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

Quantitation Report (Not Reviewed)

Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
Operator : JC/SP
Sample : K2062-07DL 10X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Quant Time: Mar 26 01:29:49 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	484266	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	450358	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175046	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	198183	50.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 101.70%			
7) Chloroethane-d5	1.67	69	153611	49.73	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 99.46%			
11) 1,1-Dichloroethene-d2	2.27	63	267802	36.22	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.44%			
21) 2-Butanone-d5	4.17	46	331145	90.39	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 90.39%			
24) Chloroform-d	4.64	84	309585	46.10	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.20%			
26) 1,2-Dichloroethane-d4	5.31	65	207128	47.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.28%			
32) Benzene-d6	5.34	84	646759	50.08	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.16%			
36) 1,2-Dichloropropane-d6	6.33	67	225935	51.13	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.26%			
41) Toluene-d8	7.56	98	550876	47.49	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.98%			
43) trans-1,3-Dichloropropene-	7.85	79	93827	45.16	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 90.32%			
47) 2-Hexanone-d5	8.31	63	221405	92.46	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 92.46%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	293169	46.36	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.72%			
64) 1,2-Dichlorobenzene-d4	11.86	152	177712	50.67	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 101.34%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2130	0.603	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	2092	0.604	ug/L #	1
13) Acetone	2.32	43	5683	1.534	ug/L	91
20) cis-1,2-Dichloroethene	4.23	96	3395	0.833	ug/L	89
34) Trichloroethene	6.18	95	182530	48.433	ug/L	99
48) 2-Hexanone	8.31	43	26488	4.422	ug/L #	68
51) Chlorobenzene	9.12	112	9326	0.967	ug/L	94
59) 1,2,3-Trichloropropane	11.48	75	26440	4.993	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	7418	1.259	ug/L	92
65) 1,2-Dichlorobenzene	11.88	146	6652	1.149	ug/L	93

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

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

Quantitation Report (Not Reviewed)

Data File : VU030410.D
Acq On : 25 Mar 2019 18:19
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Sample : K2062-07DL 10X
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Instrument : MSVOA_U
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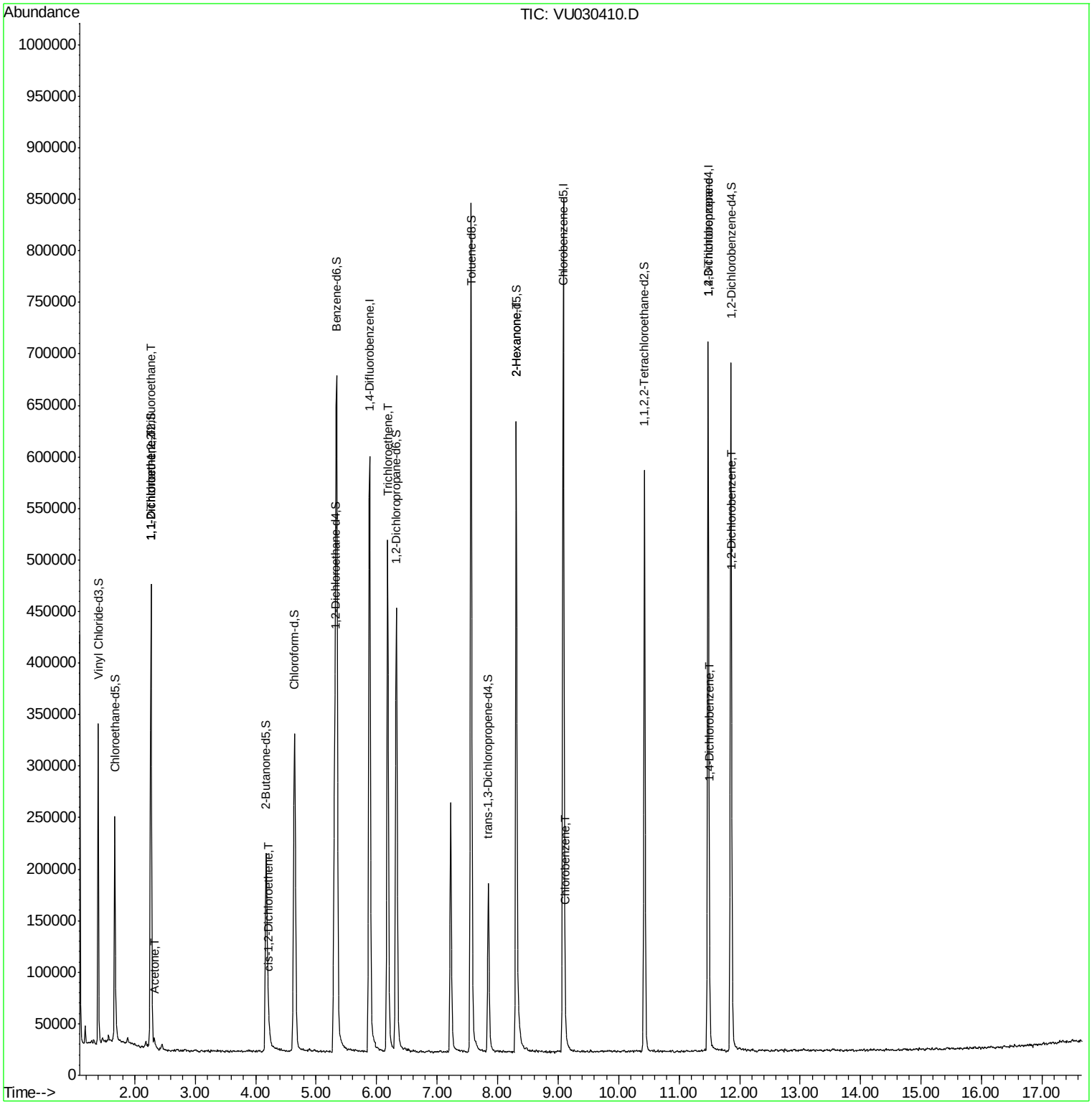
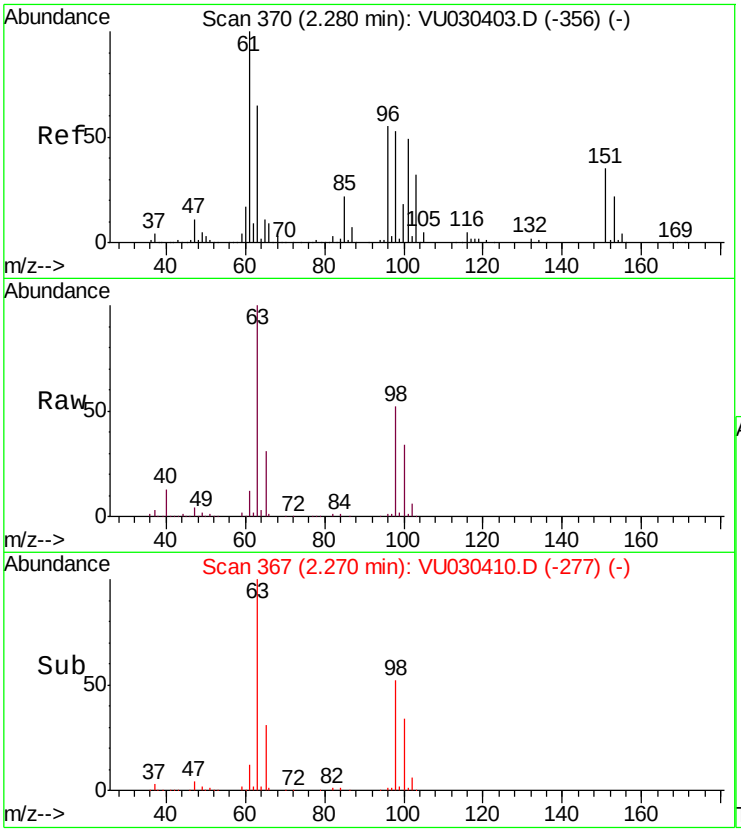
Quant Time: Mar 26 01:29:49 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Mar 26 01:25:56 2019
Response via : Initial Calibration



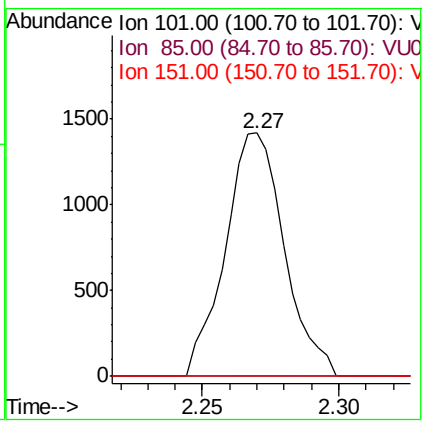


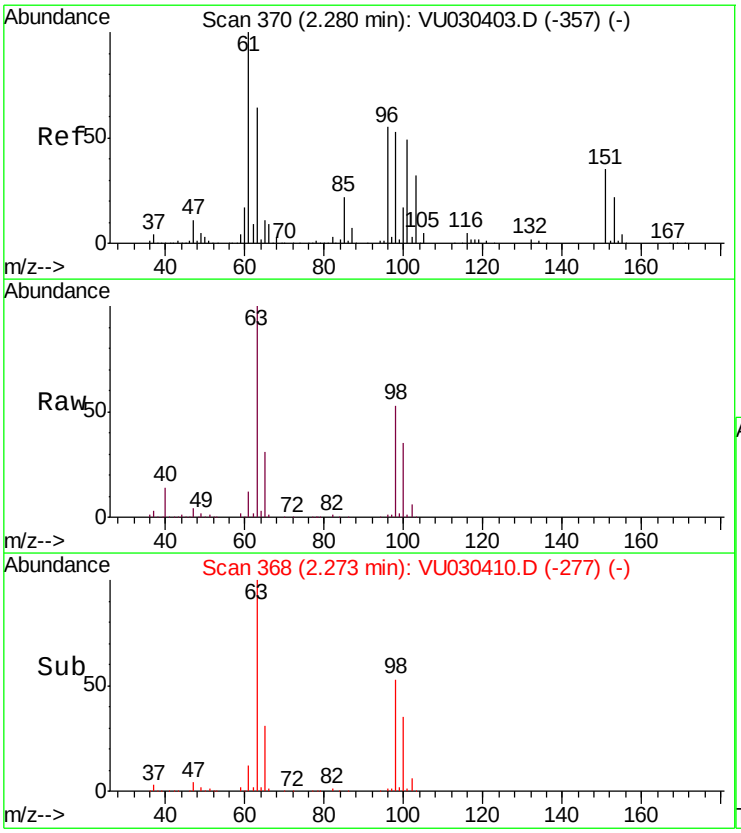
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.603 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Tgt Ion:101 Resp: 2130

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

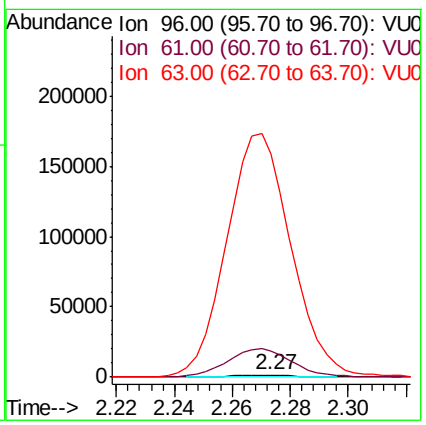


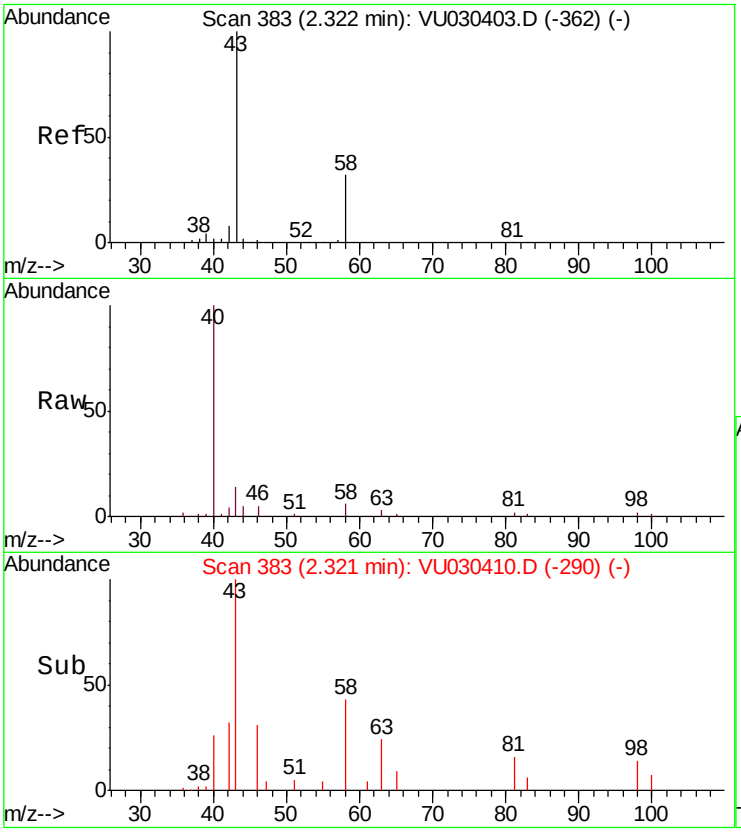


#12
1,1-Dichloroethene
Concen: 0.604 ug/L
RT: 2.27 min Scan# 368
Delta R.T. -0.01 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Tgt Ion: 96 Resp: 2092

Ion	Ratio	Lower	Upper
96	100		
61	1463.7	131.0	243.4#
63	12512.3	92.4	171.6#



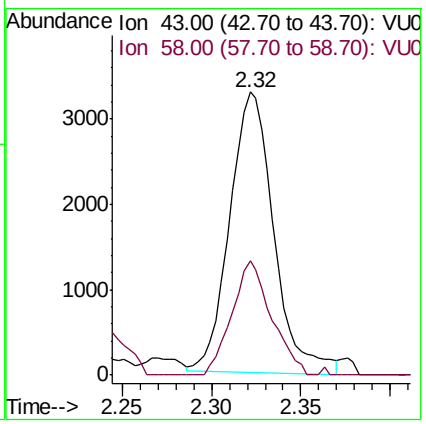


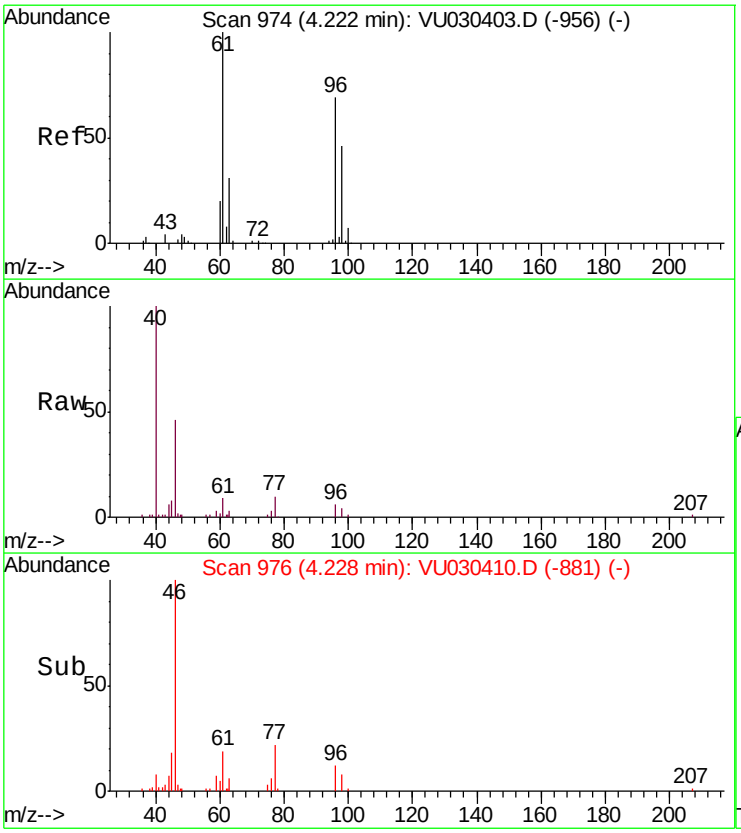
#13
Acetone
Concen: 1.534 ug/L
RT: 2.32 min Scan# 383
Delta R.T. -0.00 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF1A2DL

Tgt Ion: 43 Resp: 5683

Ion	Ratio	Lower	Upper
43	100		
58	36.3	0.0	62.8

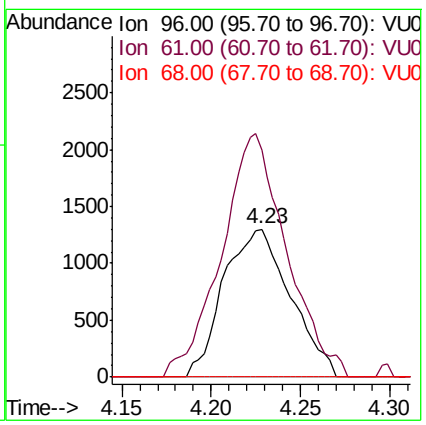


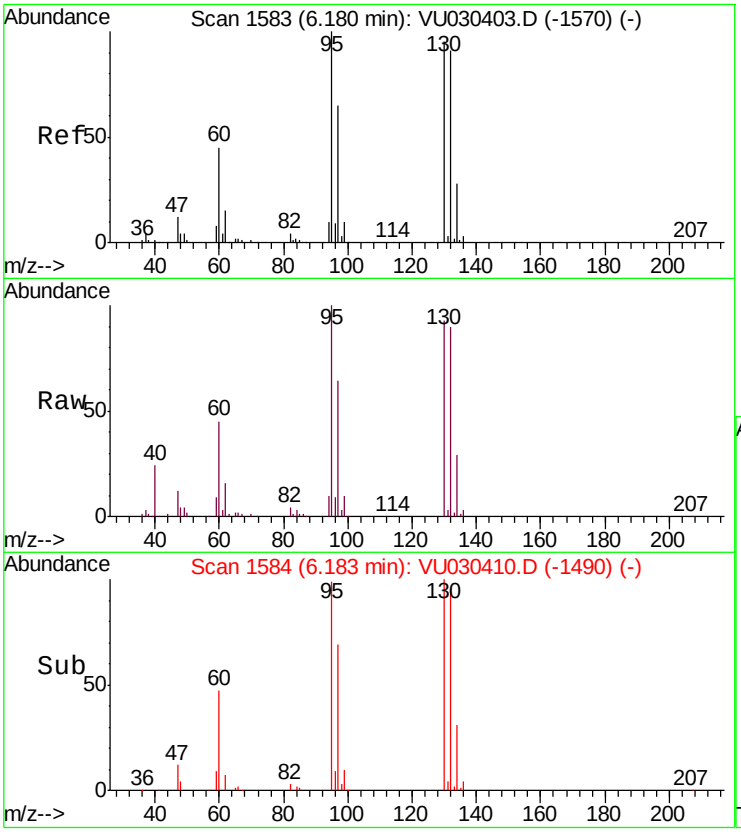


#20
cis-1,2-Dichloroethene
Concen: 0.833 ug/L
RT: 4.23 min Scan# 976
Delta R.T. 0.01 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Tgt Ion: 96 Resp: 3395

Ion	Ratio	Lower	Upper
96	100		
61	153.6	98.4	182.8
68	0.0	0.0	0.0



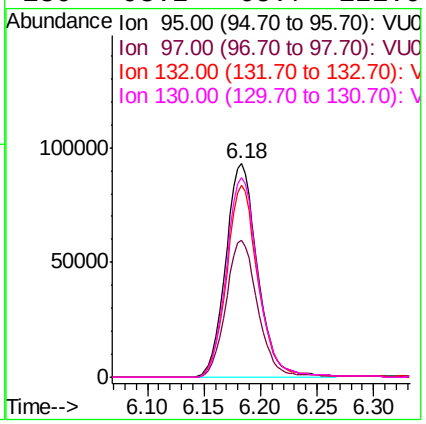


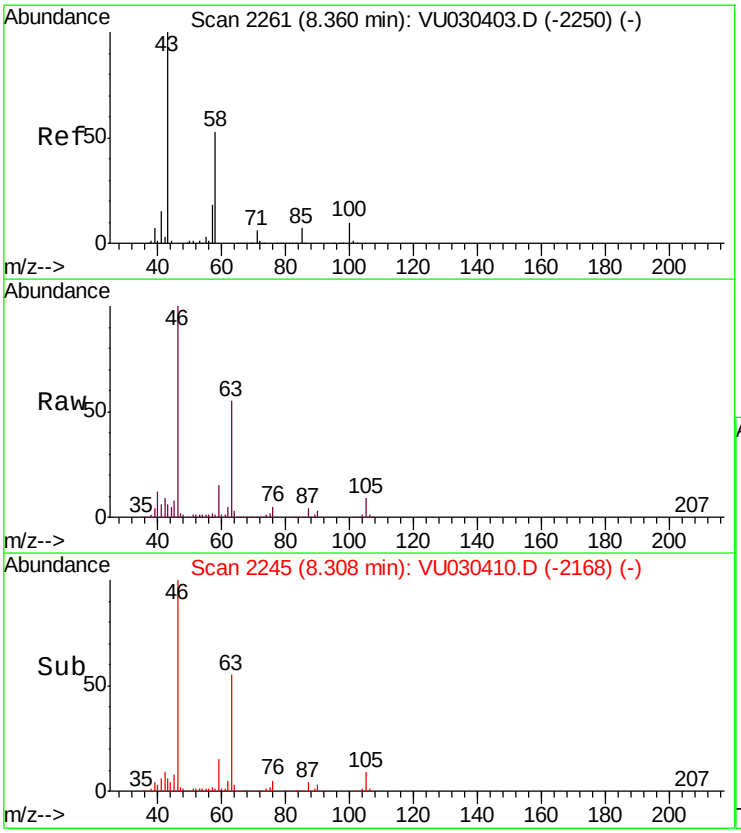
#34
Trichloroethene
Concen: 48.433 ug/L
RT: 6.18 min Scan# 1584
Delta R.T. 0.00 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF1A2DL

Tgt Ion: 95 Resp: 182530

Ion	Ratio	Lower	Upper
95	100		
97	64.1	45.7	84.9
132	89.7	63.8	118.4
130	93.2	65.7	121.9

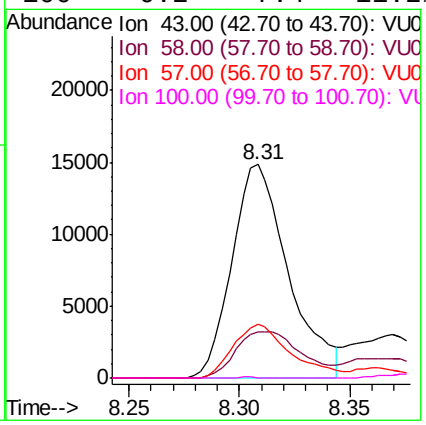


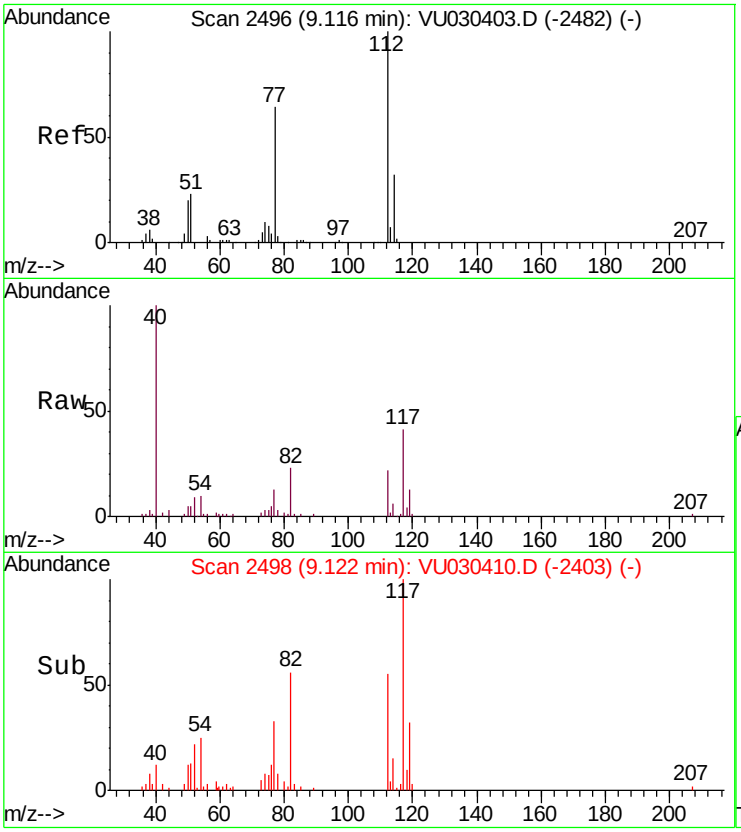


#48
2-Hexanone
Concen: 4.422 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Tgt Ion: 43 Resp: 26488

Ion	Ratio	Lower	Upper
43	100		
58	24.8	42.5	63.7#
57	25.5	15.0	22.6#
100	0.2	7.4	11.2#



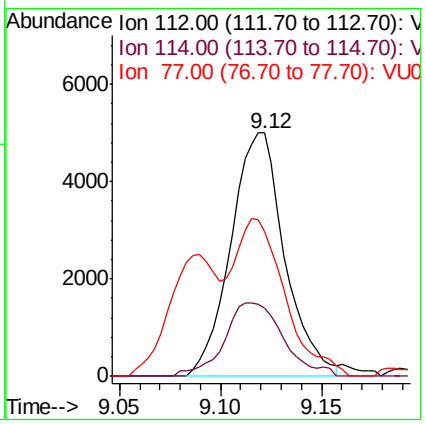


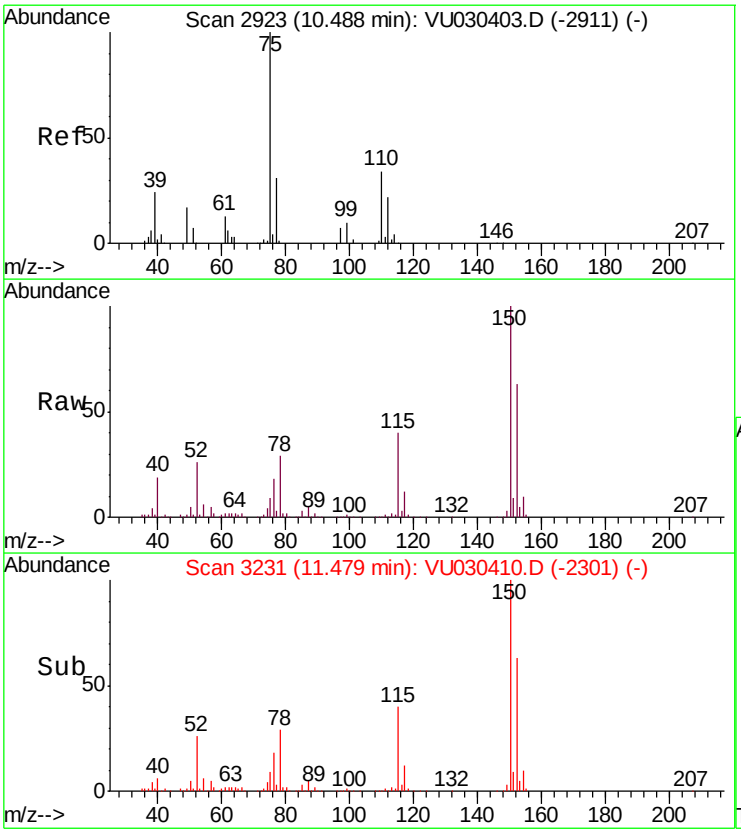
#51
Chlorobenzene
Concen: 0.967 ug/L
RT: 9.12 min Scan# 2498
Delta R.T. 0.01 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Instrument : MSVOA_U
ClientSampleId : BF1A2DL

Tgt Ion:112 Resp: 9326

Ion	Ratio	Lower	Upper
112	100		
114	27.8	21.5	39.9
77	59.3	51.4	77.0

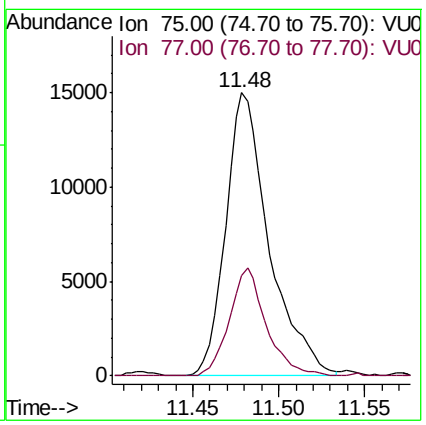


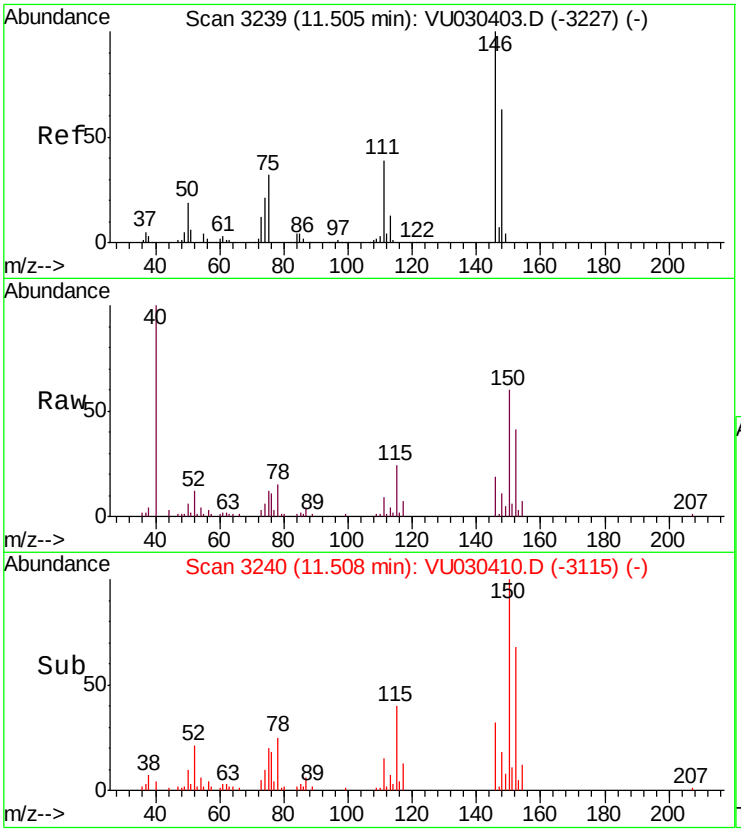


#59
1,2,3-Trichloropropane
Concen: 4.993 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Tgt Ion: 75 Resp: 26440

Ion	Ratio	Lower	Upper
75	100		
77	32.2	25.4	38.2



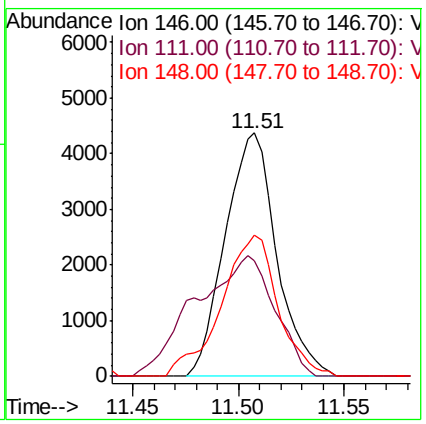


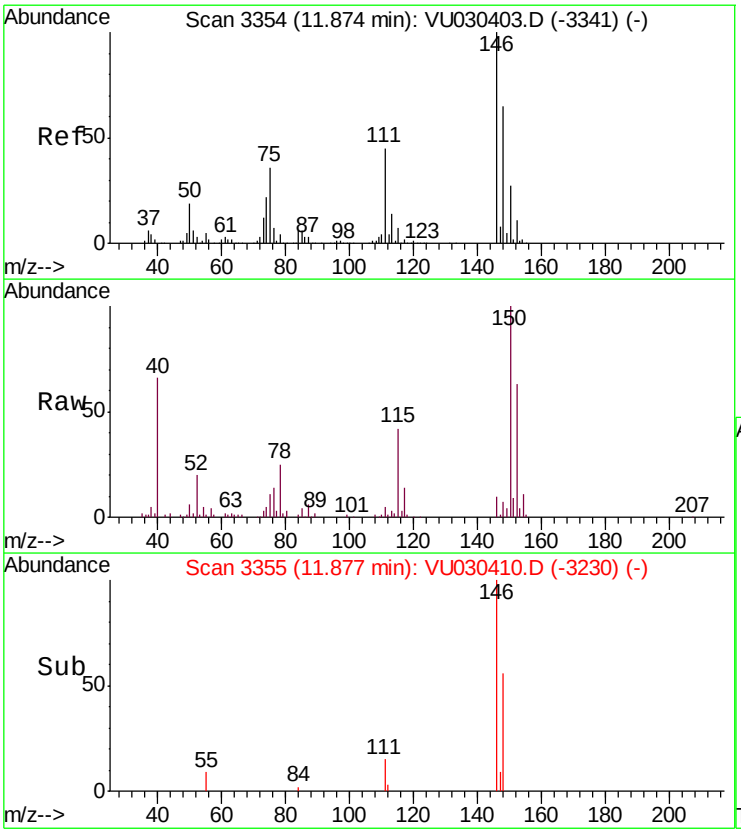
#63
1,4-Dichlorobenzene
Concen: 1.259 ug/L
RT: 11.51 min Scan# 3240
Delta R.T. 0.00 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Instrument :
MSVOA_U
ClientSampleId :
BF1A2DL

Tgt Ion:146 Resp: 7418

Ion	Ratio	Lower	Upper
146	100		
111	47.5	28.7	53.3
148	58.1	44.3	82.3





#65
1,2-Dichlorobenzene
Concen: 1.149 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030410.D
Acq: 25 Mar 2019 18:19

Tgt Ion:146 Resp: 6652

Ion	Ratio	Lower	Upper
146	100		
111	51.3	34.9	52.3
148	66.4	51.2	76.8