Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU010719\
Data File : VU029063.D
Acq On : 07 Jan 2019 17:27
Operator : MD/SY
Sample : K1048-01DL 4X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 19 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0945DL

Quant Time: Jan 08 03:39:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM122018WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Jan 08 03:12:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	183278	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	177661	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	73183	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	70078	47.69	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.38%			
7) Chloroethane-d5	1.67	69	54882	48.36	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 96.72%			
11) 1,1-Dichloroethene-d2	2.27	63	88405	35.78	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.56%			
21) 2-Butanone-d5	4.17	46	105416	102.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.40%			
24) Chloroform-d	4.64	84	112956	48.89	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.78%			
26) 1,2-Dichloroethane-d4	5.31	65	70769	49.69	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.38%			
32) Benzene-d6	5.34	84	246721	49.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.32%			
36) 1,2-Dichloropropane-d6	6.33	67	84117	49.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 98.66%			
41) Toluene-d8	7.56	98	215124	47.30	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.60%			
43) trans-1,3-Dichloropropene-	7.85	79	36041	47.17	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.34%			
47) 2-Hexanone-d5	8.31	63	74284	91.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 91.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	116596	49.29	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 98.58%			
64) 1,2-Dichlorobenzene-d4	11.86	152	76860	51.93	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.86%			
Target Compounds						Qvalue
13) Acetone	2.32	43	4236	4.038	ug/L	96
51) Chlorobenzene	9.12	112	28541	7.898	ug/L	98
62) 1,3-Dichlorobenzene	11.42	146	3653	1.571	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	22922	9.570	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	138302	57.029	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	18648	12.992	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	14476	9.353	ug/L	95

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

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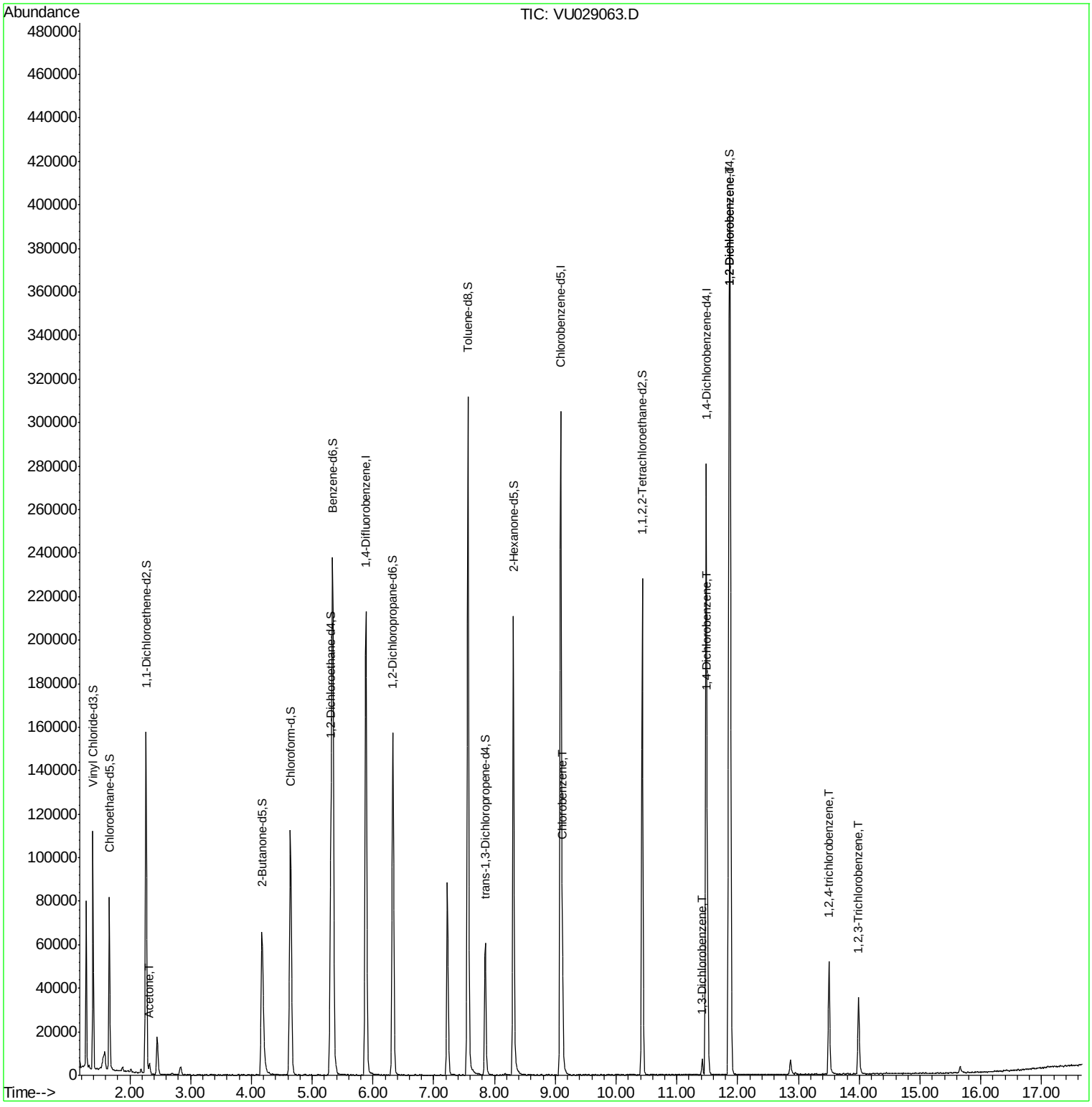
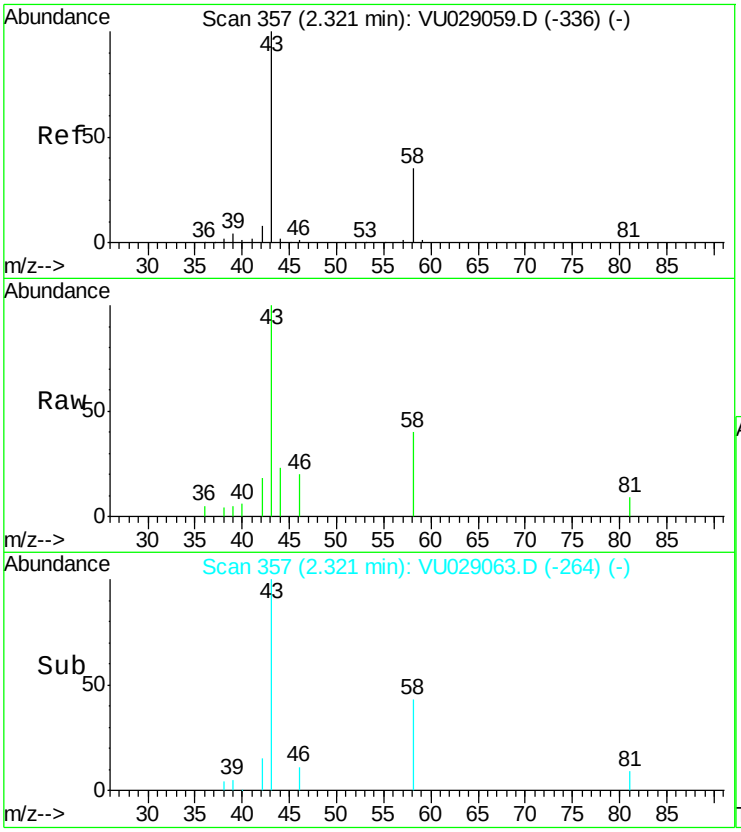


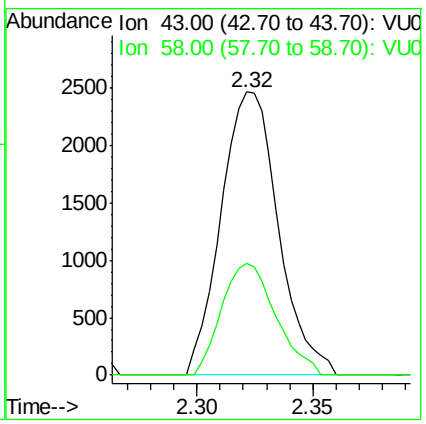


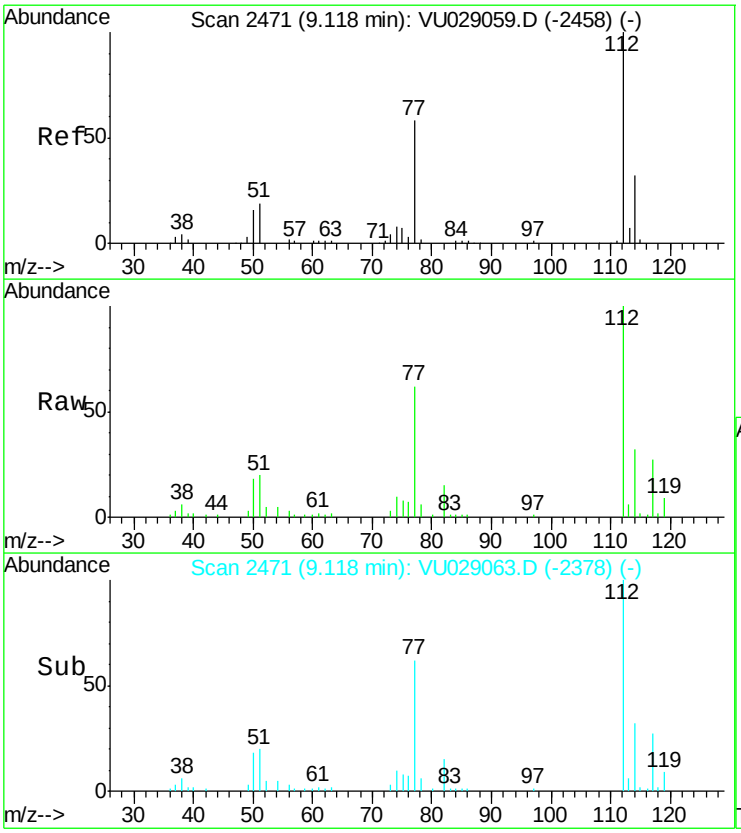
#13
Acetone
Concen: 4.038 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0945DL

Tgt Ion: 43 Resp: 4236

Ion	Ratio	Lower	Upper
43	100		
58	37.3	0.0	70.2

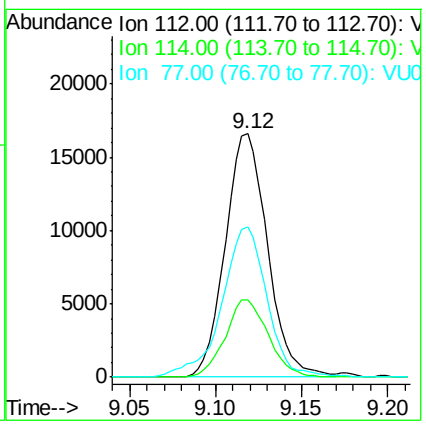


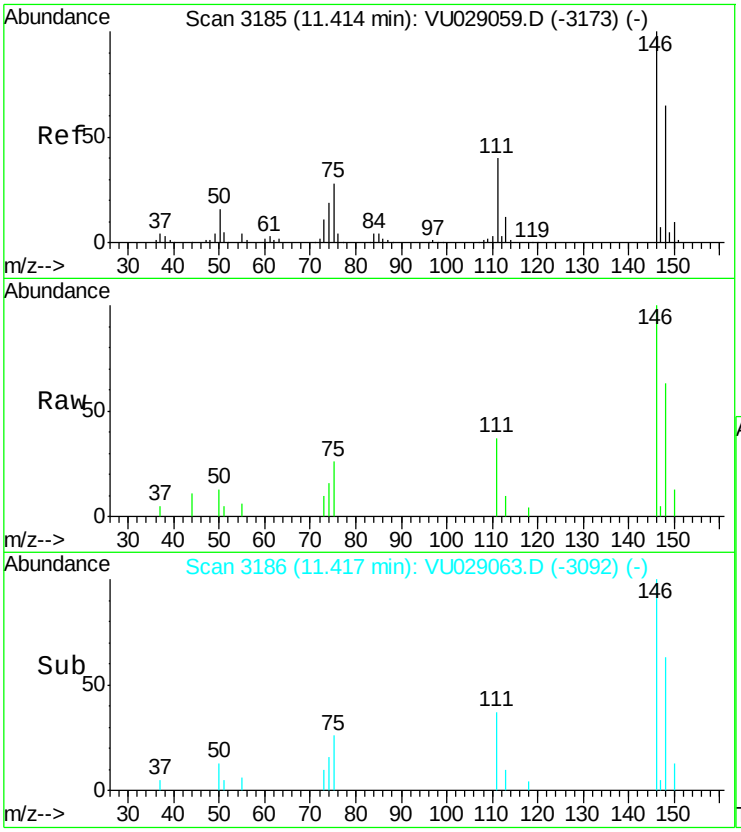


#51
Chlorobenzene
Concen: 7.898 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Tgt Ion:112 Resp: 28541

Ion	Ratio	Lower	Upper
112	100		
114	31.7	22.2	41.2
77	61.9	47.8	71.8



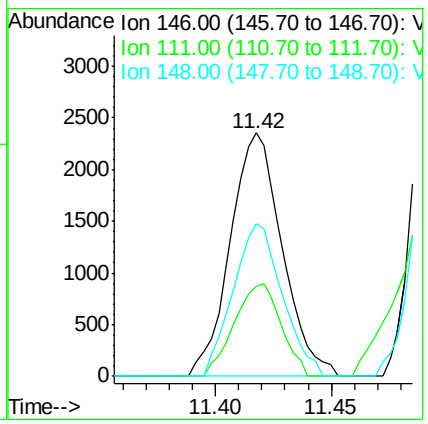


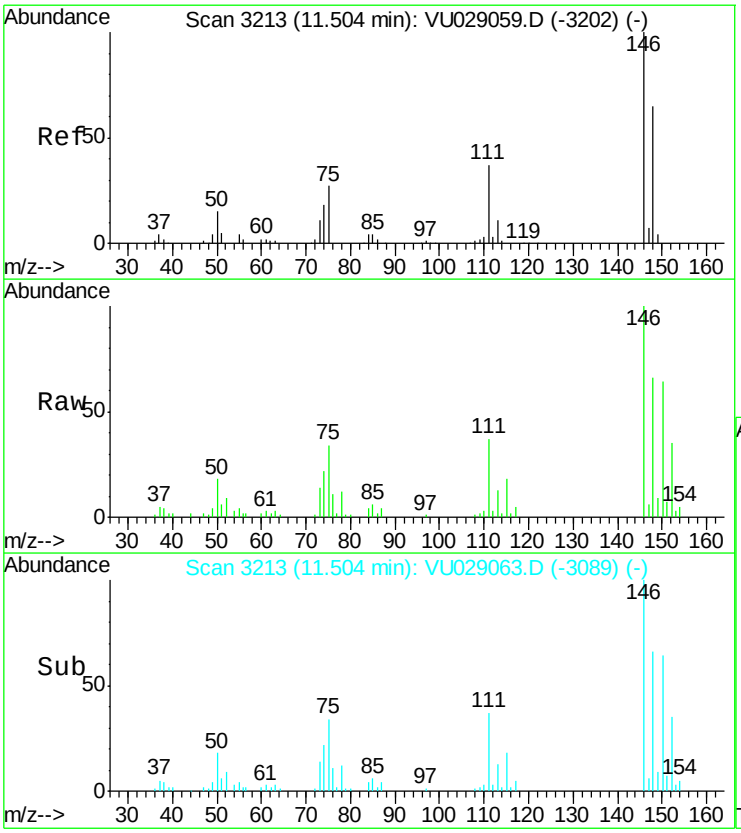
#62
1,3-Dichlorobenzene
Concen: 1.571 ug/L
RT: 11.42 min Scan# 3186
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0945DL

Tgt Ion:146 Resp: 3653

Ion	Ratio	Lower	Upper
146	100		
111	37.1	27.4	50.8
148	62.9	44.2	82.2

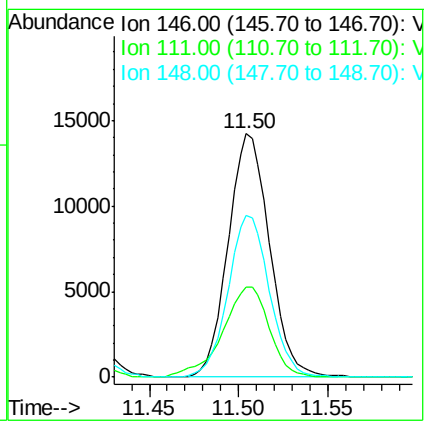


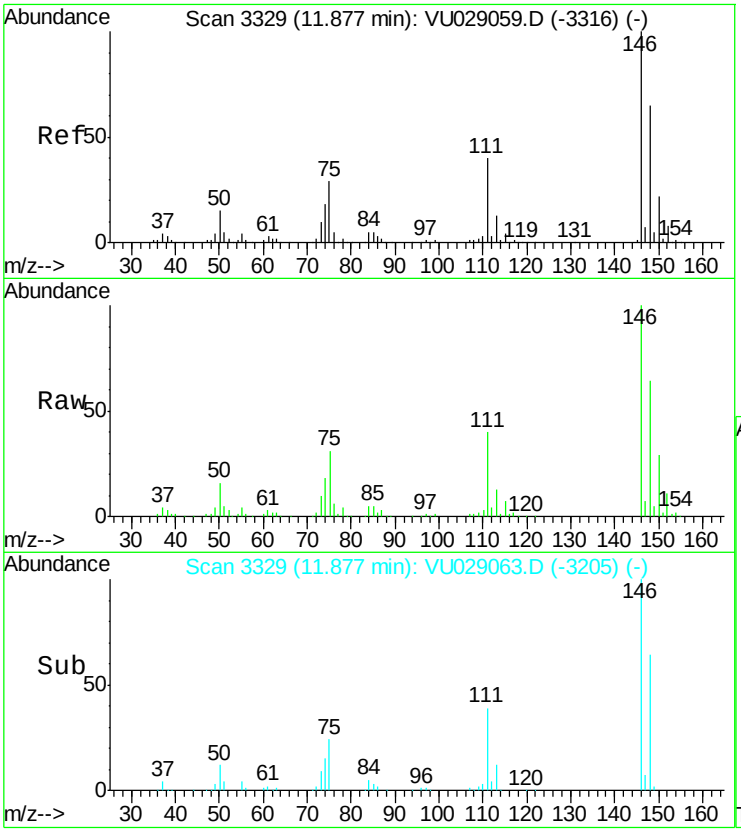


#63
1,4-Dichlorobenzene
Concen: 9.570 ug/L
RT: 11.50 min Scan# 3213
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Tgt Ion:146 Resp: 22922

Ion	Ratio	Lower	Upper
146	100		
111	37.2	26.5	49.1
148	66.4	45.1	83.9



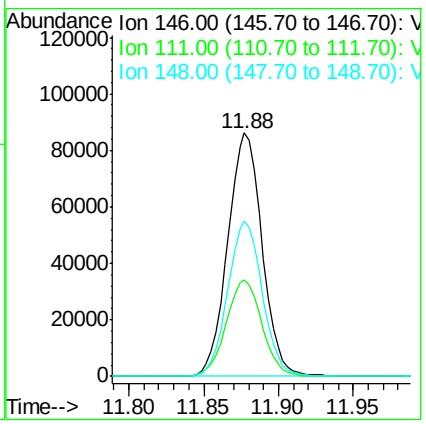


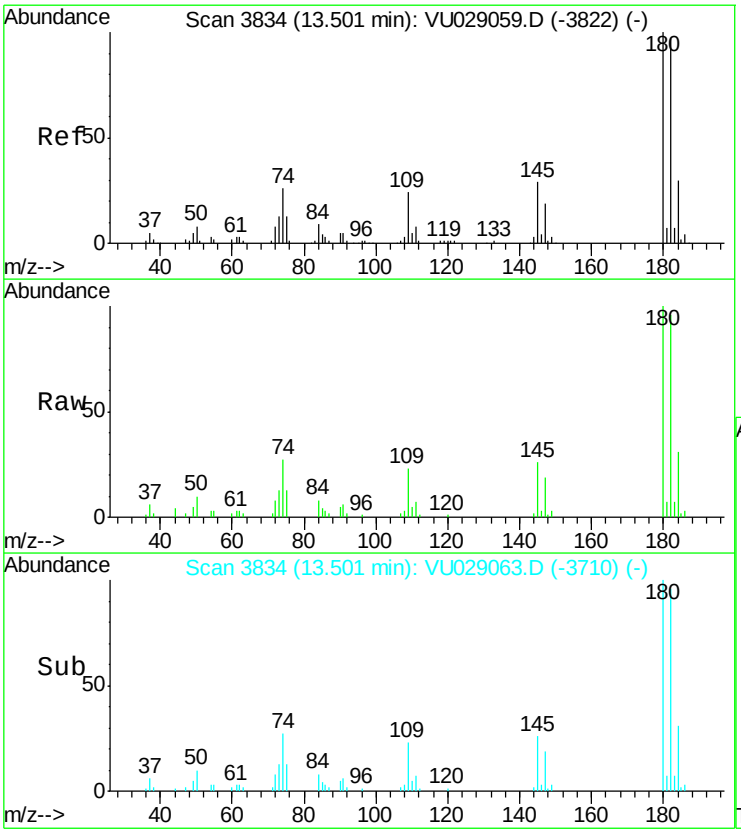
#65
1,2-Dichlorobenzene
Concen: 57.029 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0945DL

Tgt Ion:146 Resp: 138302

Ion	Ratio	Lower	Upper
146	100		
111	39.7	32.1	48.1
148	63.8	49.7	74.5

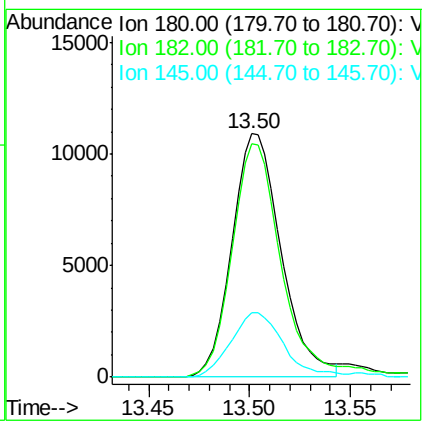


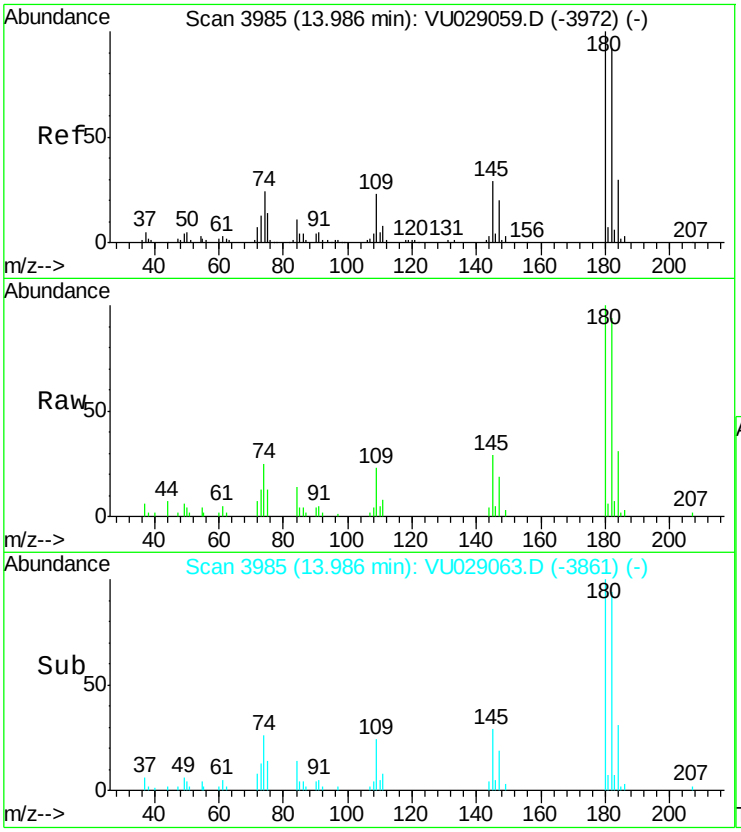


#68
1,2,4-trichlorobenzene
Concen: 12.992 ug/L
RT: 13.50 min Scan# 3834
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Tgt Ion:180 Resp: 18648

Ion	Ratio	Lower	Upper
180	100		
182	97.0	77.4	116.0
145	28.1	23.5	35.3





#70
1,2,3-Trichlorobenzene
Concen: 9.353 ug/L
RT: 13.99 min Scan# 3985
Delta R.T. 0.00 min
Lab File: VU029063.D
Acq: 07 Jan 2019 17:27

Instrument :
MSVOA_U
ClientSampleId :
C0945DL

Tgt Ion:180 Resp: 14476

Ion	Ratio	Lower	Upper
180	100		
182	90.7	75.8	113.8
145	26.9	24.5	36.7