Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU112719\
Data File : VU035894.D
Acq On : 27 Nov 2019 14:10
Operator : JC/SP
Sample : K6057-08
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Nov 28 05:01:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR112119WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Thu Nov 28 04:57:50 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	232241	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	277581	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	81464	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	131903	4.35	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 87.00%			
7) Chloroethane-d5	1.93	69	123526	4.70	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 94.00%			
11) 1,1-Dichloroethene-d2	2.59	63	166180	2.95	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 59.00%#			
20) 2-Butanone-d5	4.69	46	286394	40.79	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 81.58%			
24) Chloroform-d	5.11	84	215176	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	5.75	65	131683	4.57	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 91.40%			
32) Benzene-d6	5.77	84	438489	4.14	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 82.80%			
36) 1,2-Dichloropropane-d6	6.73	67	152831	4.28	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 85.60%			
41) Toluene-d8	7.93	98	341699	3.50	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 70.00%			
43) trans-1,3-Dichloropropene-	8.21	79	52840	3.80	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 76.00%			
46) 2-Hexanone-d5	8.68	63	281398	50.42	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 100.84%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	128354	4.27	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 85.40%			
64) 1,2-Dichlorobenzene-d4	12.22	152	89033	5.03	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 100.60%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	2.16	101	8276	0.184	ug/L	98
13) Acetone	2.67	43	15025	2.437	ug/L	97
17) Methyl tert-butyl Ether	3.42	73	6698	0.115	ug/L #	86
22) cis-1,2-Dichloroethene	4.73	96	6404	0.242	ug/L	99
25) Chloroform	5.14	83	18659	0.359	ug/L	98
34) Trichloroethene	6.58	95	6697	0.236	ug/L	97
35) Methylcyclohexane	6.73	83	34720	0.833	ug/L #	14
37) 1,2-Dichloropropane	6.73	63	16530	0.503	ug/L #	90
45) 1,1,2-Trichloroethane	8.59	97	4537	0.212	ug/L #	4
47) Tetrachloroethene	8.58	164	501433	23.195	ug/L	97
48) 2-Hexanone	8.69	43	45817	3.085	ug/L #	70
49) Dibromochloromethane	8.58	129	484439	19.176	ug/L #	12
59) 1,2,3-Trichloropropane	11.84	75	11222	0.525	ug/L	92

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

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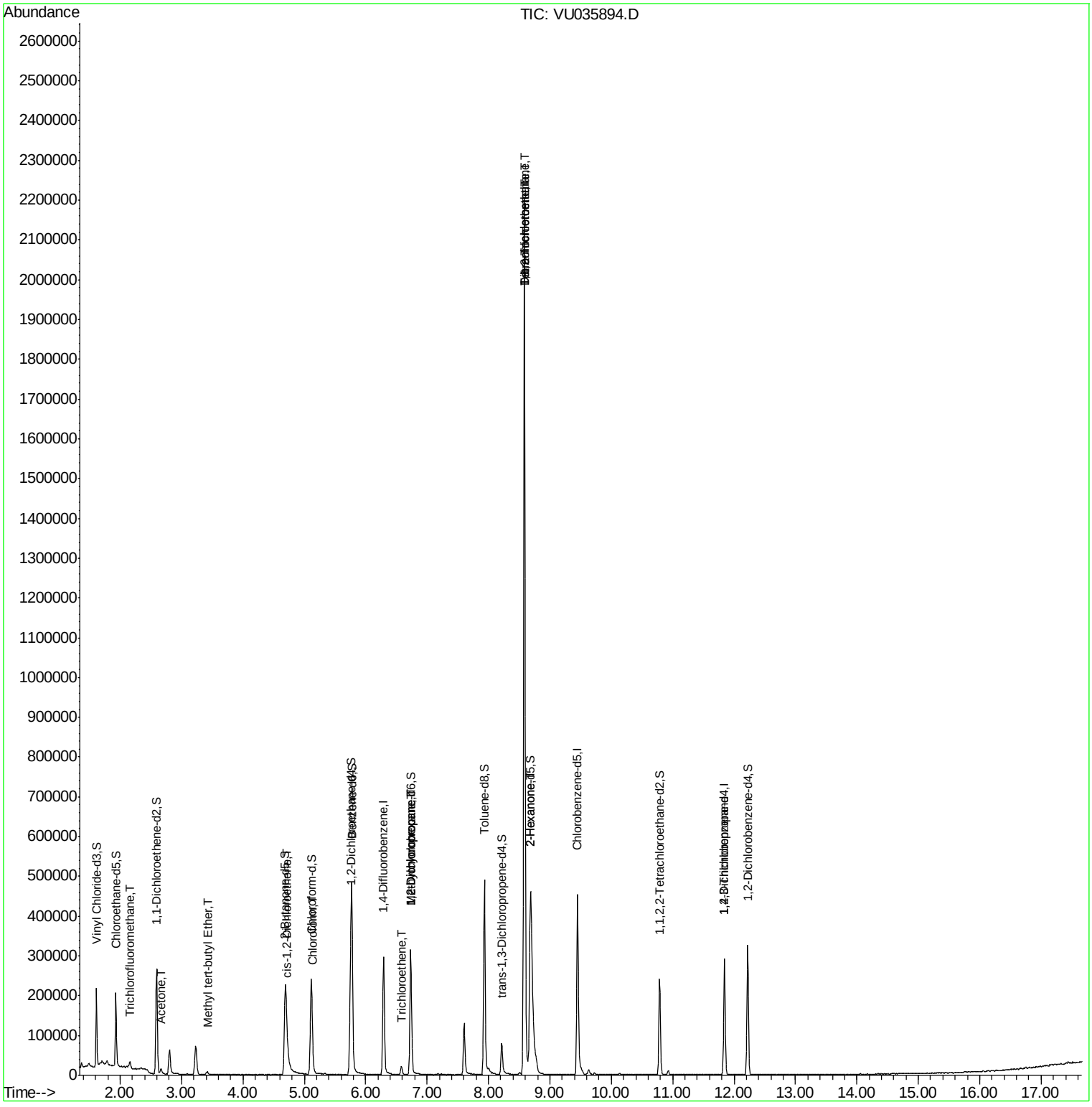
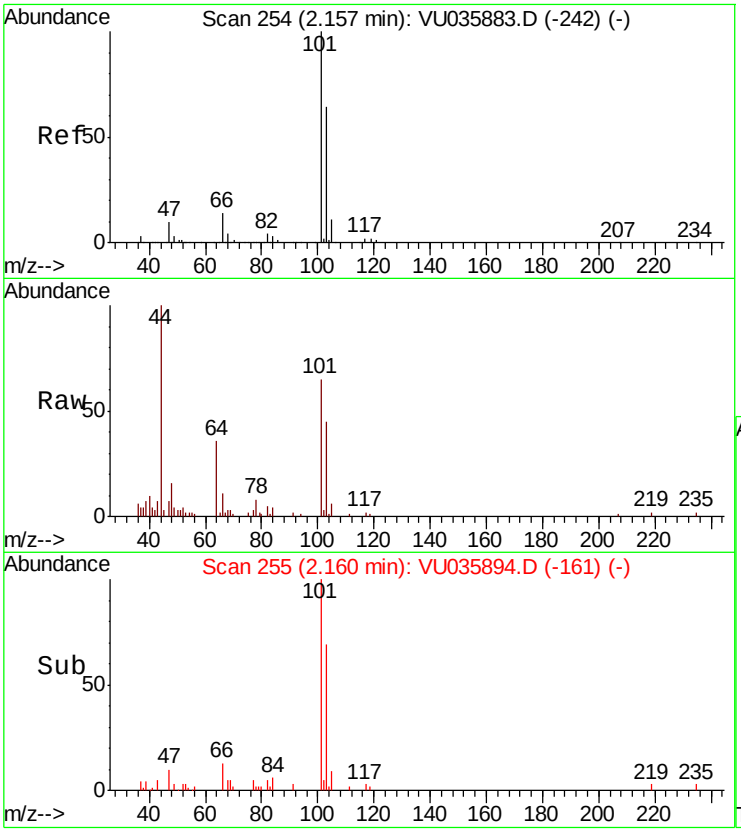


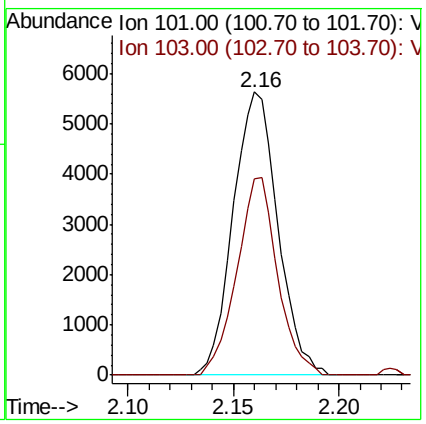


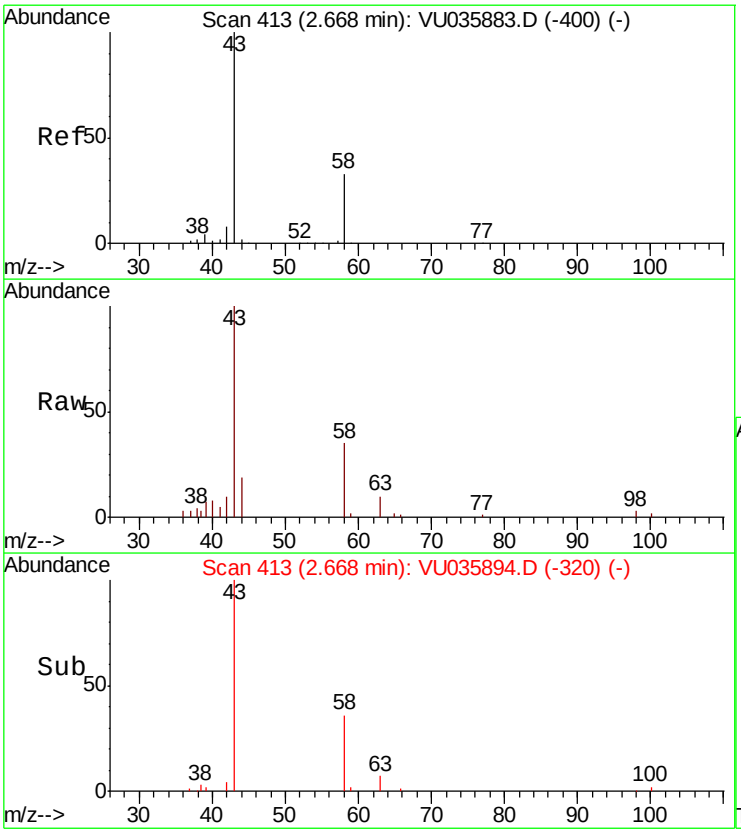
#9
Trichlorofluoromethane
Concen: 0.184 ug/L
RT: 2.16 min Scan# 255
Delta R.T. 0.00 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 8276

Ion	Ratio	Lower	Upper
101	100		
103	63.6	49.8	74.6

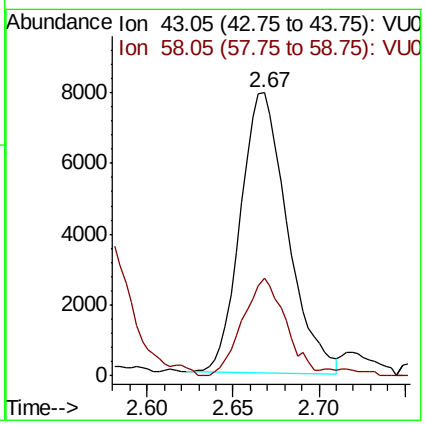


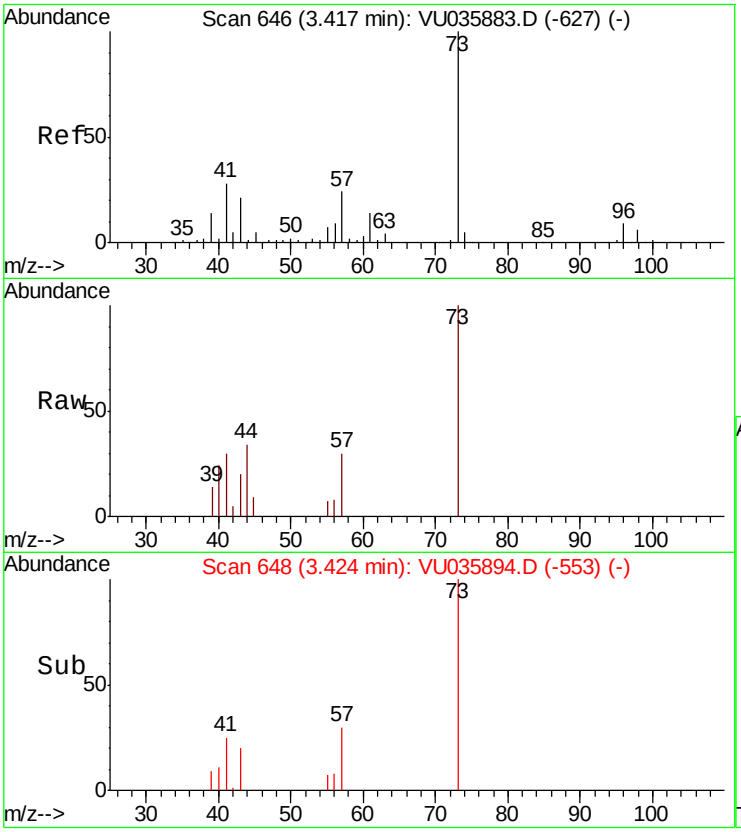


#13
Acetone
Concen: 2.437 ug/L
RT: 2.67 min Scan# 413
Delta R.T. 0.00 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion: 43 Resp: 15025

Ion	Ratio	Lower	Upper
43	100		
58	32.0	0.0	61.2



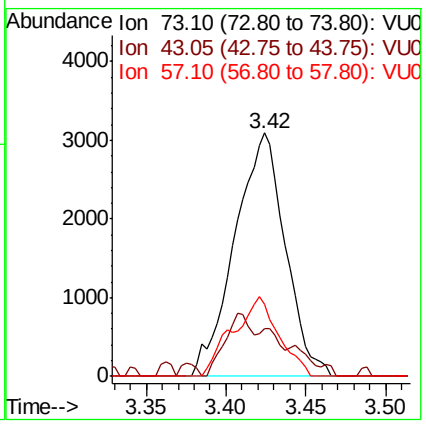


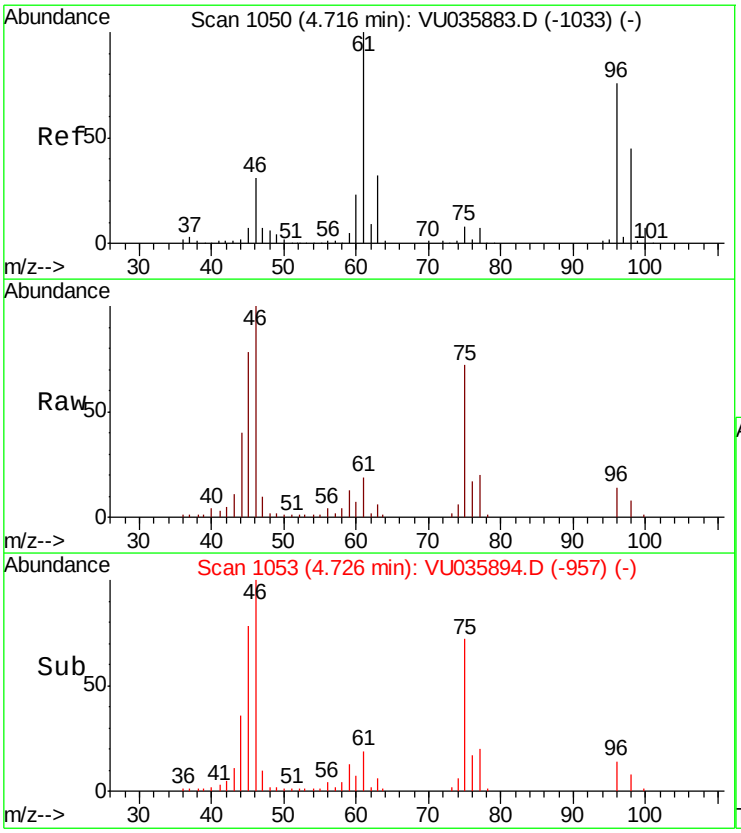
#17
Methyl tert-butyl Ether
Concen: 0.115 ug/L
RT: 3.42 min Scan# 648
Delta R.T. 0.01 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 73 Resp: 6698

Ion	Ratio	Lower	Upper
73	100		
43	13.6	17.4	26.2#
57	29.6	19.4	29.0#

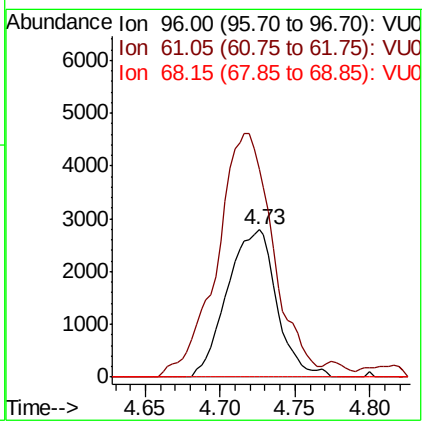


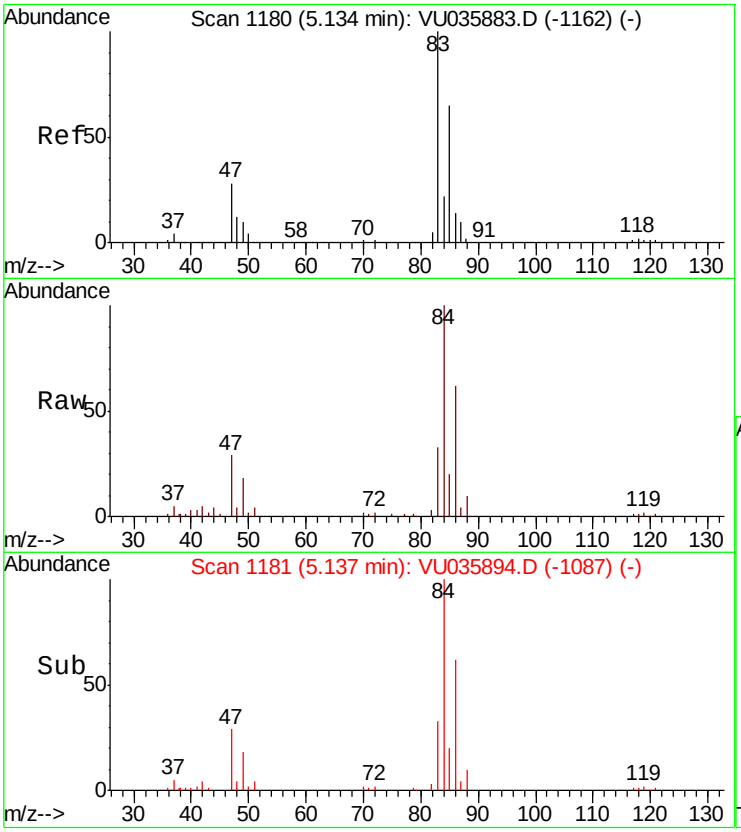


#22
cis-1,2-Dichloroethene
Concen: 0.242 ug/L
RT: 4.73 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion: 96 Resp: 6404

Ion	Ratio	Lower	Upper
96	100		
61	141.1	98.1	182.1
68	0.0	0.0	0.0



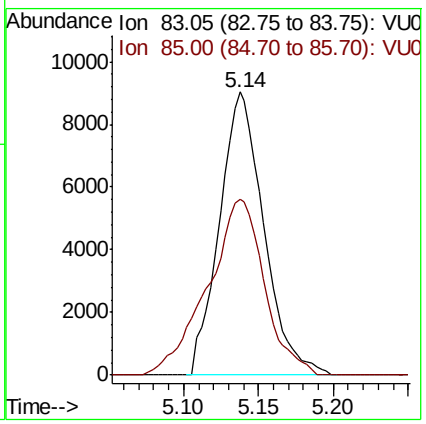


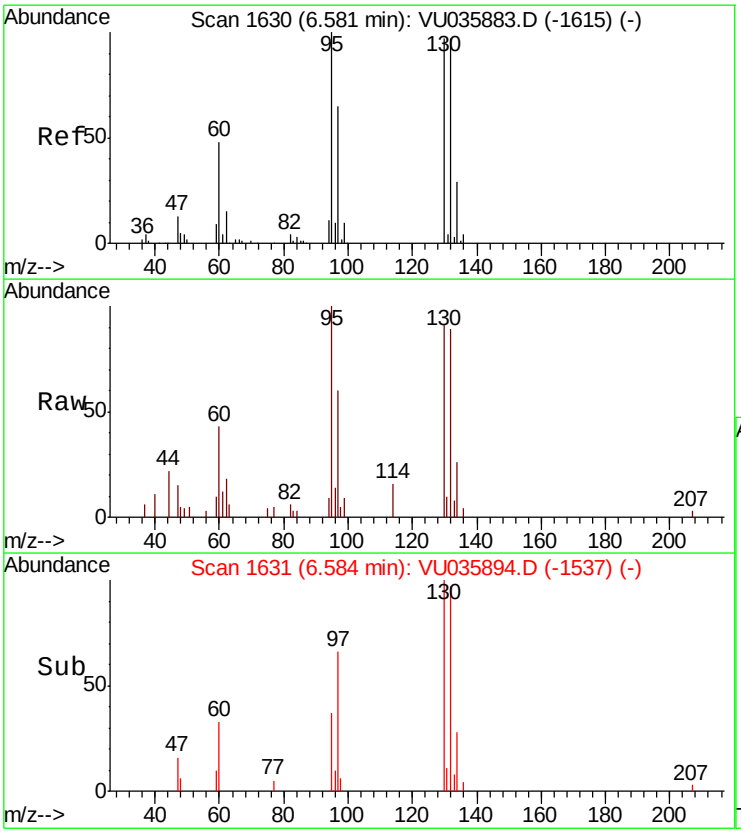
#25
Chloroform
Concen: 0.359 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. 0.00 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 18659

Ion	Ratio	Lower	Upper
83	100		
85	62.3	44.6	82.8

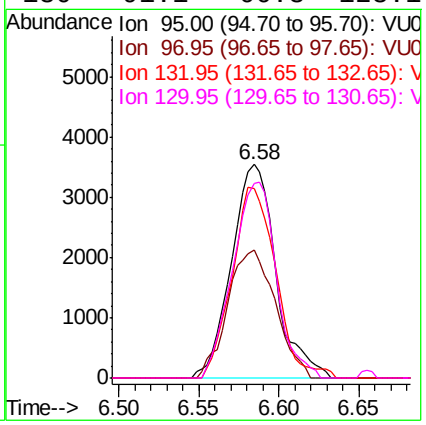


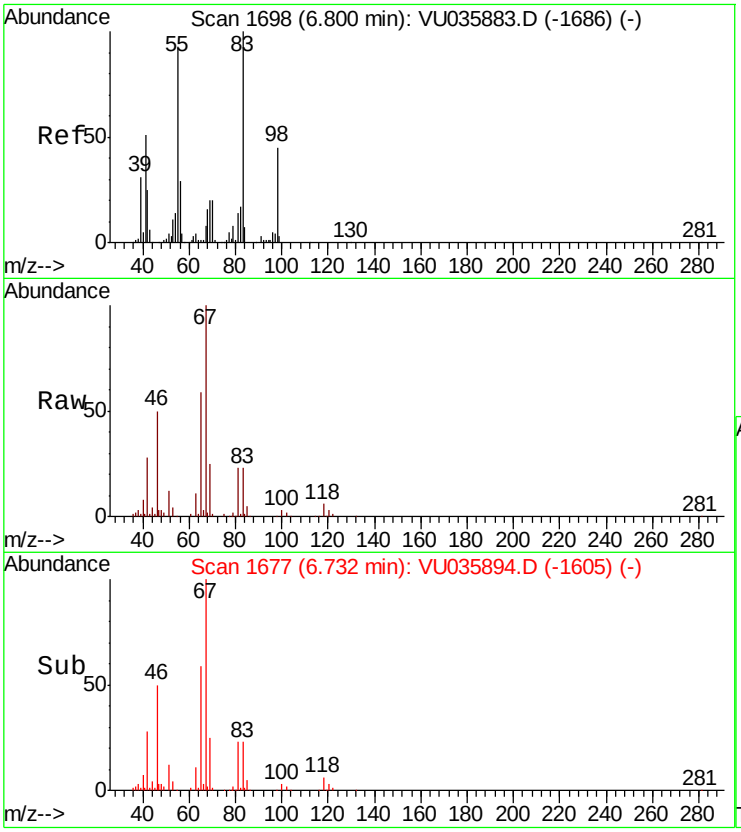


#34
Trichloroethene
Concen: 0.236 ug/L
RT: 6.58 min Scan# 1631
Delta R.T. 0.00 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion: 95 Resp: 6697

Ion	Ratio	Lower	Upper
95	100		
97	59.8	45.1	83.9
132	88.7	61.9	114.9
130	91.1	66.3	123.1



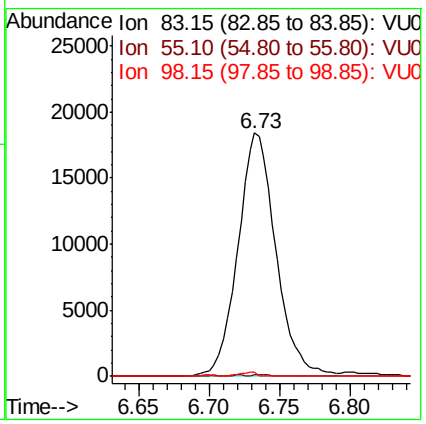


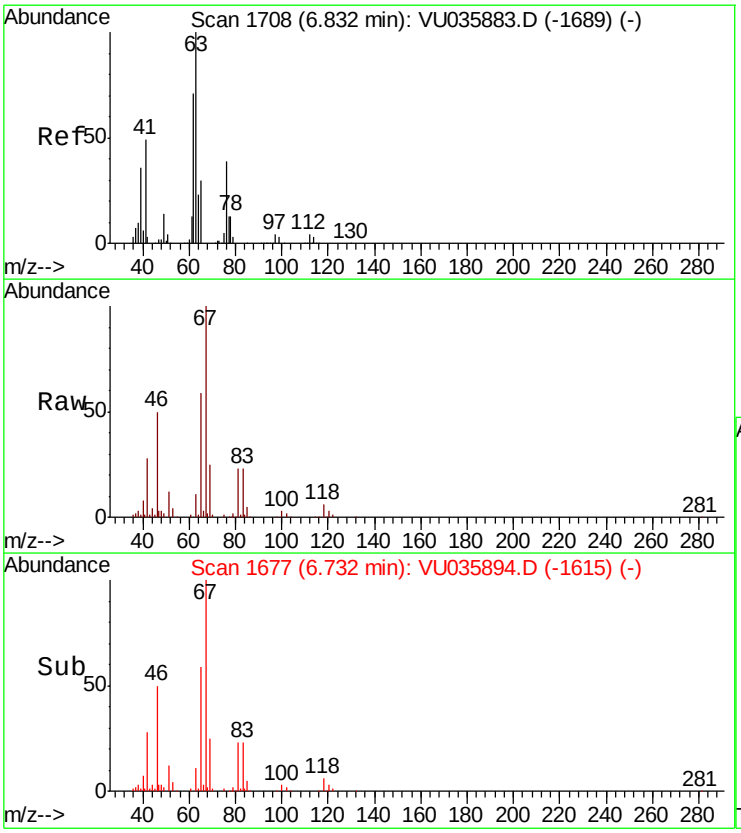
#35
Methylcyclohexane
Concen: 0.833 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.07 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 83 Resp: 34720

Ion	Ratio	Lower	Upper
83	100		
55	0.3	72.7	109.1#
98	0.8	36.2	54.4#

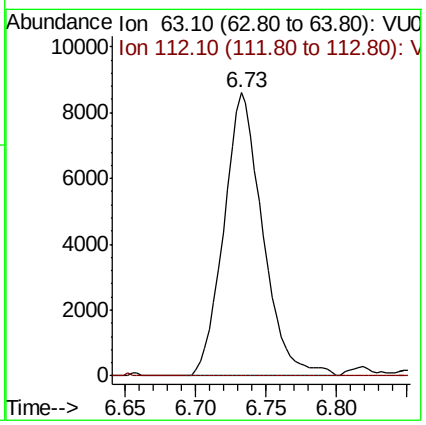


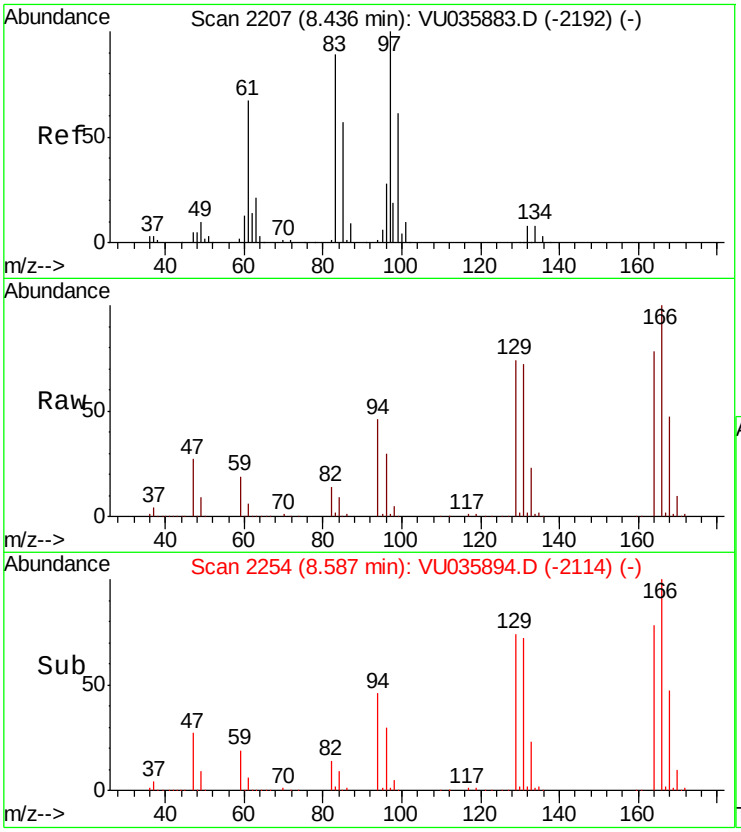


#37
1,2-Dichloropropane
Concen: 0.503 ug/L
RT: 6.73 min Scan# 1677
Delta R.T. -0.10 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion: 63 Resp: 16530

Ion	Ratio	Lower	Upper
63	100		
112	0.1	2.7	4.1#



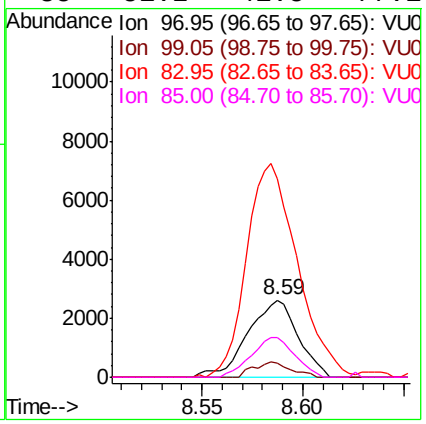


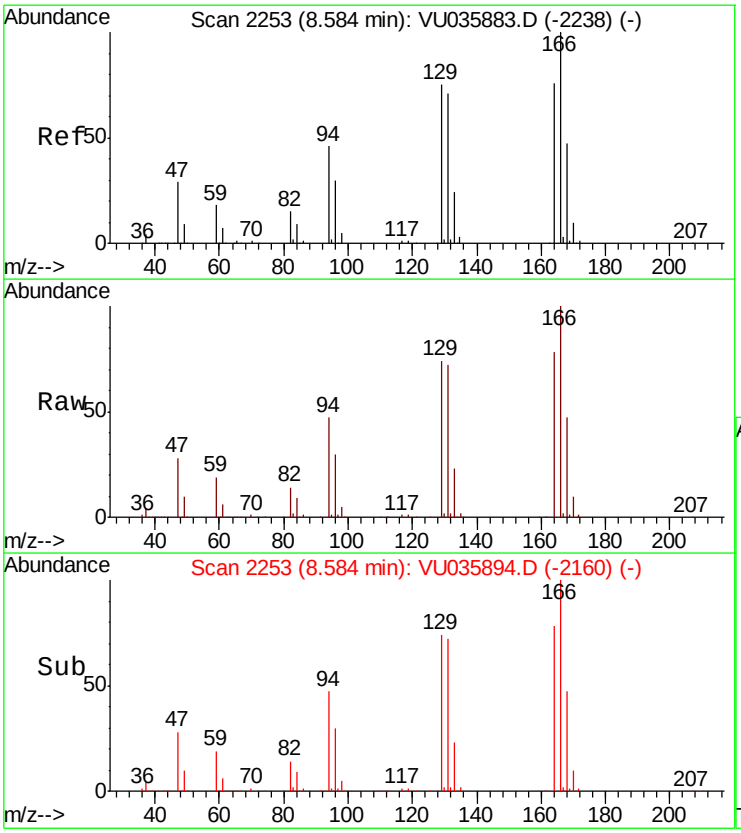
#45
1,1,2-Trichloroethane
Concen: 0.212 ug/L
RT: 8.59 min Scan# 2254
Delta R.T. 0.15 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 97 Resp: 4537

Ion	Ratio	Lower	Upper
97	100		
99	17.9	44.2	82.0#
83	256.4	62.2	115.6#
85	51.2	41.5	77.1

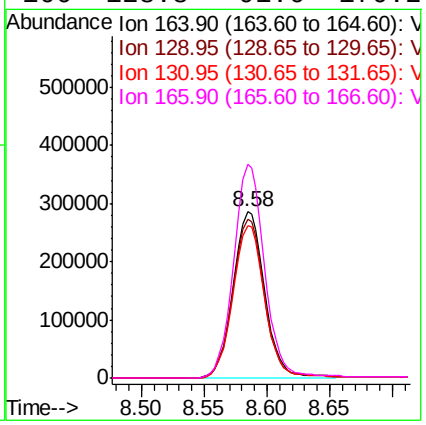


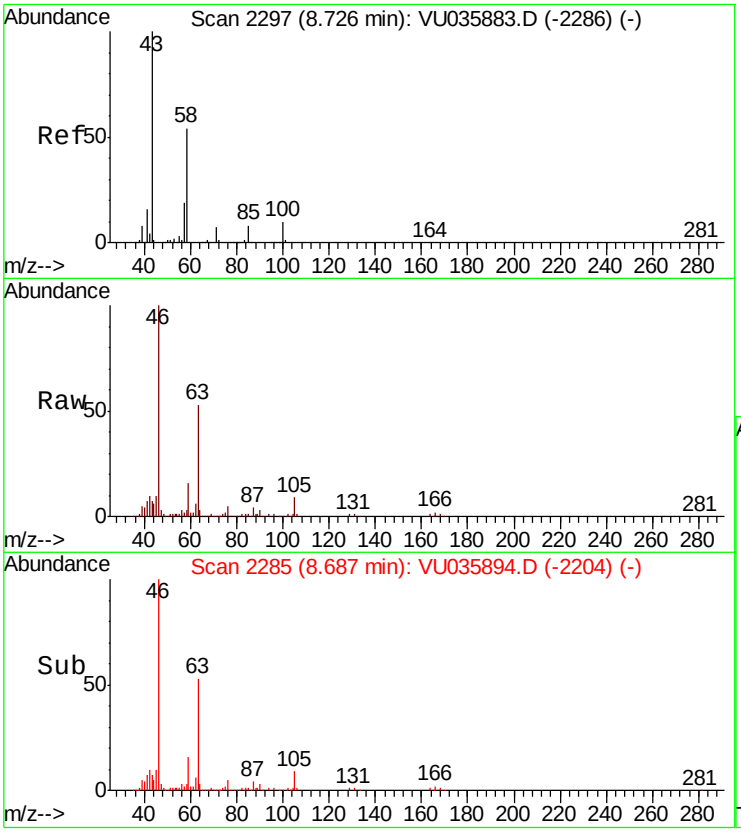


#47
Tetrachloroethene
Concen: 23.195 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. 0.00 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion:164 Resp: 501433

Ion	Ratio	Lower	Upper
164	100		
129	95.7	68.8	127.8
131	92.2	67.3	124.9
166	128.8	91.6	170.2



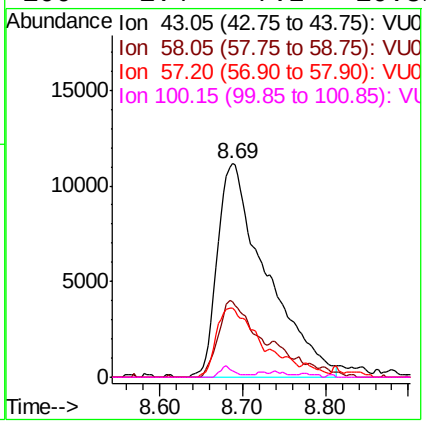


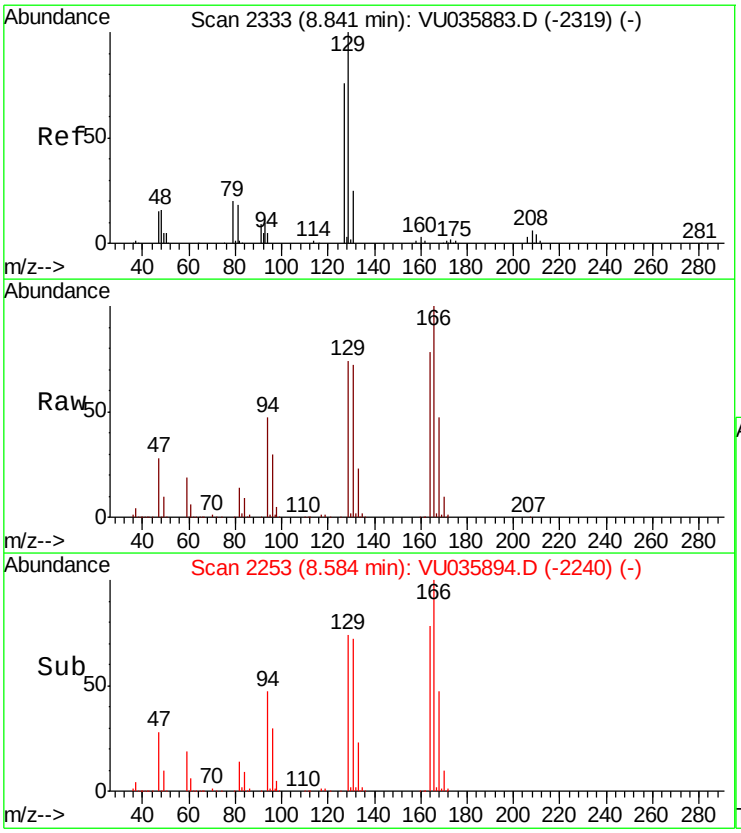
#48
2-Hexanone
Concen: 3.085 ug/L
RT: 8.69 min Scan# 2285
Delta R.T. -0.04 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 43 Resp: 45817

Ion	Ratio	Lower	Upper
43	100		
58	25.1	39.8	59.8#
57	24.4	14.0	21.0#
100	1.4	7.2	10.8#

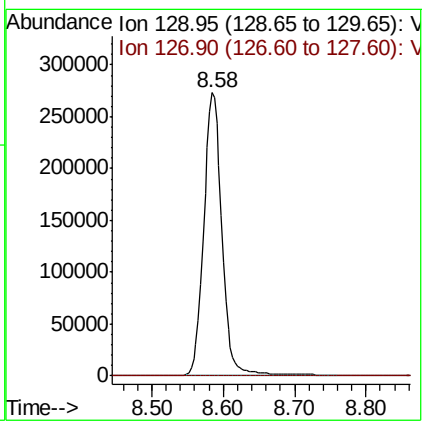


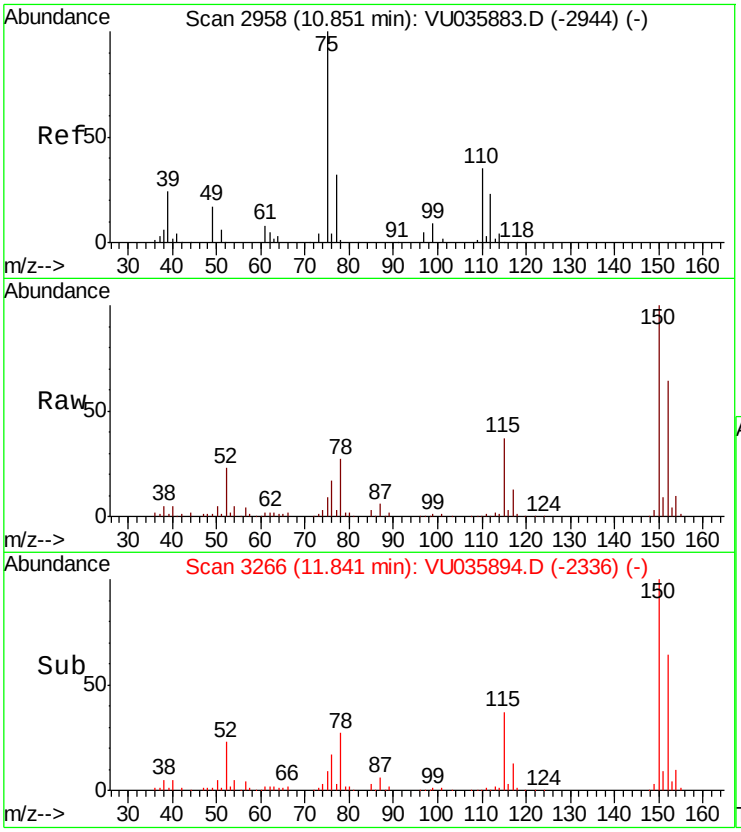


#49
Dibromochloromethane
Concen: 19.176 ug/L
RT: 8.58 min Scan# 2253
Delta R.T. -0.26 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Tgt Ion:129 Resp: 484439

Ion	Ratio	Lower	Upper
129	100		
127	0.0	53.1	98.5#





#59
1,2,3-Trichloropropane
Concen: 0.525 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035894.D
Acq: 27 Nov 2019 14:10

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 11222

Ion	Ratio	Lower	Upper
75	100		
77	36.5	25.4	38.2