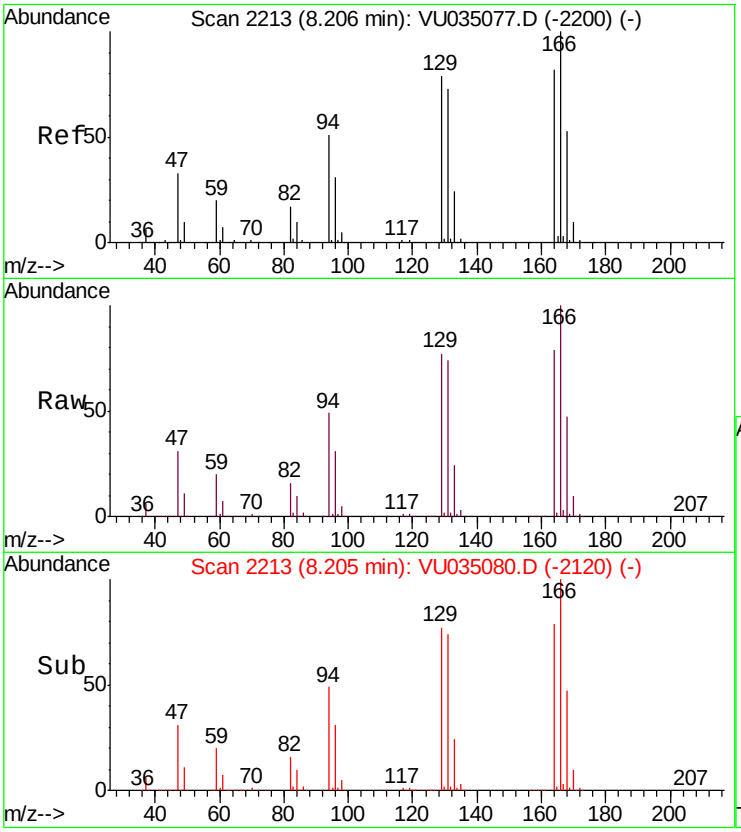


#45
1,1,2-Trichloroethane
Concen: 1.155 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. 0.16 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 97 Resp: 10290

Ion	Ratio	Lower	Upper
97	100		
99	15.6	42.3	78.5#
83	281.7	58.0	107.6#
85	46.9	37.8	70.2



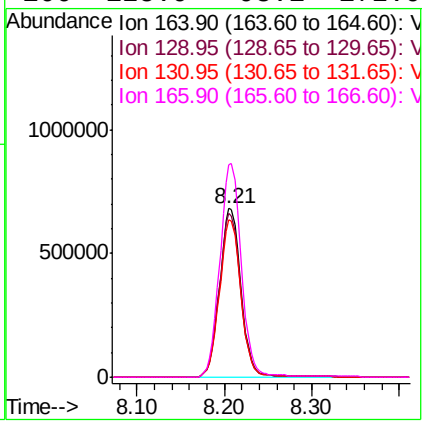


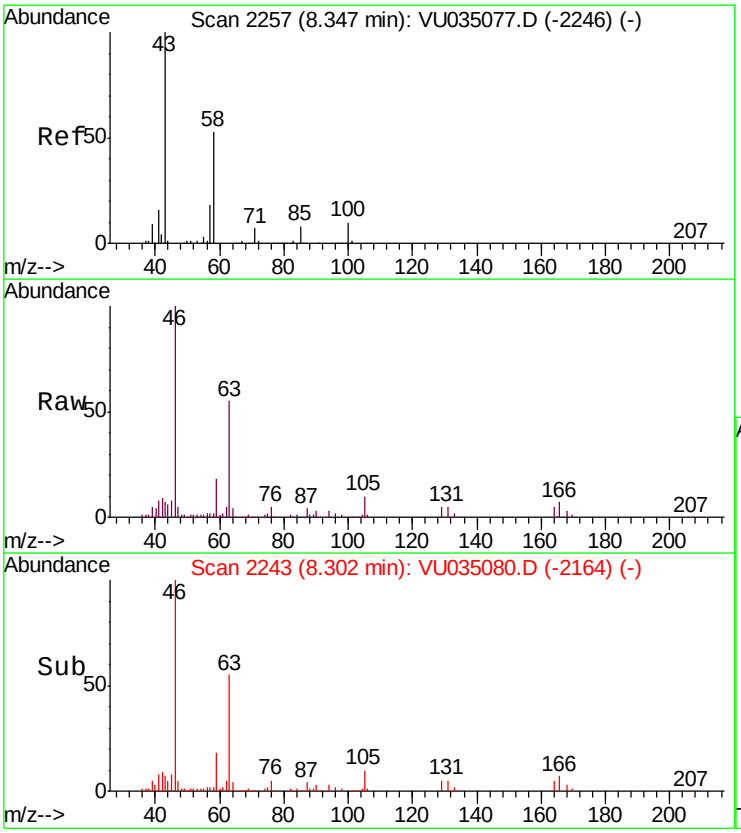
#47
Tetrachloroethene
Concen: 112.183 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion:164 Resp: 1164817

Ion	Ratio	Lower	Upper
164	100		
129	97.3	68.5	127.1
131	93.6	67.3	124.9
166	125.9	93.1	172.9

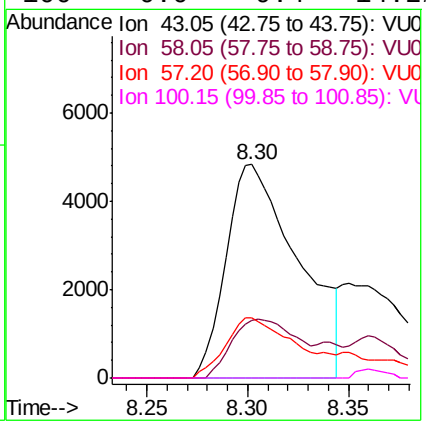


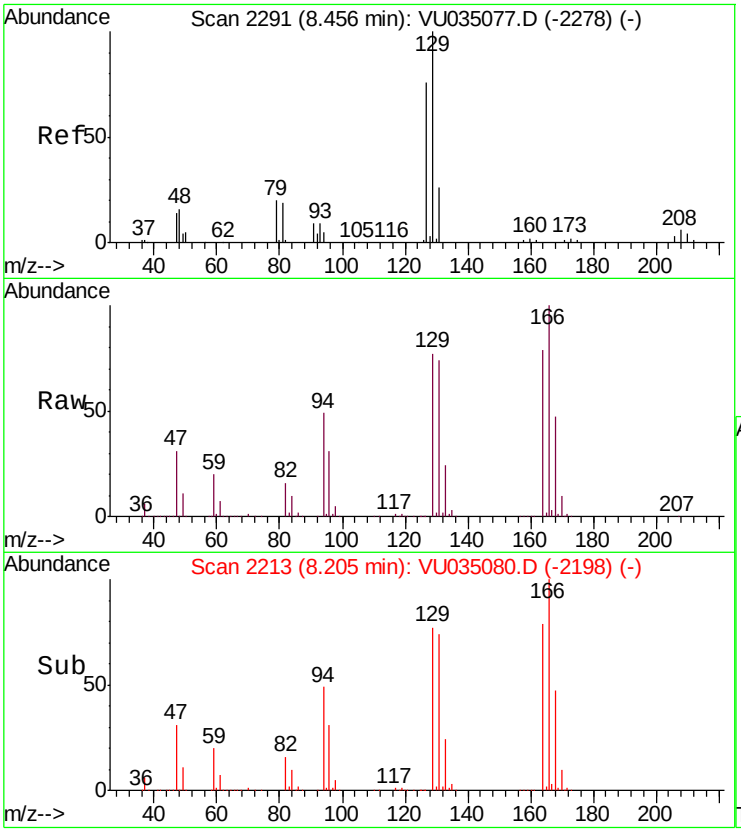


#48
2-Hexanone
Concen: 2.090 ug/L
RT: 8.30 min Scan# 2243
Delta R.T. -0.05 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 43 Resp: 12098

Ion	Ratio	Lower	Upper
43	100		
58	24.4	44.1	66.1#
57	28.1	15.8	23.8#
100	0.0	9.4	14.2#



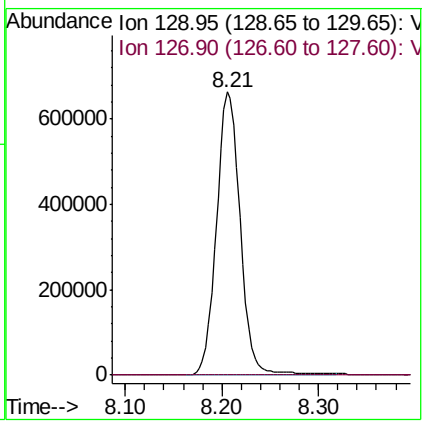


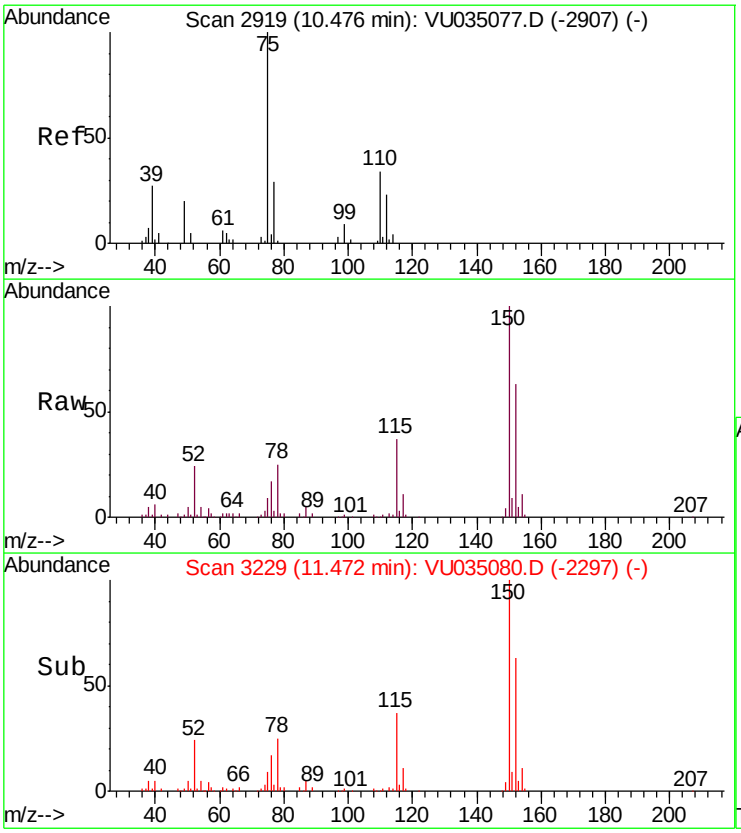
#49
Dibromochloromethane
Concen: 109.853 ug/L
RT: 8.21 min Scan# 2213
Delta R.T. -0.25 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Instrument :
MSVOA_U
ClientSampleId :
OU2-MW-5-001-01

Tgt Ion:129 Resp: 1131135

Ion	Ratio	Lower	Upper
129	100		
127	0.0	51.9	96.5#





#59
1,2,3-Trichloropropane
Concen: 0.896 ug/L
RT: 11.47 min Scan# 3229
Delta R.T. 1.00 min
Lab File: VU035080.D
Acq: 11 Oct 2019 11:11

Tgt Ion: 75 Resp: 7783

Ion	Ratio	Lower	Upper
75	100		
77	37.3	26.5	39.7