Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036050.D
Acq On : 09 Dec 2019 16:24
Operator : JC/MD
Sample : K6105-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE34RE

Quant Time: Dec 10 01:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	229225	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	234760	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	51059	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	109070	5.34	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 106.80%			
7) Chloroethane-d5	1.93	69	126468	5.90	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 118.00%			
11) 1,1-Dichloroethene-d2	2.59	63	156874	4.20	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 84.00%			
20) 2-Butanone-d5	4.69	46	163063	46.84	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 93.68%			
24) Chloroform-d	5.11	84	165016	4.97	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 99.40%			
26) 1,2-Dichloroethane-d4	5.75	65	93905	5.47	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 109.40%			
32) Benzene-d6	5.77	84	339554	5.71	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 114.20%			
36) 1,2-Dichloropropane-d6	6.73	67	107497	6.00	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 120.00%			
41) Toluene-d8	7.93	98	270344	4.93	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 98.60%			
43) trans-1,3-Dichloropropene-	8.21	79	31210	4.18	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 83.60%			
46) 2-Hexanone-d5	8.70	63	129019	47.74	ug/L	0.03
Spiked Amount 50.000	Range 45 - 130		Recovery = 95.48%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	88778	5.39	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 107.80%			
64) 1,2-Dichlorobenzene-d4	12.22	152	61438	6.25	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 125.00%#			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.61	101	19458	0.877	ug/L	97
12) 1,1-Dichloroethene	2.61	96	5754	0.289	ug/L #	1
13) Acetone	2.66	43	9038	2.045	ug/L	98
19) 1,1-Dichloroethane	3.93	63	7444	0.244	ug/L	89
22) cis-1,2-Dichloroethene	4.72	96	14333	0.802	ug/L	89
25) Chloroform	5.14	83	18557	0.545	ug/L	90
29) 1,1,1-Trichloroethane	5.36	97	3103	0.117	ug/L #	83
34) Trichloroethene	6.58	95	100575	5.904	ug/L	98
35) Methylcyclohexane	6.73	83	25382	1.111	ug/L #	19
37) 1,2-Dichloropropane	6.74	63	11046	0.686	ug/L #	86
39) cis-1,3-Dichloropropene	7.60	75	2257	0.103	ug/L #	82
47) Tetrachloroethene	8.58	164	43022	2.656	ug/L	96
48) 2-Hexanone	8.71	43	15260	2.530	ug/L #	75
49) Dibromochloromethane	8.58	129	38054	2.262	ug/L #	12
59) 1,2,3-Trichloropropane	10.86	75	1175	0.102	ug/L	98

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036050.D
Acq On : 09 Dec 2019 16:24
Operator : JC/MD
Sample : K6105-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BFE34RE

Quant Time: Dec 10 01:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 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\VU120919\

Quantitation Report (Not Reviewed)

Data File : VU036050.D
Acq On : 09 Dec 2019 16:24
Operator : JC/MD
Sample : K6105-15
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument : MSVOA_U
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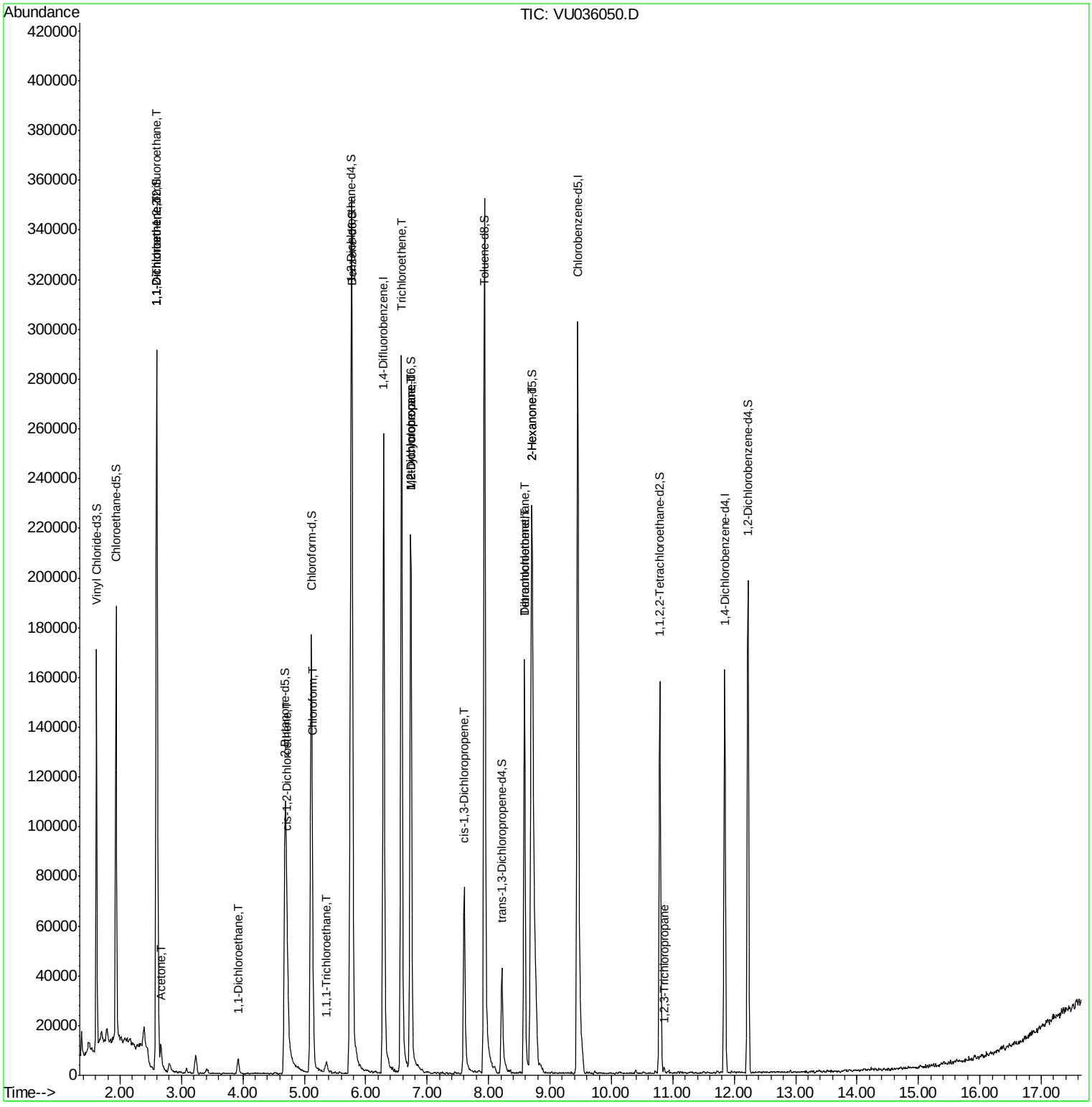
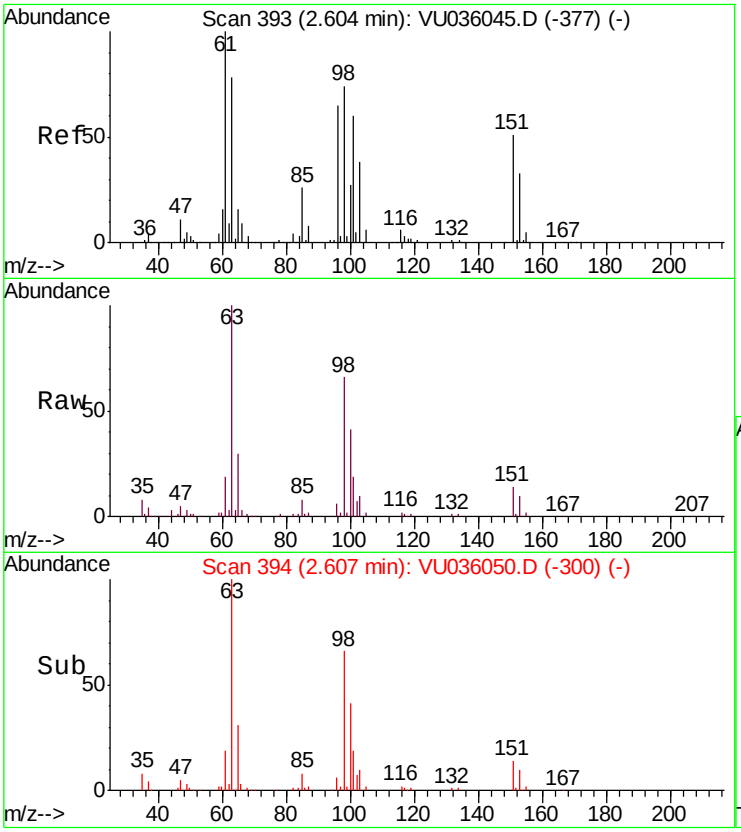
Quant Time: Dec 10 01:51:01 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR120919WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue Dec 10 01:47:47 2019
Response via : Initial Calibration



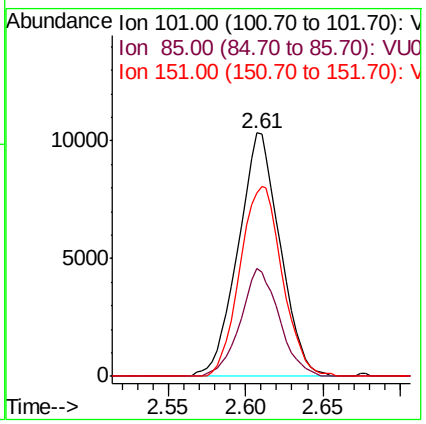


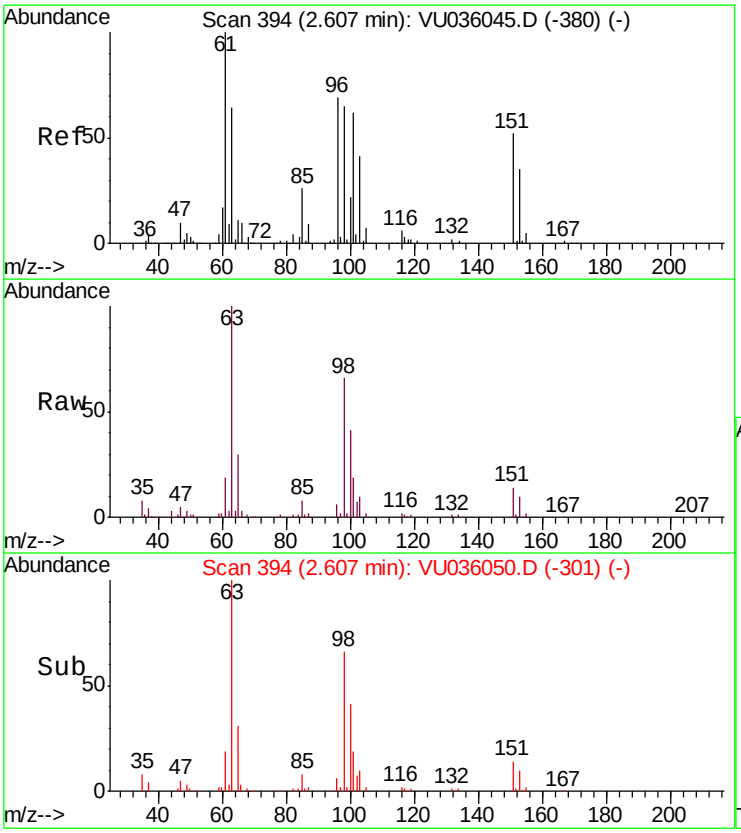
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.877 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument :
MSVOA_U
ClientSampleId :
BFE34RE

Tgt Ion:101 Resp: 19458

Ion	Ratio	Lower	Upper
101	100		
85	41.0	33.1	49.7
151	78.8	66.5	99.7

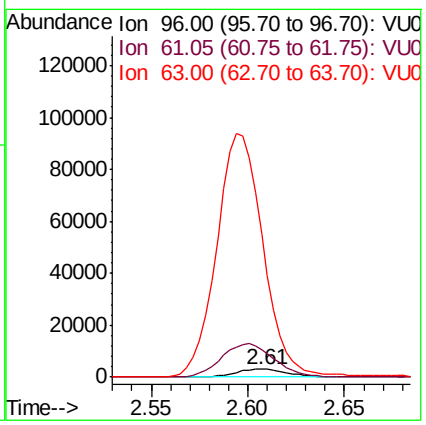


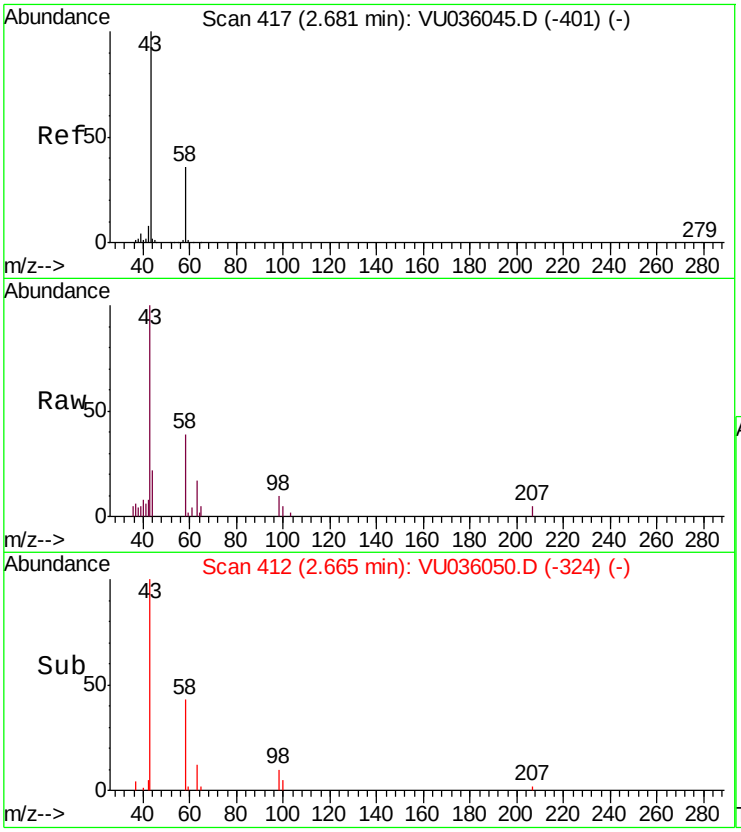


#12
1,1-Dichloroethene
Concen: 0.289 ug/L
RT: 2.61 min Scan# 394
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 96 Resp: 5754

Ion	Ratio	Lower	Upper
96	100		
61	346.8	104.3	193.7#
63	1817.0	65.6	121.8#



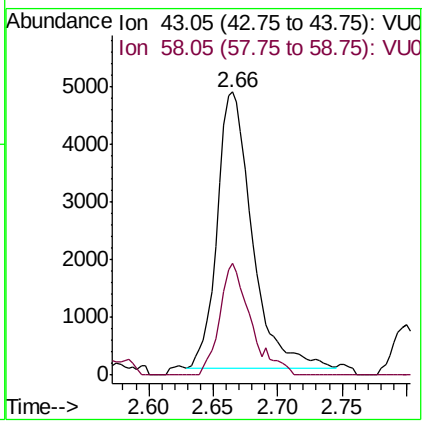


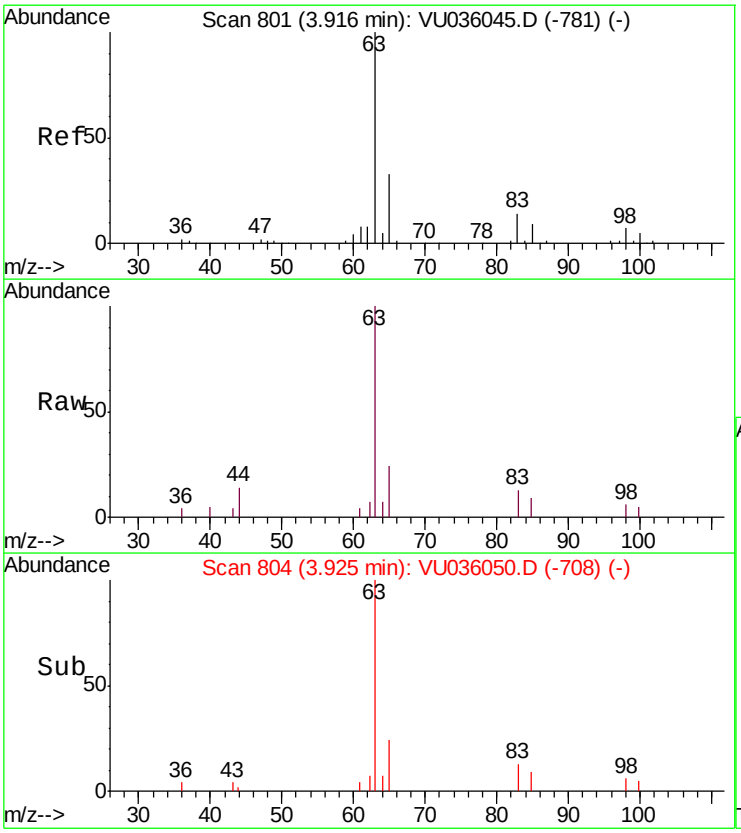
#13
Acetone
Concen: 2.045 ug/L
RT: 2.66 min Scan# 412
Delta R.T. -0.02 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument :
MSVOA_U
ClientSampleId :
BFE34RE

Tgt Ion: 43 Resp: 9038

Ion	Ratio	Lower	Upper
43	100		
58	36.0	0.0	74.2

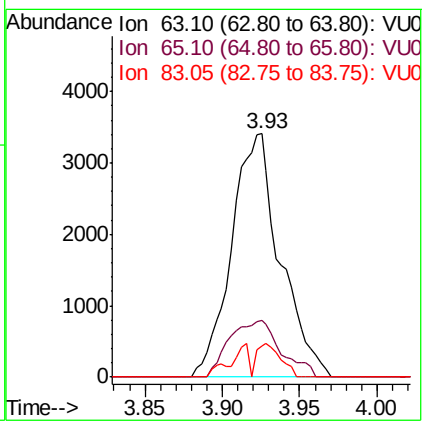


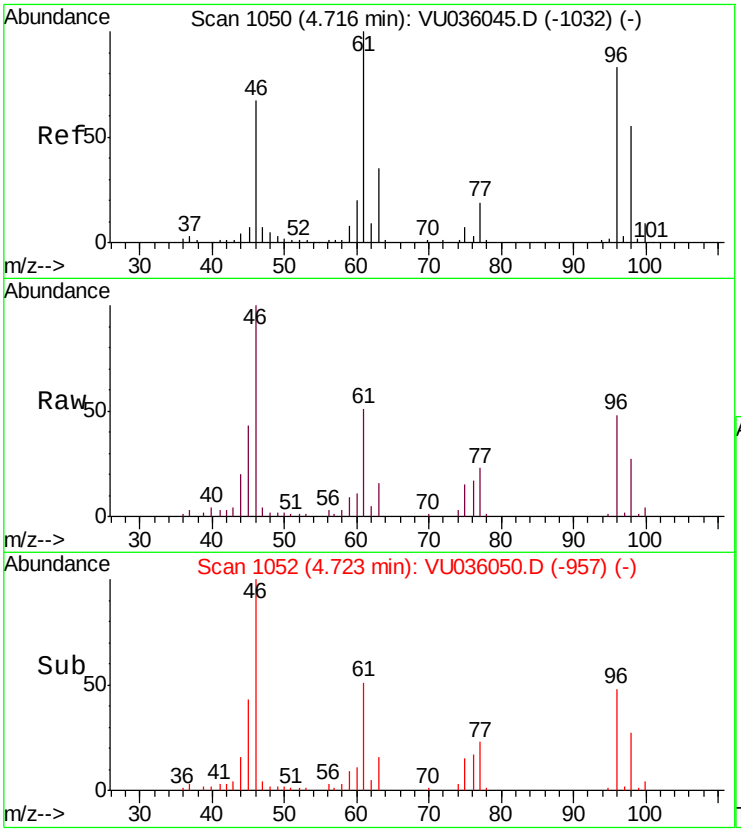


#19
1,1-Dichloroethane
Concen: 0.244 ug/L
RT: 3.93 min Scan# 804
Delta R.T. 0.01 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 63 Resp: 7444

Ion	Ratio	Lower	Upper
63	100		
65	23.5	21.8	40.4
83	12.8	10.1	18.9



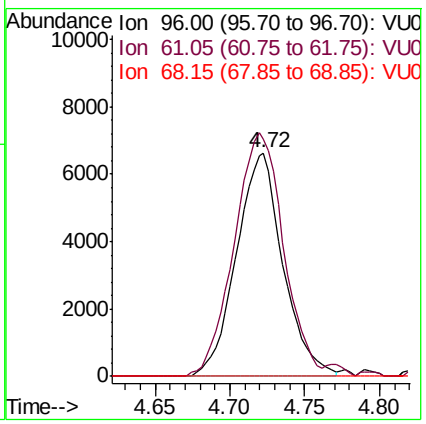


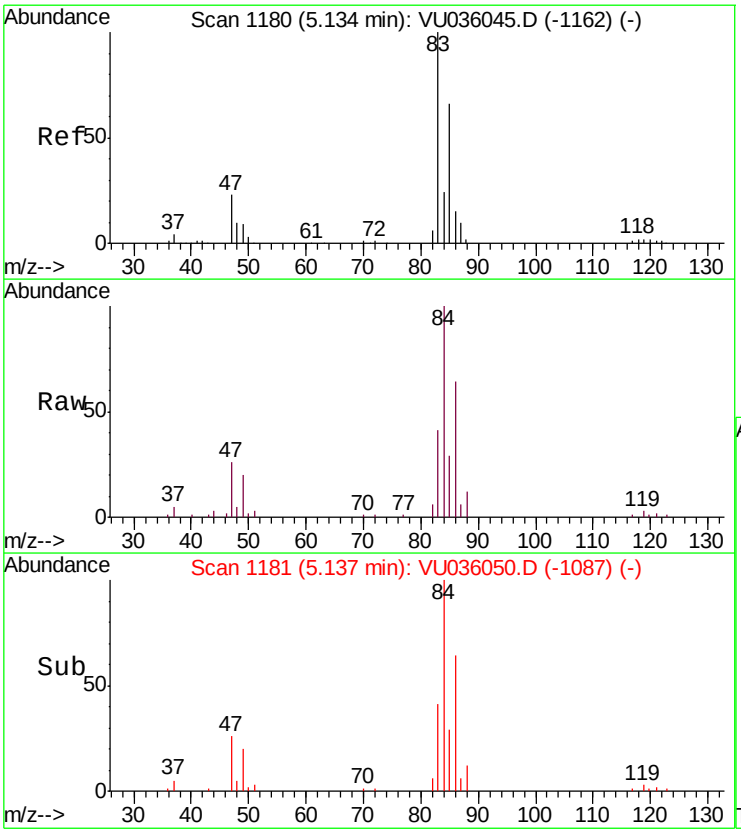
#22
cis-1,2-Dichloroethene
Concen: 0.802 ug/L
RT: 4.72 min Scan# 1052
Delta R.T. 0.01 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument :
MSVOA_U
ClientSampleId :
BFE34RE

Tgt Ion: 96 Resp: 14333

Ion	Ratio	Lower	Upper
96	100		
61	106.3	83.0	154.2
68	0.0	0.0	0.0

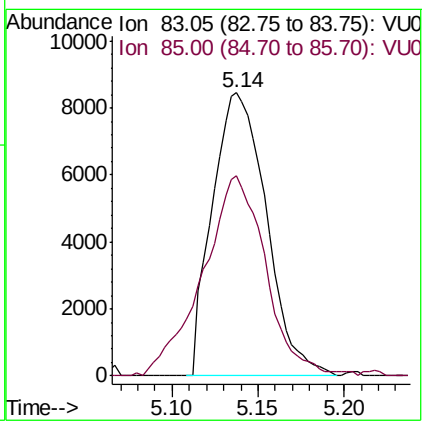


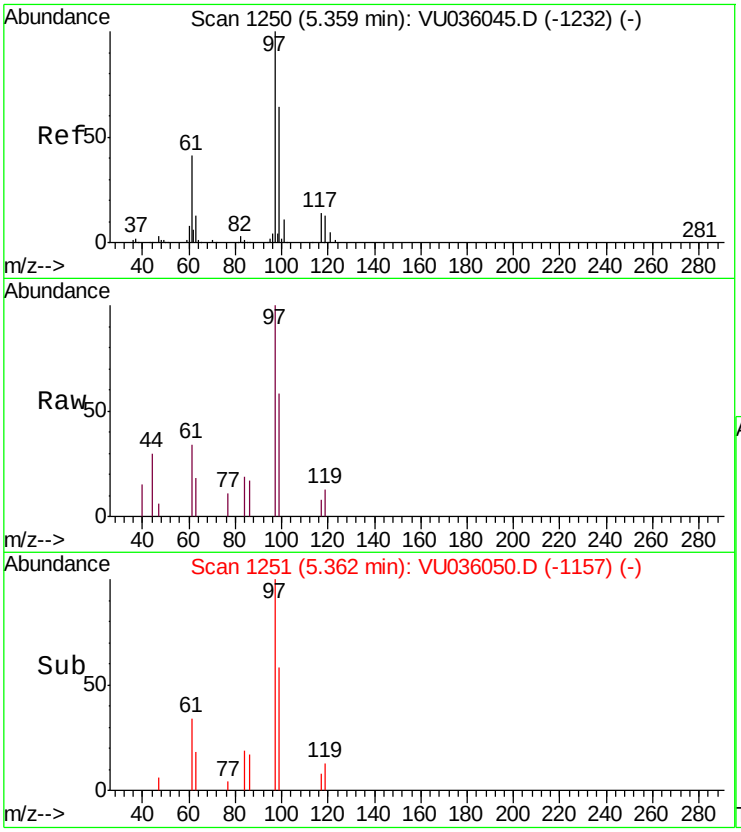


#25
Chloroform
Concen: 0.545 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 83 Resp: 18557

Ion	Ratio	Lower	Upper
83	100		
85	70.7	43.9	81.5



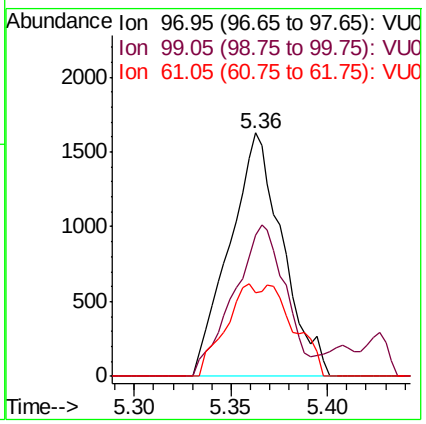


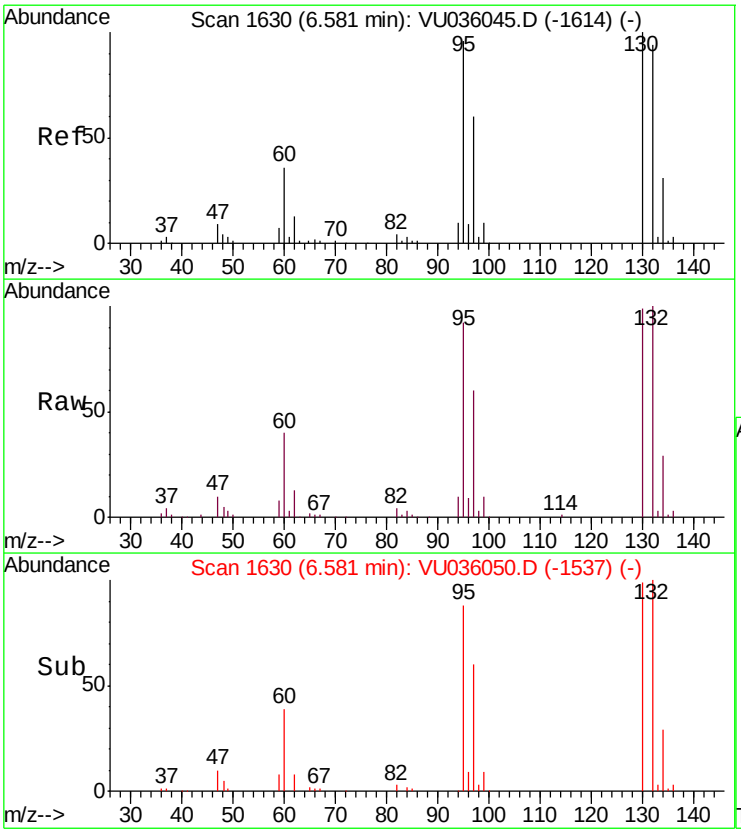
#29
1,1,1-Trichloroethane
Concen: 0.117 ug/L
RT: 5.36 min Scan# 1251
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument : MSVOA_U
ClientSampleId : BFE34RE

Tgt Ion: 97 Resp: 3103

Ion	Ratio	Lower	Upper
97	100		
99	60.8	52.2	78.2
61	22.1	34.7	52.1#

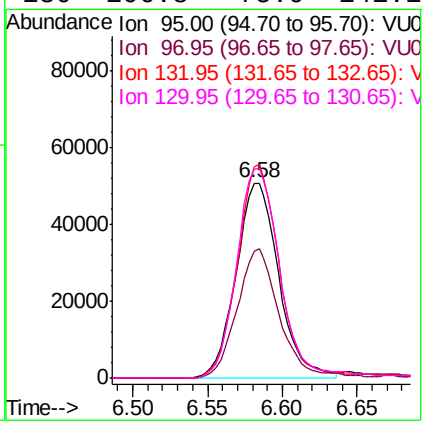


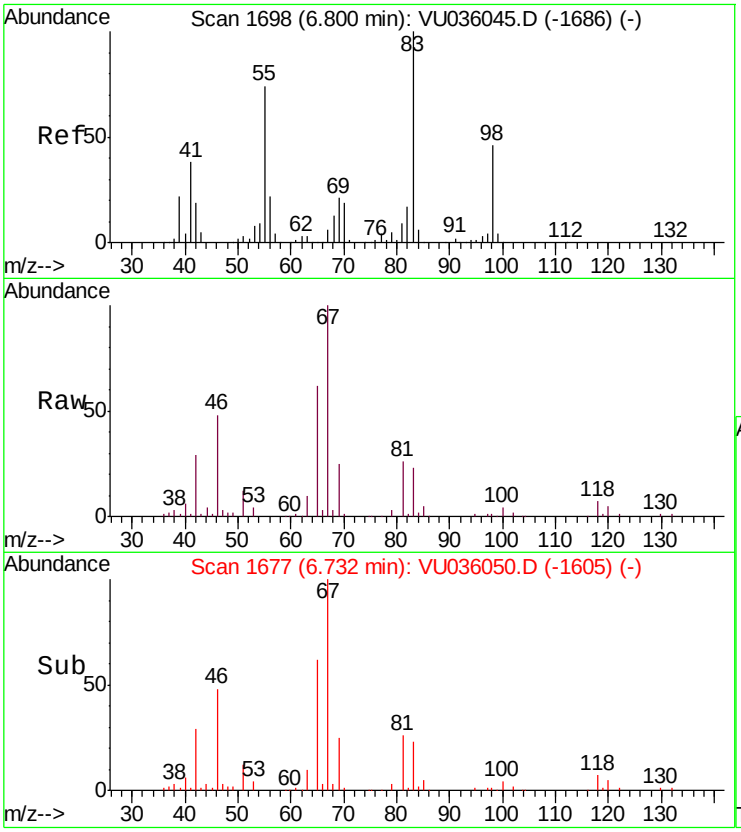


#34
Trichloroethene
Concen: 5.904 ug/L
RT: 6.58 min Scan# 1630
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 95 Resp: 100575

Ion	Ratio	Lower	Upper
95	100		
97	65.0	44.4	82.4
132	108.3	73.4	136.4
130	106.8	75.9	141.1



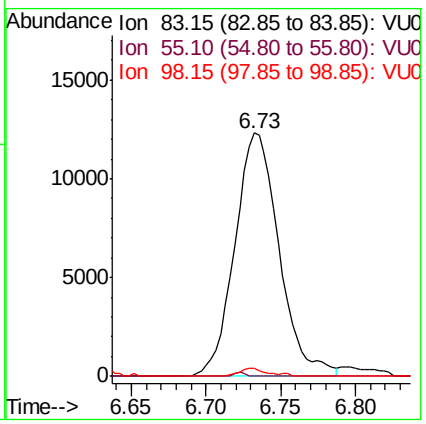


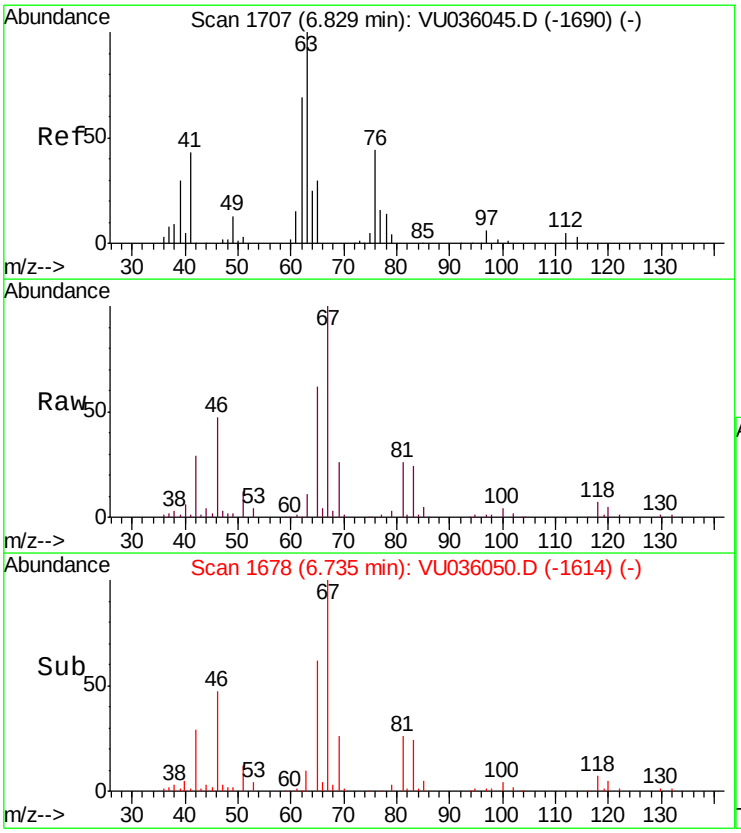
#35
Methylcyclohexane
Concen: 1.111 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument : MSVOA_U
ClientSampleId : BFE34RE

Tgt Ion: 83 Resp: 25382

Ion	Ratio	Lower	Upper
83	100		
55	0.4	62.1	93.1#
98	2.2	37.0	55.4#

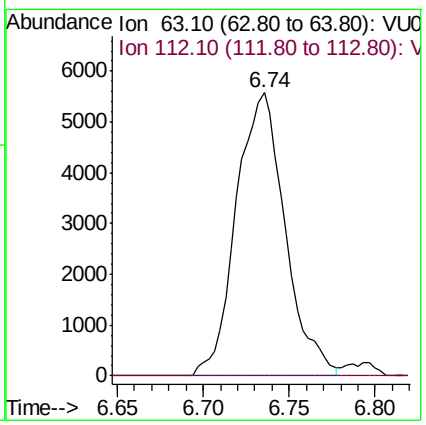


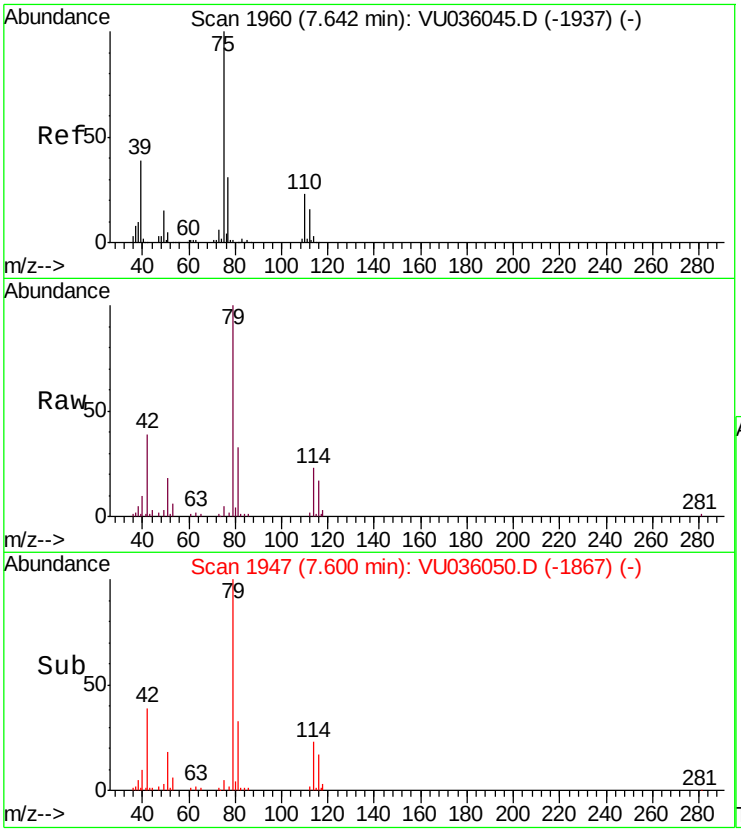


#37
1,2-Dichloropropane
Concen: 0.686 ug/L
RT: 6.74 min Scan# 1678
Delta R.T. -0.09 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion: 63 Resp: 11046

Ion	Ratio	Lower	Upper
63	100		
112	0.2	3.8	5.8#



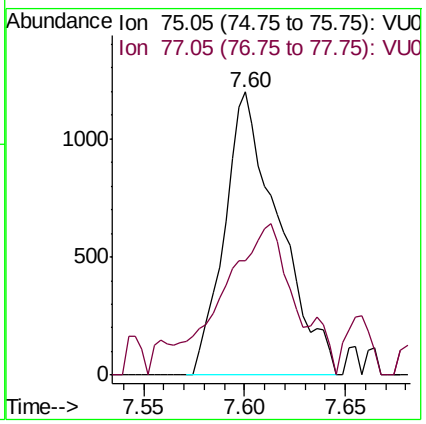


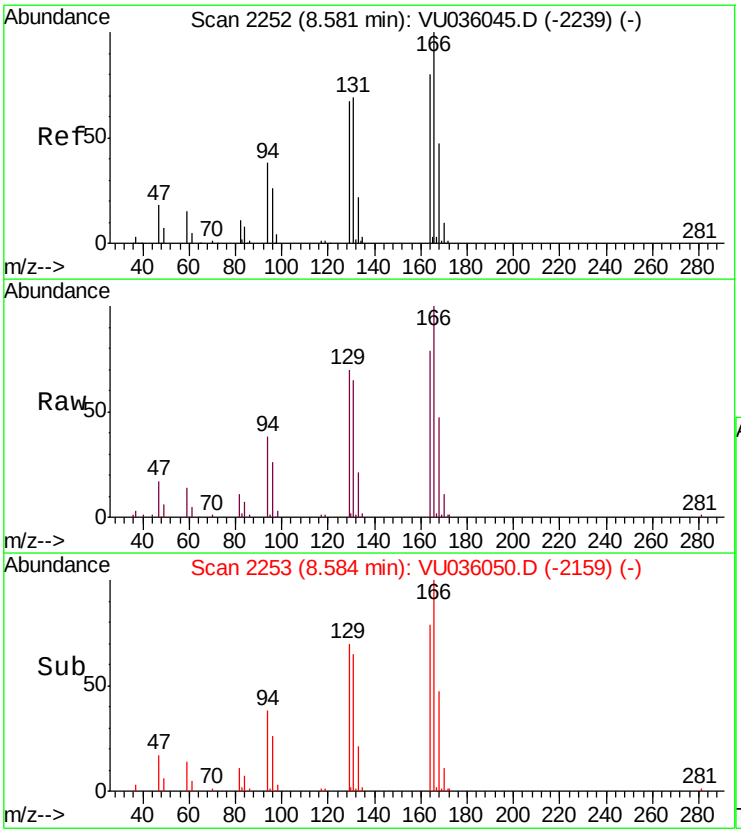
#39
cis-1,3-Dichloropropene
Concen: 0.103 ug/L
RT: 7.60 min Scan# 1947
Delta R.T. -0.04 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument :
MSVOA_U
ClientSampleId :
BFE34RE

Tgt Ion: 75 Resp: 2257

Ion	Ratio	Lower	Upper
75	100		
77	40.7	21.7	40.3#

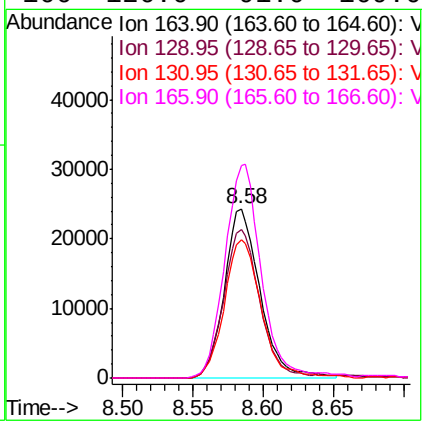


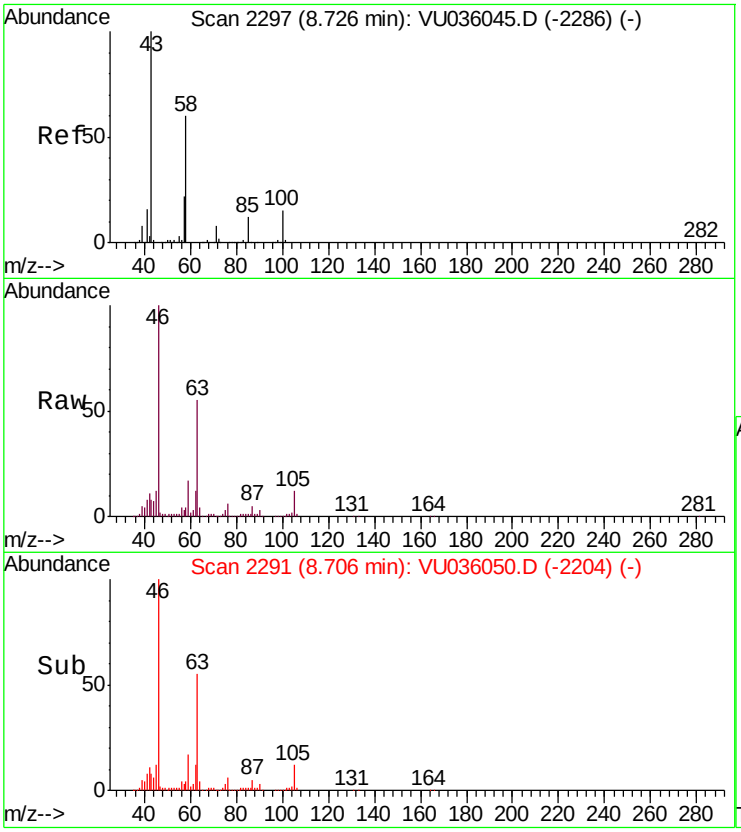


#47
Tetrachloroethene
Concen: 2.656 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion:164 Resp: 43022

Ion	Ratio	Lower	Upper
164	100		
129	88.0	63.1	117.3
131	81.6	61.5	114.1
166	126.0	91.0	169.0



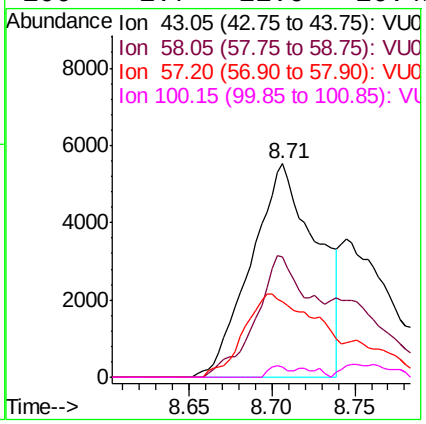


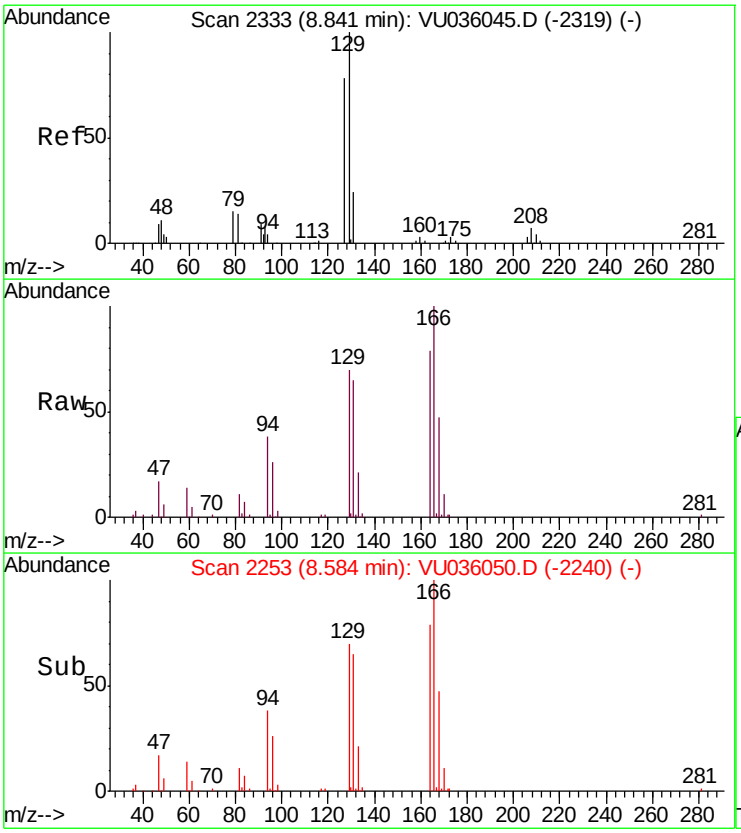
#48
2-Hexanone
Concen: 2.530 ug/L
RT: 8.71 min Scan# 2291
Delta R.T. -0.02 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument : MSVOA_U
ClientSampleId : BFE34RE

Tgt Ion: 43 Resp: 15260

Ion	Ratio	Lower	Upper
43	100		
58	47.3	46.9	70.3
57	44.3	16.4	24.6#
100	1.7	11.0	16.4#

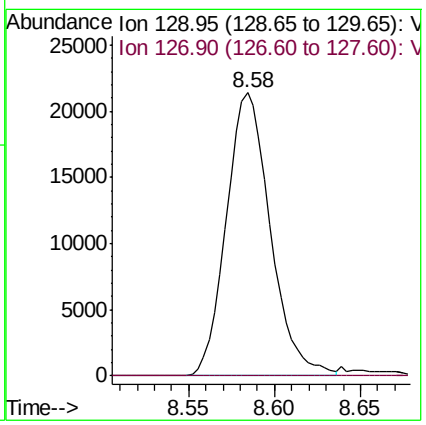


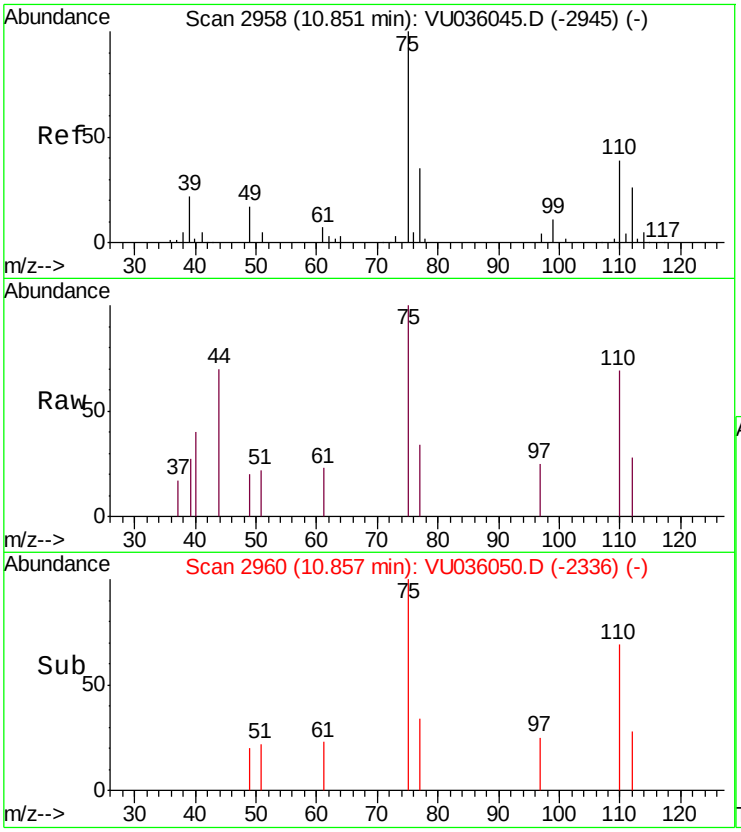


#49
Dibromochloromethane
Concen: 2.262 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Tgt Ion:129 Resp: 38054

Ion	Ratio	Lower	Upper
129	100		
127	0.0	52.5	97.5#





#59
1,2,3-Trichloropropane
Concen: 0.102 ug/L
RT: 10.86 min Scan# 2960
Delta R.T. 0.01 min
Lab File: VU036050.D
Acq: 09 Dec 2019 16:24

Instrument :
MSVOA_U
ClientSampleId :
BFE34RE

Tgt Ion: 75 Resp: 1175

Ion	Ratio	Lower	Upper
75	100		
77	34.8	26.7	40.1