Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

Quantitation Report (Not Reviewed)

Data File : VU032137.D
Acq On : 18 May 2019 07:05
Operator : JC/SP
Sample : K2860-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W39

Quant Time: May 20 05:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	358593	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	376671	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	141862	5.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	107981	3.57	ug/L	0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 71.40%			
7) Chloroethane-d5	1.68	69	93140	3.61	ug/L	0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 72.20%			
11) 1,1-Dichloroethene-d2	2.27	63	154955	3.22	ug/L	0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 64.40%			
20) 2-Butanone-d5	4.20	46	233585	39.39	ug/L	0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 78.78%			
24) Chloroform-d	4.64	84	222409	4.19	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.80%			
26) 1,2-Dichloroethane-d4	5.31	65	108973	3.98	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 79.60%			
32) Benzene-d6	5.33	84	442703	3.85	ug/L	0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 77.00%			
36) 1,2-Dichloropropane-d6	6.33	67	130954	3.90	ug/L	0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 78.00%			
41) Toluene-d8	7.56	98	365342	3.61	ug/L	0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 72.20%			
43) trans-1,3-Dichloropropene-	7.85	79	39986	3.31	ug/L	0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 66.20%			
46) 2-Hexanone-d5	8.31	63	205807	37.69	ug/L	0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 75.38%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	111572	4.06	ug/L	0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 81.20%			
64) 1,2-Dichlorobenzene-d4	11.85	152	143006	4.76	ug/L	0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 95.20%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2773	0.161	ug/L #	73
12) 1,1-Dichloroethene	2.27	96	1841	0.128	ug/L #	1
13) Acetone	2.34	43	59391	30.506	ug/L	97
15) Methyl Acetate	2.34	43	47878	8.577	ug/L #	42
21) 2-Butanone	4.31	43	2742	0.981	ug/L	85
27) 1,2-Dichloroethane	5.34	62	1958	0.130	ug/L #	73
34) Trichloroethene	6.19	95	7657	0.488	ug/L	94
35) Methylcyclohexane	6.33	83	32717	1.448	ug/L #	20
37) 1,2-Dichloropropane	6.33	63	13461	0.952	ug/L #	87
47) Tetrachloroethene	8.22	164	7520	0.641	ug/L #	80
48) 2-Hexanone	8.37	43	11039	2.171	ug/L #	79
49) Dibromochloromethane	8.22	129	6157	0.511	ug/L #	10
59) 1,2,3-Trichloropropane	10.22	75	1285	0.143	ug/L #	42

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

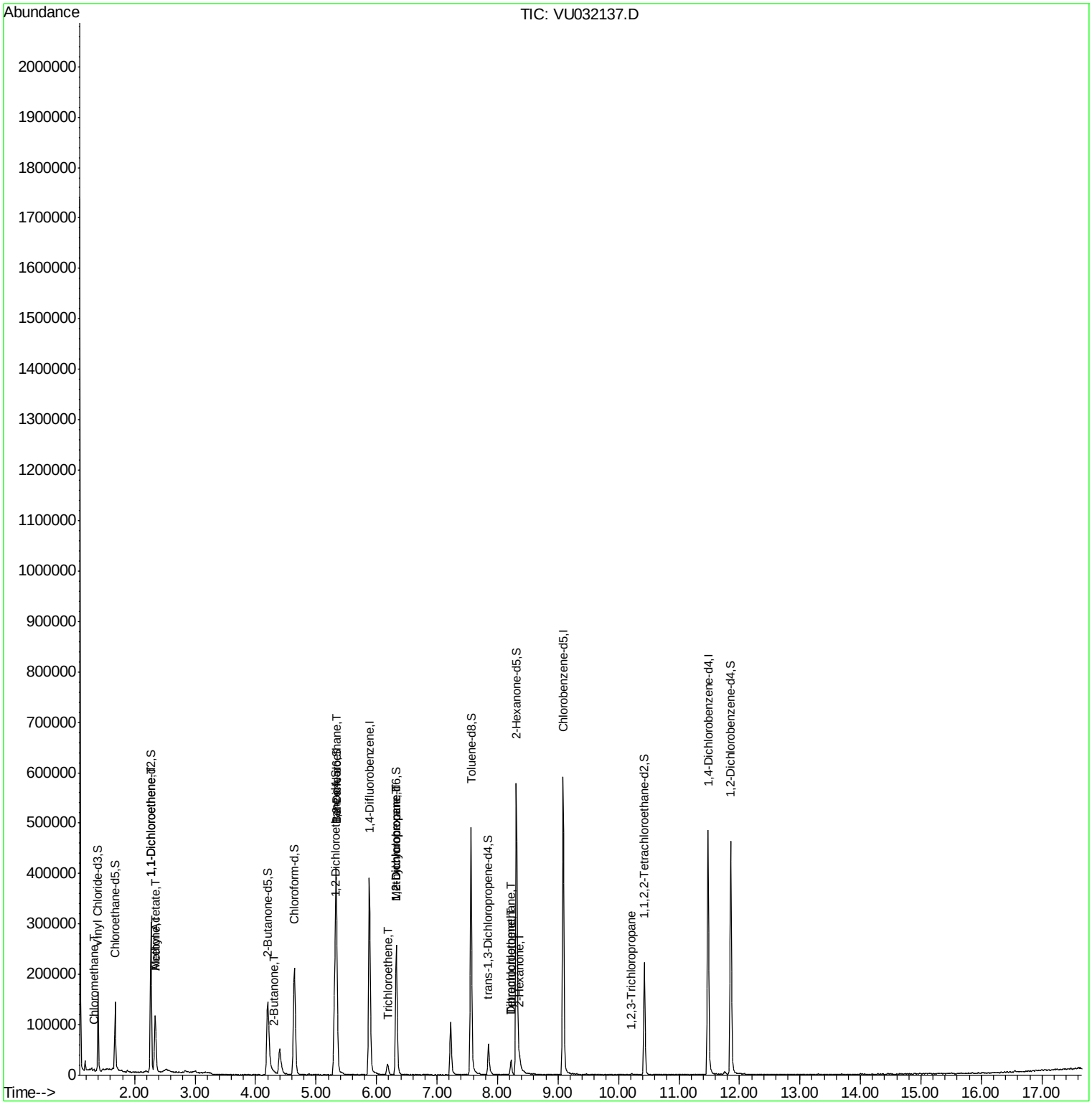
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051719\

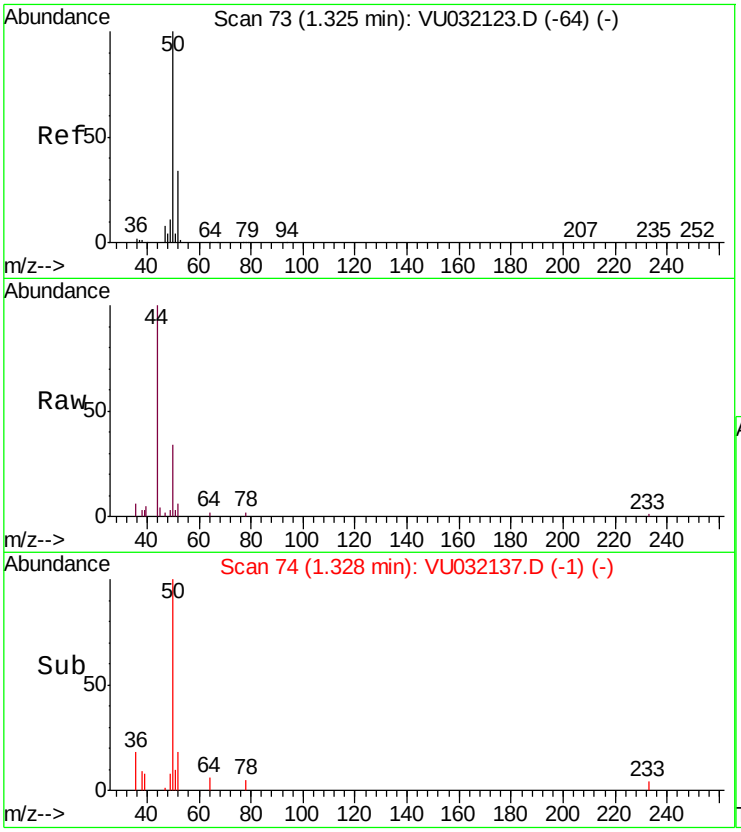
Quantitation Report (Not Reviewed)

Data File : VU032137.D
Acq On : 18 May 2019 07:05
Operator : JC/SP
Sample : K2860-12
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W39

Quant Time: May 20 05:00:13 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Mon May 20 04:57:10 2019
Response via : Initial Calibration



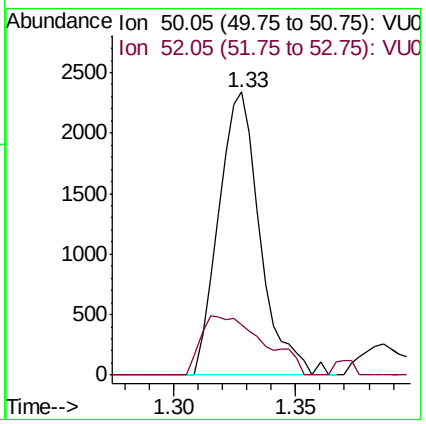


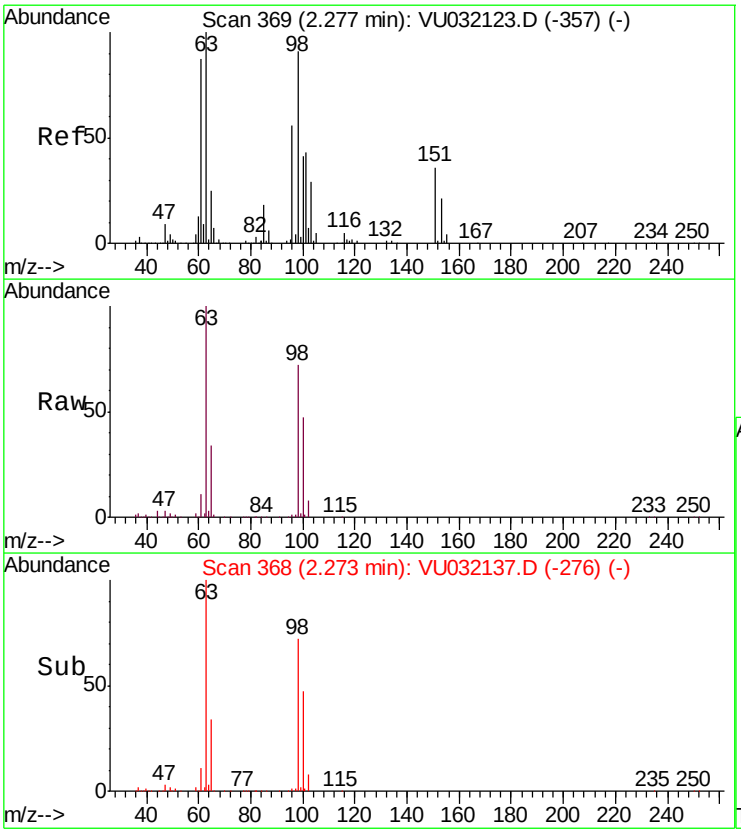
#3
Chloromethane
Concen: 0.161 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument : MSVOA_U
ClientSampleId : F9W39

Tgt Ion: 50 Resp: 2773

Ion	Ratio	Lower	Upper
50	100		
52	18.0	23.2	43.0#

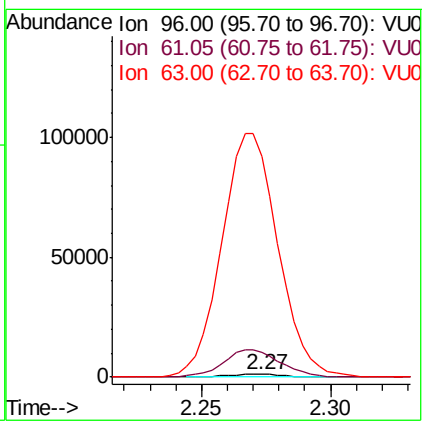


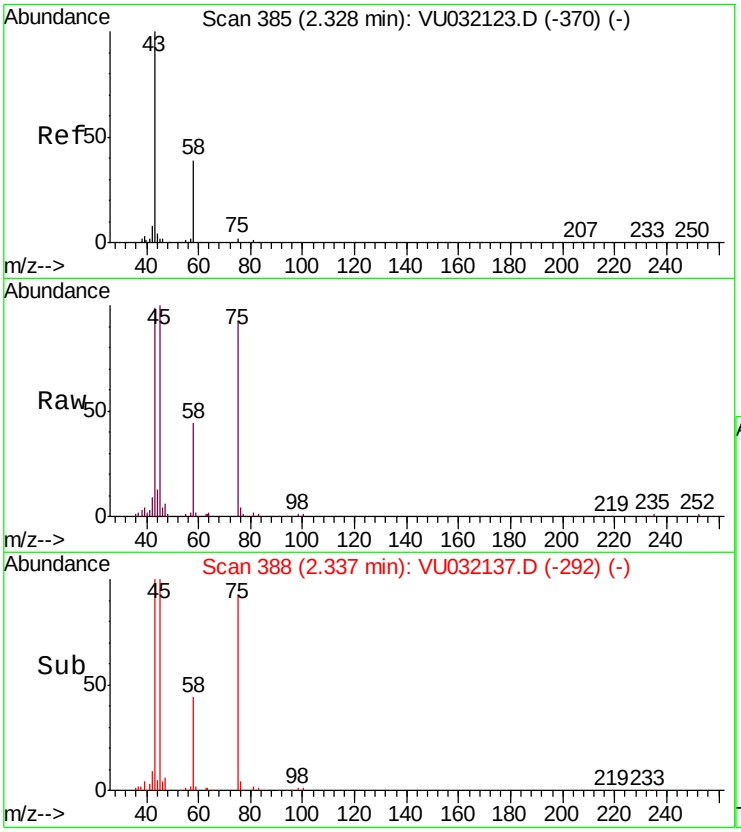


#12
1,1-Dichloroethene
Concen: 0.128 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.00 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion: 96 Resp: 1841

Ion	Ratio	Lower	Upper
96	100		
61	911.1	111.7	207.5#
63	7932.5	152.2	282.6#



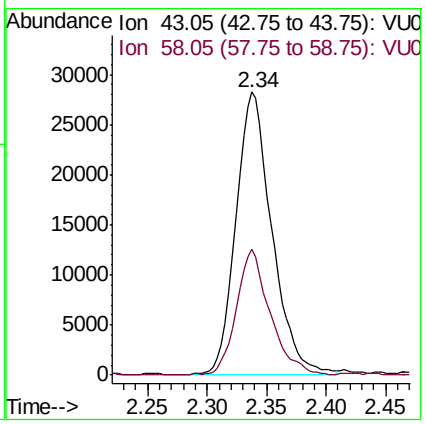


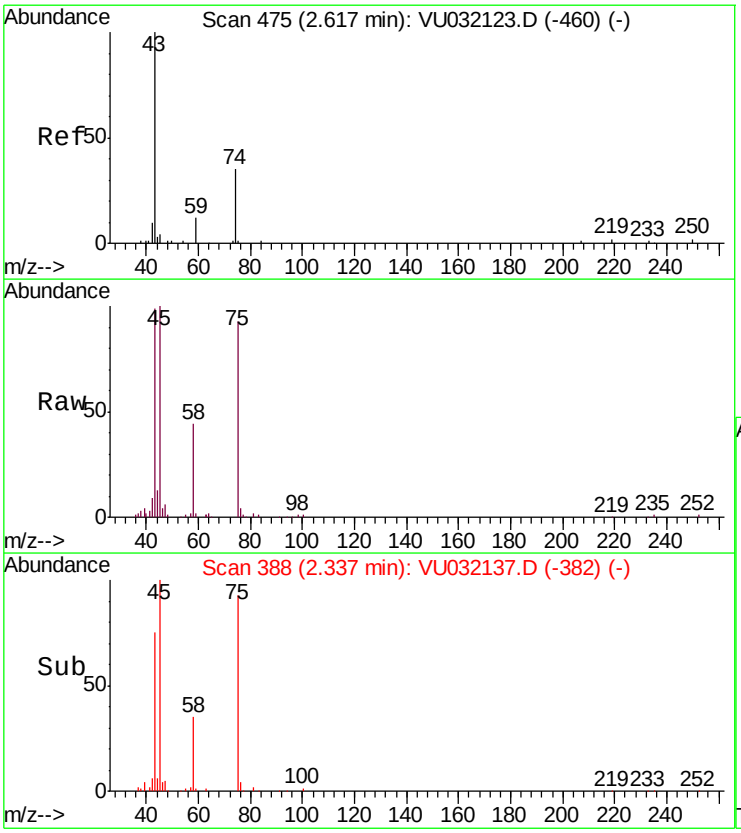
#13
Acetone
Concen: 30.506 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.01 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument :
MSVOA_U
ClientSampleId :
F9W39

Tgt Ion: 43 Resp: 59391

Ion	Ratio	Lower	Upper
43	100		
58	41.5	0.0	78.8

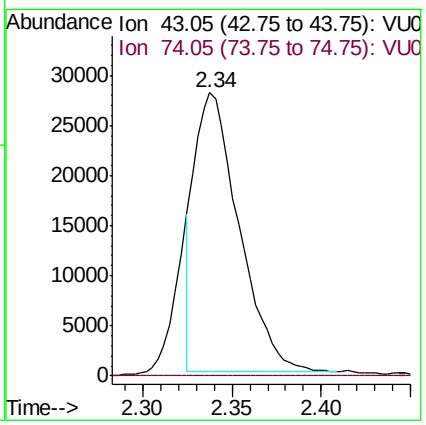


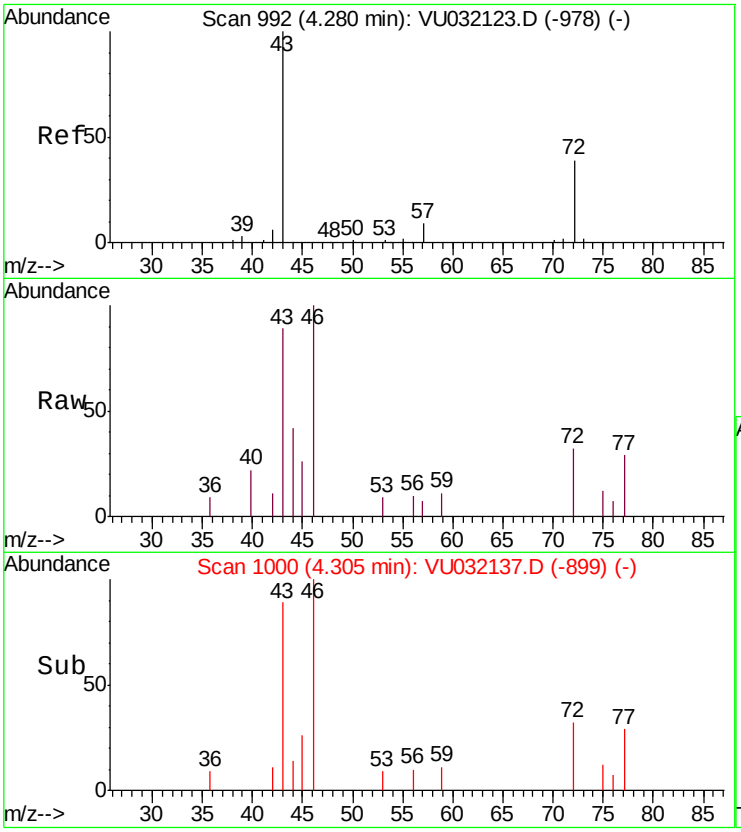


#15
Methyl Acetate
Concen: 8.577 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.28 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion: 43 Resp: 47878

Ion	Ratio	Lower	Upper
43	100		
74	0.1	26.4	39.6#



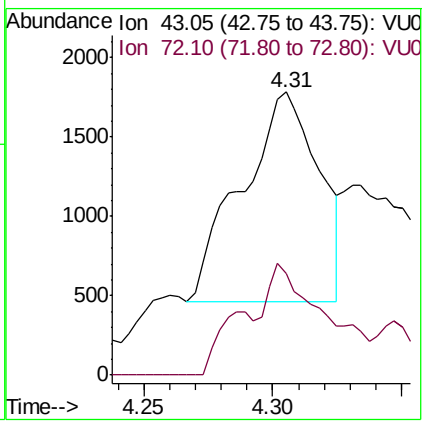


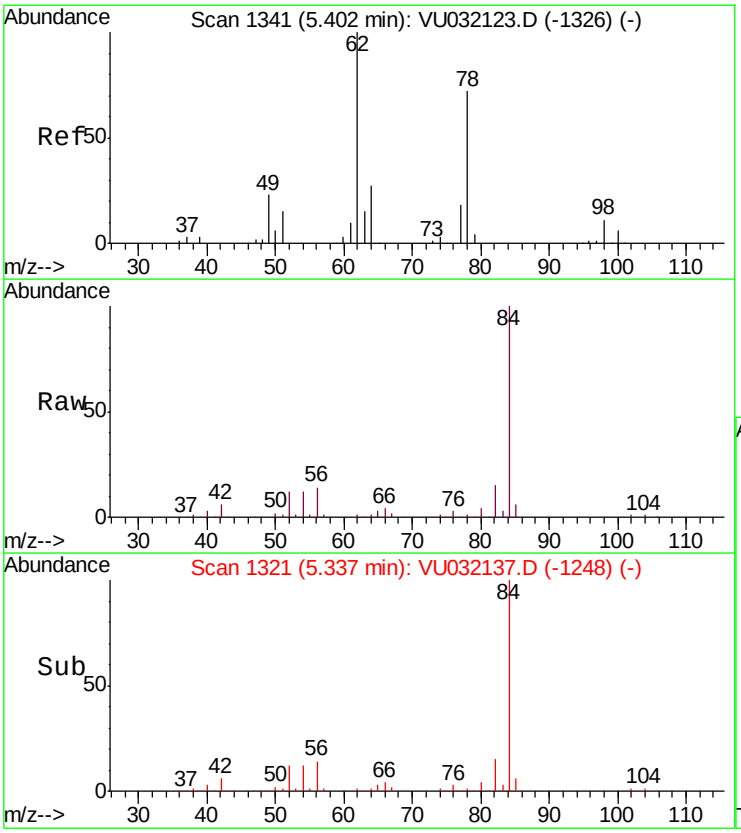
#21
2-Butanone
Concen: 0.981 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.03 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument : MSVOA_U
ClientSampleId : F9W39

Tgt Ion: 43 Resp: 2742

Ion	Ratio	Lower	Upper
43	100		
72	42.0	16.8	50.3

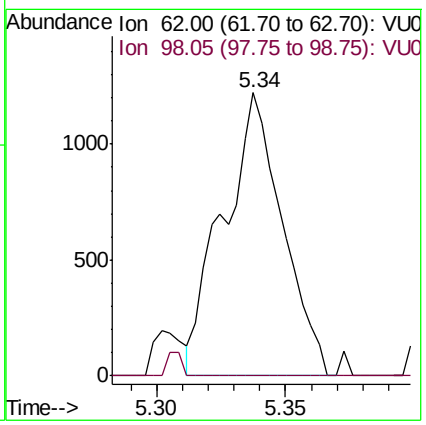


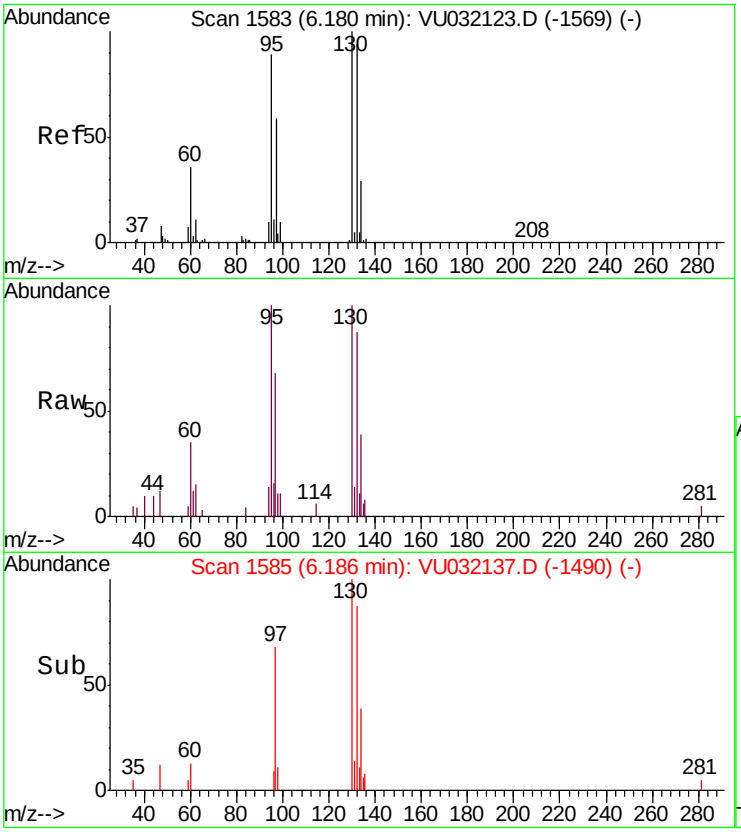


#27
1,2-Dichloroethane
Concen: 0.130 ug/L
RT: 5.34 min Scan# 1321
Delta R.T. -0.06 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion: 62 Resp: 1958

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.0	12.0#



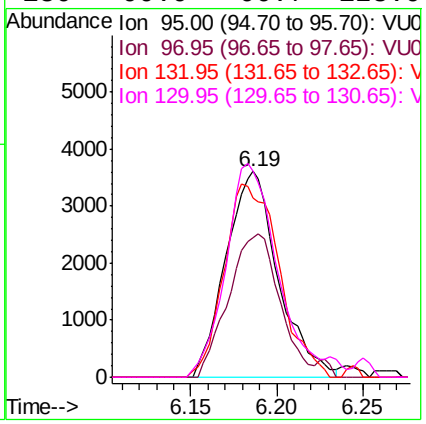


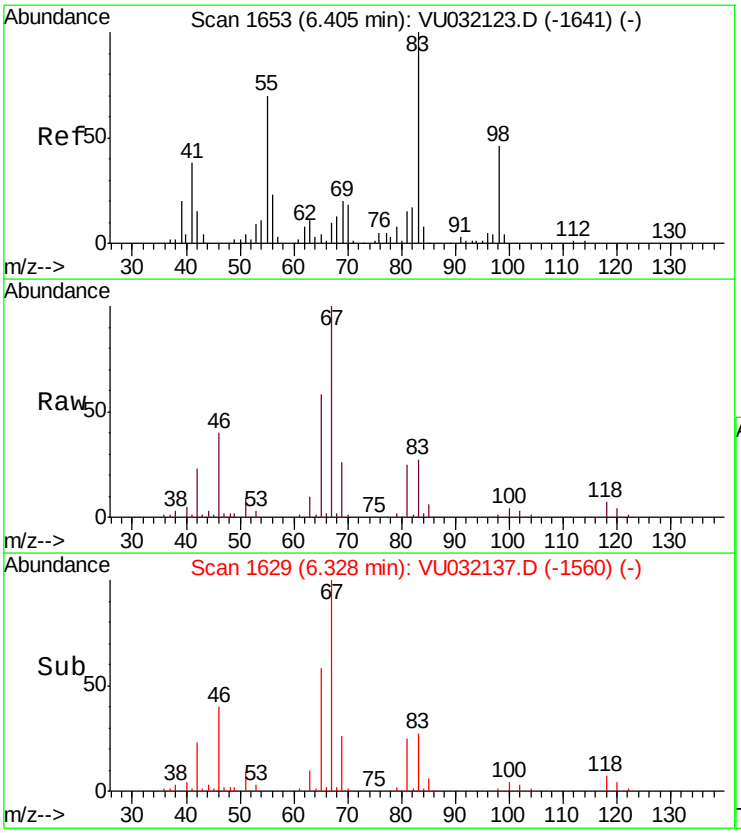
#34
Trichloroethene
Concen: 0.488 ug/L
RT: 6.19 min Scan# 1585
Delta R.T. 0.01 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument :
MSVOA_U
ClientSampleId :
F9W39

Tgt Ion: 95 Resp: 7657

Ion	Ratio	Lower	Upper
95	100		
97	67.7	45.2	84.0
132	86.9	66.1	122.7
130	99.9	66.7	123.9

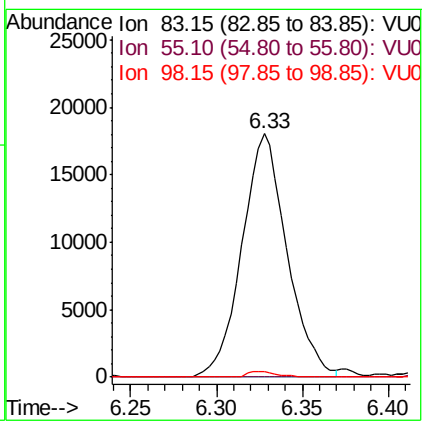


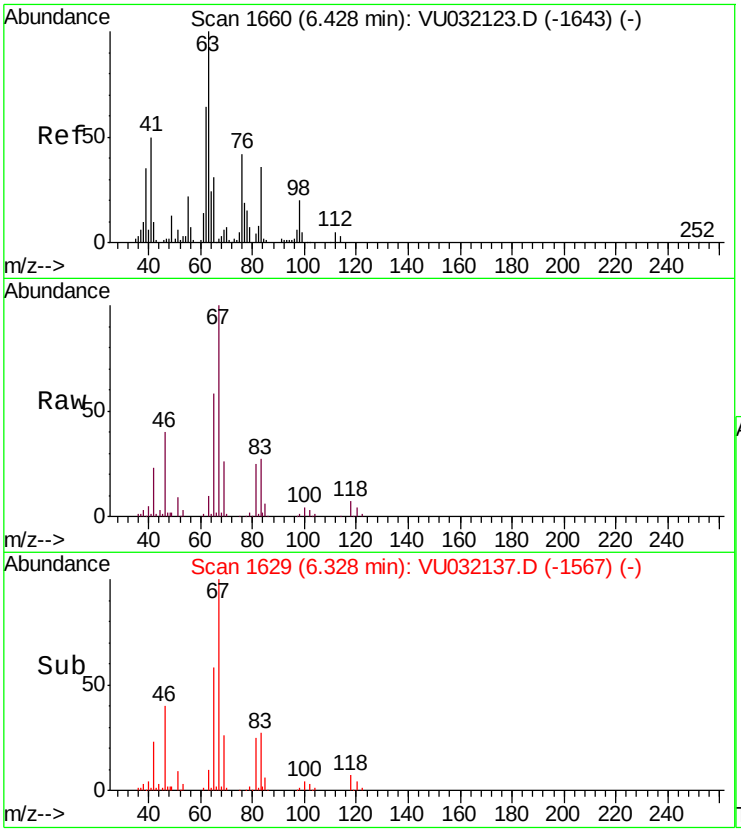


#35
Methylcyclohexane
Concen: 1.448 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion: 83 Resp: 32717

Ion	Ratio	Lower	Upper
83	100		
55	0.1	59.7	89.5#
98	1.4	36.8	55.2#



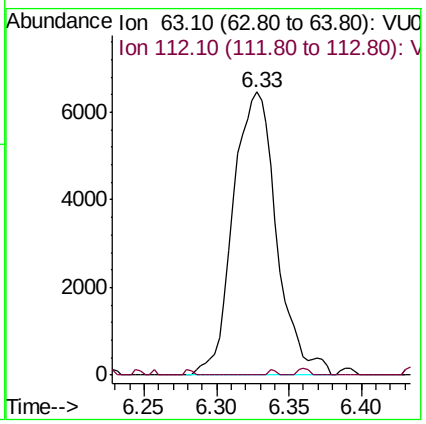


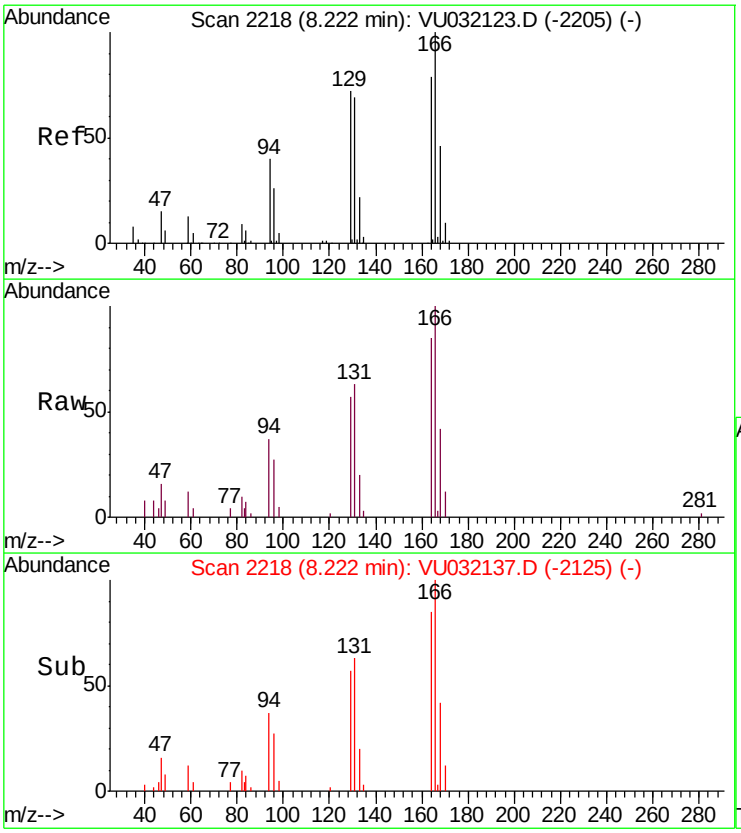
#37
1,2-Dichloropropane
Concen: 0.952 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.10 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument : MSVOA_U
ClientSampleId : F9W39

Tgt Ion: 63 Resp: 13461

Ion	Ratio	Lower	Upper
63	100		
112	0.3	3.8	5.6#

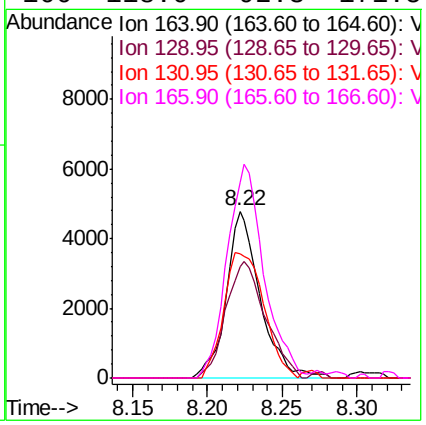


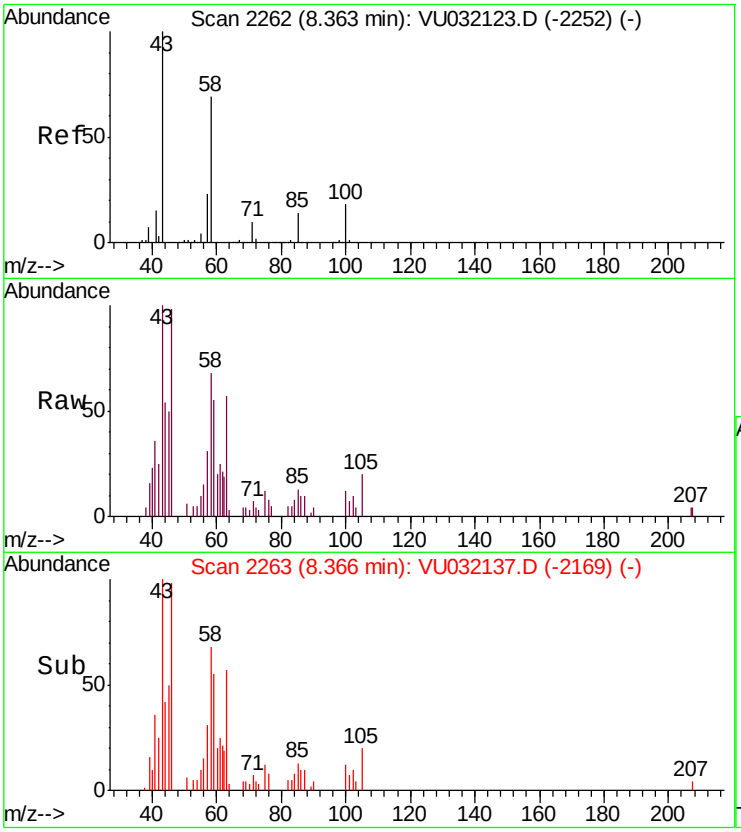


#47
Tetrachloroethene
Concen: 0.641 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. -0.00 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion:164 Resp: 7520

Ion	Ratio	Lower	Upper
164	100		
129	66.9	70.3	130.5#
131	74.9	64.5	119.9
166	118.0	92.3	171.5



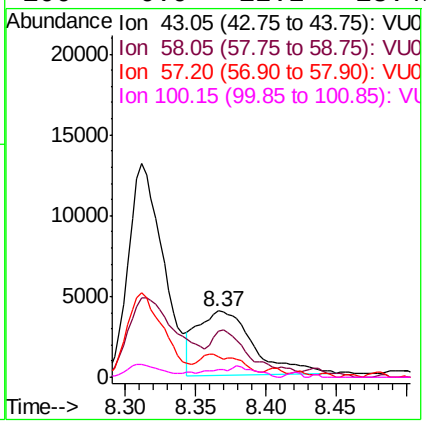


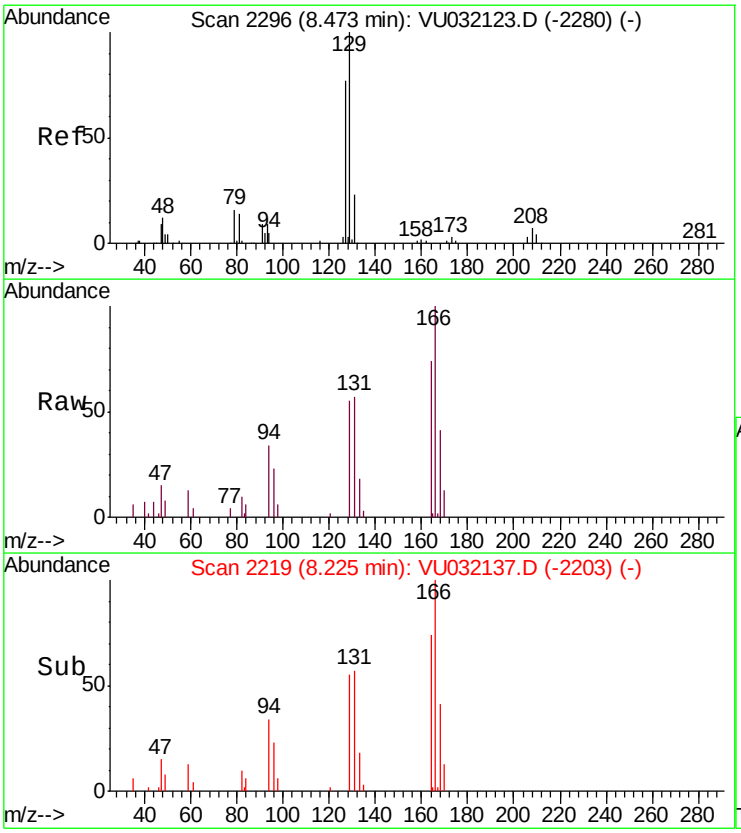
#48
2-Hexanone
Concen: 2.171 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.00 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument : MSVOA_U
ClientSampleId : F9W39

Tgt Ion: 43 Resp: 11039

Ion	Ratio	Lower	Upper
43	100		
58	52.3	51.6	77.4
57	5.3	18.4	27.6#
100	6.9	12.2	18.4#

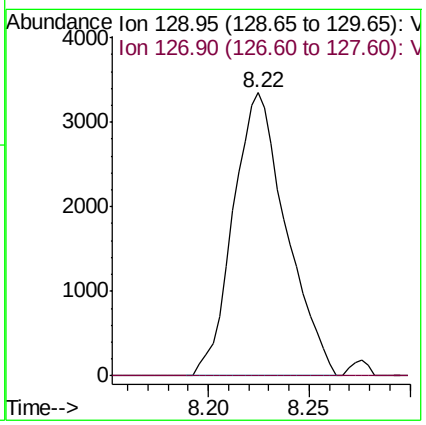


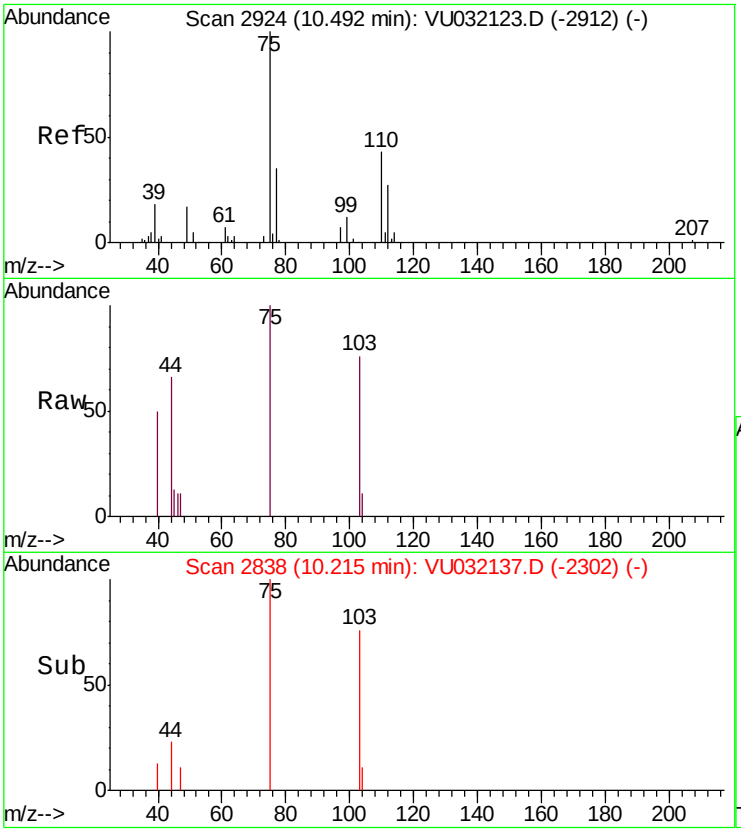


#49
Dibromochloromethane
Concen: 0.511 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. -0.25 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Tgt Ion:129 Resp: 6157

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.2	102.6#





#59
1,2,3-Trichloropropane
Concen: 0.143 ug/L
RT: 10.22 min Scan# 2838
Delta R.T. -0.28 min
Lab File: VU032137.D
Acq: 18 May 2019 07:05

Instrument :
MSVOA_U
ClientSampleId :
F9W39

Tgt Ion: 75 Resp: 1285

Ion	Ratio	Lower	Upper
75	100		
77	0.0	26.2	39.2#