Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030408.D
Acq On : 25 Mar 2019 17:32
Operator : JC/SP
Sample : K2062-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2

Quant Time: Mar 26 01:29:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	461616	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	425571	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	166927	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	163748	44.08	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.16%			
7) Chloroethane-d5	1.67	69	138740	47.12	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.24%			
11) 1,1-Dichloroethene-d2	2.42	63	208	0.03	ug/L	0.15
Spiked Amount 50.000	Range 60 - 125		Recovery = 0.06%#			
21) 2-Butanone-d5	4.17	46	329305	94.29	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 94.29%			
24) Chloroform-d	4.64	84	297052	46.41	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.82%			
26) 1,2-Dichloroethane-d4	5.31	65	202196	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.54%			
32) Benzene-d6	5.34	84	607855	49.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.62%			
36) 1,2-Dichloropropane-d6	6.33	67	219177	52.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.98%			
41) Toluene-d8	7.56	98	533489	48.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.34%			
43) trans-1,3-Dichloropropene-	7.85	79	76785	39.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 78.22%			
47) 2-Hexanone-d5	8.31	63	219284	96.91	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.91%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291213	48.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.48%			
64) 1,2-Dichlorobenzene-d4	11.86	152	167953	50.21	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 100.42%			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	4574	0.803	ug/L	95
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	5994	1.779	ug/L #	73
12) 1,1-Dichloroethene	2.28	96	2936	0.889	ug/L #	1
13) Acetone	2.32	43	76252	21.590	ug/L	100
14) Carbon disulfide	2.47	76	5781	0.529	ug/L	98
15) Methyl Acetate	2.62	43	3598	0.665	ug/L #	100
20) cis-1,2-Dichloroethene	4.22	96	41449	10.666	ug/L	96
22) 2-Butanone	4.28	43	17429	4.083	ug/L	99
34) Trichloroethene	6.18	95	2338313	656.587	ug/L	99
46) Tetrachloroethene	8.22	164	1957	0.787	ug/L	84
48) 2-Hexanone	8.37	43	9006	1.591	ug/L #	92
51) Chlorobenzene	9.12	112	10293	1.130	ug/L	89
63) 1,4-Dichlorobenzene	11.50	146	8607	1.532	ug/L	91
65) 1,2-Dichlorobenzene	11.88	146	7941	1.439	ug/L	94
68) 1,2,4-trichlorobenzene	13.52	180	1626	0.458	ug/L #	67

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

Quantitation Report (Not Reviewed)

Data File : VU030408.D
Acq On : 25 Mar 2019 17:32
Operator : JC/SP
Sample : K2062-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2

Quant Time: Mar 26 01:29:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration

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

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

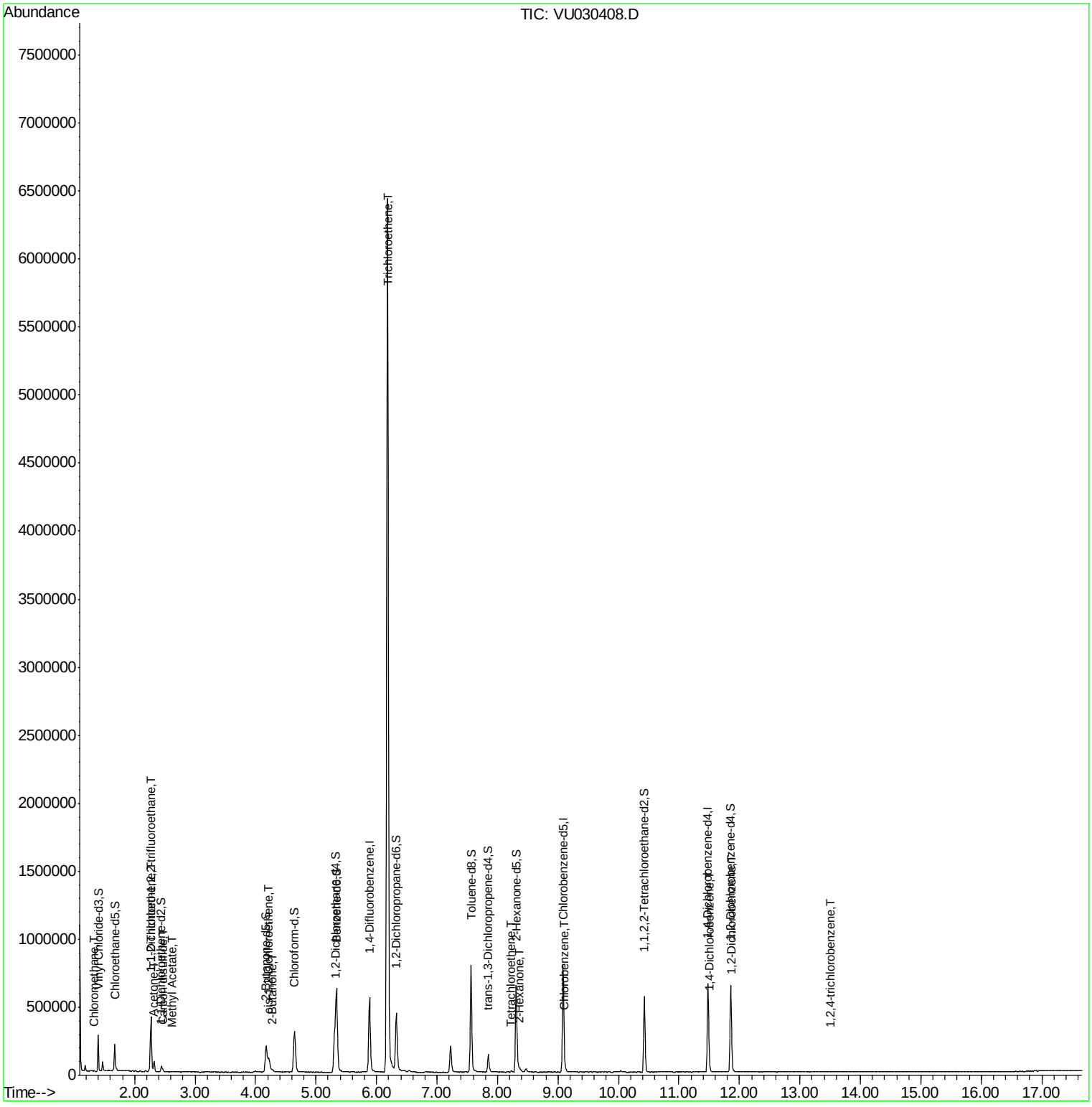
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032519\

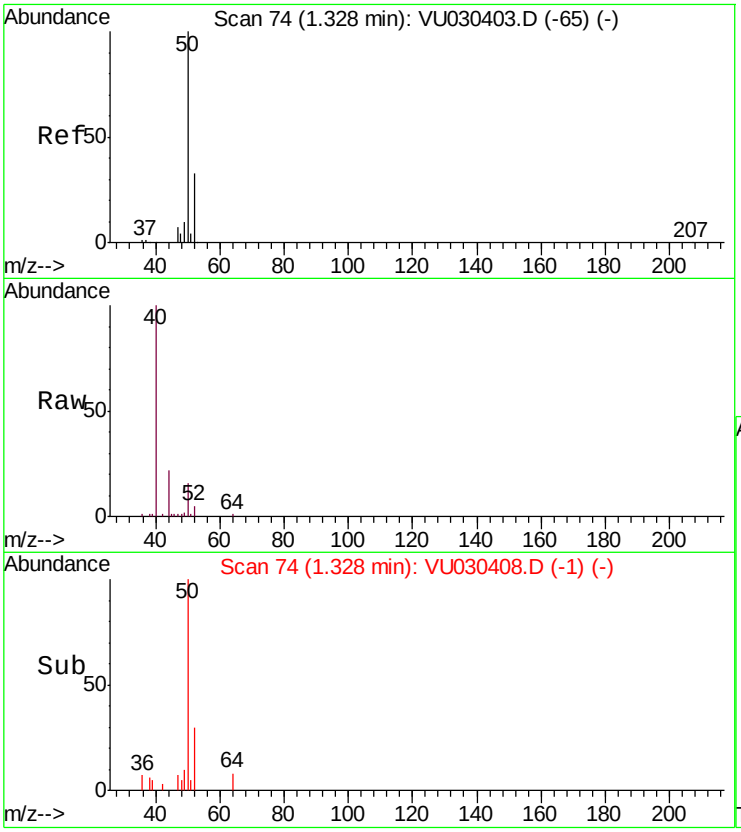
Quantitation Report (Not Reviewed)

Data File : VU030408.D
Acq On : 25 Mar 2019 17:32
Operator : JC/SP
Sample : K2062-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Quant Time: Mar 26 01:29:22 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



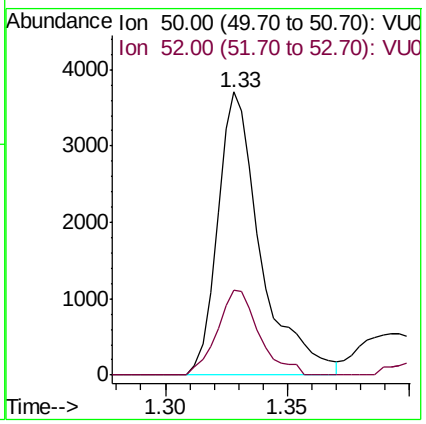


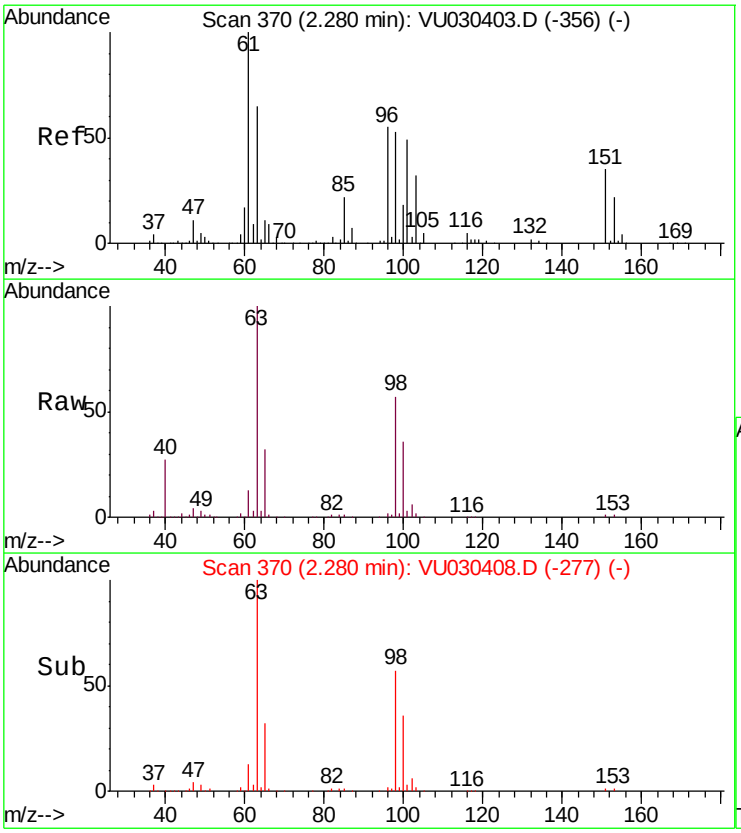
#3
Chloromethane
Concen: 0.803 ug/L
RT: 1.33 min Scan# 74
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Tgt Ion: 50 Resp: 4574

Ion	Ratio	Lower	Upper
50	100		
52	30.1	23.0	42.6

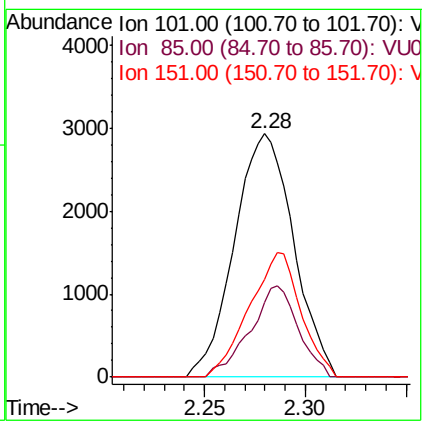


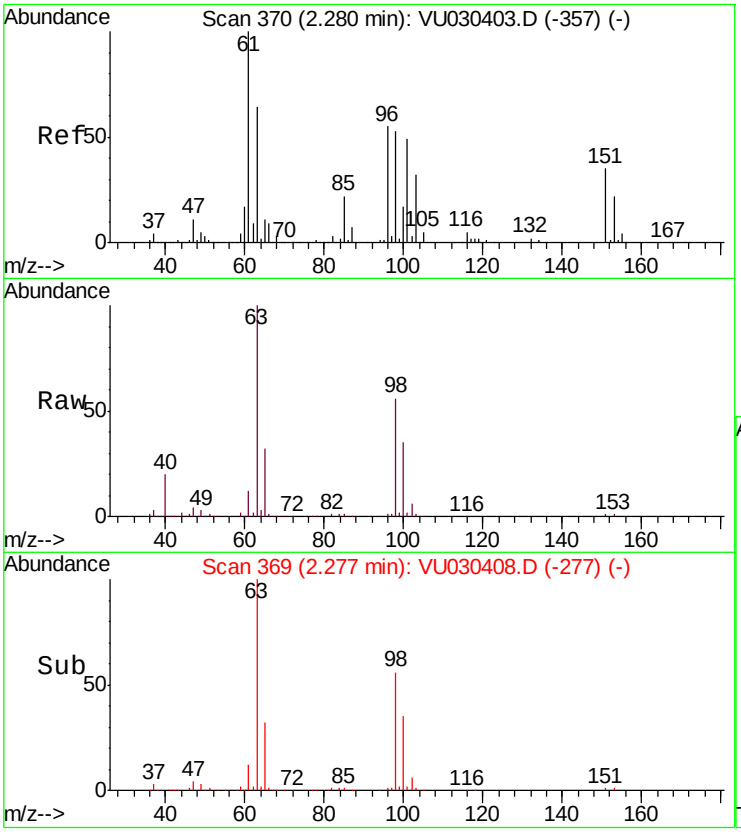


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 1.779 ug/L
RT: 2.28 min Scan# 370
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:101 Resp: 5994

Ion	Ratio	Lower	Upper
101	100		
85	30.6	34.8	52.2#
151	44.5	56.6	85.0#



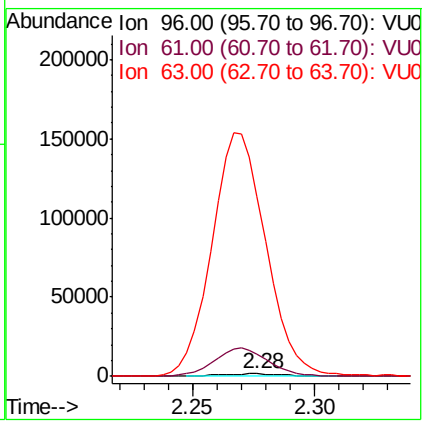


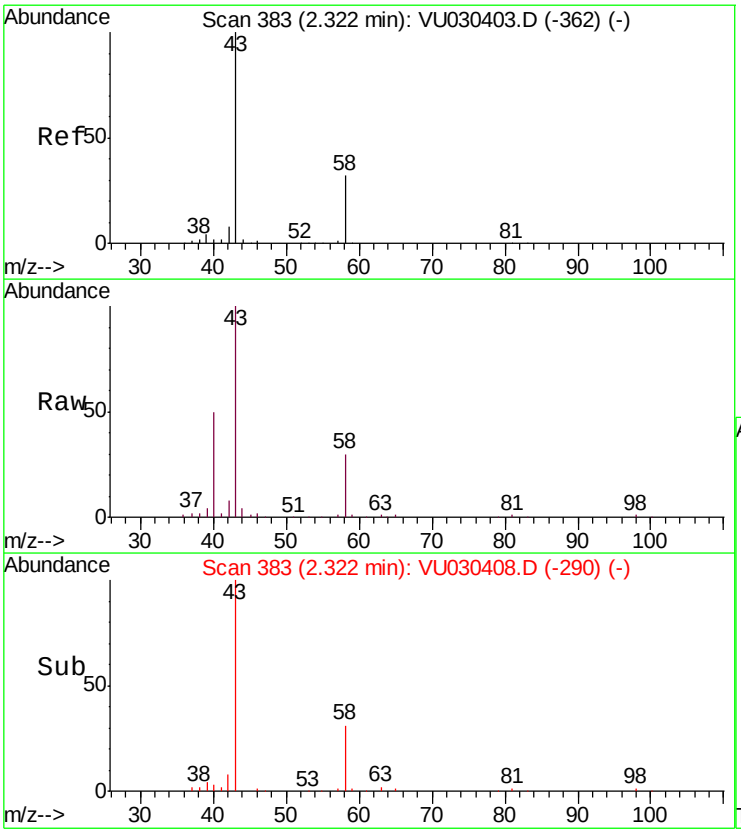
#12
1,1-Dichloroethene
Concen: 0.889 ug/L
RT: 2.28 min Scan# 369
Delta R.T. -0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument : MSVOA_U
ClientSampleId : BF1A2

Tgt Ion: 96 Resp: 2936

Ion	Ratio	Lower	Upper
96	100		
61	920.7	131.0	243.4#
63	7368.4	92.4	171.6#

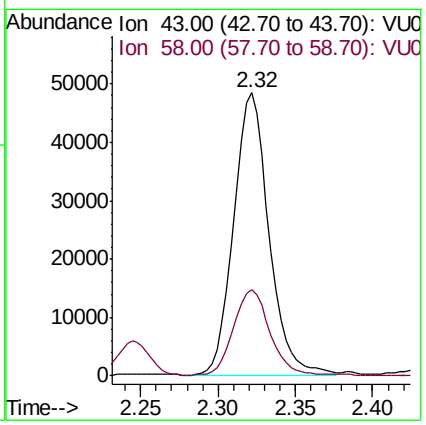


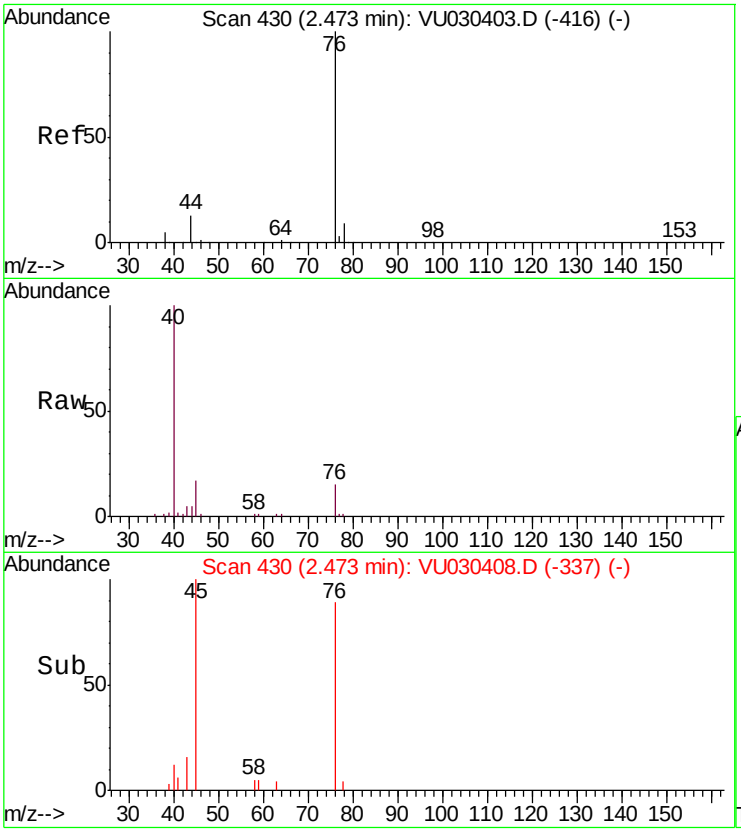


#13
Acetone
Concen: 21.590 ug/L
RT: 2.32 min Scan# 383
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 43 Resp: 76252

Ion	Ratio	Lower	Upper
43	100		
58	31.2	0.0	62.8



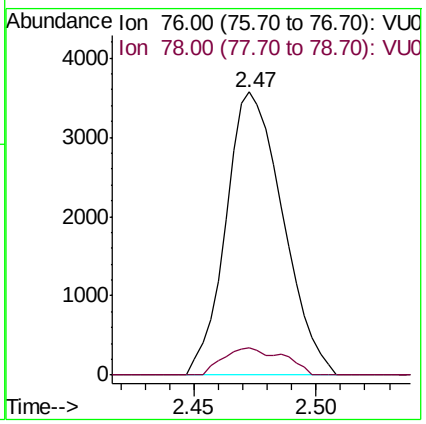


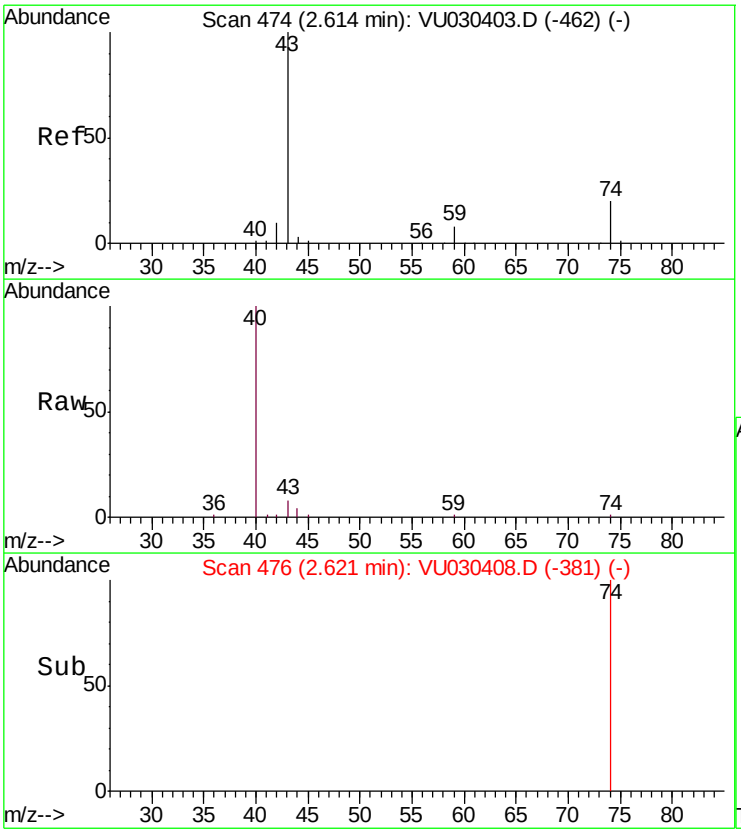
#14
Carbon disulfide
Concen: 0.529 ug/L
RT: 2.47 min Scan# 430
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument : MSVOA_U
ClientSampleId : BF1A2

Tgt Ion: 76 Resp: 5781

Ion	Ratio	Lower	Upper
76	100		
78	9.8	7.3	10.9

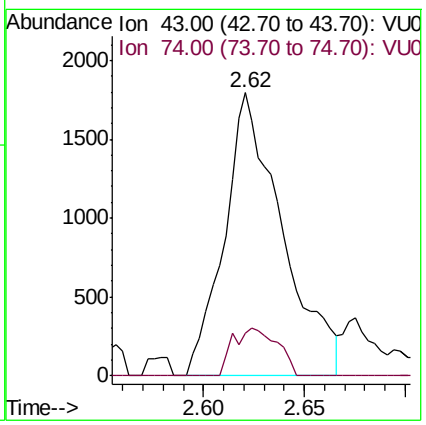


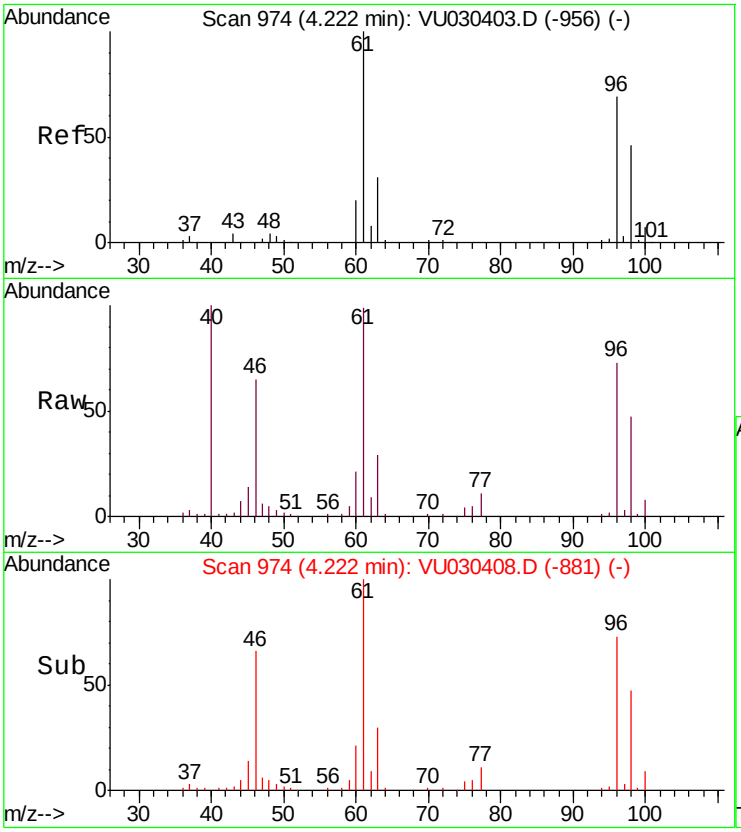


#15
Methyl Acetate
Concen: 0.665 ug/L
RT: 2.62 min Scan# 476
Delta R.T. 0.01 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 43 Resp: 3598

Ion	Ratio	Lower	Upper
43	100		
74	9.8	0.0	0.0#



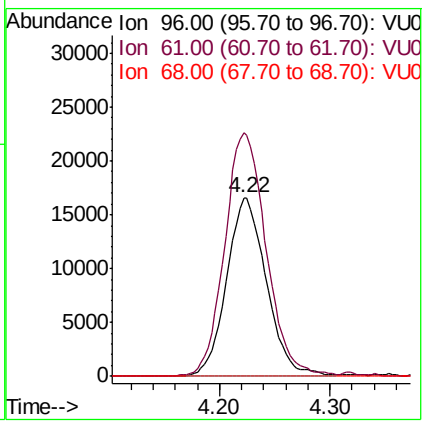


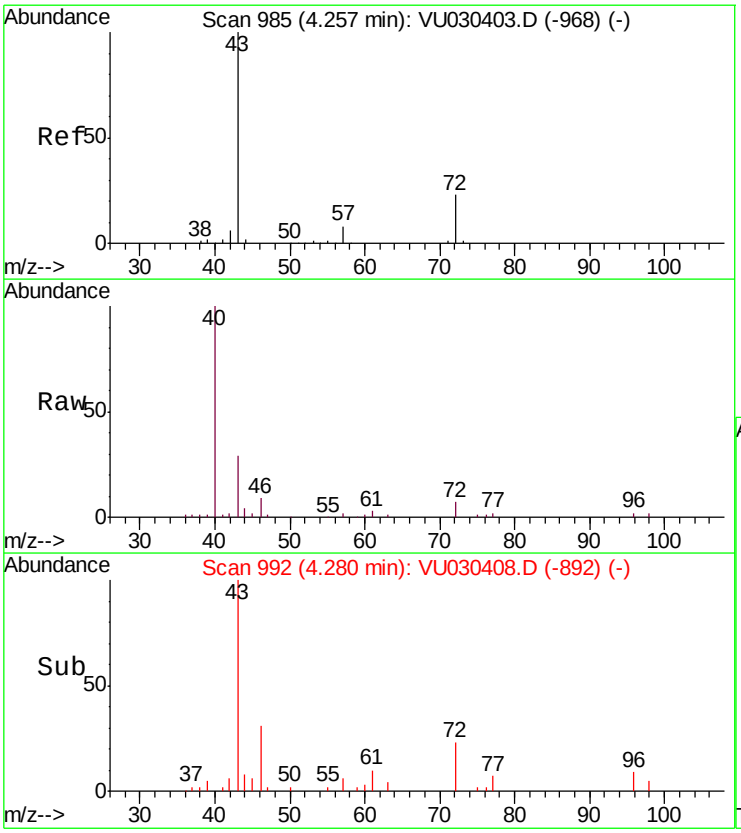
#20
cis-1,2-Dichloroethene
Concen: 10.666 ug/L
RT: 4.22 min Scan# 974
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Tgt Ion: 96 Resp: 41449

Ion	Ratio	Lower	Upper
96	100		
61	136.1	98.4	182.8
68	0.0	0.0	0.0

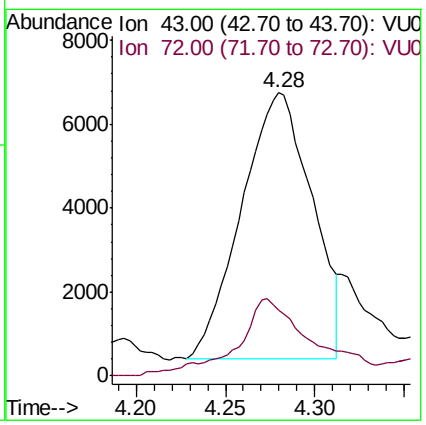


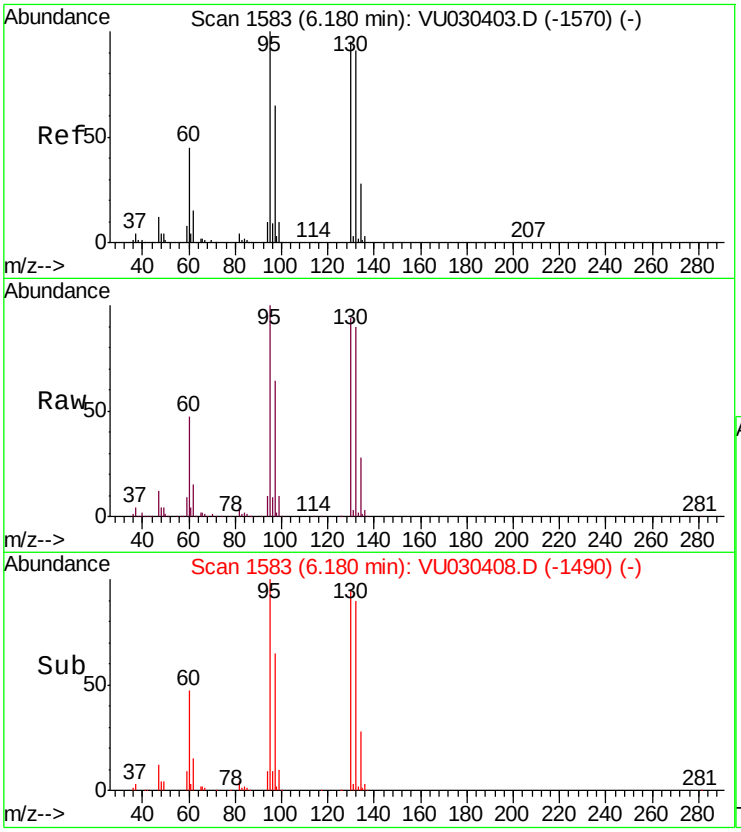


#22
2-Butanone
Concen: 4.083 ug/L
RT: 4.28 min Scan# 992
Delta R.T. 0.02 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion: 43 Resp: 17429

Ion	Ratio	Lower	Upper
43	100		
72	23.4	12.0	36.1



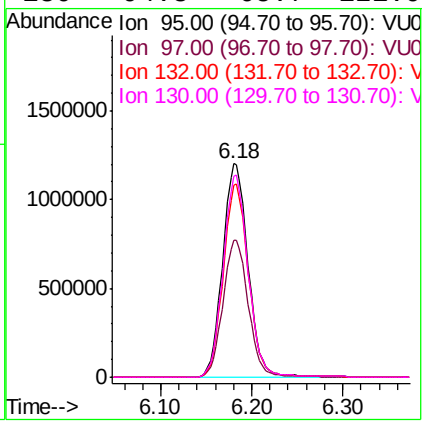


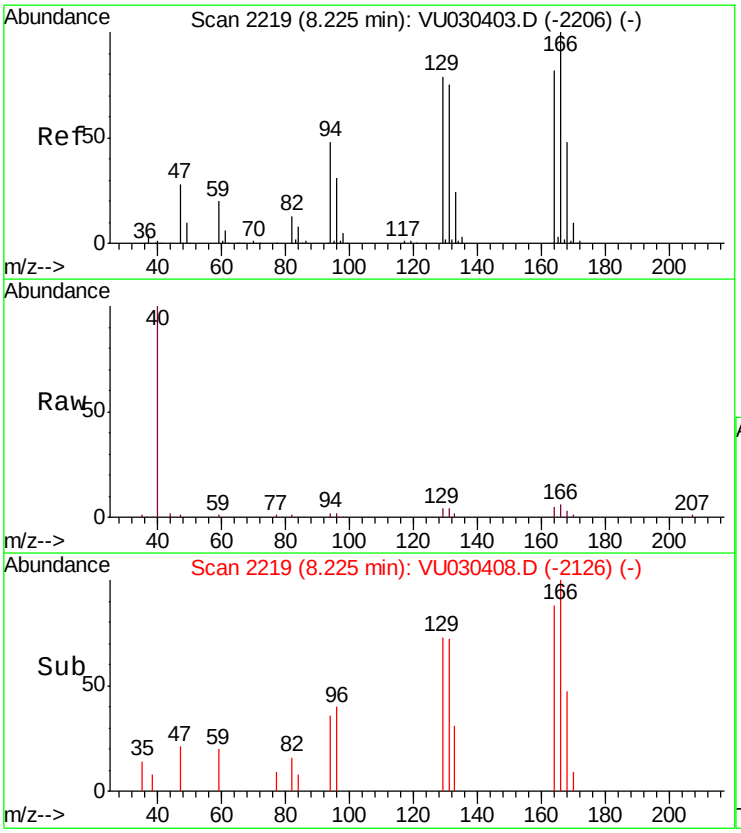
#34
Trichloroethene
Concen: 656.587 ug/L
RT: 6.18 min Scan# 1583
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Tgt Ion: 95 Resp: 2338313

Ion	Ratio	Lower	Upper
95	100		
97	64.4	45.7	84.9
132	89.7	63.8	118.4
130	94.3	65.7	121.9

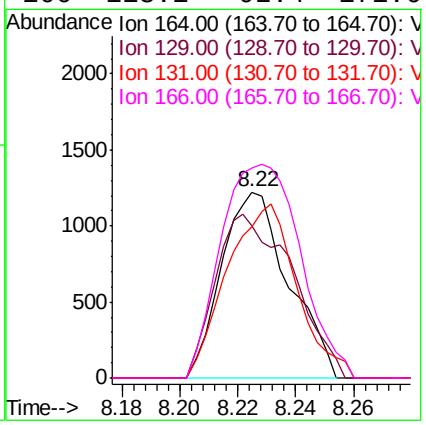


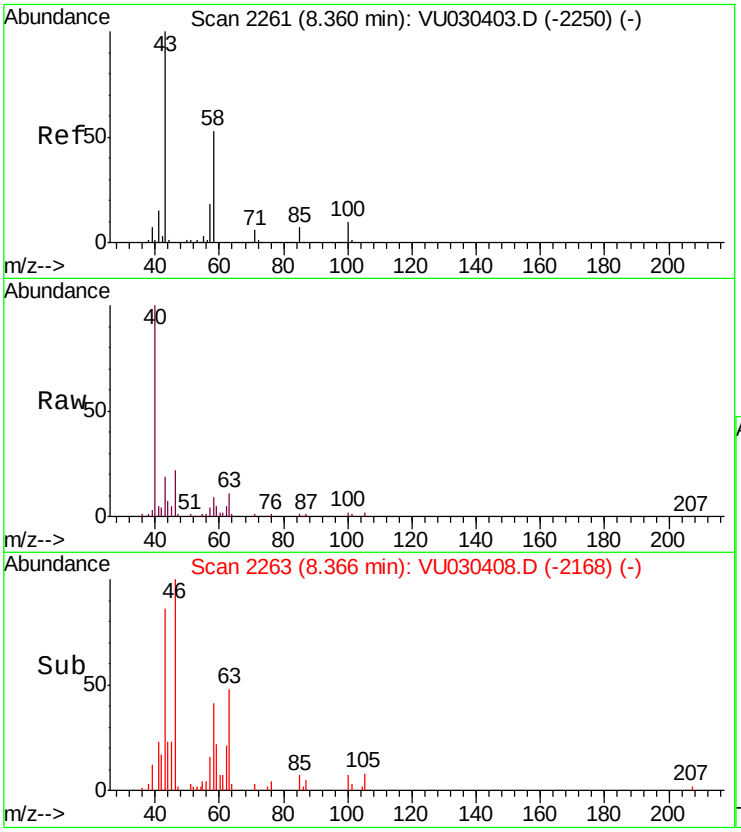


#46
Tetrachloroethene
Concen: 0.787 ug/L
RT: 8.22 min Scan# 2219
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:164 Resp: 1957

Ion	Ratio	Lower	Upper
164	100		
129	82.1	68.1	126.5
131	81.1	67.7	125.7
166	113.1	92.4	171.6



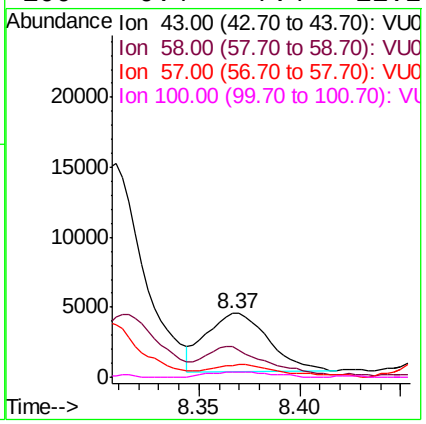


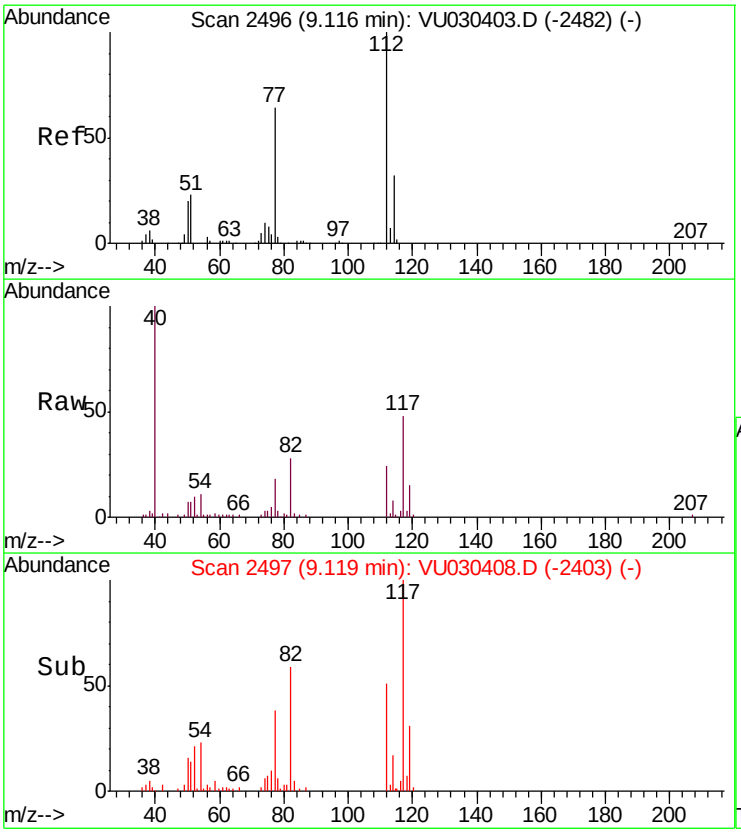
#48
2-Hexanone
Concen: 1.591 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument : MSVOA_U
ClientSampleId : BF1A2

Tgt Ion: 43 Resp: 9006

Ion	Ratio	Lower	Upper
43	100		
58	47.9	42.5	63.7
57	12.5	15.0	22.6#
100	9.4	7.4	11.2

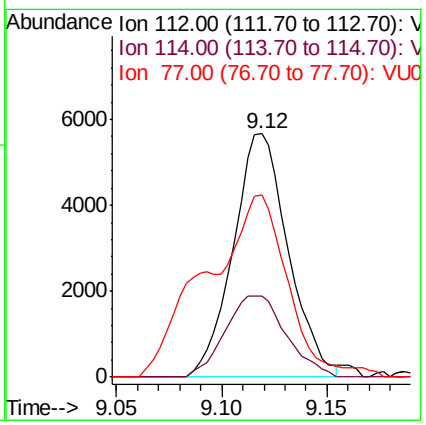


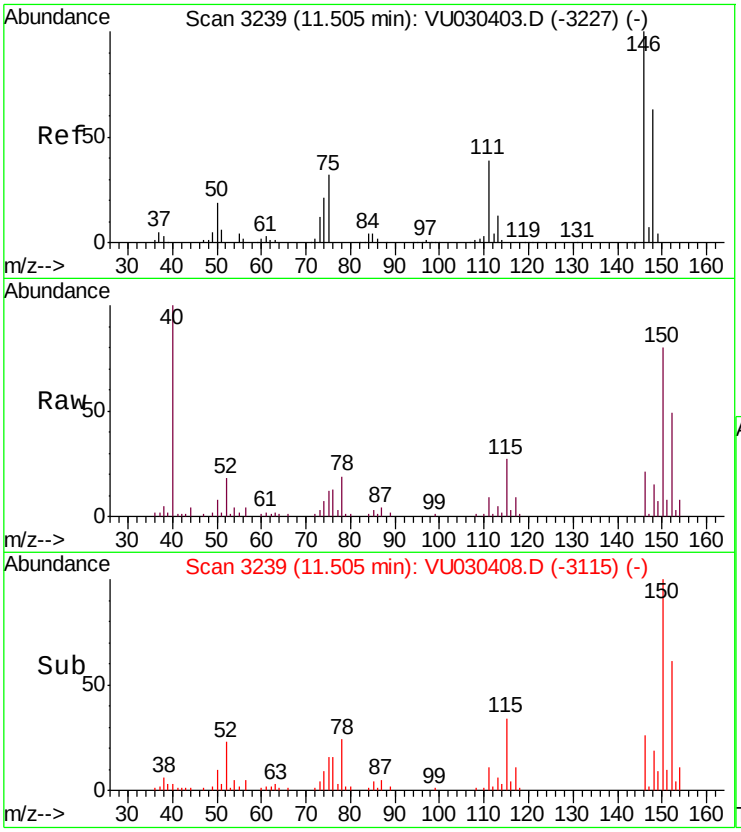


#51
Chlorobenzene
Concen: 1.130 ug/L
RT: 9.12 min Scan# 2497
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:112 Resp: 10293

Ion	Ratio	Lower	Upper
112	100		
114	33.2	21.5	39.9
77	75.0	51.4	77.0



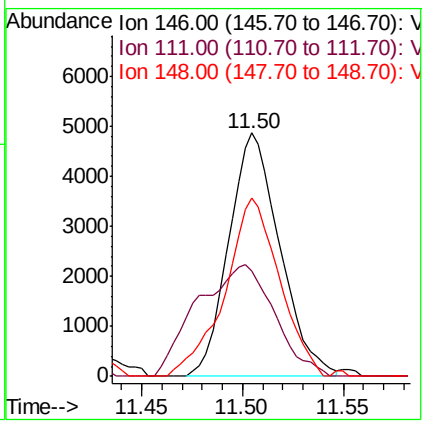


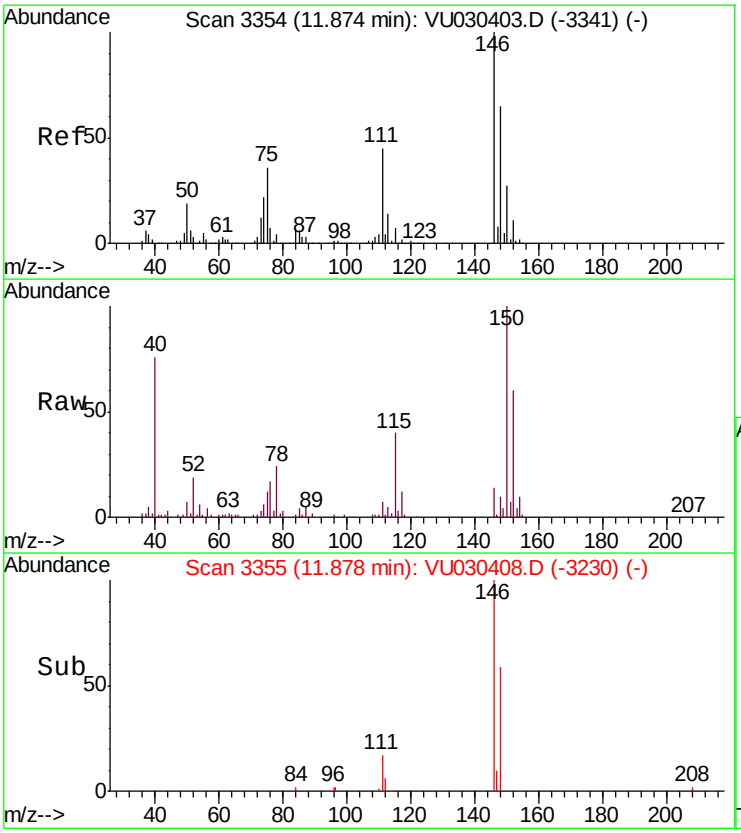
#63
1,4-Dichlorobenzene
Concen: 1.532 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Tgt Ion:146 Resp: 8607

Ion	Ratio	Lower	Upper
146	100		
111	43.3	28.7	53.3
148	73.4	44.3	82.3

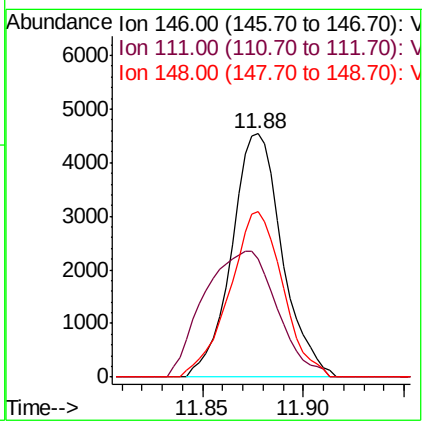


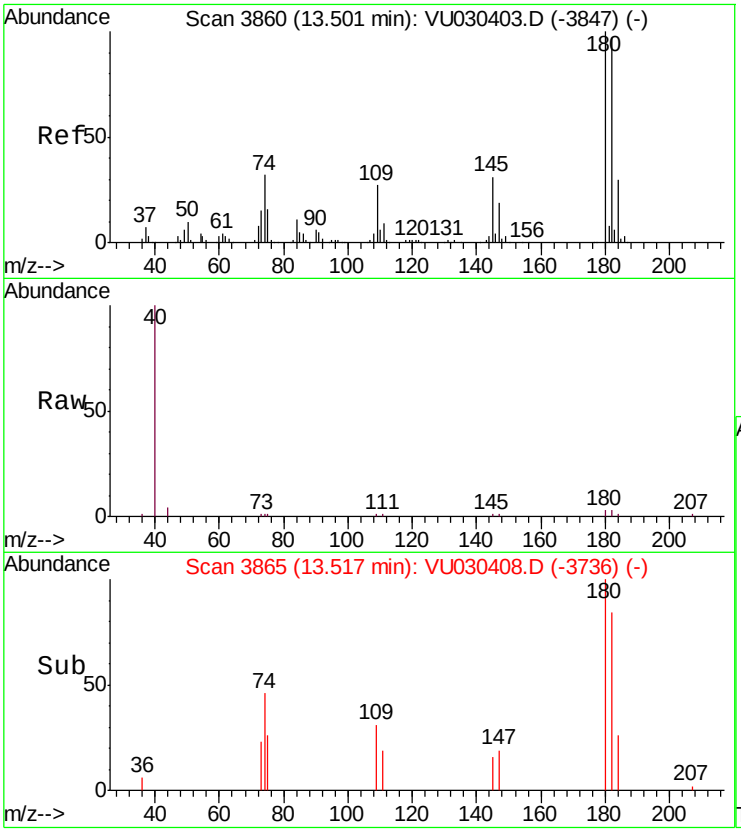


#65
1,2-Dichlorobenzene
Concen: 1.439 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Tgt Ion:146 Resp: 7941

Ion	Ratio	Lower	Upper
146	100		
111	48.8	34.9	52.3
148	67.8	51.2	76.8





#68
1,2,4-trichlorobenzene
Concen: 0.458 ug/L
RT: 13.52 min Scan# 3865
Delta R.T. 0.02 min
Lab File: VU030408.D
Acq: 25 Mar 2019 17:32

Instrument :
MSVOA_U
ClientSampleId :
BF1A2

Tgt Ion:180 Resp: 1626

Ion	Ratio	Lower	Upper
180	100		
182	64.3	76.1	114.1#
145	9.3	24.5	36.7#