Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032154.D
Acq On : 20 May 2019 14:52
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W36

Quant Time: May 21 06:43:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	357319	5.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	356648	5.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	144280	5.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	106338	3.53	ug/L		0.00
Spiked Amount 5.000	Range 40 - 130		Recovery = 70.60%				
7) Chloroethane-d5	1.68	69	94729	3.68	ug/L		0.00
Spiked Amount 5.000	Range 65 - 130		Recovery = 73.60%				
11) 1,1-Dichloroethene-d2	2.27	63	160906	3.35	ug/L		0.00
Spiked Amount 5.000	Range 60 - 125		Recovery = 67.00%				
20) 2-Butanone-d5	4.20	46	251855	42.62	ug/L		0.00
Spiked Amount 50.000	Range 40 - 130		Recovery = 85.24%				
24) Chloroform-d	4.64	84	228765	4.32	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 86.40%				
26) 1,2-Dichloroethane-d4	5.31	65	112365	4.12	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 82.40%				
32) Benzene-d6	5.33	84	451728	4.15	ug/L		0.00
Spiked Amount 5.000	Range 70 - 125		Recovery = 83.00%				
36) 1,2-Dichloropropane-d6	6.32	67	131793	4.14	ug/L		0.00
Spiked Amount 5.000	Range 60 - 140		Recovery = 82.80%				
41) Toluene-d8	7.56	98	366067	3.82	ug/L		0.00
Spiked Amount 5.000	Range 70 - 130		Recovery = 76.40%				
43) trans-1,3-Dichloropropene-	7.85	79	46125	4.03	ug/L		0.00
Spiked Amount 5.000	Range 55 - 130		Recovery = 80.60%				
46) 2-Hexanone-d5	8.31	63	213982	41.39	ug/L		0.00
Spiked Amount 50.000	Range 45 - 130		Recovery = 82.78%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	114392	4.40	ug/L		0.00
Spiked Amount 5.000	Range 65 - 120		Recovery = 88.00%				
64) 1,2-Dichlorobenzene-d4	11.86	152	142173	4.65	ug/L		0.00
Spiked Amount 5.000	Range 80 - 120		Recovery = 93.00%				
Target Compounds							Qvalue
3) Chloromethane	1.32	50	2913	0.170	ug/L		89
12) 1,1-Dichloroethene	2.27	96	2329	0.162	ug/L	#	1
13) Acetone	2.34	43	27830	14.346	ug/L		98
15) Methyl Acetate	2.34	43	22679	4.077	ug/L	#	42
16) Methylene chloride	2.69	84	2496	0.146	ug/L		98
17) Methyl tert-butyl Ether	3.00	73	19926	0.591	ug/L	#	95
18) trans-1,2-Dichloroethene	2.97	96	16606	1.081	ug/L		84
21) 2-Butanone	4.31	43	2321	0.834	ug/L		91
22) cis-1,2-Dichloroethene	4.22	96	37910	2.509	ug/L		97
25) Chloroform	4.67	83	37678	1.446	ug/L		97
34) Trichloroethene	6.18	95	138827	9.346	ug/L		98
35) Methylcyclohexane	6.33	83	33304	1.557	ug/L	#	20
37) 1,2-Dichloropropane	6.32	63	14344	1.071	ug/L	#	86
38) Bromodichloromethane	6.75	83	50884	2.971	ug/L		99
39) cis-1,3-Dichloropropene	7.23	75	2705	0.146	ug/L		98
44) trans-1,3-Dichloropropene	7.85	75	1694	0.118	ug/L	#	57
47) Tetrachloroethene	8.22	164	55326	4.982	ug/L		96

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

Quantitation Report (Not Reviewed)

Data File : VU032154.D
Acq On : 20 May 2019 14:52
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : F9W36

Quant Time: May 21 06:43:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
48) 2-Hexanone	8.37	43	10248	2.129	ug/L	#	85
49) Dibromochloromethane	8.47	129	48366	4.243	ug/L		92
59) 1,2,3-Trichloropropane	11.48	75	14069	1.654	ug/L		89
61) Bromoform	9.96	173	9935	1.794	ug/L		97

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

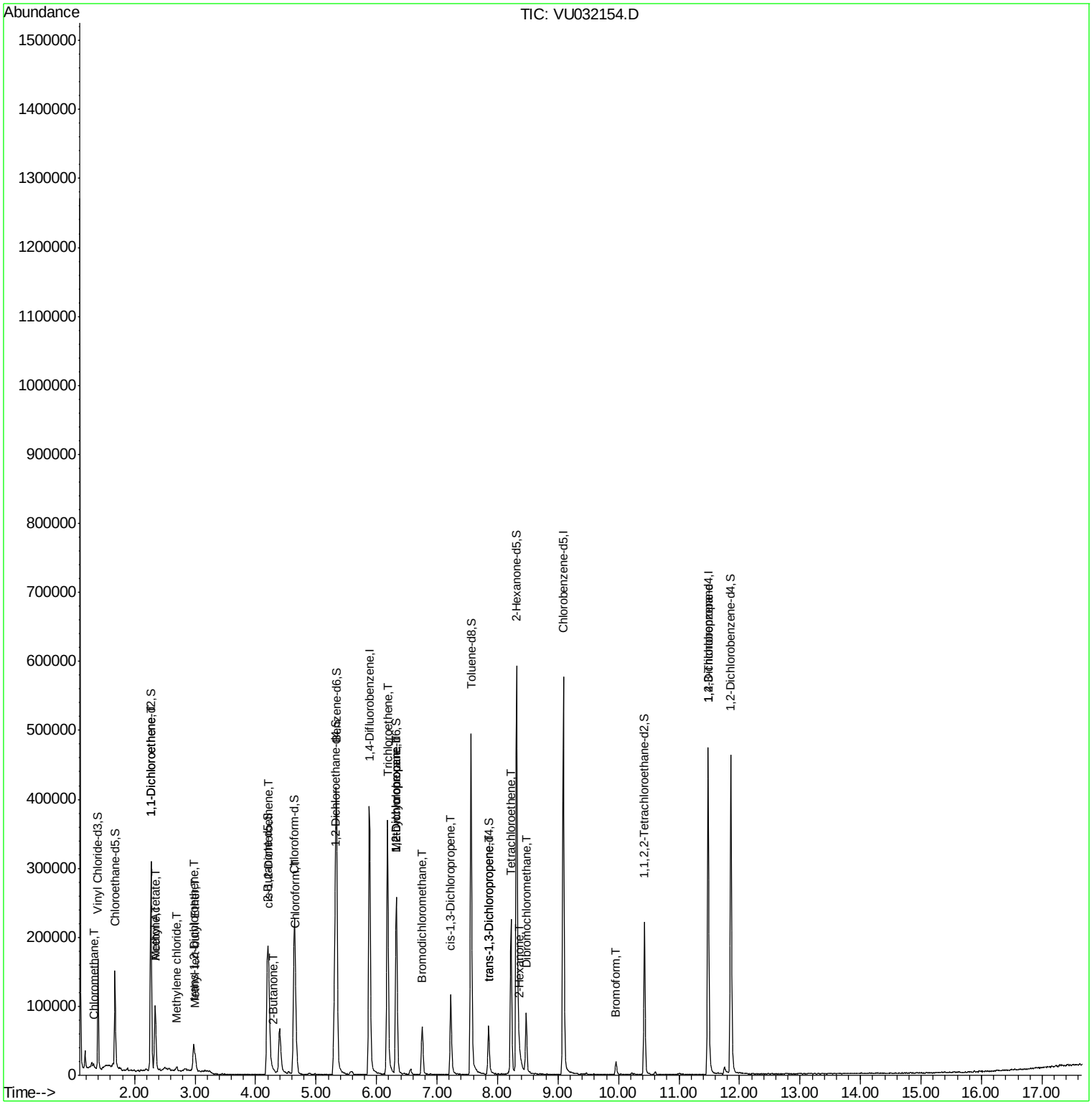
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU052019\

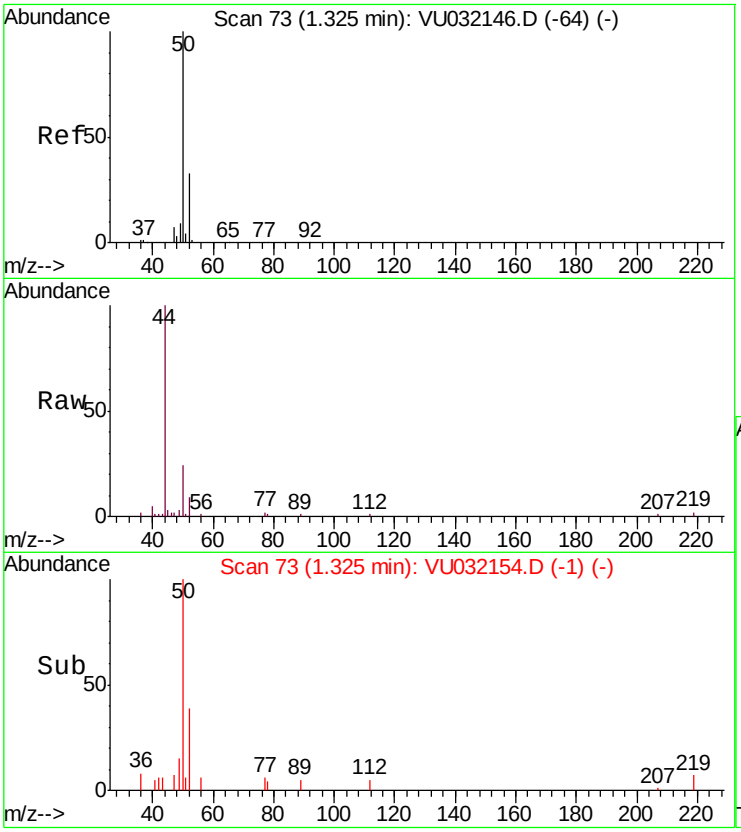
Quantitation Report (Not Reviewed)

Data File : VU032154.D
Acq On : 20 May 2019 14:52
Operator : JC/SP
Sample : K2860-09
Misc : 25.0mL/MSVOA_U/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Quant Time: May 21 06:43:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR051619WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Tue May 21 06:39:31 2019
Response via : Initial Calibration



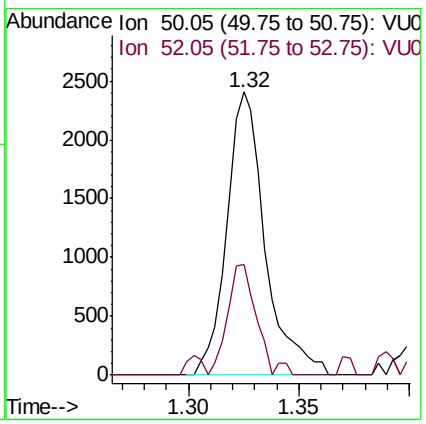


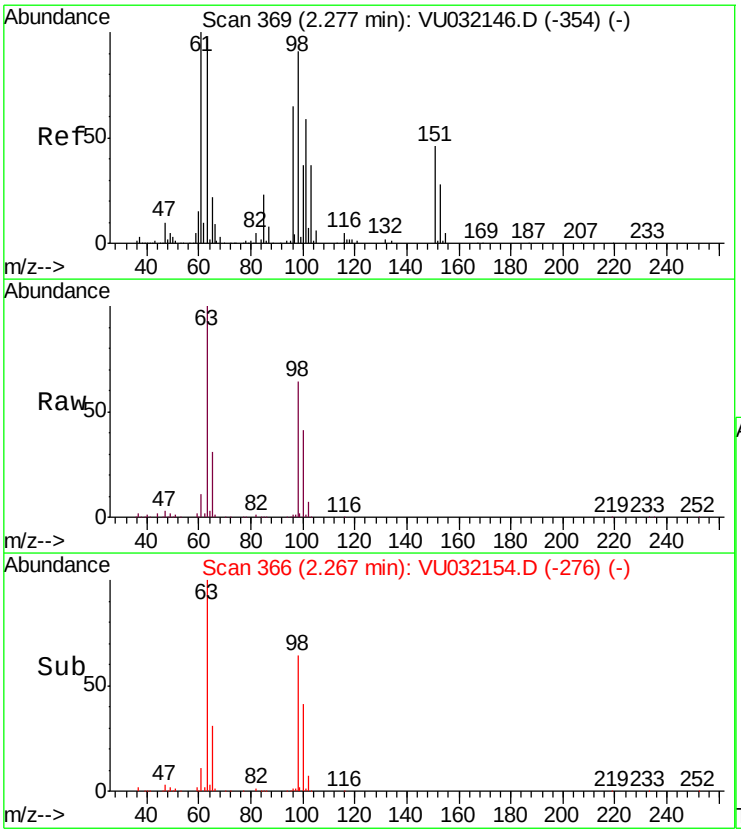
#3
Chloromethane
Concen: 0.170 ug/L
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 50 Resp: 2913

Ion	Ratio	Lower	Upper
50	100		
52	39.3	23.2	43.0

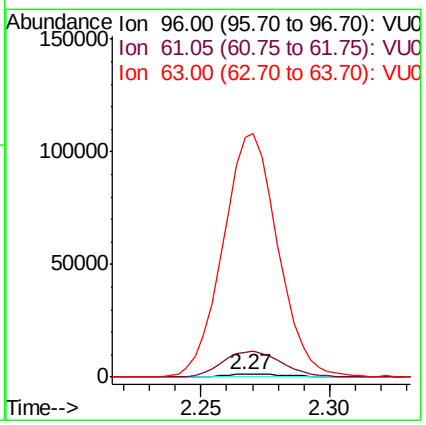


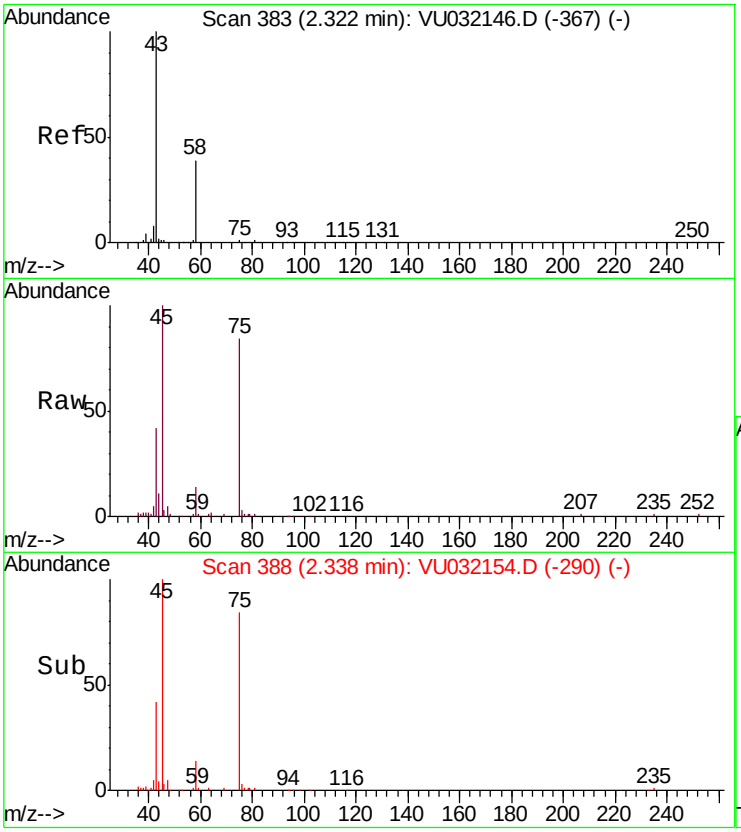


#12
1,1-Dichloroethene
Concen: 0.162 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.01 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 96 Resp: 2329

Ion	Ratio	Lower	Upper
96	100		
61	912.5	111.7	207.5#
63	8643.6	152.2	282.6#



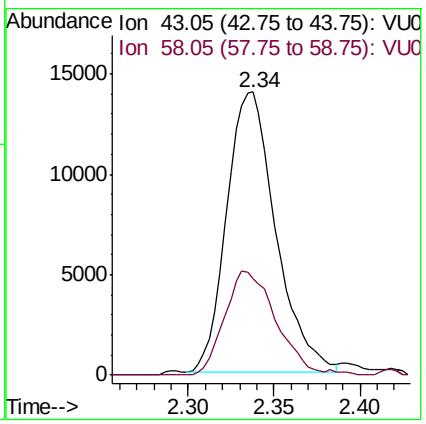


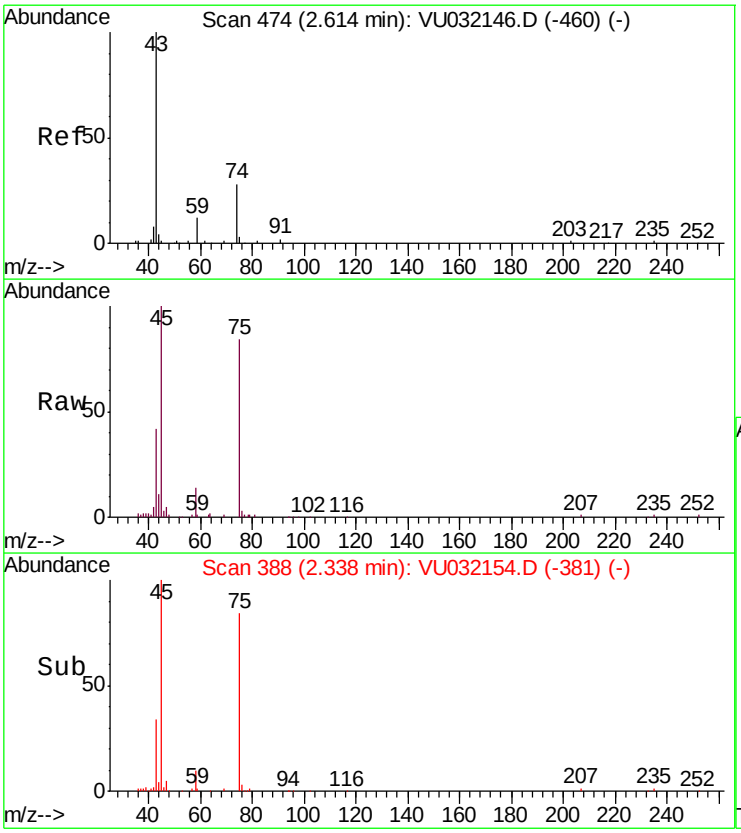
#13
Acetone
Concen: 14.346 ug/L
RT: 2.34 min Scan# 388
Delta R.T. 0.02 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 43 Resp: 27830

Ion	Ratio	Lower	Upper
43	100		
58	38.3	0.0	78.8

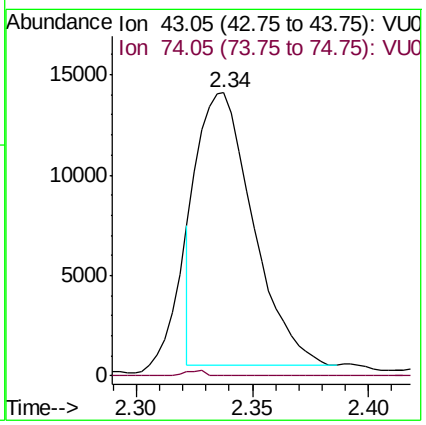


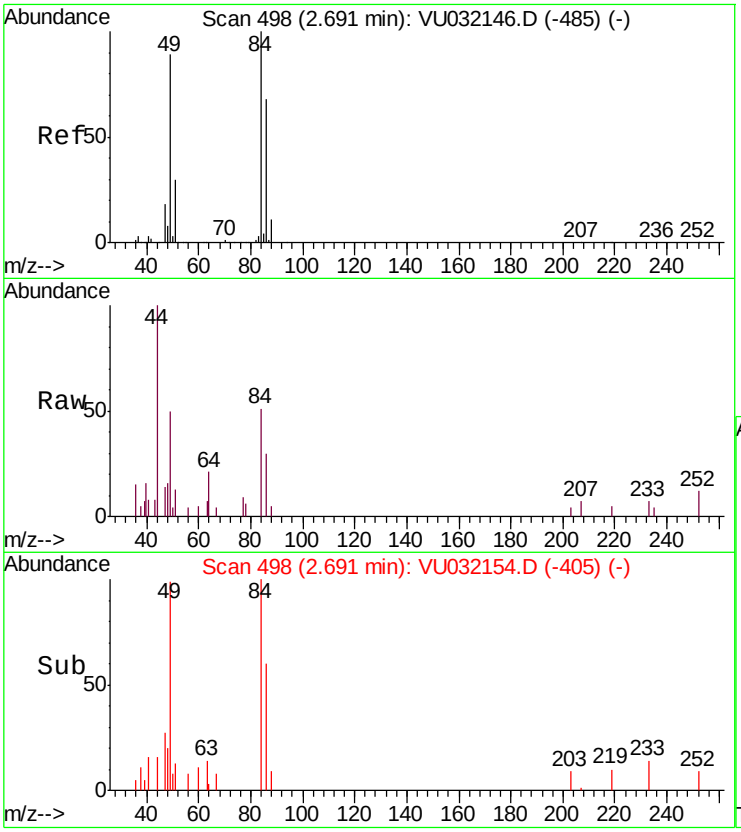


#15
Methyl Acetate
Concen: 4.077 ug/L
RT: 2.34 min Scan# 388
Delta R.T. -0.28 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 43 Resp: 22679

Ion	Ratio	Lower	Upper
43	100		
74	0.4	26.4	39.6#



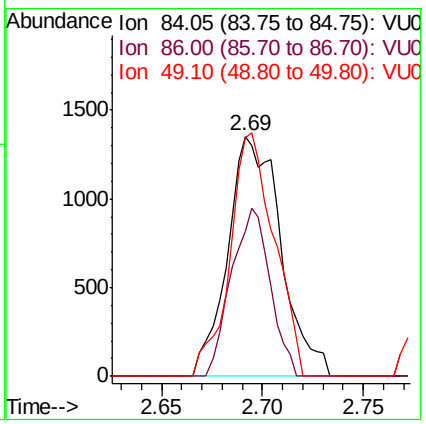


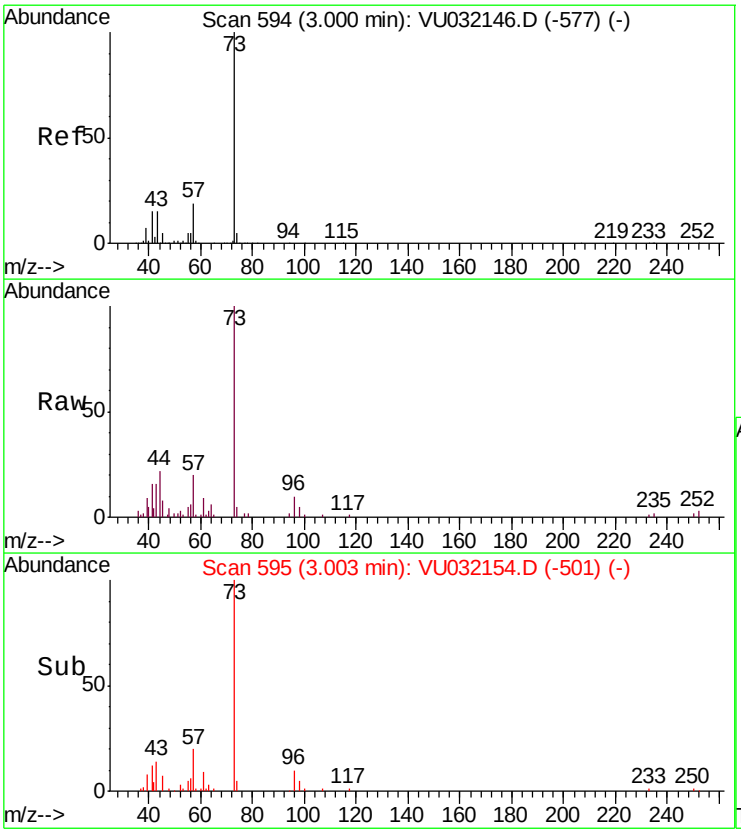
#16
Methylene chloride
Concen: 0.146 ug/L
RT: 2.69 min Scan# 498
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument : MSVOA_U
ClientSampleId : F9W36

Tgt Ion: 84 Resp: 2496

Ion	Ratio	Lower	Upper
84	100		
86	60.2	43.1	80.1
49	99.5	67.7	125.7

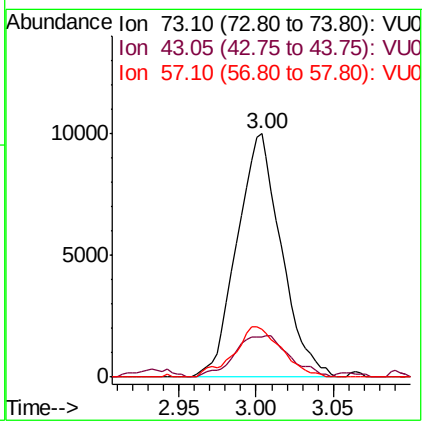


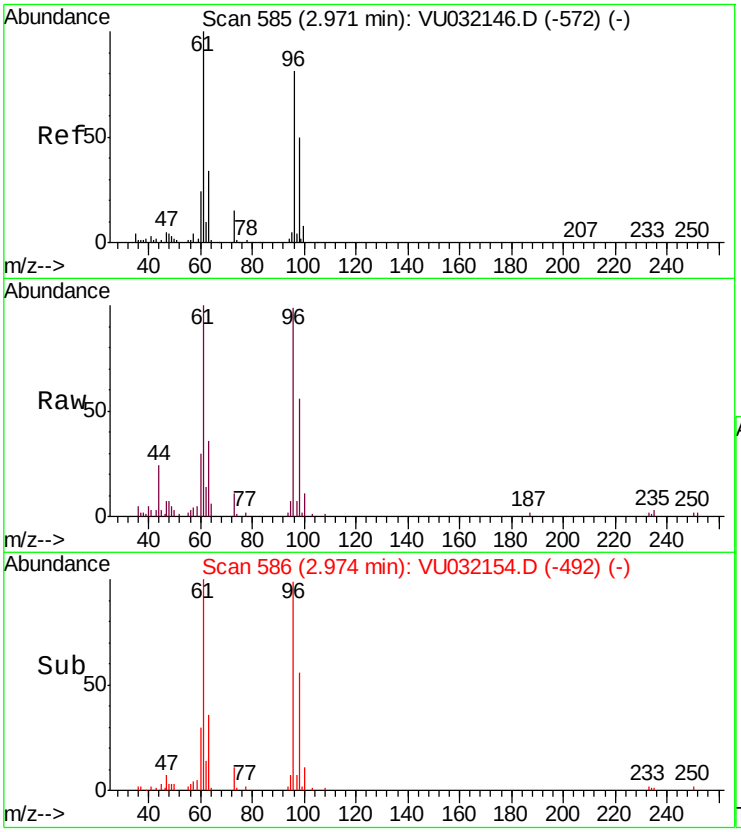


#17
Methyl tert-butyl Ether
Concen: 0.591 ug/L
RT: 3.00 min Scan# 595
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 73 Resp: 19926

Ion	Ratio	Lower	Upper
73	100		
43	20.9	13.0	19.6#
57	22.2	17.9	26.9



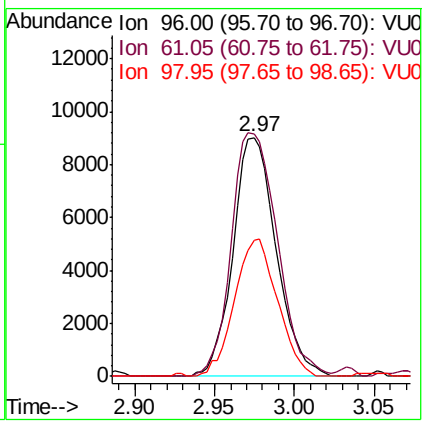


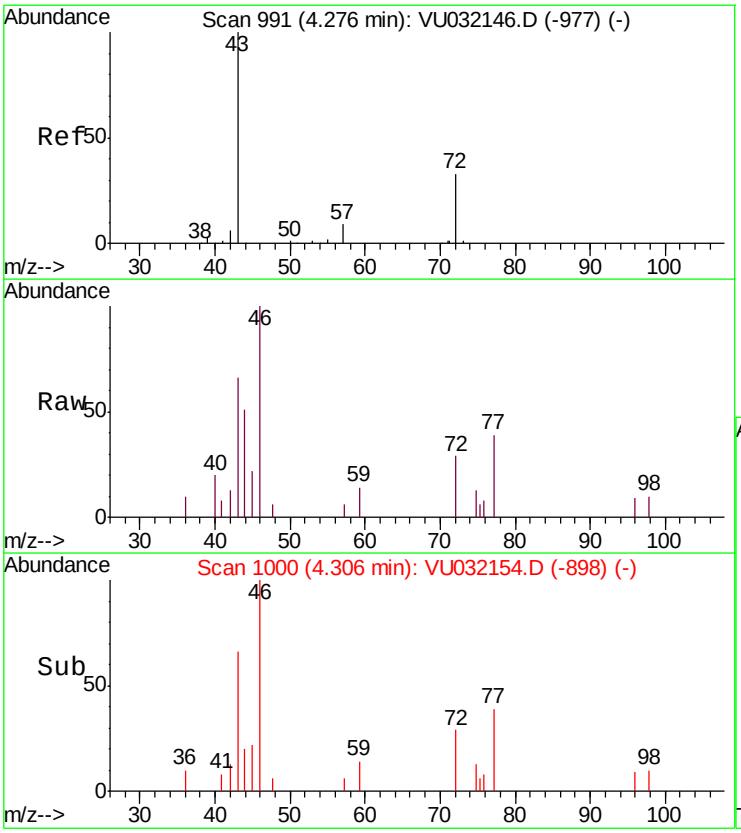
#18
trans-1,2-Dichloroethene
Concen: 1.081 ug/L
RT: 2.97 min Scan# 586
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 96 Resp: 16606

Ion	Ratio	Lower	Upper
96	100		
61	101.3	86.5	160.7
98	56.7	43.5	80.9

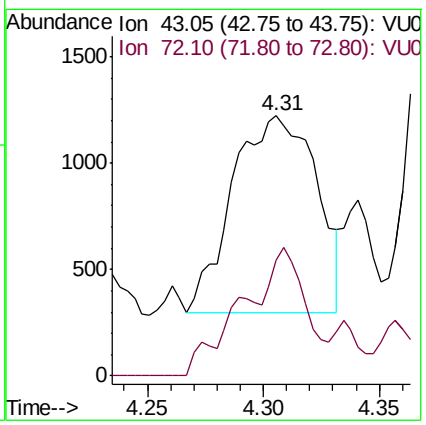


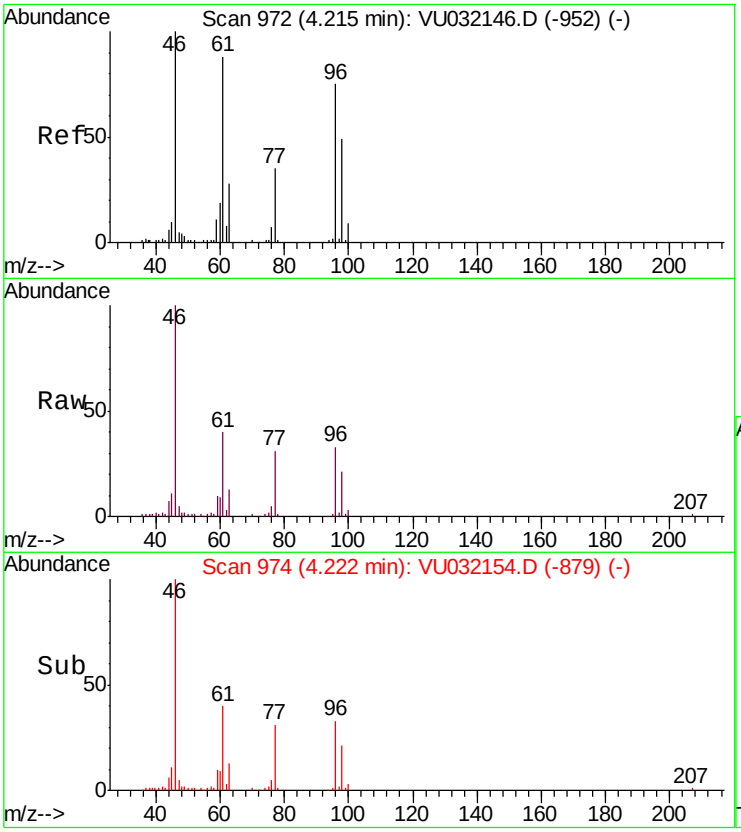


#21
2-Butanone
Concen: 0.834 ug/L
RT: 4.31 min Scan# 1000
Delta R.T. 0.03 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 43 Resp: 2321

Ion	Ratio	Lower	Upper
43	100		
72	28.6	16.8	50.3



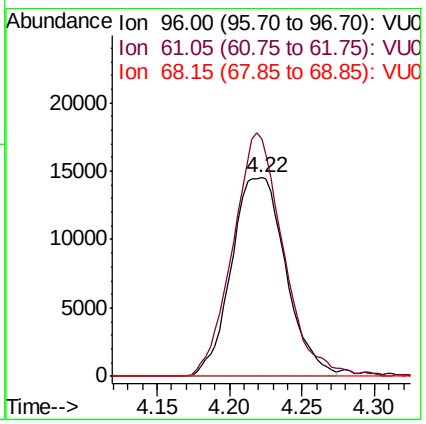


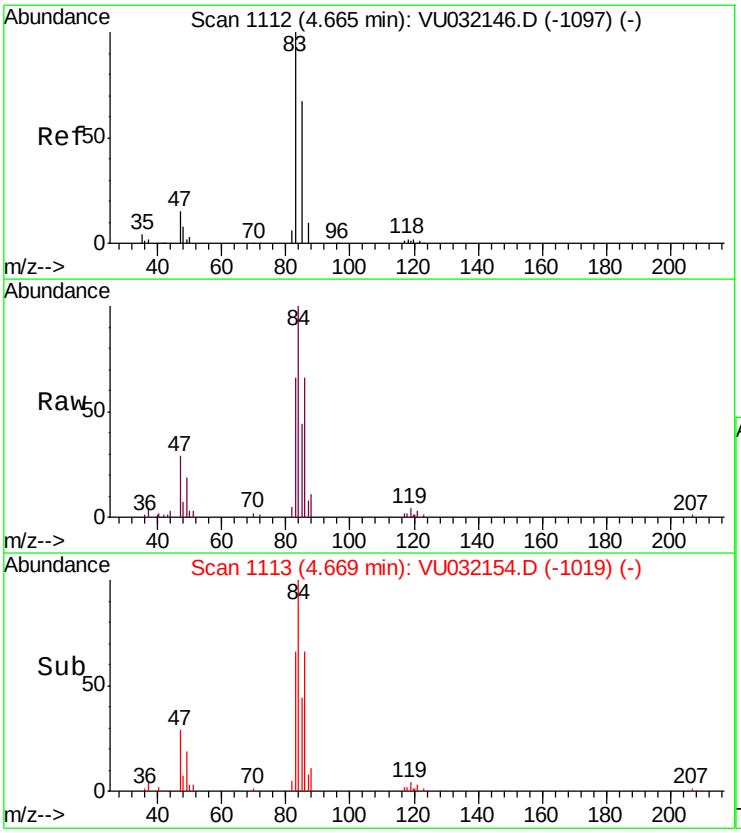
#22
cis-1,2-Dichloroethene
Concen: 2.509 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.01 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 96 Resp: 37910

Ion	Ratio	Lower	Upper
96	100		
61	119.6	85.8	159.4
68	0.0	0.0	0.0

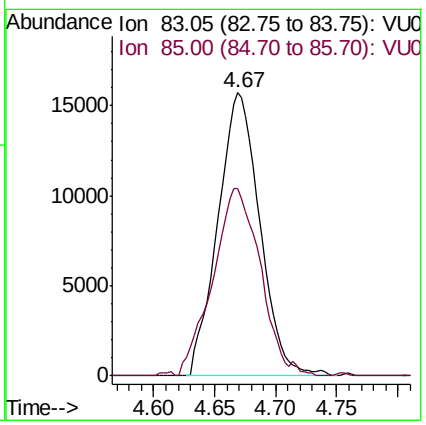


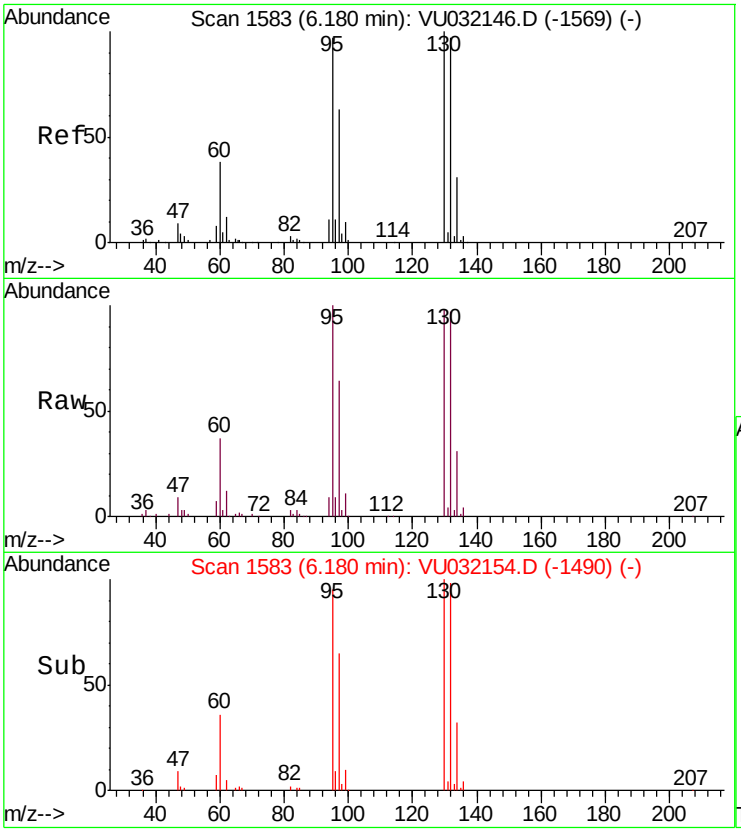


#25
Chloroform
Concen: 1.446 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 83 Resp: 37678

Ion	Ratio	Lower	Upper
83	100		
85	66.1	44.9	83.3



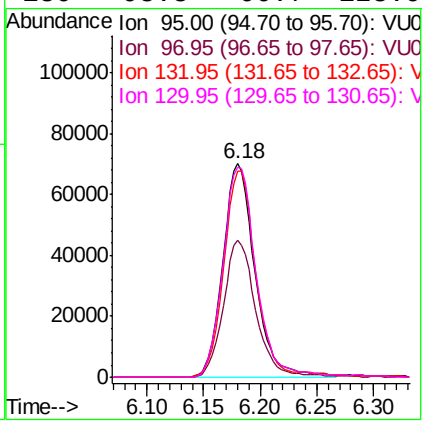


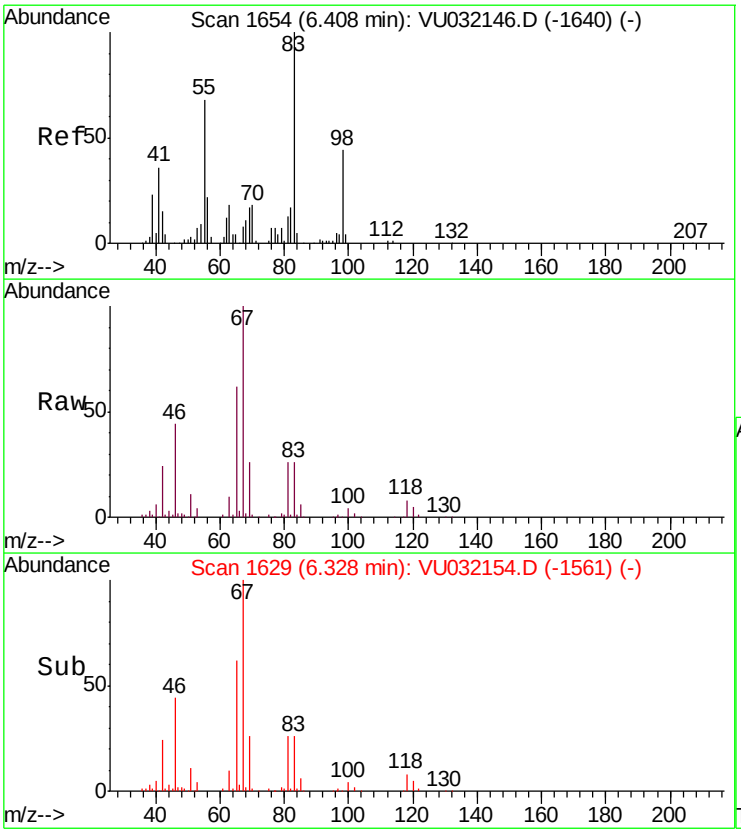
#34
Trichloroethene
Concen: 9.346 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 95 Resp: 138827

Ion	Ratio	Lower	Upper
95	100		
97	63.9	45.2	84.0
132	96.5	66.1	122.7
130	98.3	66.7	123.9

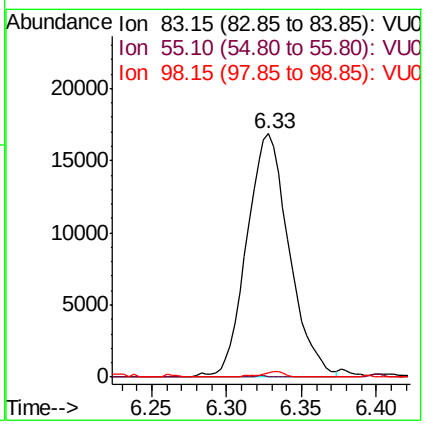


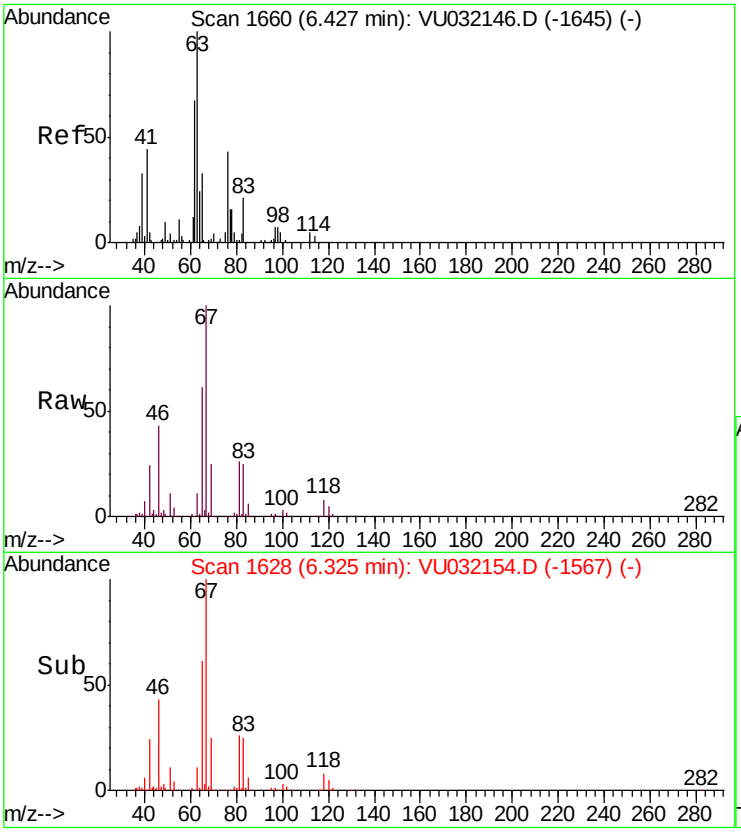


#35
Methylcyclohexane
Concen: 1.557 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.08 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 83 Resp: 33304

Ion	Ratio	Lower	Upper
83	100		
55	0.2	59.7	89.5#
98	1.3	36.8	55.2#



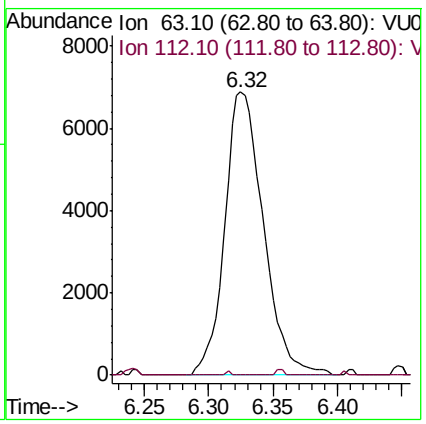


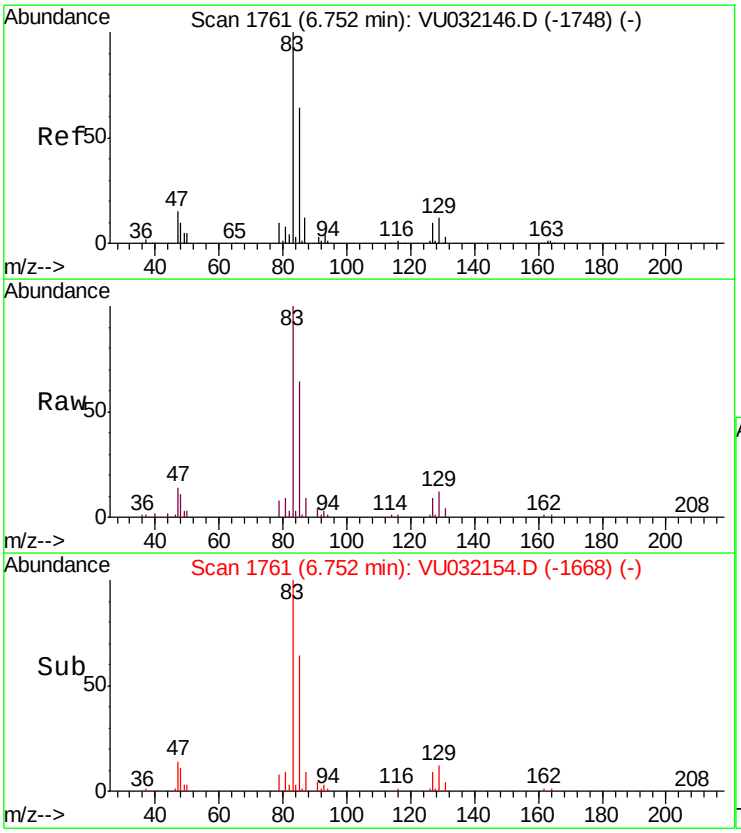
#37
1,2-Dichloropropane
Concen: 1.071 ug/L
RT: 6.32 min Scan# 1628
Delta R.T. -0.10 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 63 Resp: 14344

Ion	Ratio	Lower	Upper
63	100		
112	0.1	3.8	5.6#

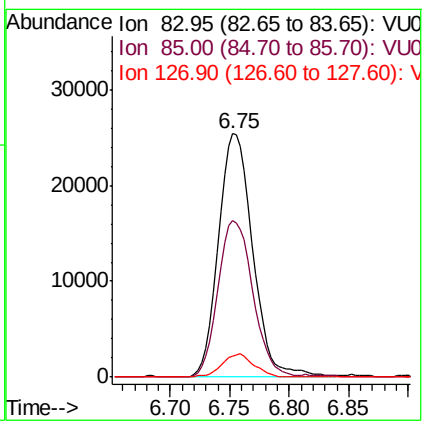


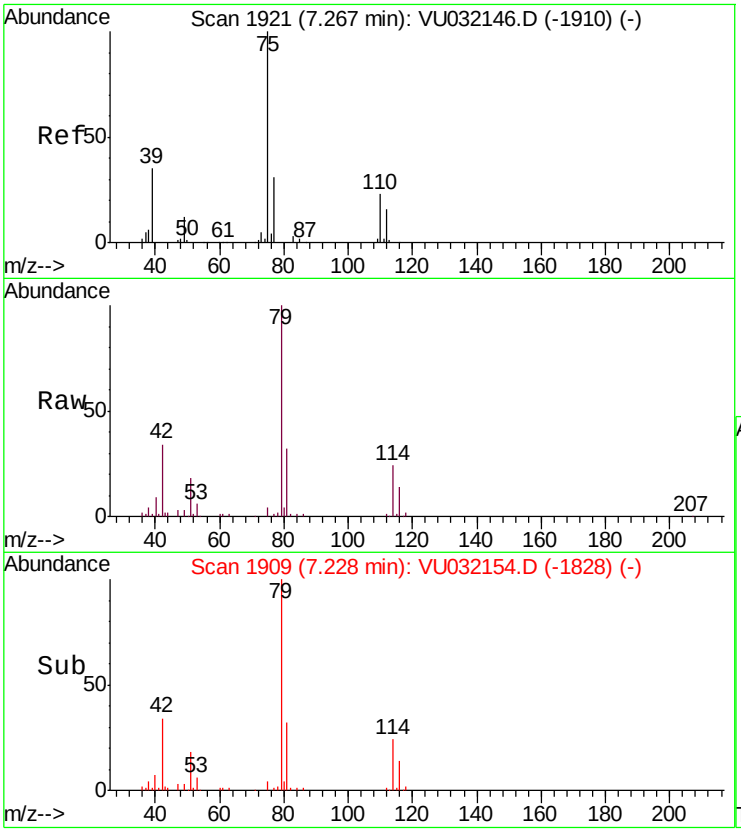


#38
Bromodichloromethane
Concen: 2.971 ug/L
RT: 6.75 min Scan# 1761
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 83 Resp: 50884

Ion	Ratio	Lower	Upper
83	100		
85	64.2	45.5	84.5
127	8.6	6.3	9.5



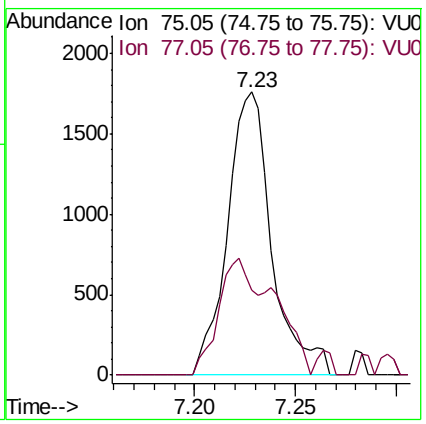


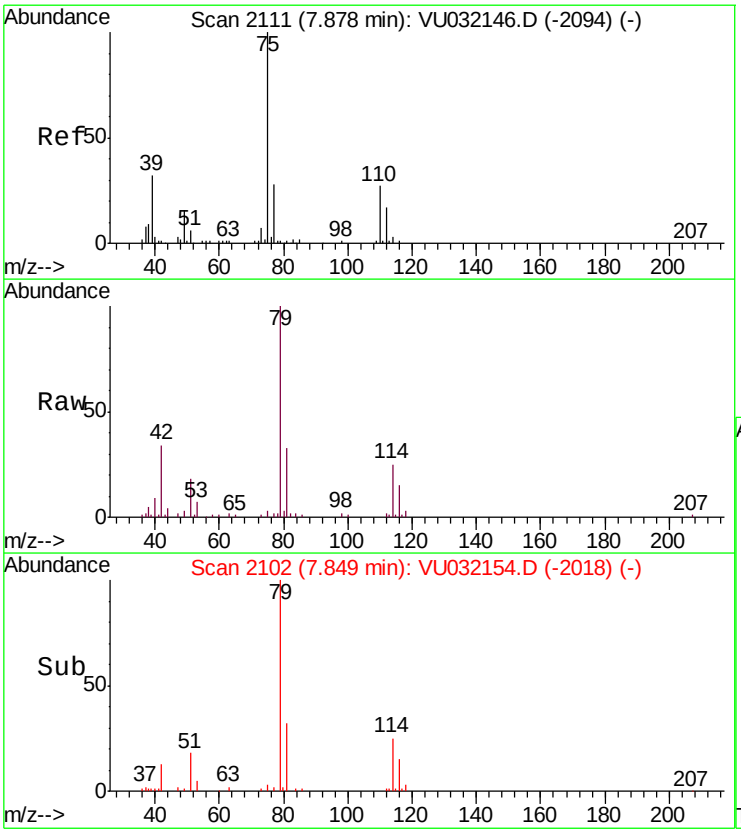
#39
cis-1,3-Dichloropropene
Concen: 0.146 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion: 75 Resp: 2705

Ion	Ratio	Lower	Upper
75	100		
77	30.0	21.7	40.3

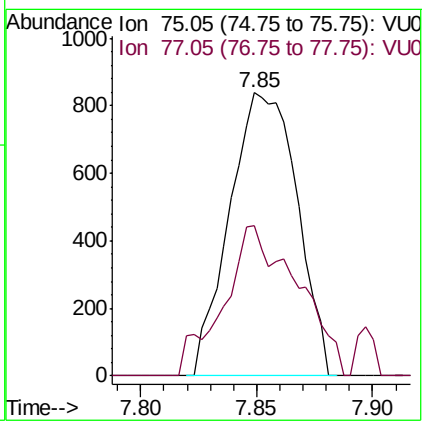


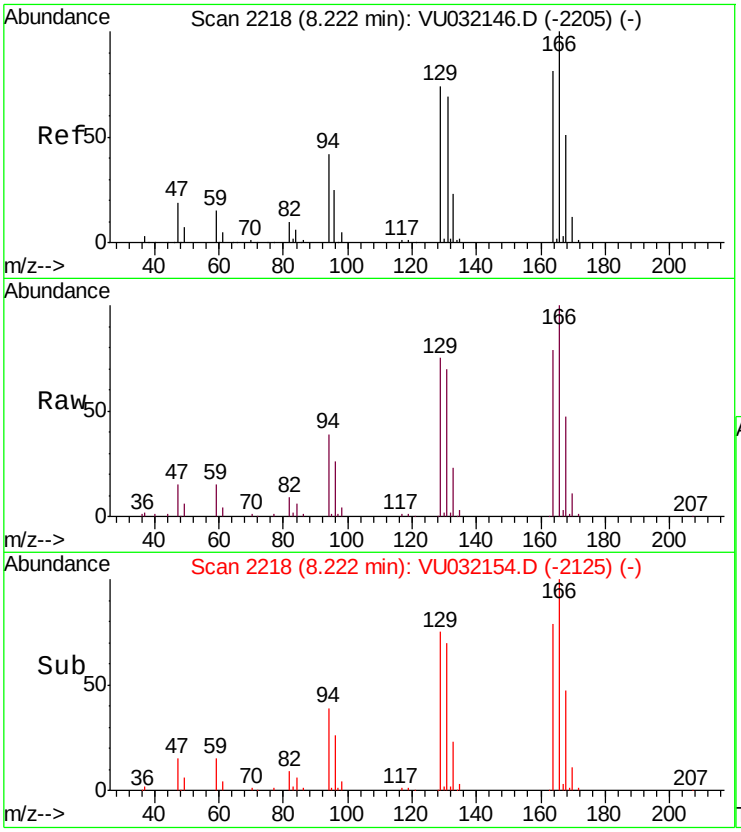


#44
trans-1,3-Dichloropropene
Concen: 0.118 ug/L
RT: 7.85 min Scan# 2102
Delta R.T. -0.03 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 75 Resp: 1694

Ion	Ratio	Lower	Upper
75	100		
77	53.2	21.0	39.0#



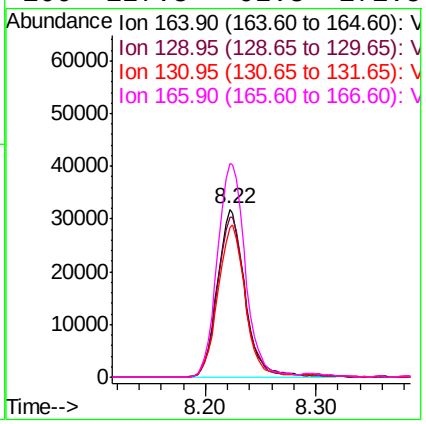


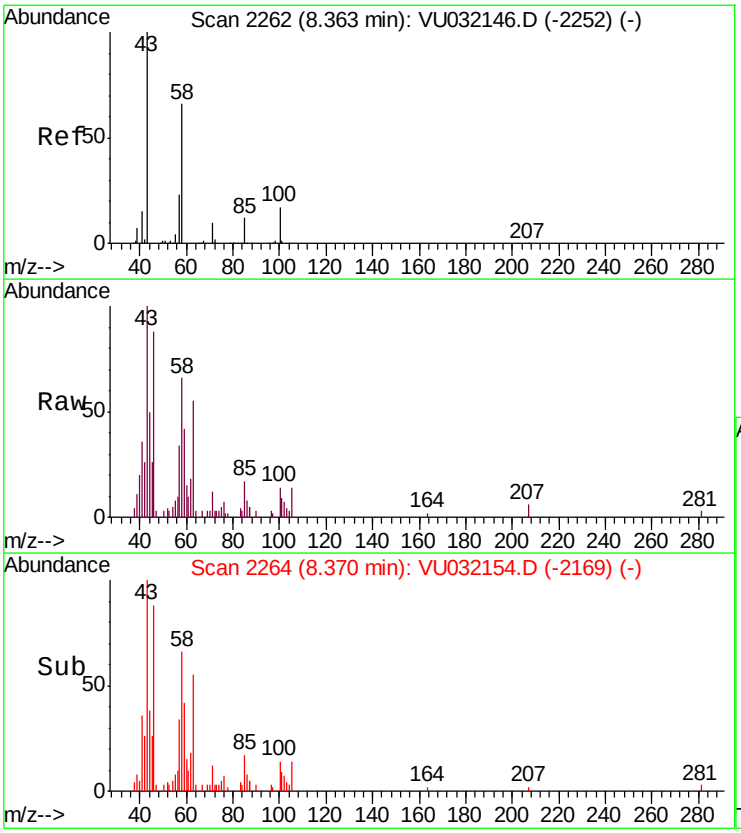
#47
Tetrachloroethene
Concen: 4.982 ug/L
RT: 8.22 min Scan# 2218
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion:164 Resp: 55326

Ion	Ratio	Lower	Upper
164	100		
129	95.5	70.3	130.5
131	89.3	64.5	119.9
166	127.3	92.3	171.5

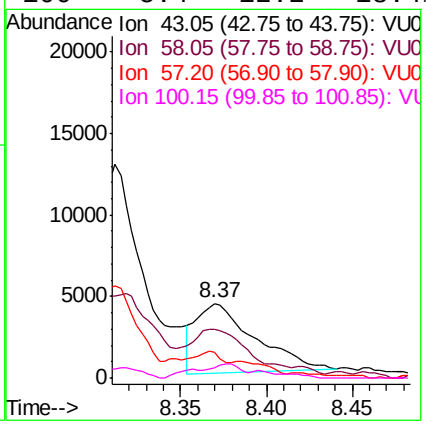


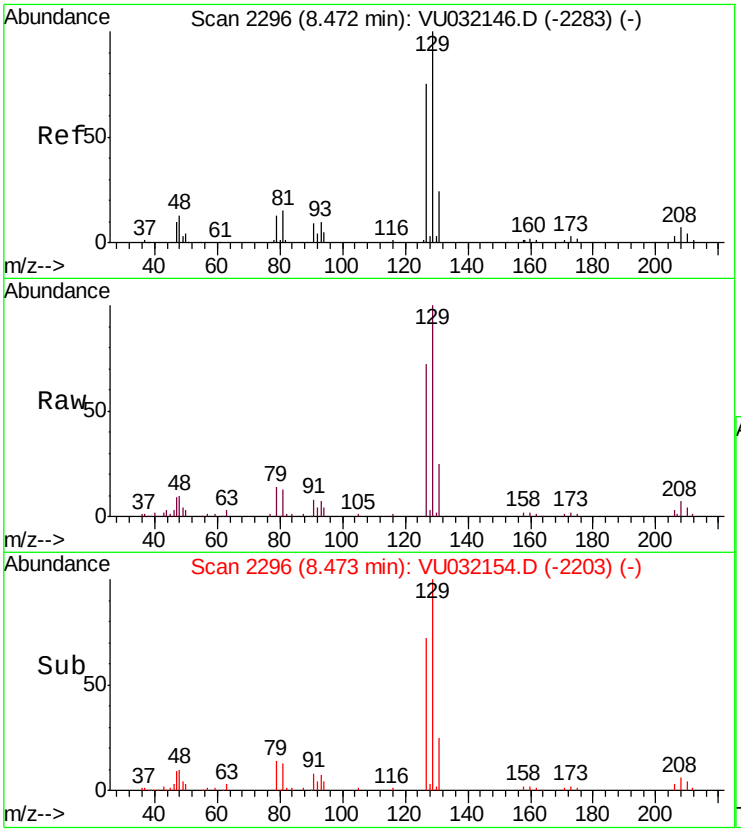


#48
2-Hexanone
Concen: 2.129 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 43 Resp: 10248

Ion	Ratio	Lower	Upper
43	100		
58	51.1	51.6	77.4#
57	21.6	18.4	27.6
100	5.4	12.2	18.4#



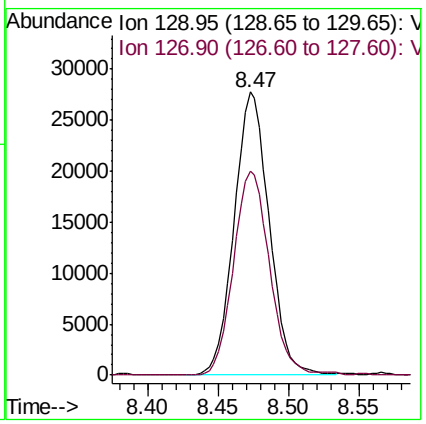


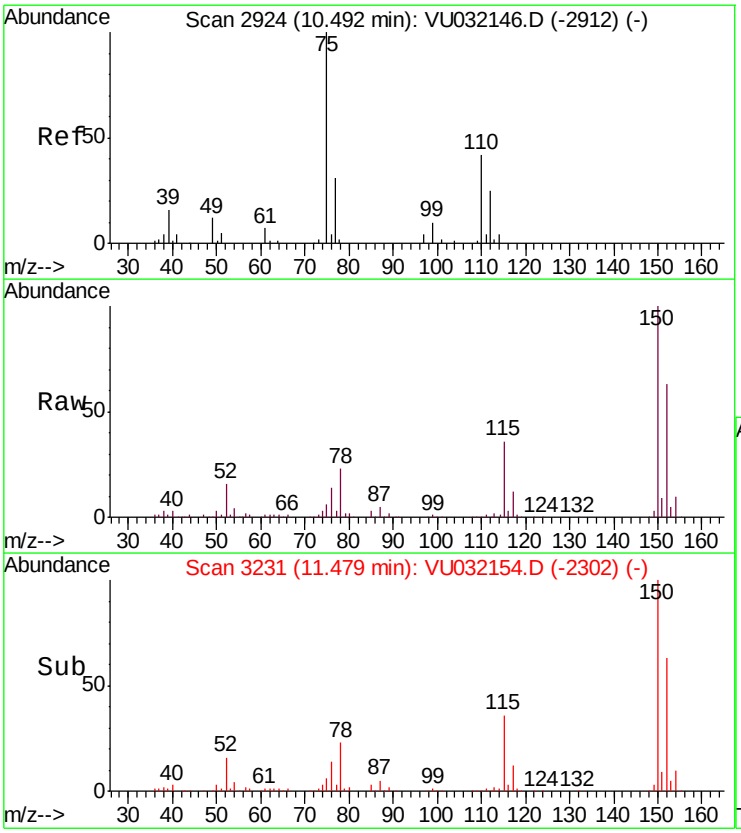
#49
Dibromochloromethane
Concen: 4.243 ug/L
RT: 8.47 min Scan# 2296
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion:129 Resp: 48366

Ion	Ratio	Lower	Upper
129	100		
127	72.3	55.2	102.6

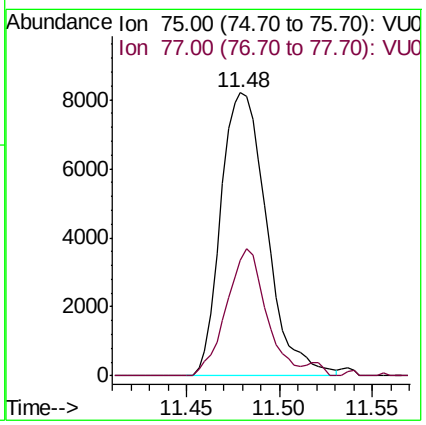


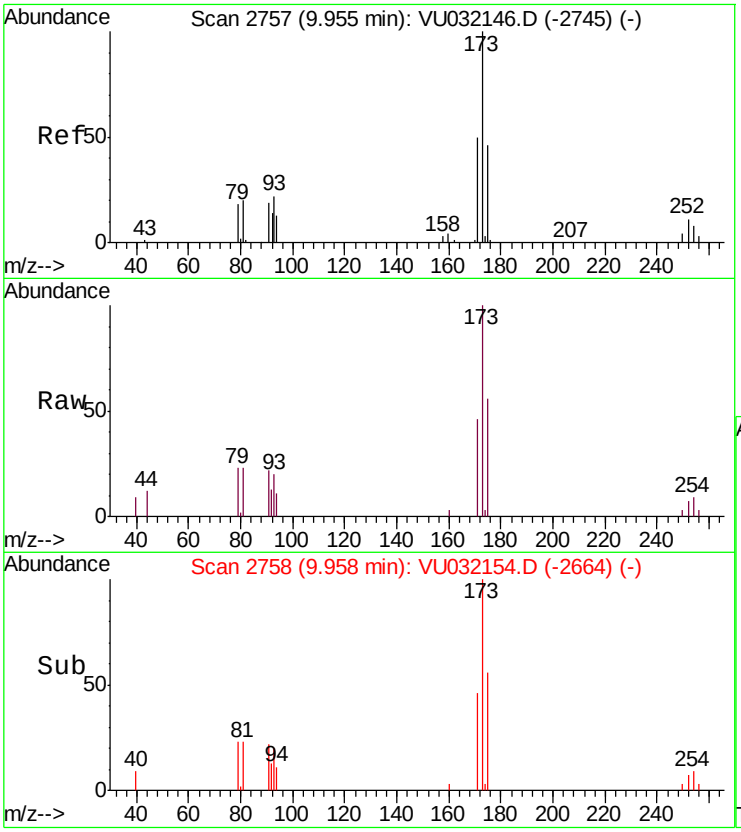


#59
1,2,3-Trichloropropane
Concen: 1.654 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Tgt Ion: 75 Resp: 14069

Ion	Ratio	Lower	Upper
75	100		
77	38.8	26.2	39.2





#61
Bromoform
Concen: 1.794 ug/L
RT: 9.96 min Scan# 2758
Delta R.T. 0.00 min
Lab File: VU032154.D
Acq: 20 May 2019 14:52

Instrument :
MSVOA_U
ClientSampleId :
F9W36

Tgt Ion:173 Resp: 9935

Ion	Ratio	Lower	Upper
173	100		
175	45.6	38.0	57.0
254	8.4	7.8	11.6