Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100518\
Data File : VU027455.D
Acq On : 05 Oct 2018 16:04
Operator : MD/SY
Sample : J5250-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0913

Quant Time: Oct 06 04:58:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	219187	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	209059	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	102781	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79090	45.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.70%			
7) Chloroethane-d5	1.68	69	63371	47.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.38%			
11) 1,1-Dichloroethene-d2	2.27	63	116001	35.85	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.70%			
21) 2-Butanone-d5	4.18	46	141304	101.47	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.47%			
24) Chloroform-d	4.65	84	133518	48.39	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.78%			
26) 1,2-Dichloroethane-d4	5.31	65	97163	50.26	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.52%			
32) Benzene-d6	5.34	84	293068	48.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.82%			
36) 1,2-Dichloropropane-d6	6.33	67	103236	50.30	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.60%			
41) Toluene-d8	7.57	98	250540	46.78	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.56%			
43) trans-1,3-Dichloropropene-	7.85	79	46439	46.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.92%			
47) 2-Hexanone-d5	8.31	63	104515	100.83	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.83%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	130747	48.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	98610	49.04	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.08%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	892	0.615	ug/L #	21
13) Acetone	2.32	43	1337	1.171	ug/L	80
25) Chloroform	4.68	83	18158	5.806	ug/L	96
27) 1,2-Dichloroethane	5.39	62	6104	2.430	ug/L #	75
31) Carbon tetrachloride	5.14	117	3802	1.807	ug/L	97
33) Benzene	5.39	78	719589	104.744	ug/L	100
37) 1,2-Dichloropropane	6.33	63	10941	5.497	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	2465	0.843	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	1885	0.694	ug/L	89
48) 2-Hexanone	8.31	43	11882	5.163	ug/L #	65
51) Chlorobenzene	9.12	112	3419858	784.750	ug/L	100
62) 1,3-Dichlorobenzene	11.42	146	132149	41.311	ug/L	99
63) 1,4-Dichlorobenzene	11.51	146	1185402	355.261	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1370477	420.860	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	187804	75.989	ug/L	99
68) 1,2,4-trichlorobenzene	13.50	180	187804	82.631	ug/L	100
70) 1,2,3-Trichlorobenzene	13.99	180	47954	20.748	ug/L	99

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100518\
Data File : VU027455.D
Acq On : 05 Oct 2018 16:04
Operator : MD/SY
Sample : J5250-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0913

Quant Time: Oct 06 04:58:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration

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

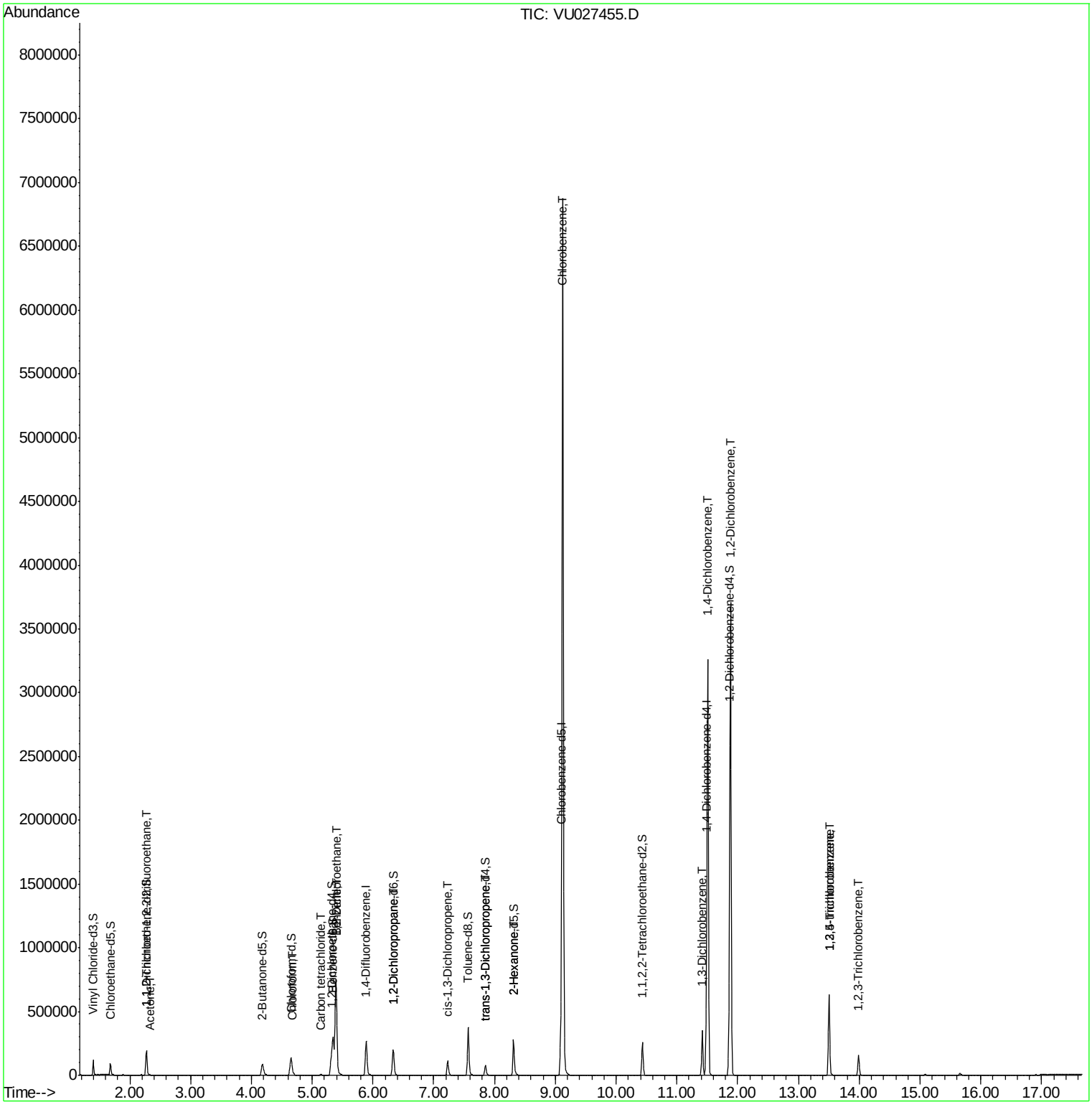
(#) = qualifier out of range (m) = manual integration (+) = signals summed

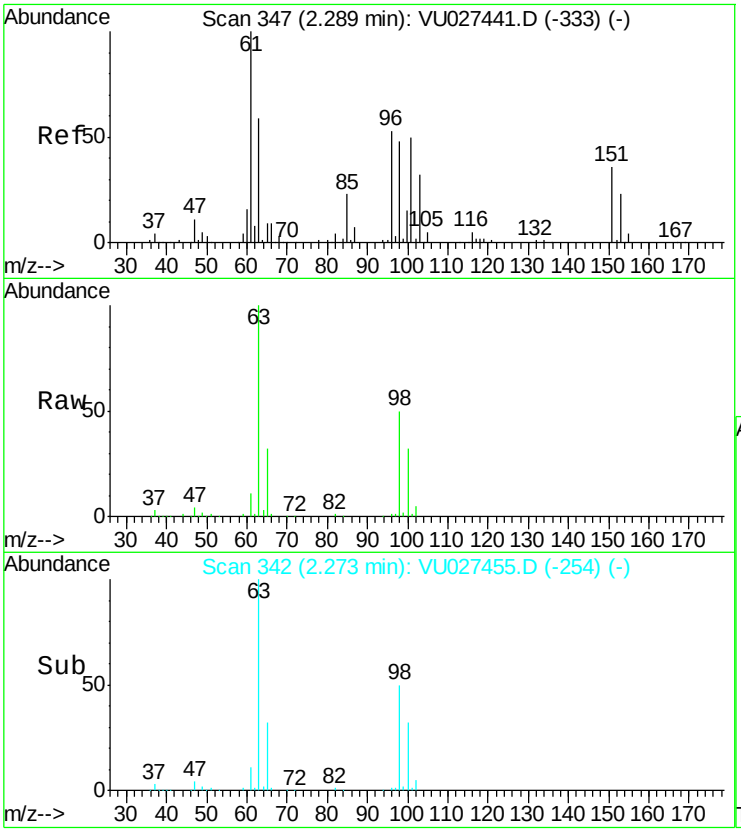
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU100518\
Data File : VU027455.D
Acq On : 05 Oct 2018 16:04
Operator : MD/SY
Sample : J5250-05 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C0913

Quant Time: Oct 06 04:58:56 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM100518WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Oct 06 04:54:09 2018
Response via : Initial Calibration



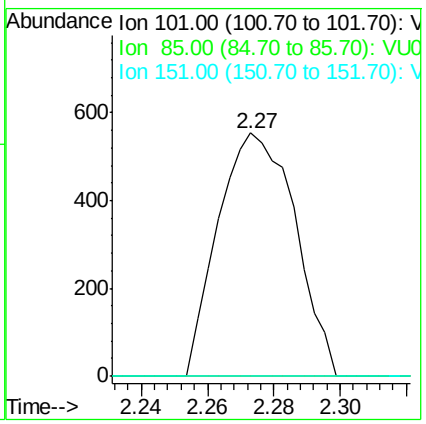


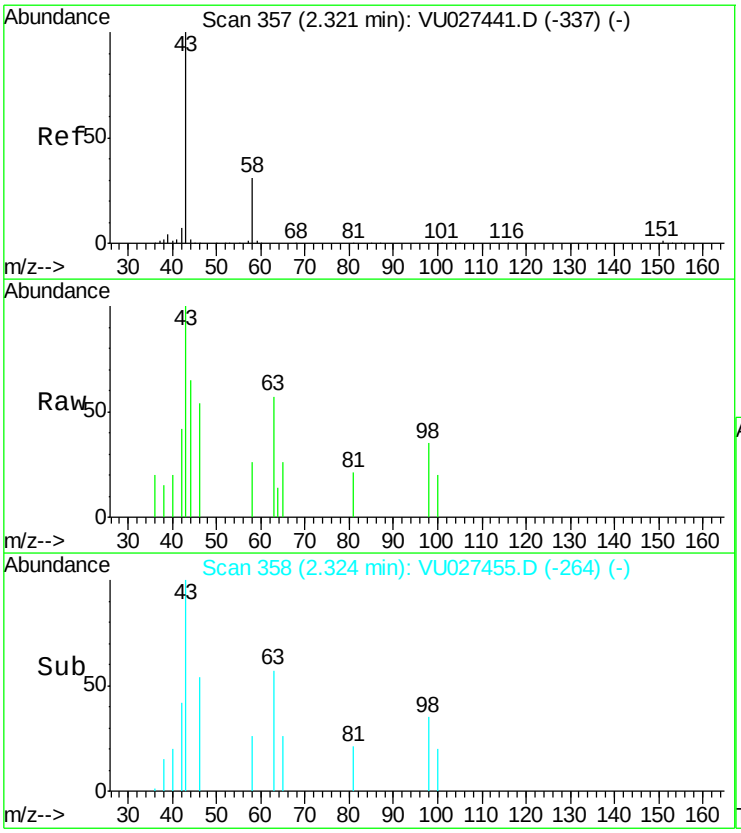
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.615 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.02 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument : MSVOA_U
ClientSampleId : C0913

Tgt Ion:101 Resp: 892

Ion	Ratio	Lower	Upper
101	100		
85	0.0	35.9	53.9#
151	0.0	55.7	83.5#

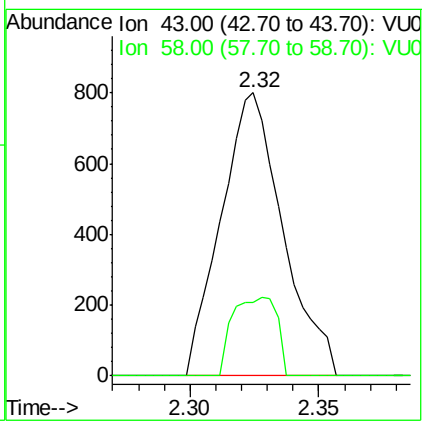


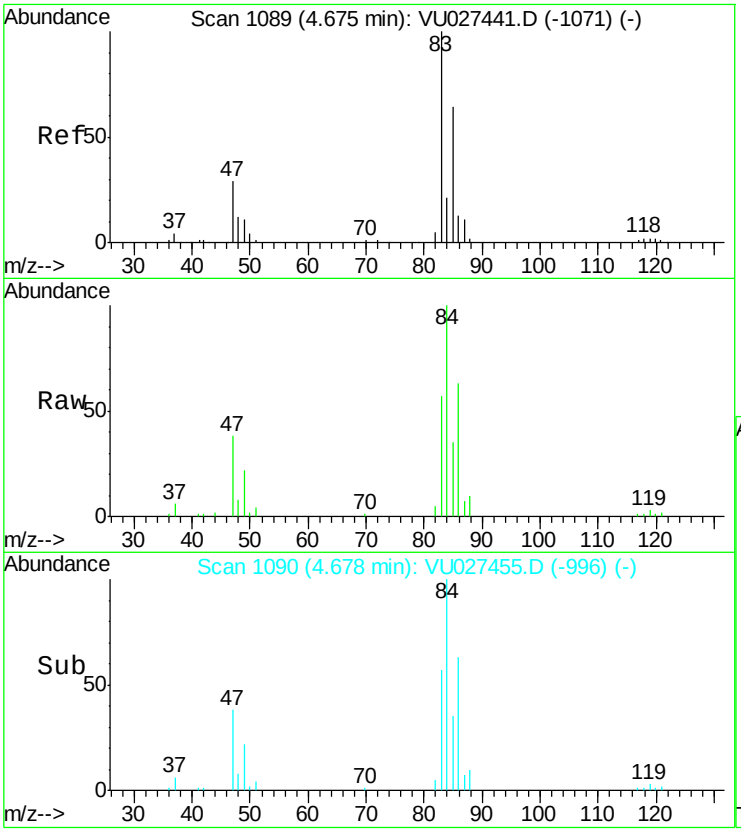


#13
Acetone
Concen: 1.171 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion: 43 Resp: 1337

Ion	Ratio	Lower	Upper
43	100		
58	19.7	0.0	60.8



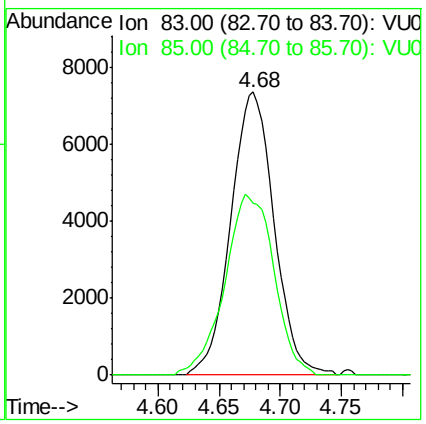


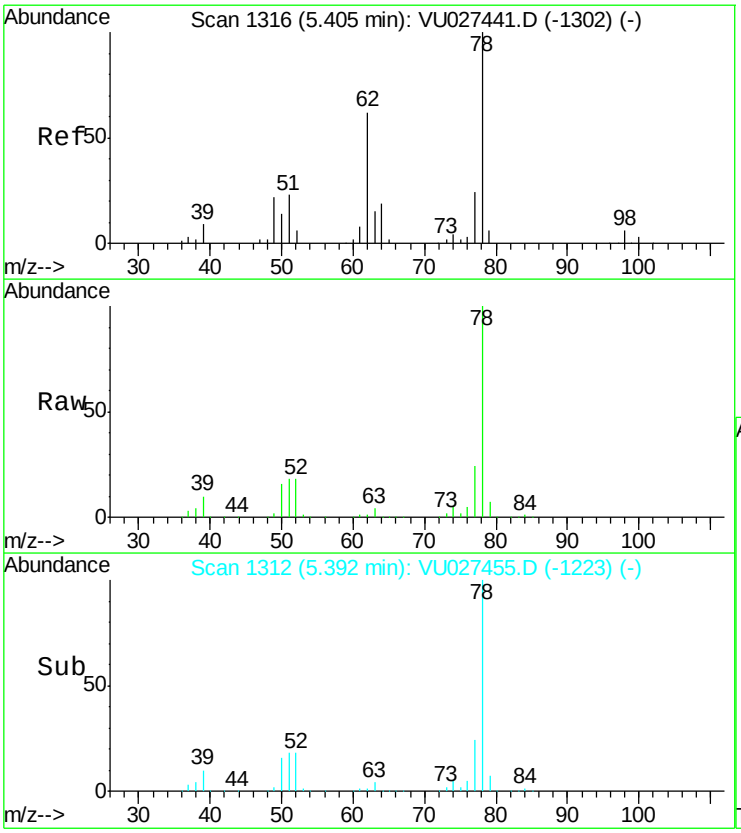
#25
Chloroform
Concen: 5.806 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument : MSVOA_U
ClientSampleId : C0913

Tgt Ion: 83 Resp: 18158

Ion	Ratio	Lower	Upper
83	100		
85	60.8	45.0	83.6

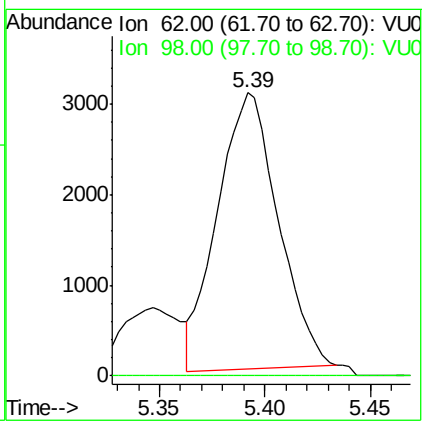


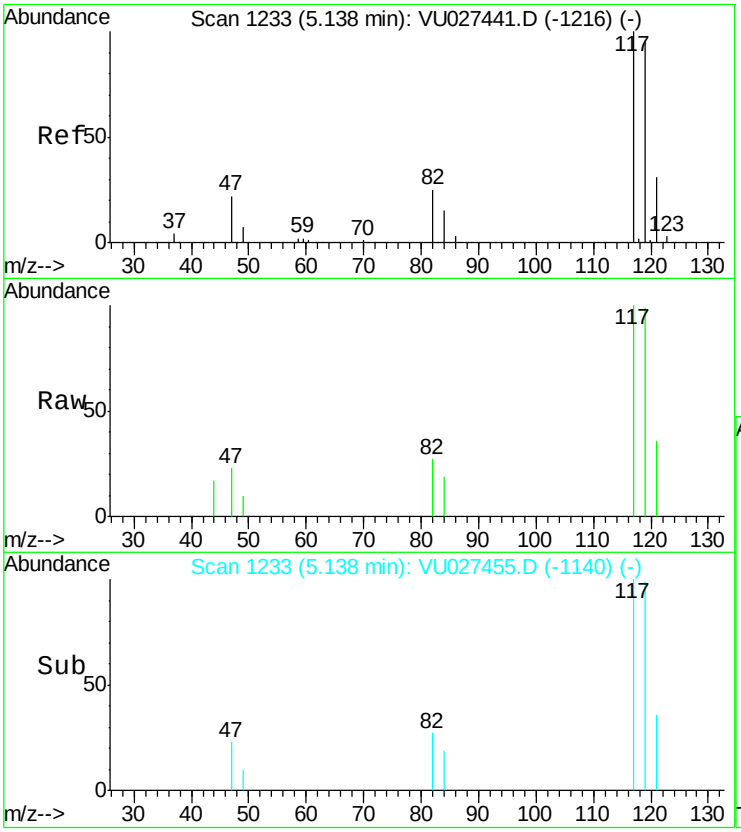


#27
1,2-Dichloroethane
Concen: 2.430 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.01 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion: 62 Resp: 6104

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.1	10.7#



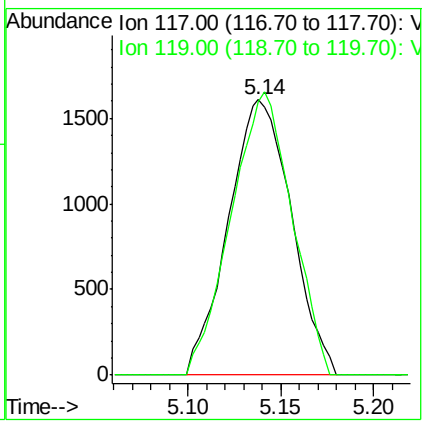


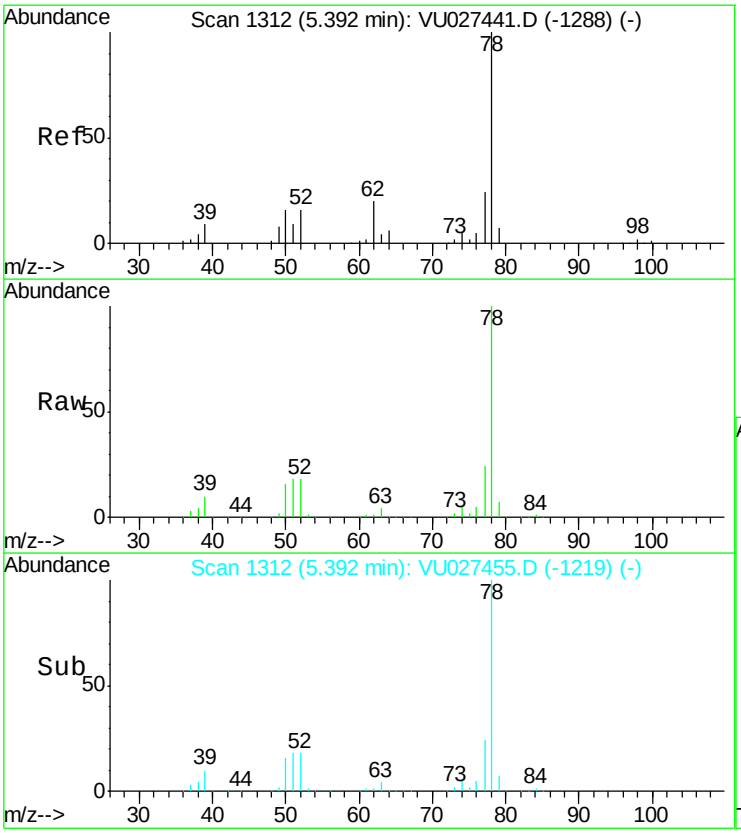
#31
Carbon tetrachloride
Concen: 1.807 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0913

Tgt Ion:117 Resp: 3802

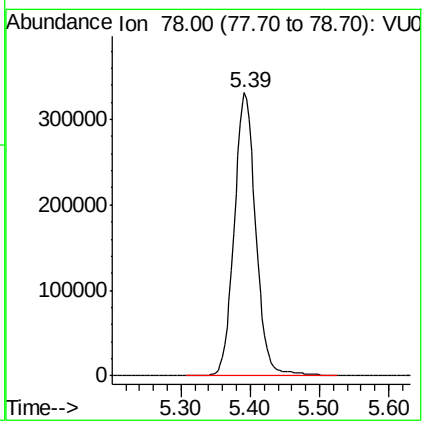
Ion	Ratio	Lower	Upper
117	100		
119	99.0	76.8	115.2

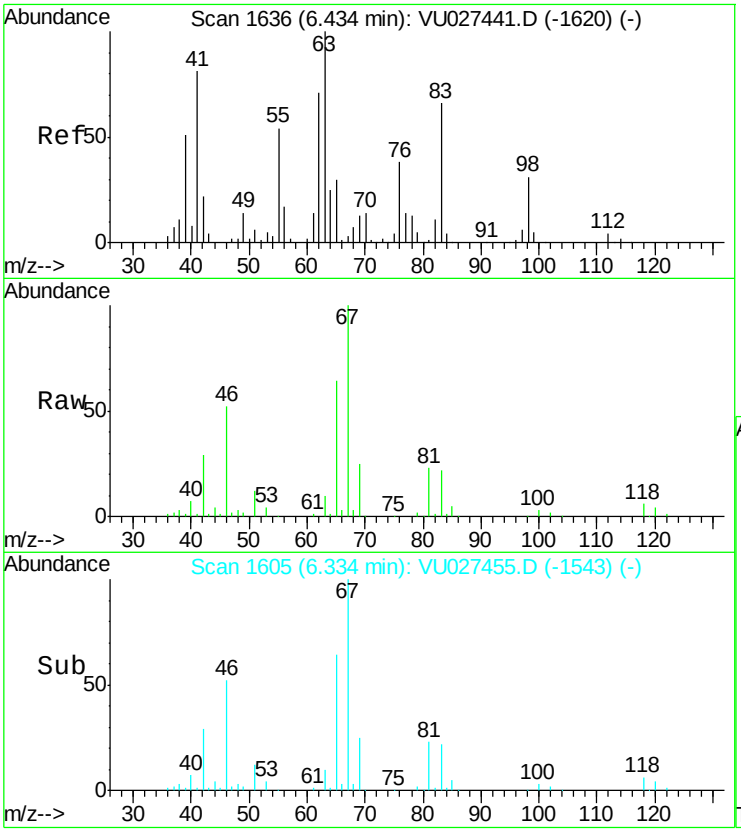




#33
Benzene
Concen: 104.744 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion: 78 Resp: 719589



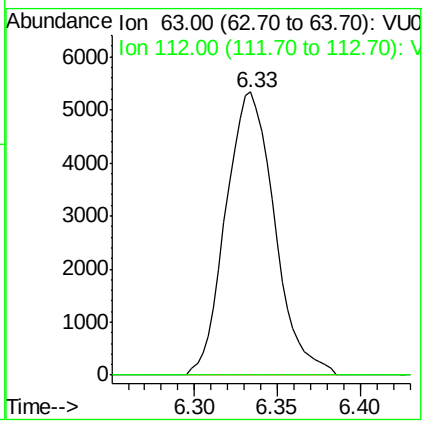


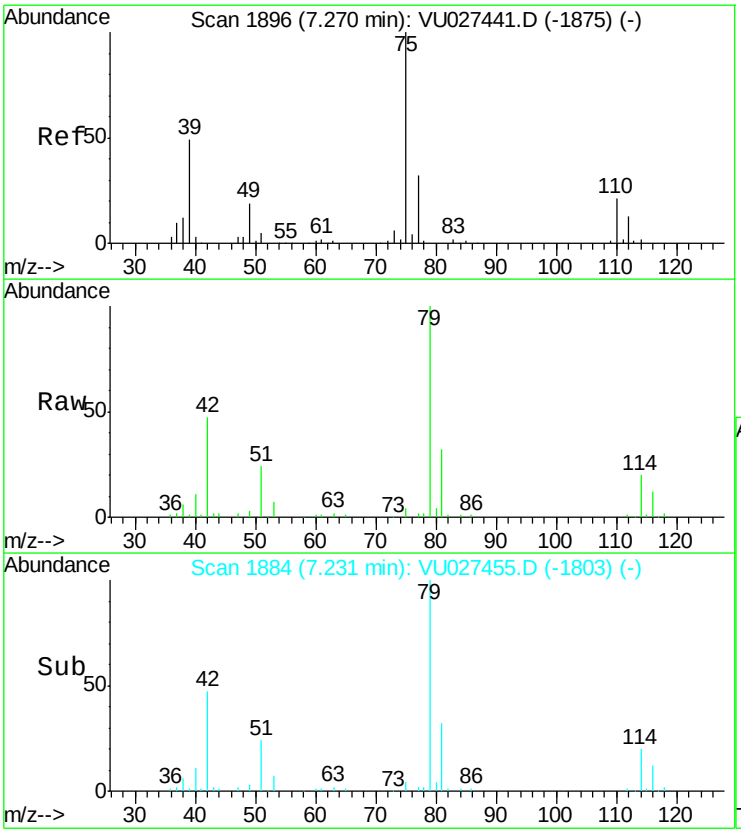
#37
1,2-Dichloropropane
Concen: 5.497 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument : MSVOA_U
ClientSampleId : C0913

Tgt Ion: 63 Resp: 10941

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#

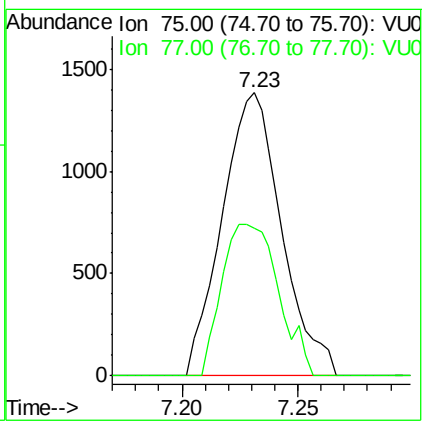


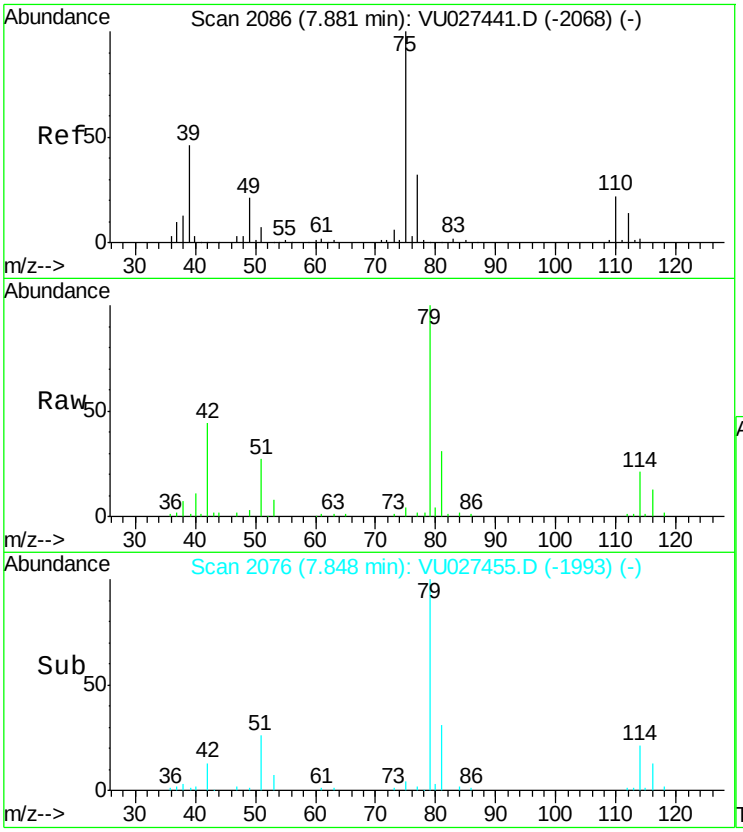


#39
cis-1,3-Dichloropropene
Concen: 0.843 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion: 75 Resp: 2465

Ion	Ratio	Lower	Upper
75	100		
77	52.0	22.1	41.1#



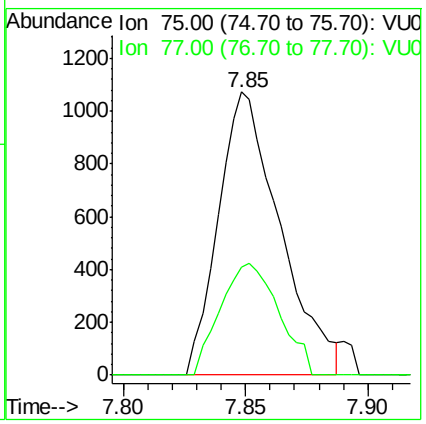


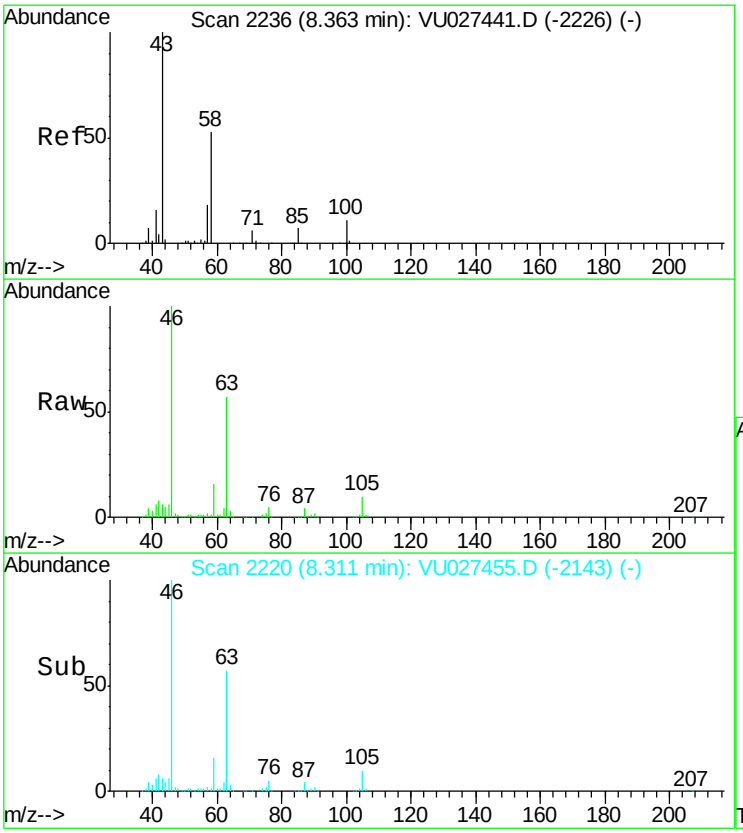
#44
trans-1,3-Dichloropropene
Concen: 0.694 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0913

Tgt Ion: 75 Resp: 1885

Ion	Ratio	Lower	Upper
75	100		
77	38.0	22.2	41.2

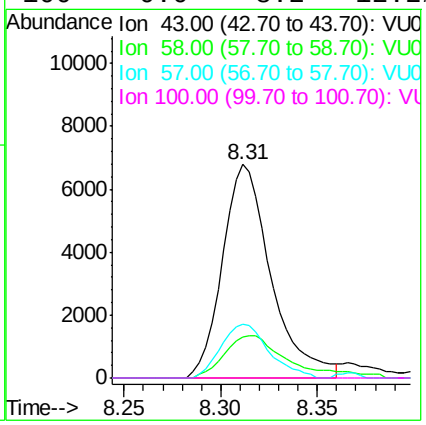


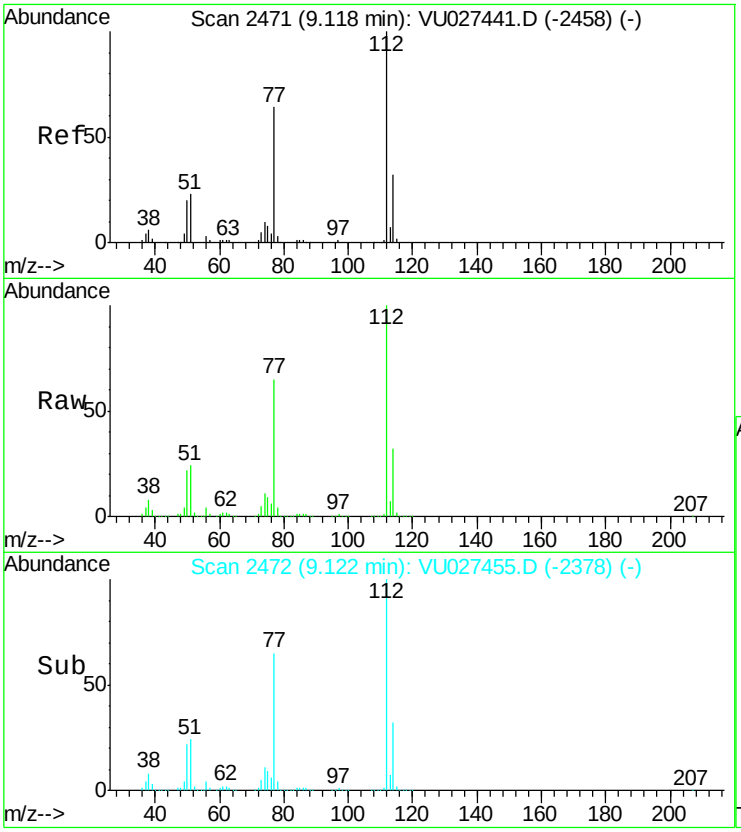


#48
2-Hexanone
Concen: 5.163 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion: 43 Resp: 11882

Ion	Ratio	Lower	Upper
43	100		
58	23.0	42.7	64.1#
57	24.9	14.5	21.7#
100	0.0	8.2	12.2#



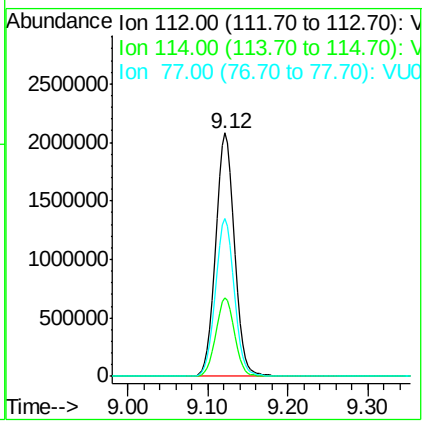


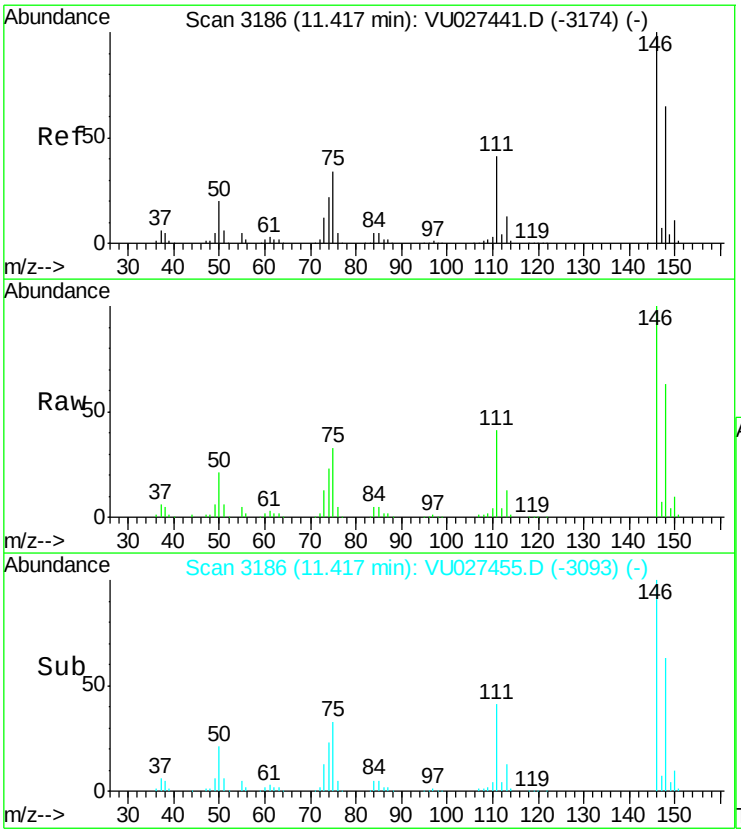
#51
Chlorobenzene
Concen: 784.750 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument : MSVOA_U
ClientSampleId : C0913

Tgt Ion:112 Resp: 3419858

Ion	Ratio	Lower	Upper
112	100		
114	32.3	22.3	41.5
77	64.8	51.7	77.5

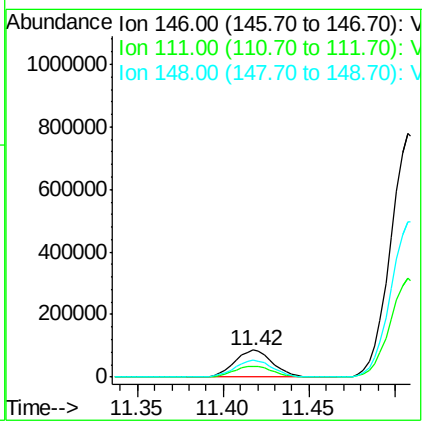


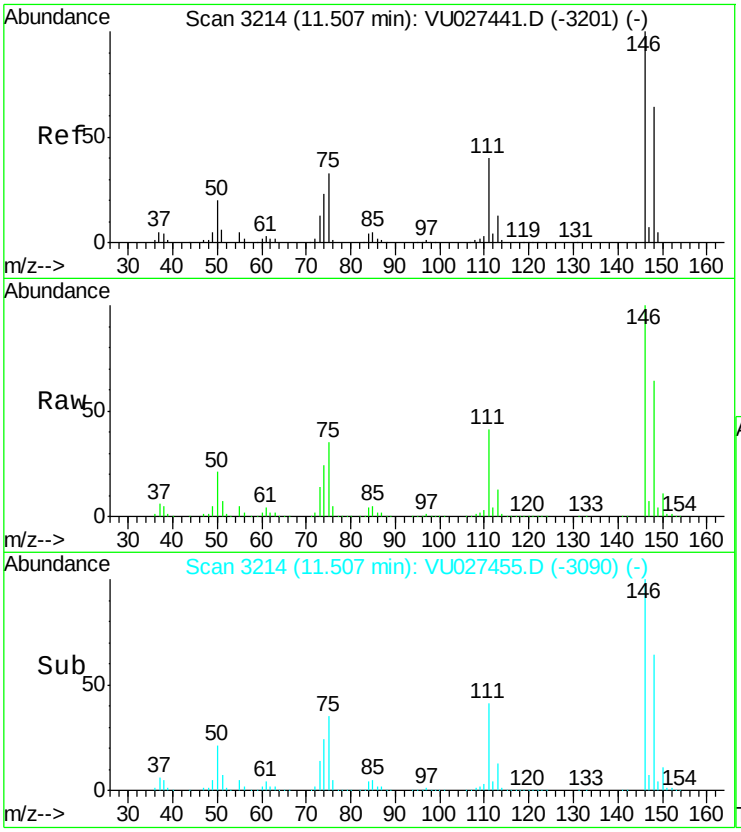


#62
1,3-Dichlorobenzene
Concen: 41.311 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion:146 Resp: 132149

Ion	Ratio	Lower	Upper
146	100		
111	41.0	29.0	53.8
148	63.3	45.4	84.2



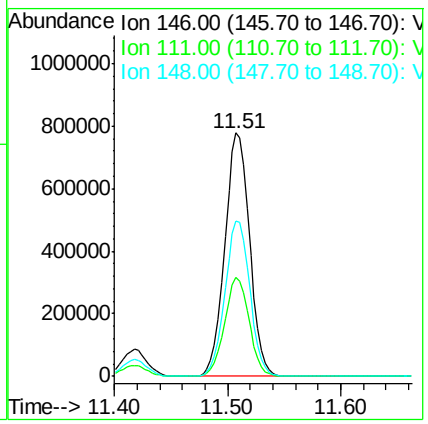


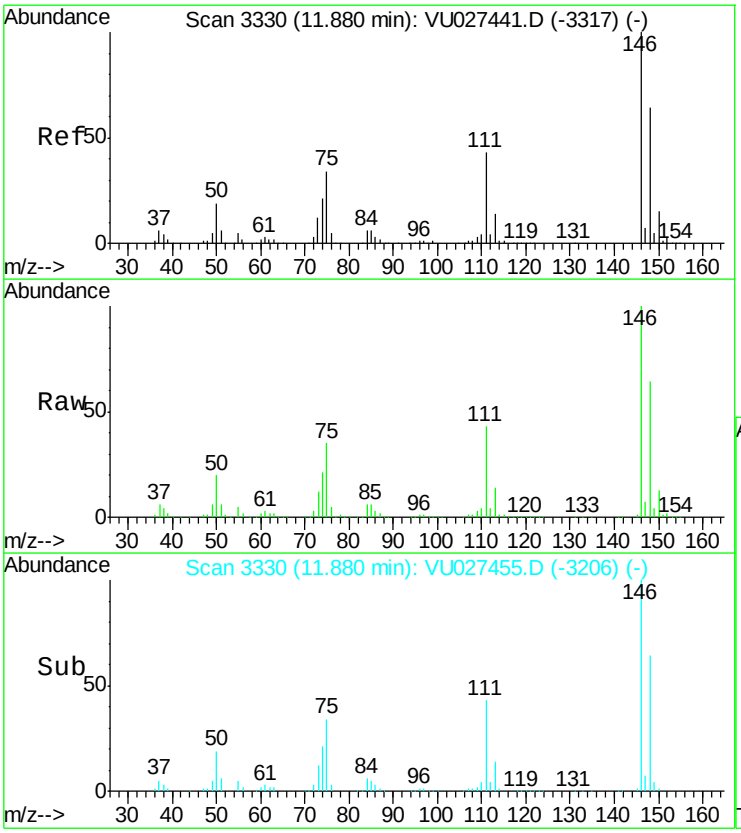
#63
1,4-Dichlorobenzene
Concen: 355.261 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0913

Tgt Ion:146 Resp: 1185402

Ion	Ratio	Lower	Upper
146	100		
111	40.5	28.1	52.1
148	63.9	44.4	82.5

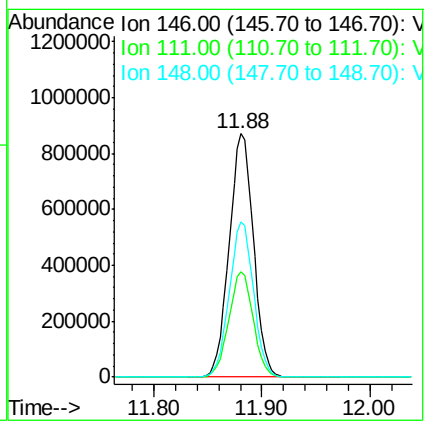


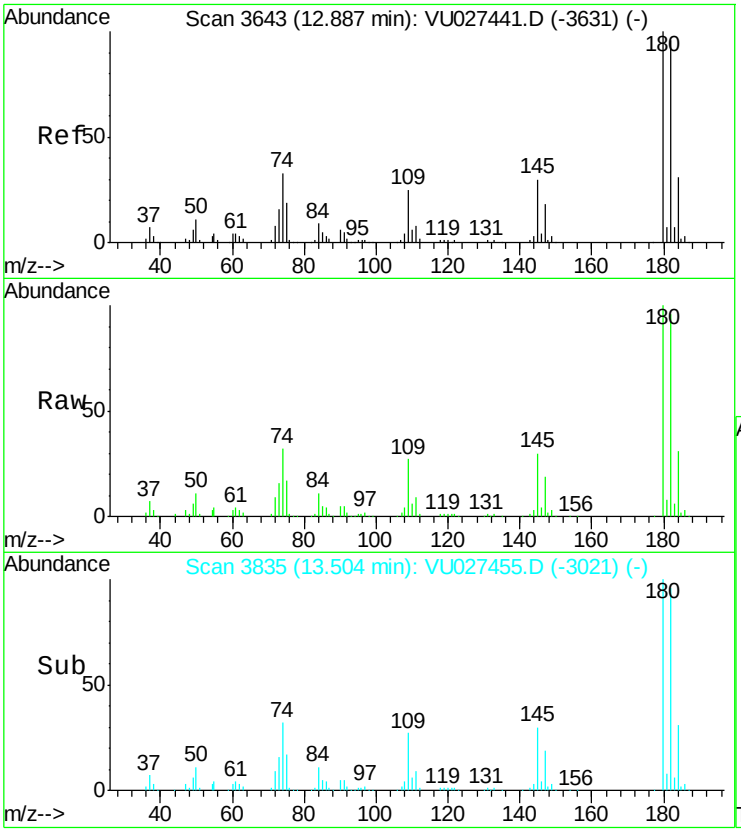


#65
1,2-Dichlorobenzene
Concen: 420.860 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion:146 Resp: 1370477

Ion	Ratio	Lower	Upper
146	100		
111	43.4	34.9	52.3
148	63.8	51.6	77.4



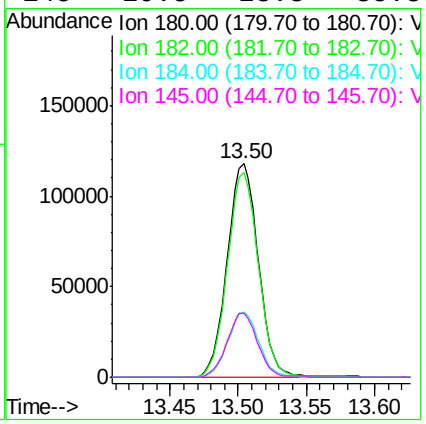


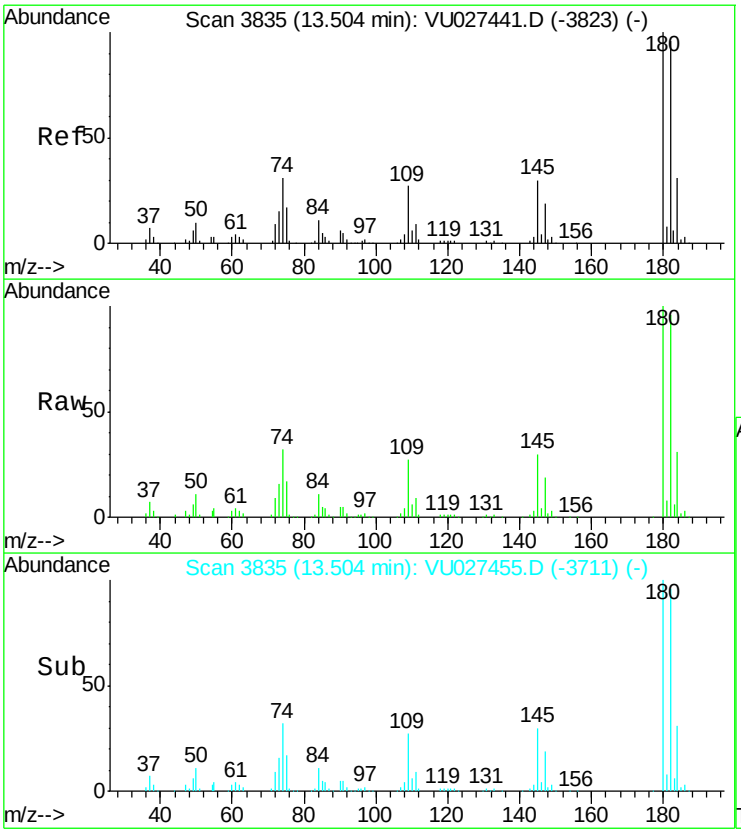
#67
1,3,5-Trichlorobenzene
Concen: 75.989 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. 0.62 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0913

Tgt Ion:180 Resp: 187804

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
184	30.2	24.5	36.7
145	29.5	23.8	35.8

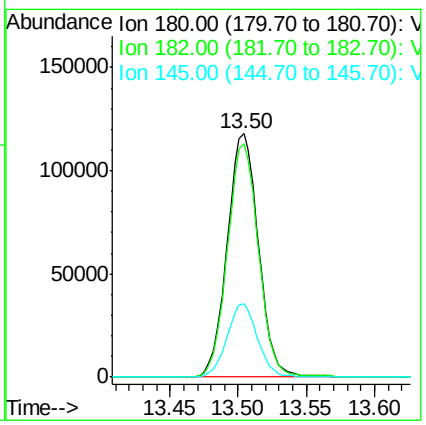


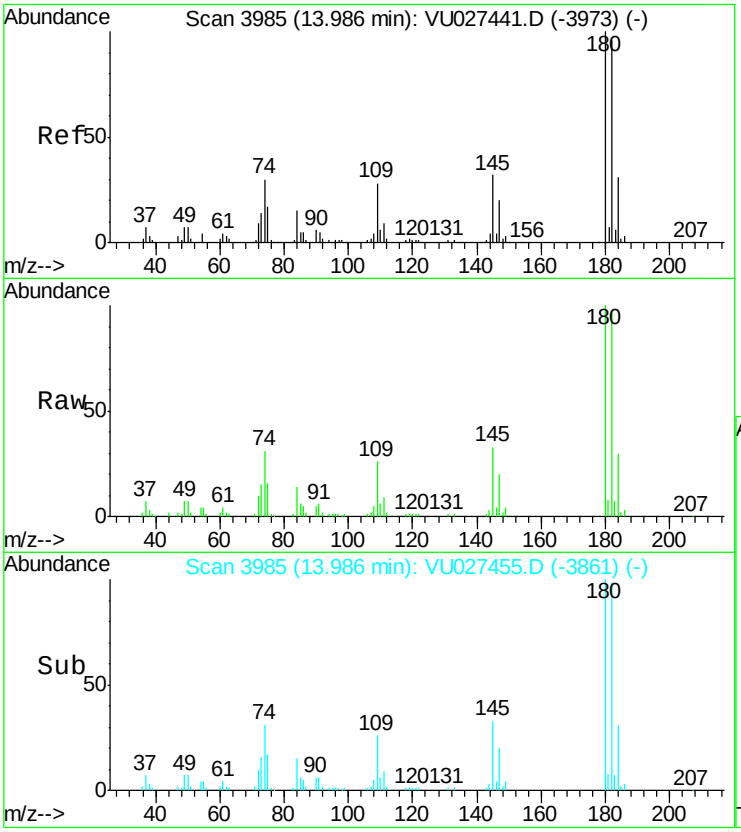


#68
1,2,4-trichlorobenzene
Concen: 82.631 ug/L
RT: 13.50 min Scan# 3835
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Tgt Ion:180 Resp: 187804

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.3	114.5
145	29.5	24.2	36.2





#70
1,2,3-Trichlorobenzene
Concen: 20.748 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. -0.00 min
Lab File: VU027455.D
Acq: 05 Oct 2018 16:04

Instrument :
MSVOA_U
ClientSampleId :
C0913

Tgt Ion:180 Resp: 47954

Ion	Ratio	Lower	Upper
180	100		
182	96.2	77.4	116.0
145	31.6	25.5	38.3