Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030233.D
Acq On : 20 Mar 2019 19:23
Operator : JC/SP
Sample : K1967-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0976

Quant Time: Mar 22 01:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	519877	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	510233	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	256434	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151357	43.06	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.12%			
7) Chloroethane-d5	1.68	69	130774	46.52	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.04%			
11) 1,1-Dichloroethene-d2	2.27	63	214066	33.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 66.76%			
21) 2-Butanone-d5	4.17	46	260977	100.07	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 100.07%			
24) Chloroform-d	4.65	84	304152	47.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 94.30%			
26) 1,2-Dichloroethane-d4	5.31	65	176538	47.98	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.96%			
32) Benzene-d6	5.34	84	642695	47.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.60%			
36) 1,2-Dichloropropane-d6	6.33	67	203536	48.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 97.84%			
41) Toluene-d8	7.56	98	571458	45.20	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.40%			
43) trans-1,3-Dichloropropene-	7.85	79	92470	45.65	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 91.30%			
47) 2-Hexanone-d5	8.31	63	213285	98.86	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.86%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	307965	48.26	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 96.52%			
64) 1,2-Dichlorobenzene-d4	11.85	152	250989	48.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.50%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2287	0.655	ug/L #	18
13) Acetone	2.32	43	3817	1.401	ug/L	95
25) Chloroform	4.67	83	4059	0.620	ug/L	76
27) 1,2-Dichloroethane	5.39	62	4320	0.931	ug/L #	72
33) Benzene	5.39	78	574708	39.040	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	3494	0.668	ug/L #	83
48) 2-Hexanone	8.31	43	19467	4.527	ug/L #	66
51) Chlorobenzene	9.12	112	4430674	417.965	ug/L	99
59) 1,2,3-Trichloropropane	11.41	75	21319	4.184	ug/L #	44
62) 1,3-Dichlorobenzene	11.41	146	80492	9.838	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	759006	89.438	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	959222	114.754	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	34939	5.464	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	34939	6.179	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	6046	1.025	ug/L #	95

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

Quantitation Report (Not Reviewed)

Data File : VU030233.D
Acq On : 20 Mar 2019 19:23
Operator : JC/SP
Sample : K1967-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0976

Quant Time: Mar 22 01:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration

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

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

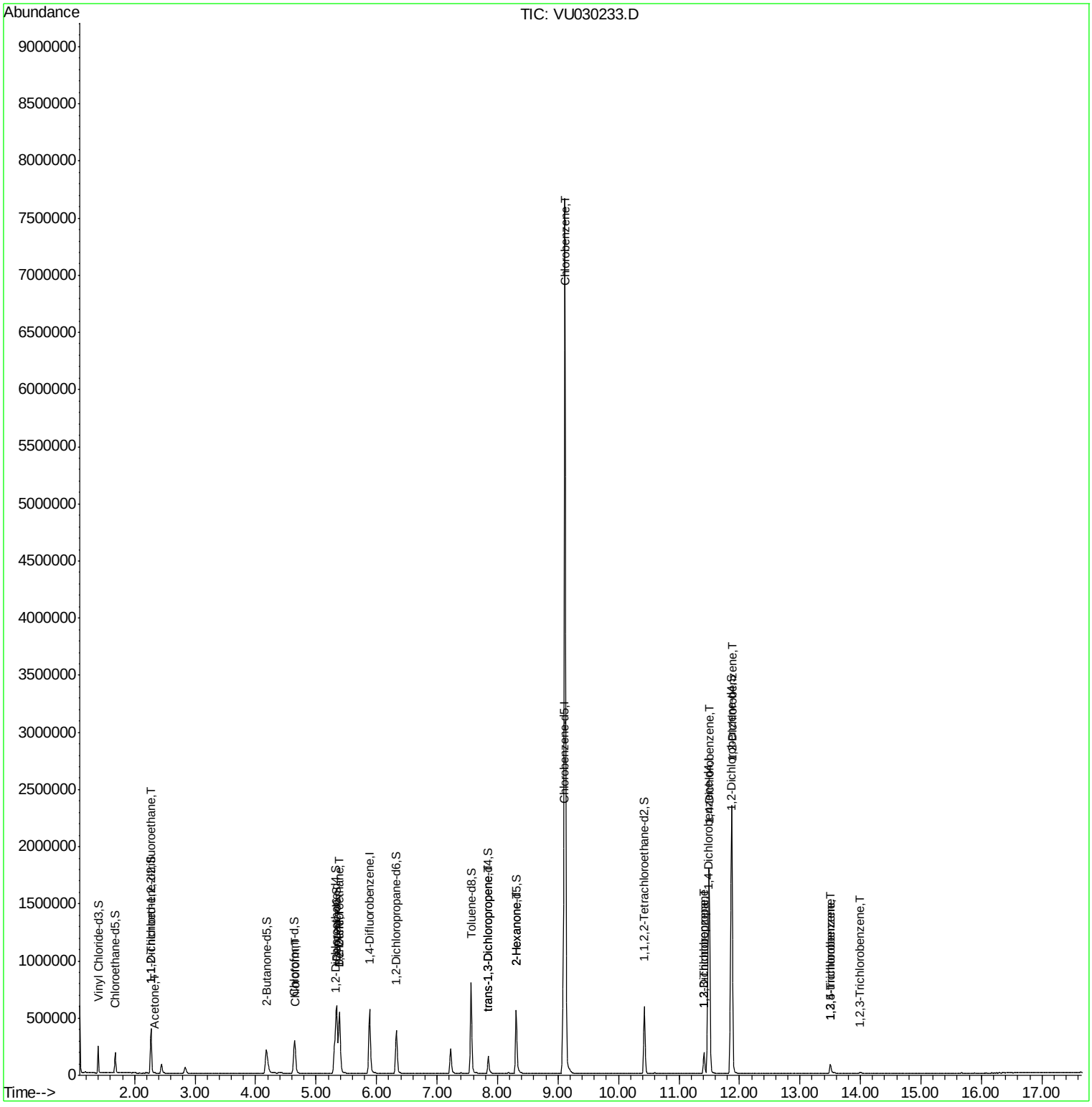
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032019\

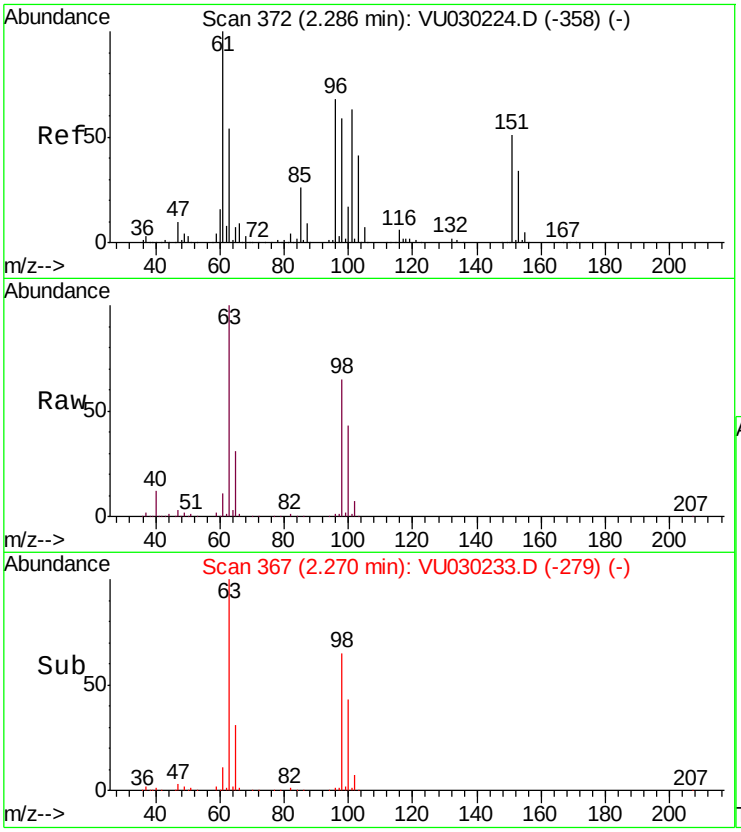
Quantitation Report (Not Reviewed)

Data File : VU030233.D
Acq On : 20 Mar 2019 19:23
Operator : JC/SP
Sample : K1967-20
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0976

Quant Time: Mar 22 01:31:36 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 01:27:23 2019
Response via : Initial Calibration



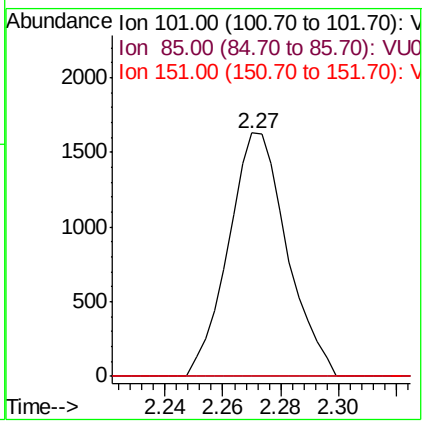


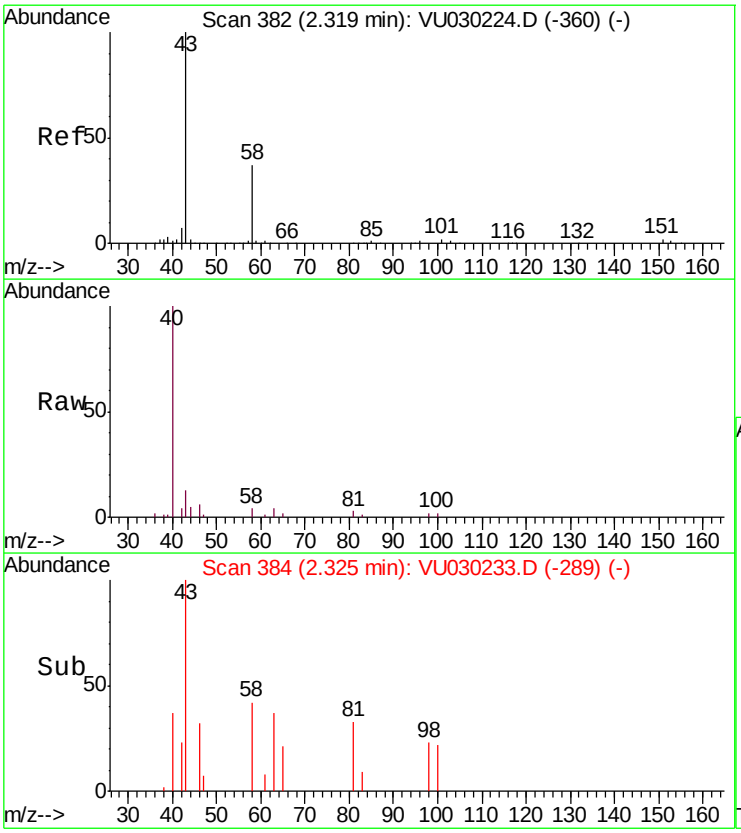
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.655 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument : MSVOA_U
ClientSampleId : C0976

Tgt Ion:101 Resp: 2287

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#

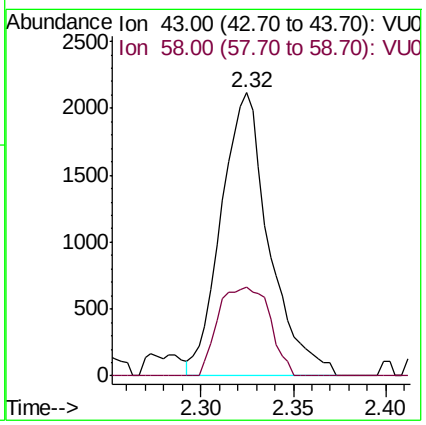


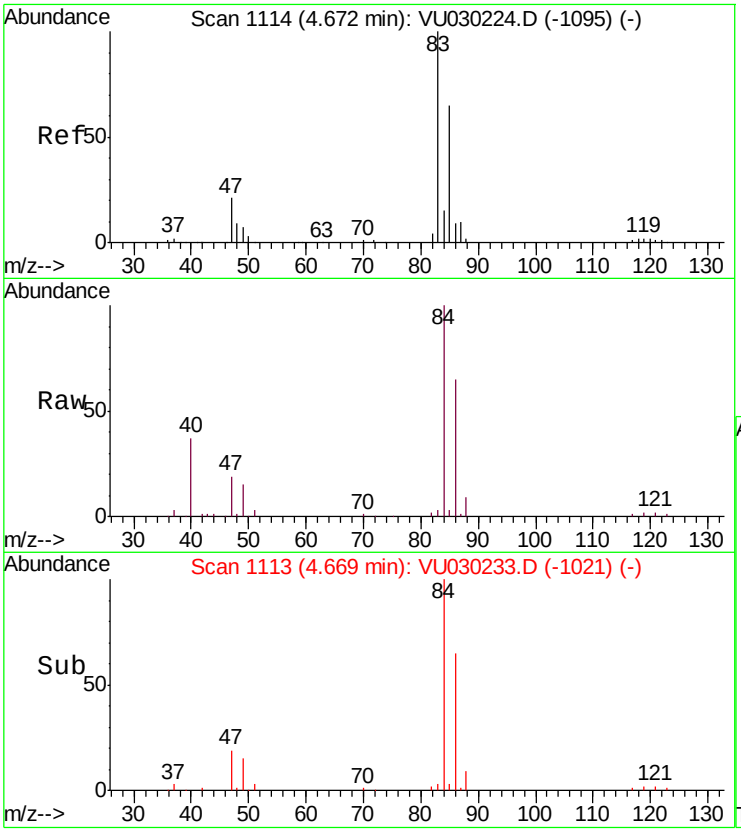


#13
Acetone
Concen: 1.401 ug/L
RT: 2.32 min Scan# 384
Delta R.T. 0.01 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion: 43 Resp: 3817

Ion	Ratio	Lower	Upper
43	100		
58	33.6	0.0	73.4



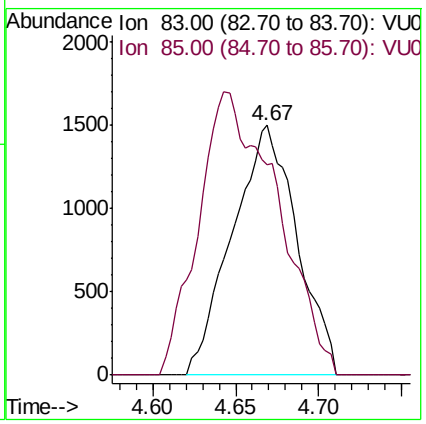


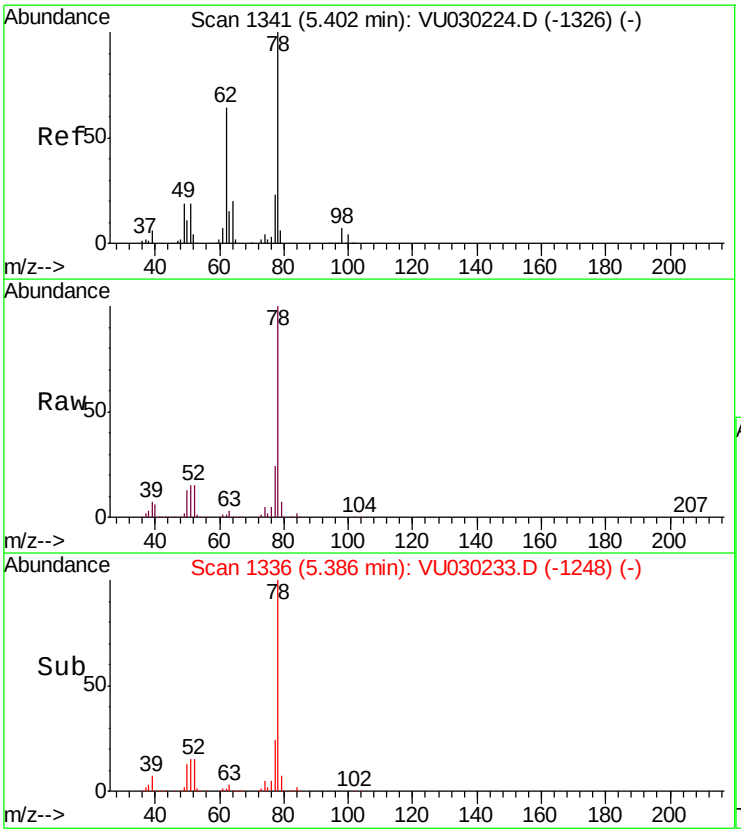
#25
Chloroform
Concen: 0.620 ug/L
RT: 4.67 min Scan# 1113
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument : MSVOA_U
ClientSampleId : C0976

Tgt Ion: 83 Resp: 4059

Ion	Ratio	Lower	Upper
83	100		
85	84.3	45.8	85.2

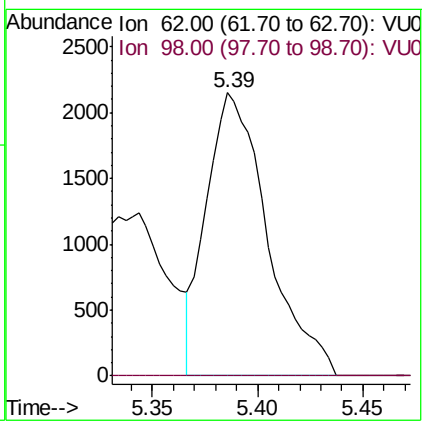


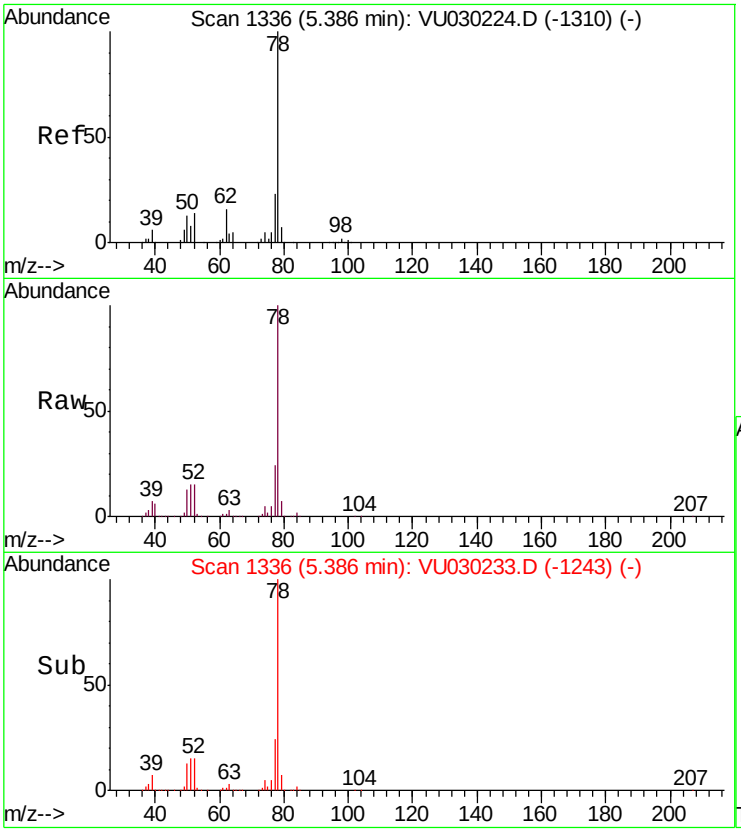


#27
1,2-Dichloroethane
Concen: 0.931 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.02 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion: 62 Resp: 4320

Ion	Ratio	Lower	Upper
62	100		
98	0.0	8.6	12.8#

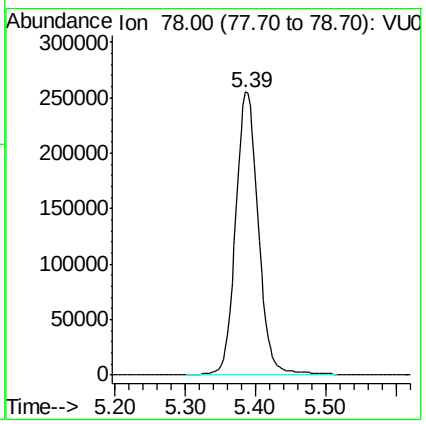


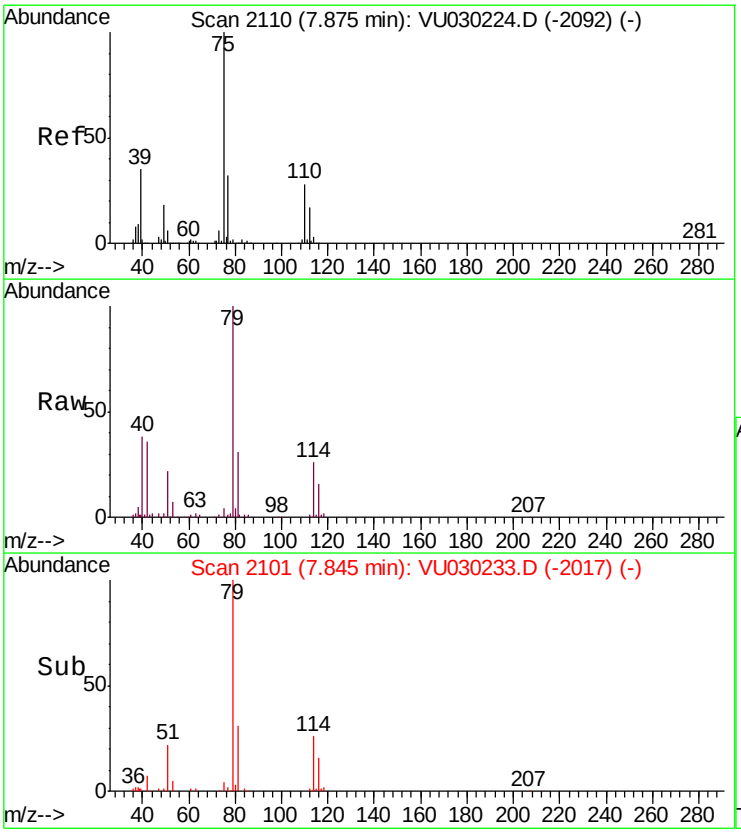


#33
Benzene
Concen: 39.040 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument :
MSVOA_U
ClientSampleId :
C0976

Tgt Ion: 78 Resp: 574708

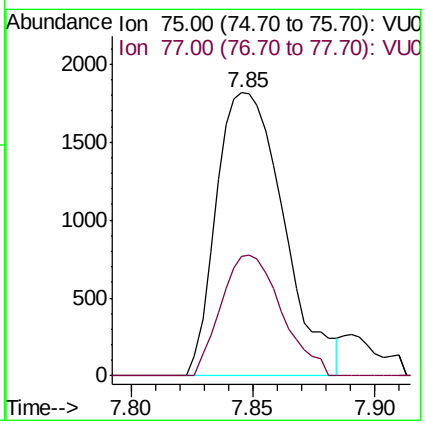


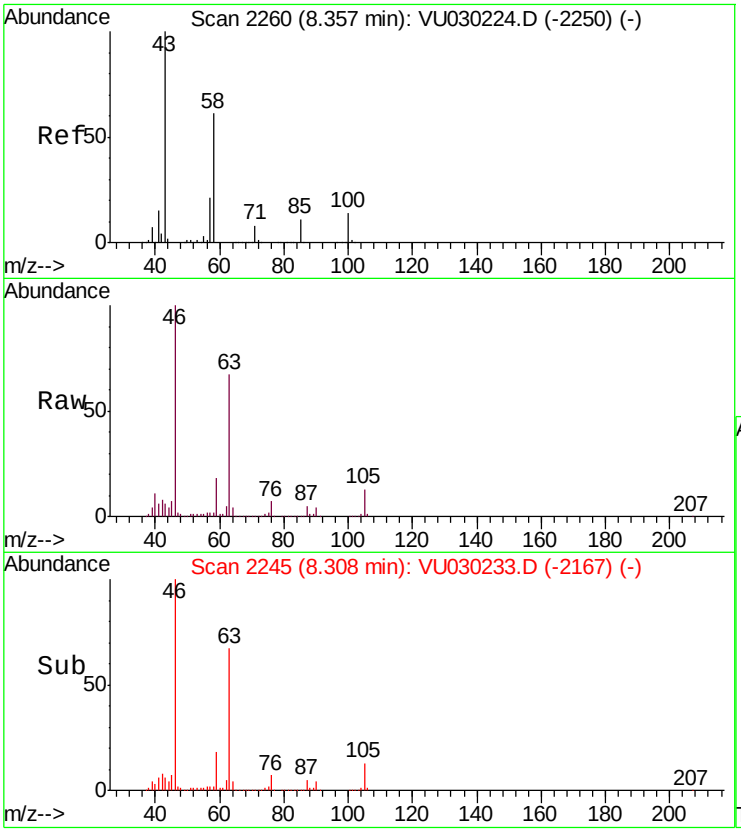


#44
trans-1,3-Dichloropropene
Concen: 0.668 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion: 75 Resp: 3494

Ion	Ratio	Lower	Upper
75	100		
77	42.2	22.7	42.1#



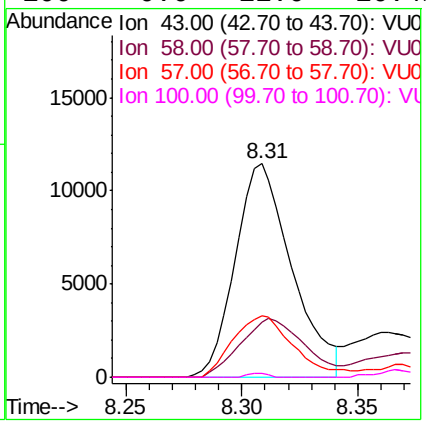


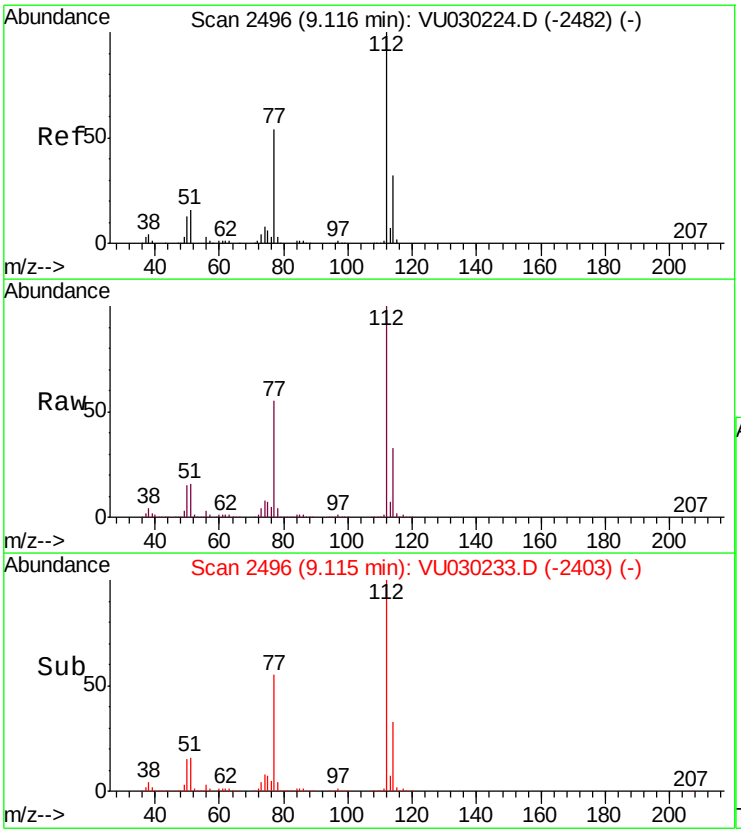
#48
2-Hexanone
Concen: 4.527 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument : MSVOA_U
ClientSampleId : C0976

Tgt Ion: 43 Resp: 19467

Ion	Ratio	Lower	Upper
43	100		
58	31.2	49.3	73.9#
57	29.8	17.0	25.4#
100	0.6	11.0	16.4#

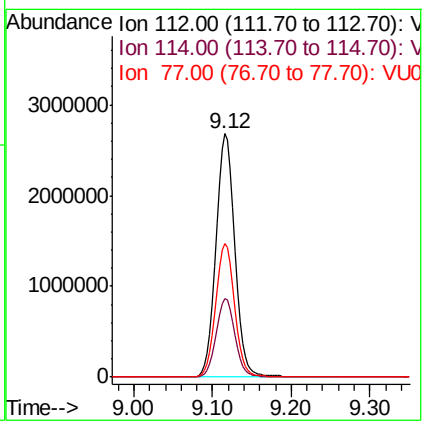


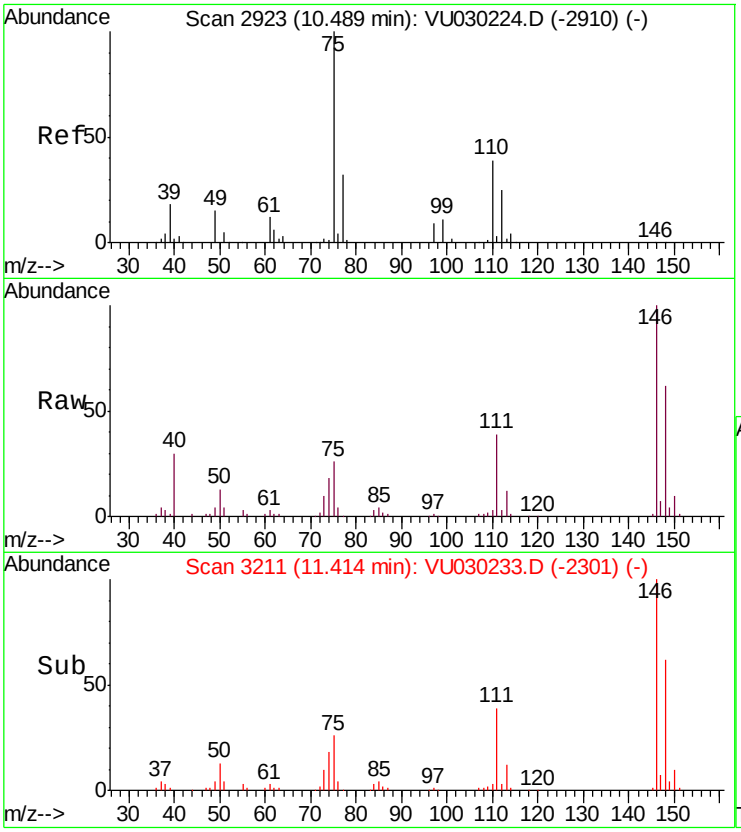


#51
Chlorobenzene
Concen: 417.965 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion:112 Resp: 4430674

Ion	Ratio	Lower	Upper
112	100		
114	32.5	22.5	41.7
77	55.1	43.4	65.0



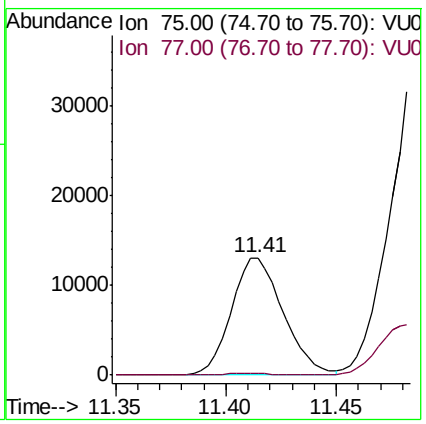


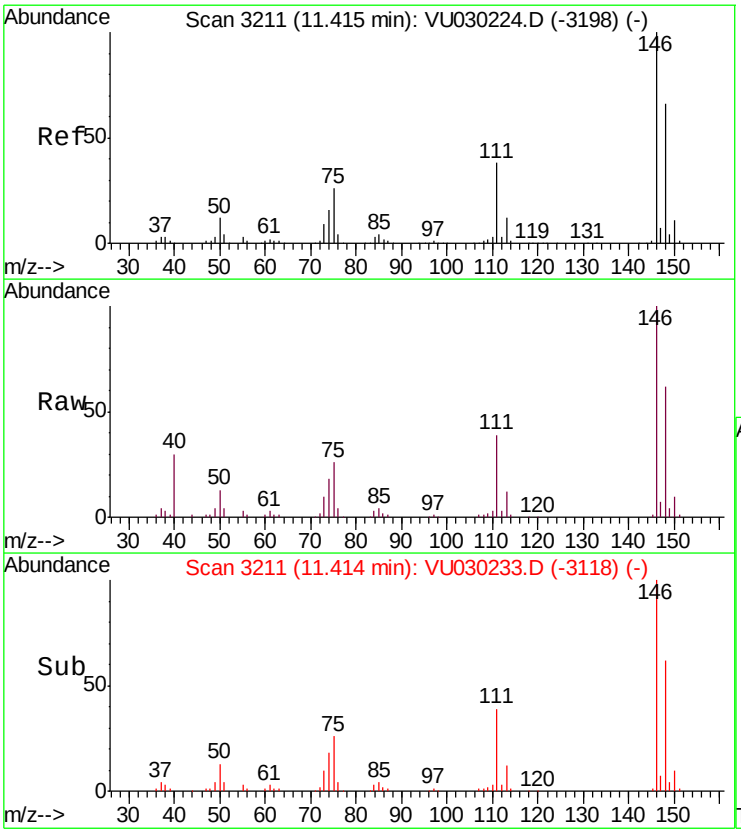
#59
1,2,3-Trichloropropane
Concen: 4.184 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.93 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument : MSVOA_U
ClientSampleId : C0976

Tgt Ion: 75 Resp: 21319

Ion	Ratio	Lower	Upper
75	100		
77	1.1	25.8	38.8#

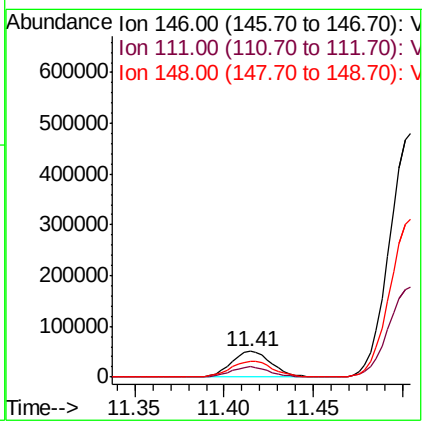


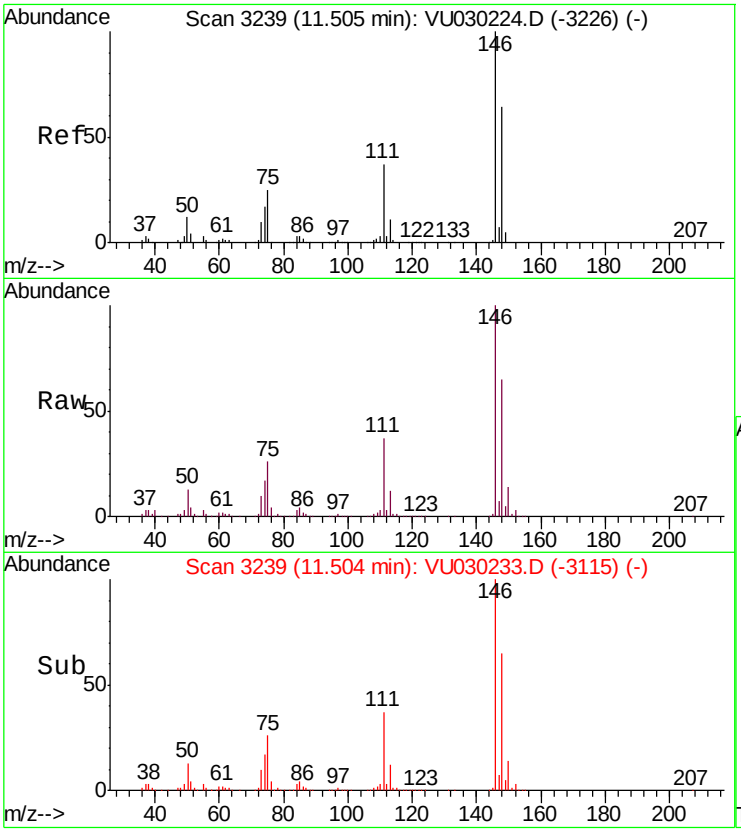


#62
1,3-Dichlorobenzene
Concen: 9.838 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion:146 Resp: 80492

Ion	Ratio	Lower	Upper
146	100		
111	38.9	27.2	50.4
148	62.2	44.4	82.5



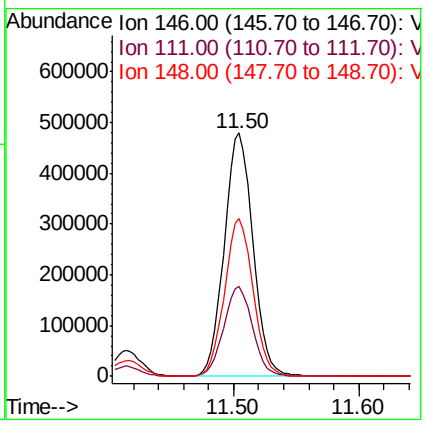


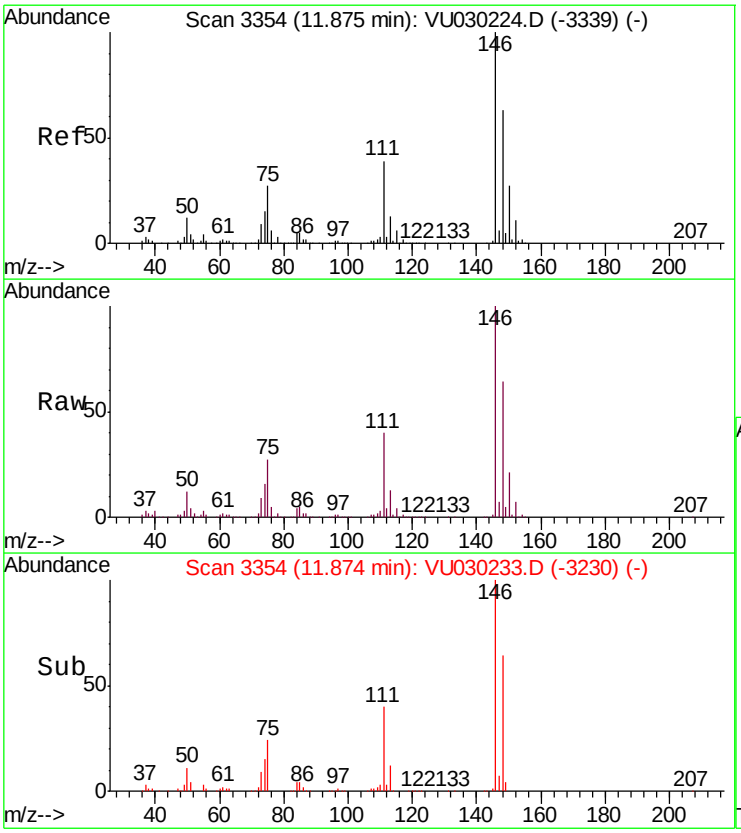
#63
1,4-Dichlorobenzene
Concen: 89.438 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument : MSVOA_U
ClientSampleId : C0976

Tgt Ion:146 Resp: 759006

Ion	Ratio	Lower	Upper
146	100		
111	36.8	25.3	46.9
148	64.8	44.7	82.9

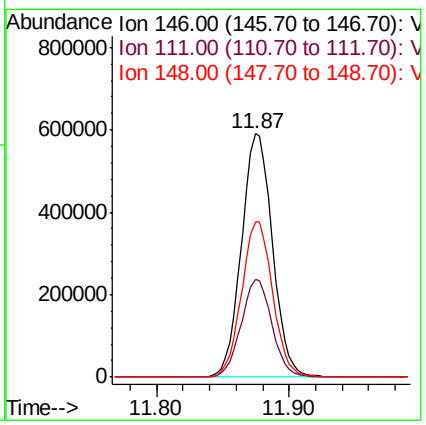


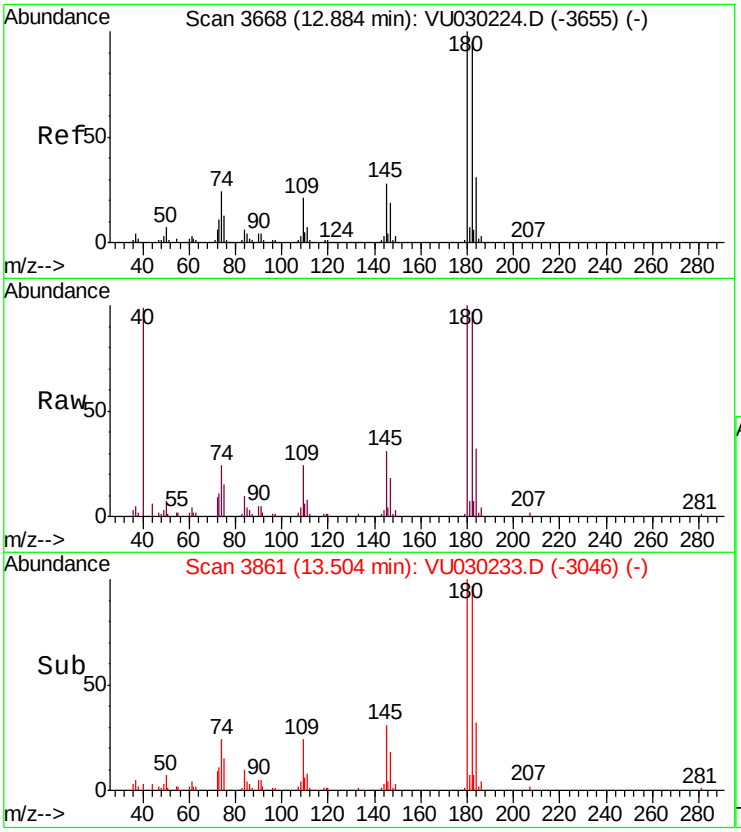


#65
1,2-Dichlorobenzene
Concen: 114.754 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion:146 Resp: 959222

Ion	Ratio	Lower	Upper
146	100		
111	40.0	31.7	47.5
148	64.0	52.0	78.0



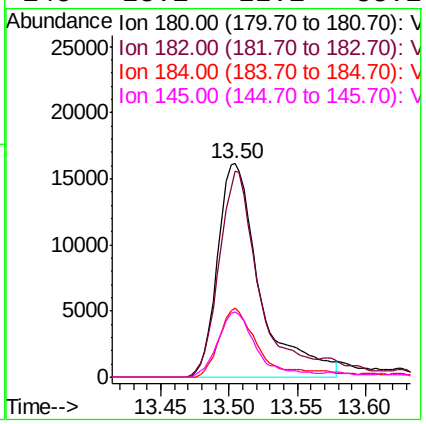


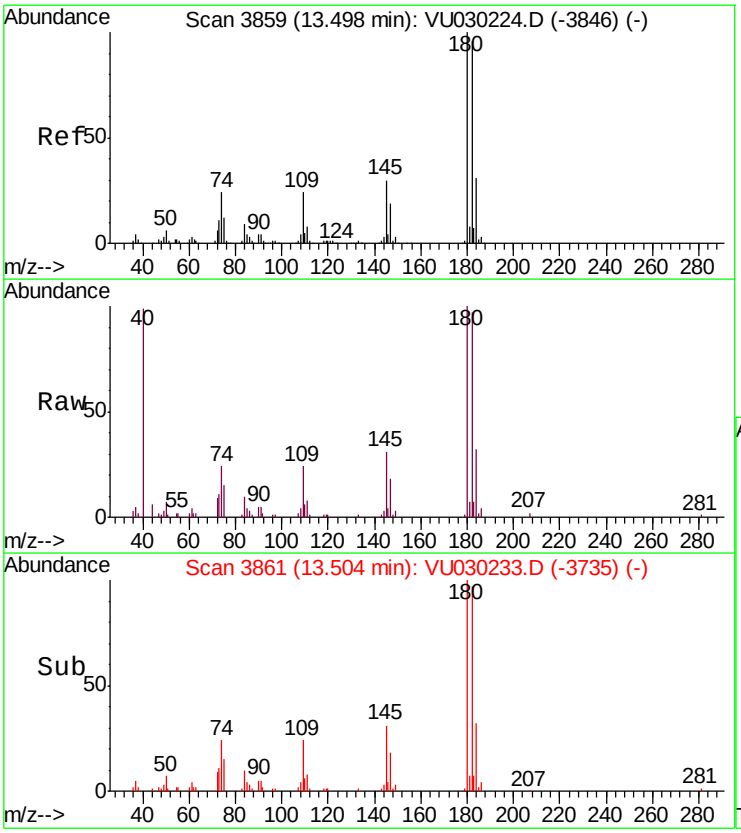
#67
1,3,5-Trichlorobenzene
Concen: 5.464 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.62 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument :
MSVOA_U
ClientSampleId :
C0976

Tgt Ion:180 Resp: 34939

Ion	Ratio	Lower	Upper
180	100		
182	90.5	76.0	114.0
184	27.0	24.2	36.4
145	28.1	22.1	33.1

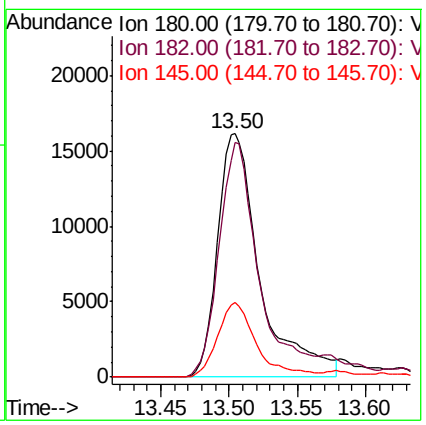


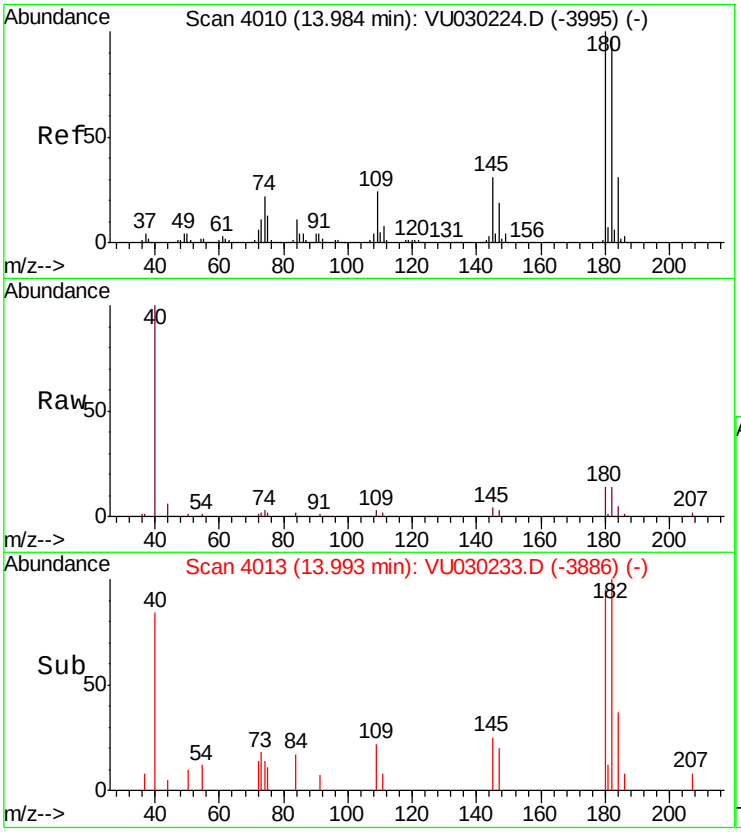


#68
1,2,4-trichlorobenzene
Concen: 6.179 ug/L
RT: 13.50 min Scan# 3861
Delta R.T. 0.01 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Tgt Ion:180 Resp: 34939

Ion	Ratio	Lower	Upper
180	100		
182	90.5	76.4	114.6
145	28.1	22.7	34.1





#70
1,2,3-Trichlorobenzene
Concen: 1.025 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU030233.D
Acq: 20 Mar 2019 19:23

Instrument :
MSVOA_U
ClientSampleId :
C0976

Tgt Ion:180 Resp: 6046

Ion	Ratio	Lower	Upper
180	100		
182	96.2	75.9	113.9
145	21.4	24.1	36.1#