Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026871.D
Acq On : 18 Sep 2018 18:44
Operator : MD/SY
Sample : VU0918WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK43

Quant Time: Sep 19 07:39:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	251555	50.00	ug/L		0.00
28) Chlorobenzene-d5	9.09	117	236516	50.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	98300	50.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	1.40	65	81212	43.64	ug/L		0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.28%				
7) Chloroethane-d5	1.68	69	74486	46.77	ug/L		0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 93.54%				
11) 1,1-Dichloroethene-d2	2.27	63	121560	34.52	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.04%				
21) 2-Butanone-d5	4.18	46	132945	107.66	ug/L		0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 107.66%				
24) Chloroform-d	4.65	84	159422	46.19	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.38%				
26) 1,2-Dichloroethane-d4	5.31	65	106097	48.81	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.62%				
32) Benzene-d6	5.34	84	333234	50.27	ug/L		0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.54%				
36) 1,2-Dichloropropane-d6	6.33	67	108921	51.00	ug/L		0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.00%				
41) Toluene-d8	7.57	98	282475	47.17	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.34%				
43) trans-1,3-Dichloropropene-	7.85	79	44668	46.84	ug/L		0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.68%				
47) 2-Hexanone-d5	8.31	63	93304	111.16	ug/L		0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 111.16%				
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145647	48.91	ug/L		0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.82%				
64) 1,2-Dichlorobenzene-d4	11.86	152	110501	54.04	ug/L		0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 108.08%				
Target Compounds							Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1243	0.716	ug/L	#	20
12) 1,1-Dichloroethene	2.27	96	1131	0.693	ug/L	#	1
25) Chloroform	4.67	83	4151	1.183	ug/L		85
37) 1,2-Dichloropropane	6.33	63	11528	5.723	ug/L	#	86
39) cis-1,3-Dichloropropene	7.23	75	2601	0.914	ug/L	#	71
44) trans-1,3-Dichloropropene	7.85	75	1867	0.701	ug/L		85
48) 2-Hexanone	8.37	43	2004	1.038	ug/L	#	72
51) Chlorobenzene	9.12	112	7947	1.578	ug/L		97
59) 1,2,3-Trichloropropane	11.48	75	12735	5.278	ug/L		99
62) 1,3-Dichlorobenzene	11.42	146	2250	0.751	ug/L		95
63) 1,4-Dichlorobenzene	11.51	146	7055	2.138	ug/L		96
65) 1,2-Dichlorobenzene	11.88	146	2896	0.873	ug/L	#	76
68) 1,2,4-trichlorobenzene	13.51	180	2795	1.399	ug/L		94
69) Naphthalene	13.75	128	4089	0.695	ug/L	#	95
70) 1,2,3-Trichlorobenzene	13.99	180	1584	0.720	ug/L		93

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

Quantitation Report (Not Reviewed)

Data File : VU026871.D
Acq On : 18 Sep 2018 18:44
Operator : MD/SY
Sample : VU0918WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK43

Quant Time: Sep 19 07:39:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration

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

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

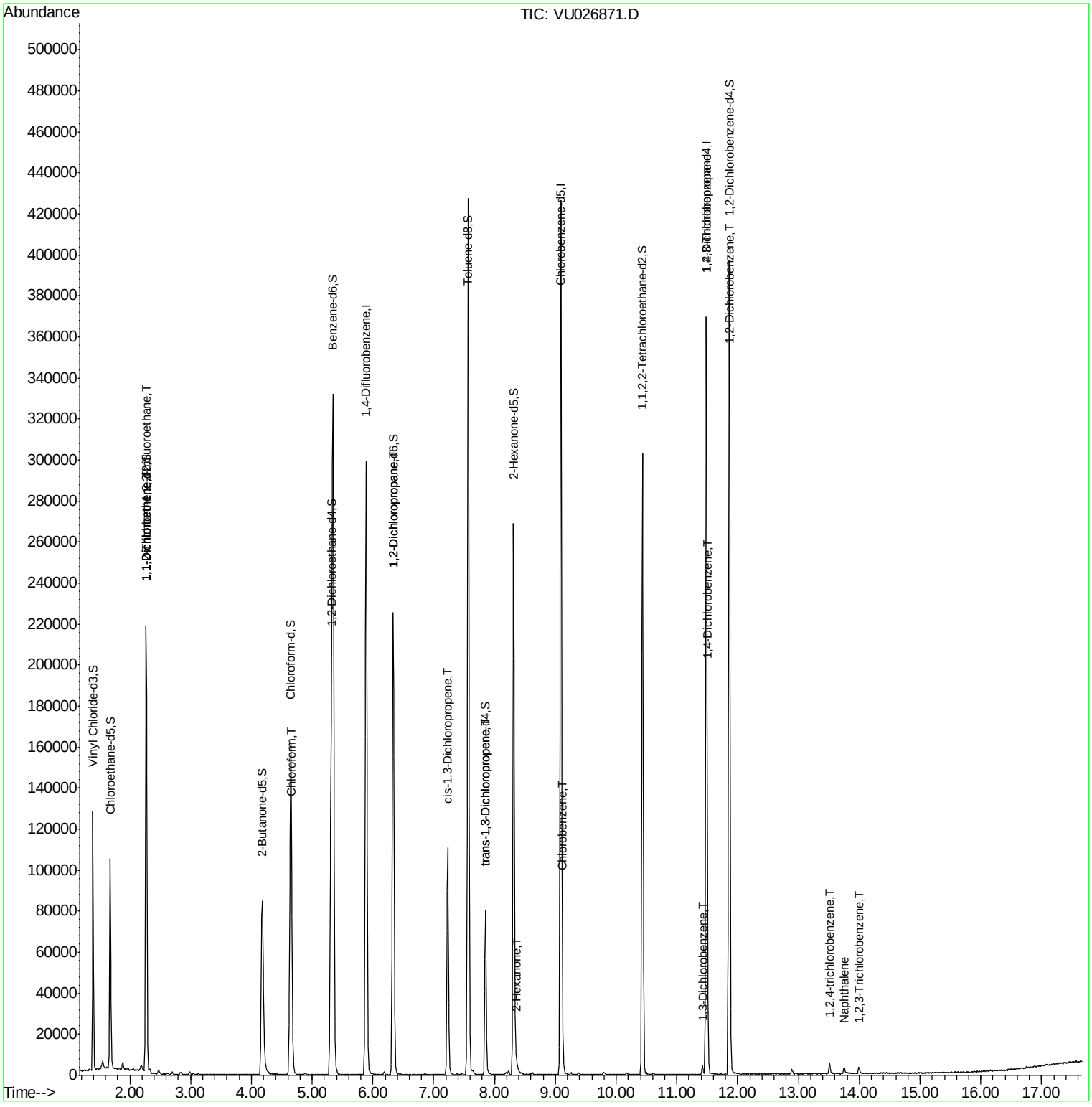
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

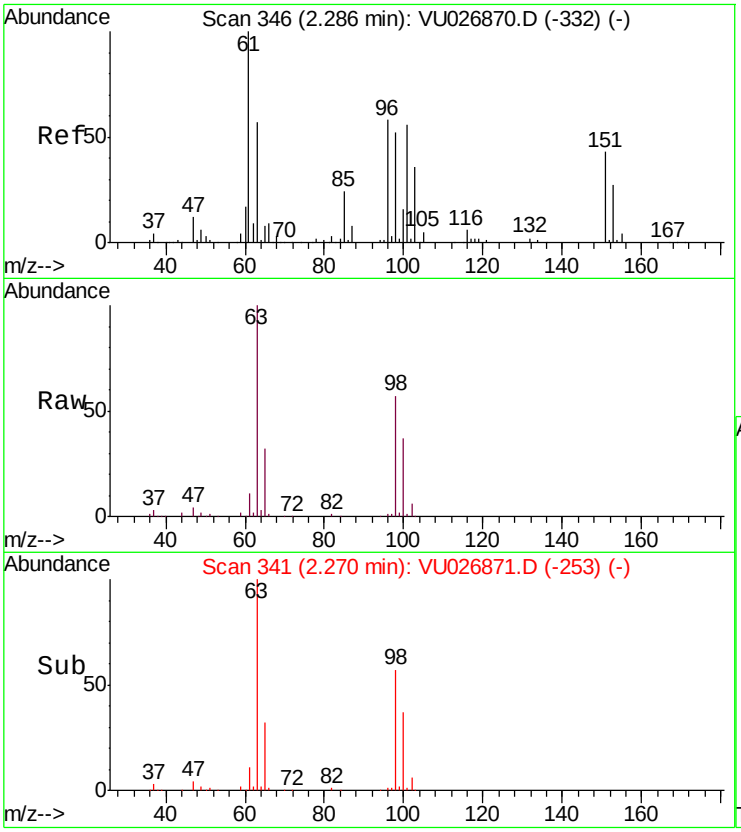
Quantitation Report (Not Reviewed)

Data File : VU026871.D
Acq On : 18 Sep 2018 18:44
Operator : MD/SY
Sample : VU0918WBL02
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK43

Quant Time: Sep 19 07:39:19 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 07:38:56 2018
Response via : Initial Calibration



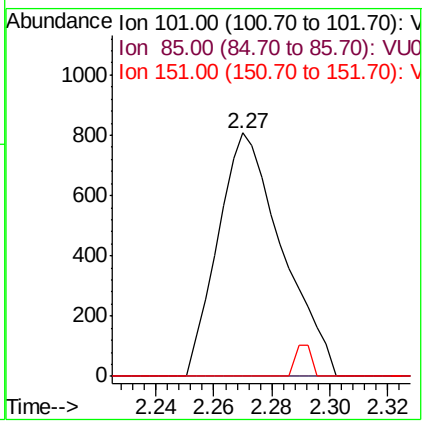


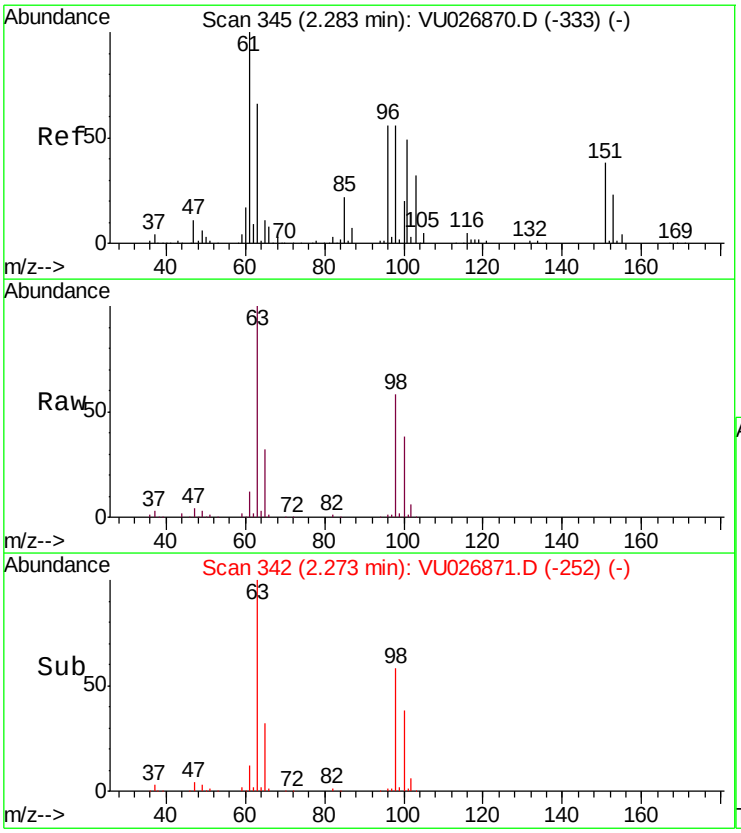
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.716 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
VBLK43

Tgt Ion:101 Resp: 1243

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	3.2	63.0	94.4#

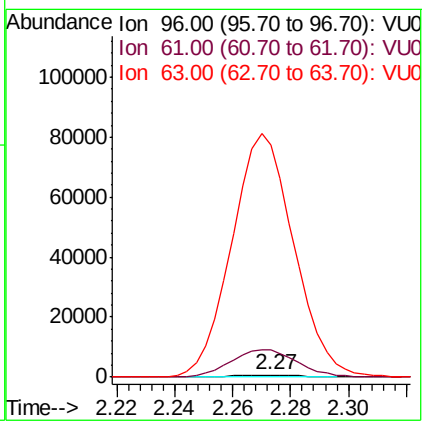


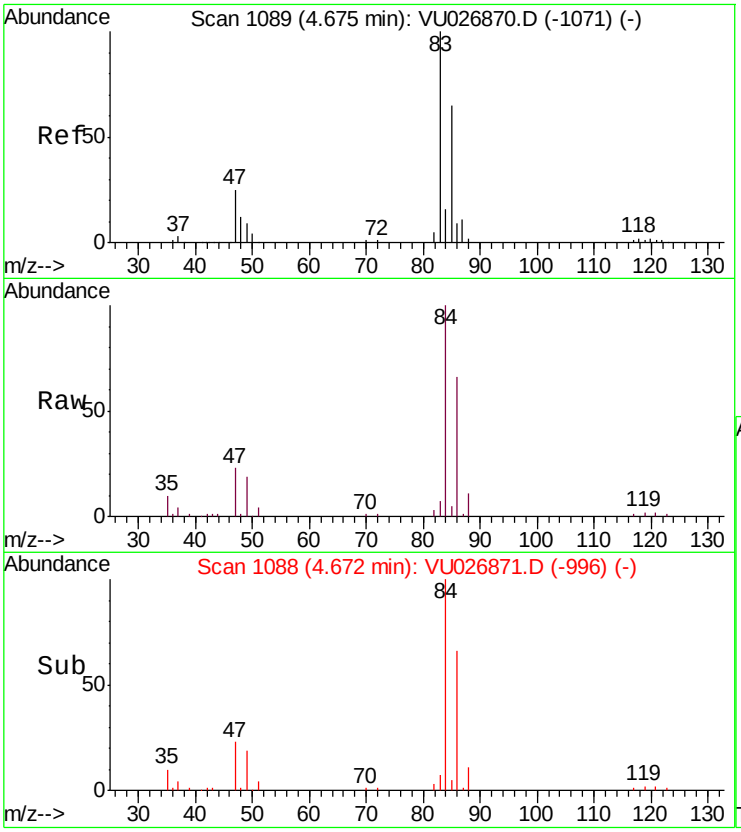


#12
1,1-Dichloroethene
Concen: 0.693 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion: 96 Resp: 1131

Ion	Ratio	Lower	Upper
96	100		
61	1296.4	124.0	230.4#
63	11223.2	97.7	181.5#



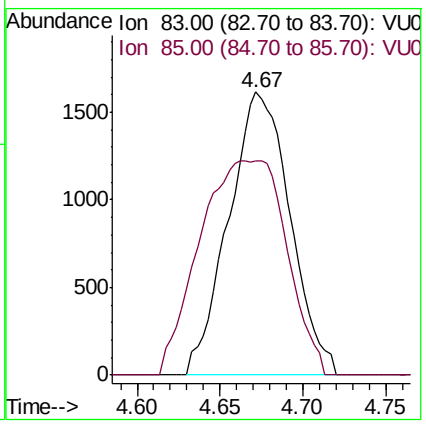


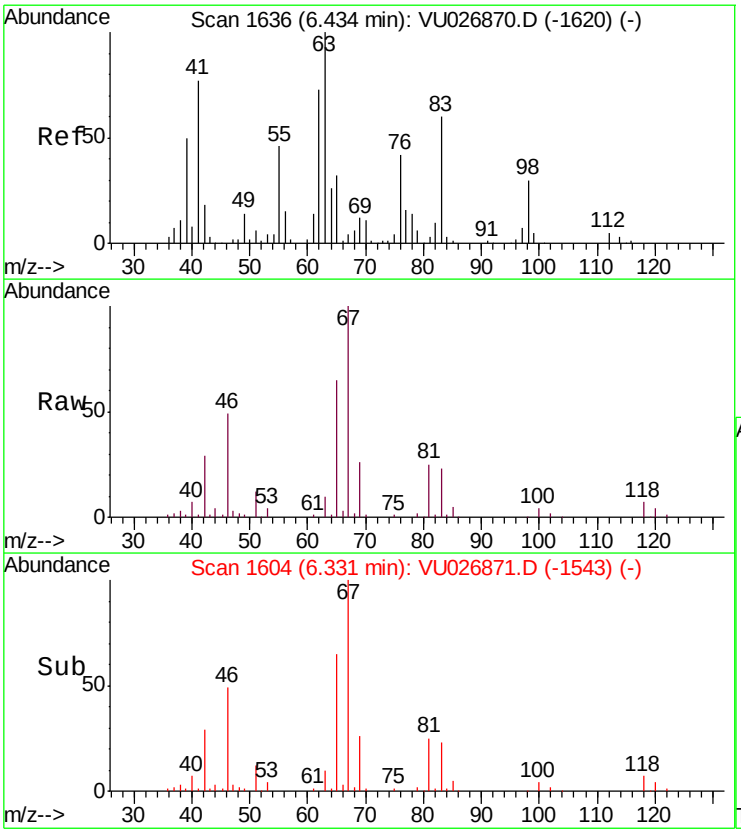
#25
Chloroform
Concen: 1.183 ug/L
RT: 4.67 min Scan# 1088
Delta R.T. -0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument : MSVOA_U
ClientSampleId : VBLK43

Tgt Ion: 83 Resp: 4151

Ion	Ratio	Lower	Upper
83	100		
85	75.5	44.4	82.5

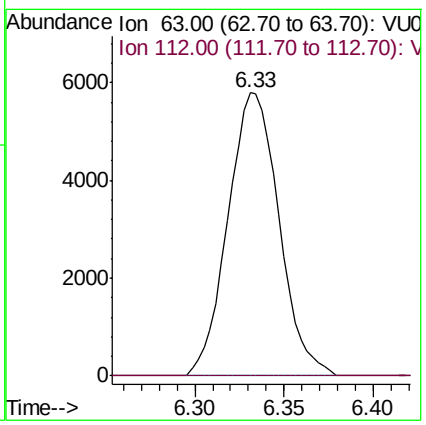


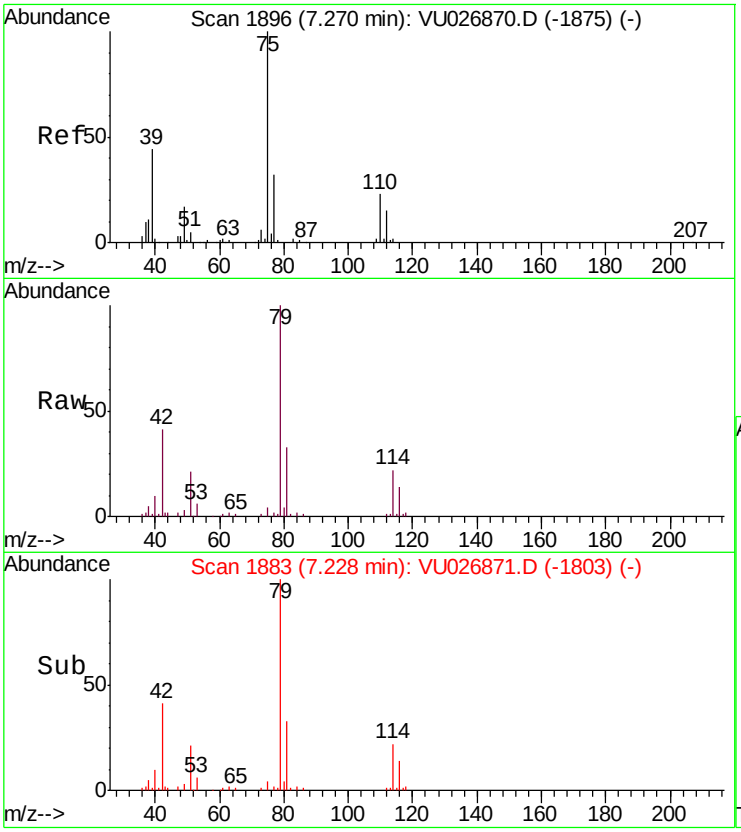


#37
1,2-Dichloropropane
Concen: 5.723 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion: 63 Resp: 11528

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



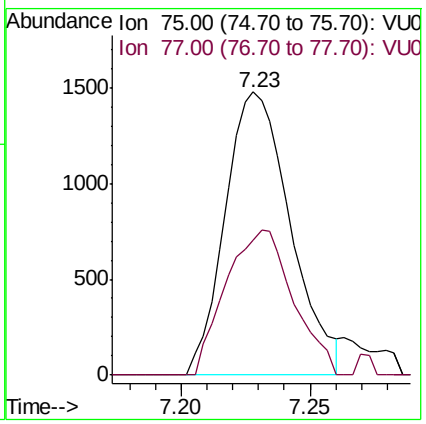


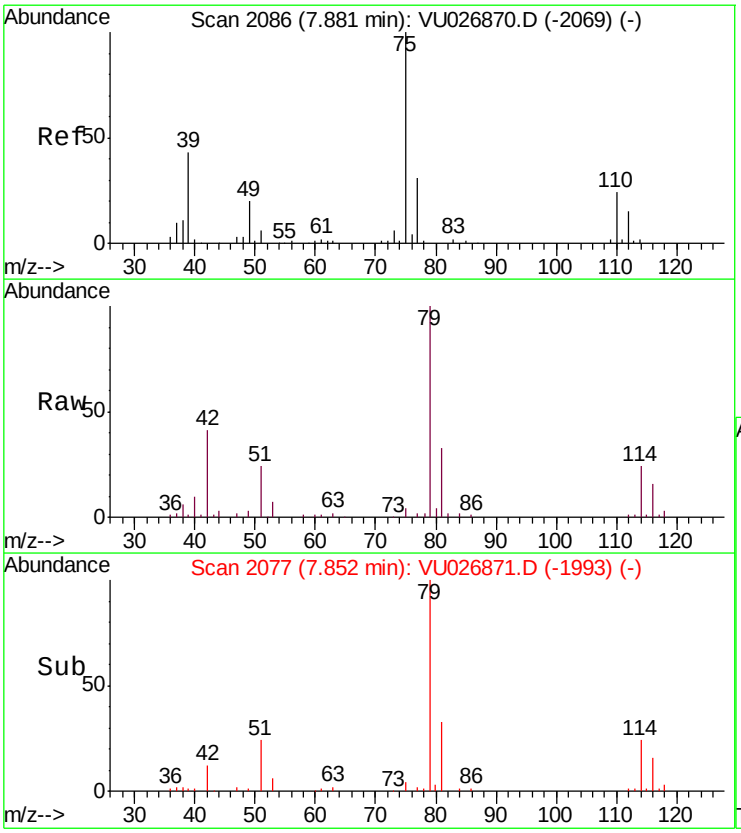
#39
cis-1,3-Dichloropropene
Concen: 0.914 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
VBLK43

Tgt Ion: 75 Resp: 2601

Ion	Ratio	Lower	Upper
75	100		
77	47.6	22.1	41.1#

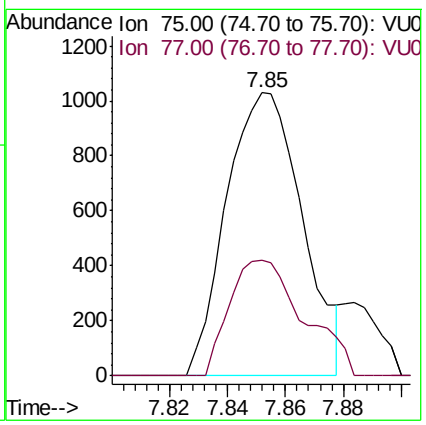


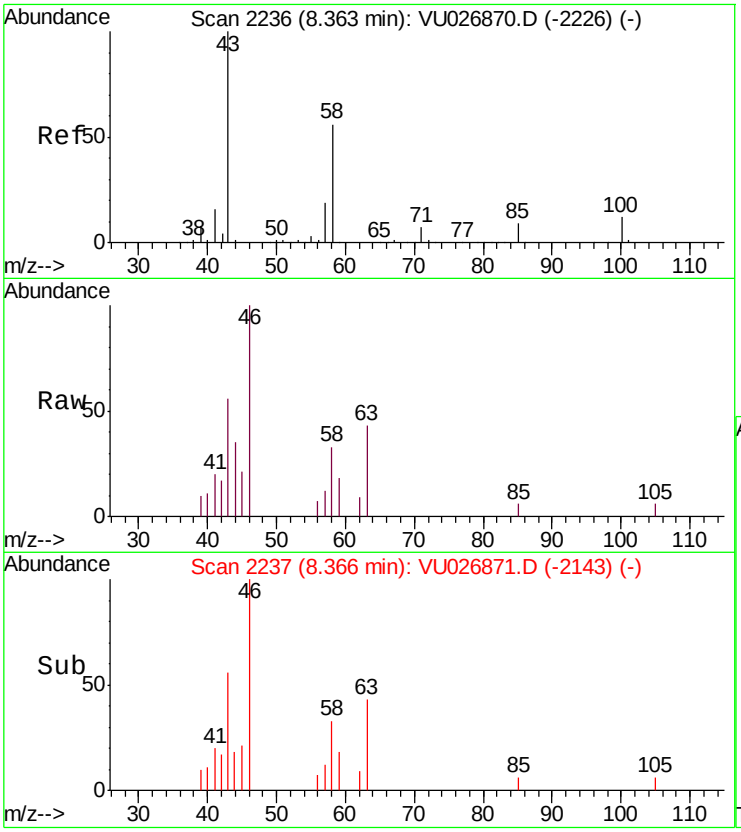


#44
trans-1,3-Dichloropropene
Concen: 0.701 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion: 75 Resp: 1867

Ion	Ratio	Lower	Upper
75	100		
77	41.0	22.8	42.4



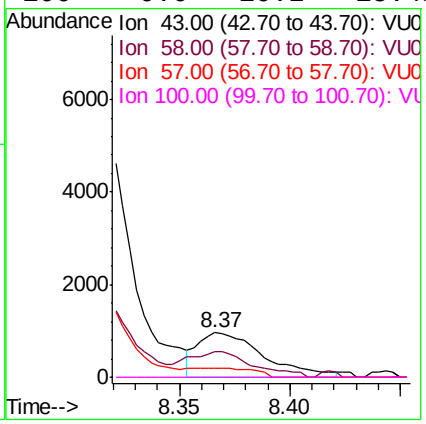


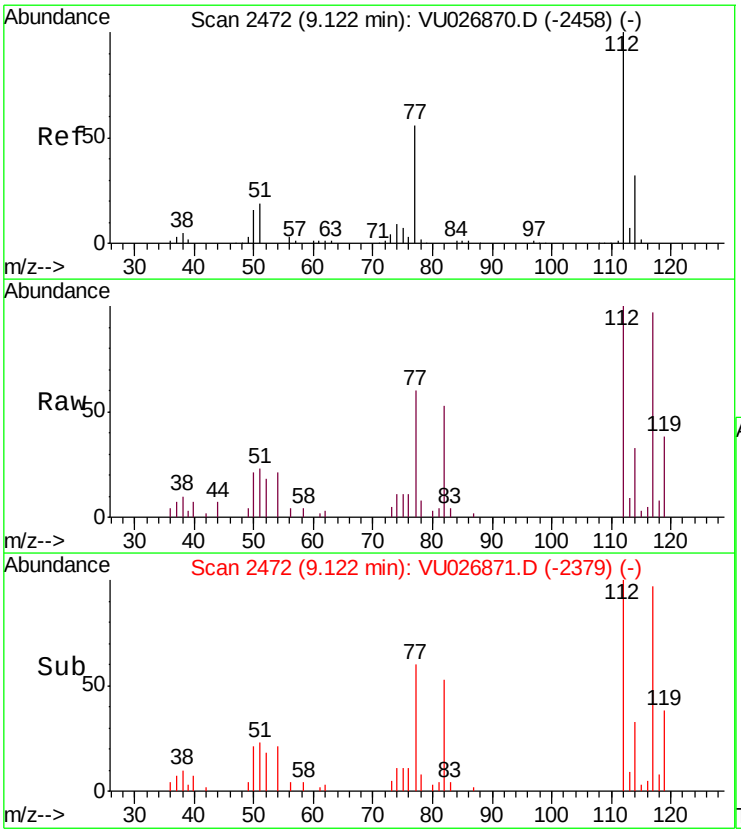
#48
2-Hexanone
Concen: 1.038 ug/L
RT: 8.37 min Scan# 2237
Delta R.T. 0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument : MSVOA_U
ClientSampleId : VBLK43

Tgt Ion: 43 Resp: 2004

Ion	Ratio	Lower	Upper
43	100		
58	40.5	44.9	67.3#
57	0.0	15.4	23.2#
100	0.0	10.2	15.4#

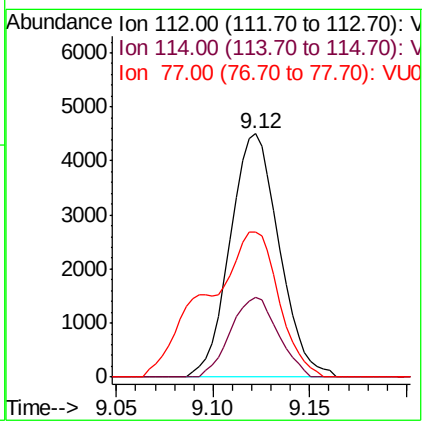


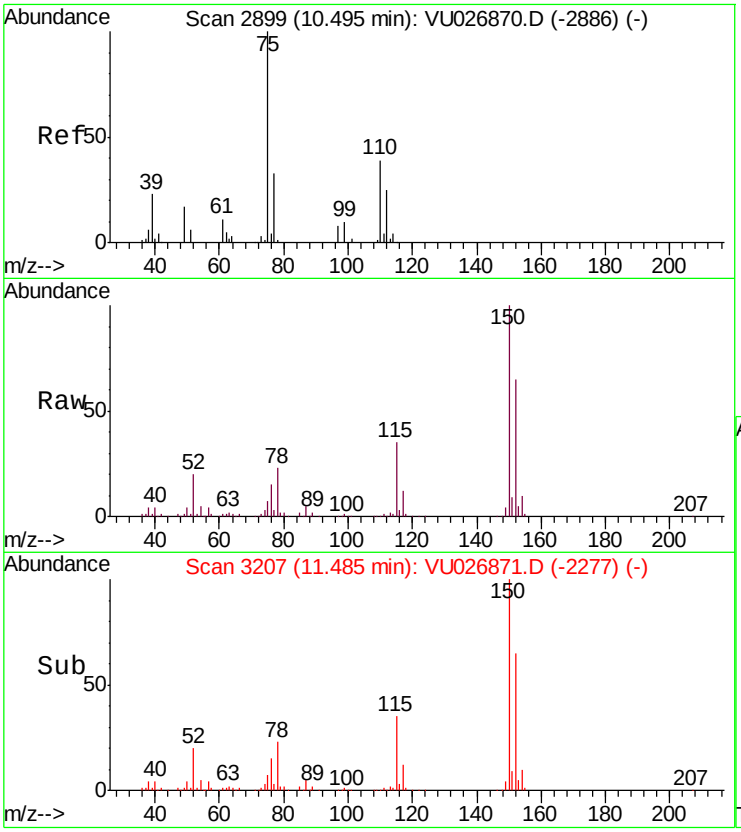


#51
Chlorobenzene
Concen: 1.578 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion:112 Resp: 7947

Ion	Ratio	Lower	Upper
112	100		
114	32.6	22.3	41.5
77	59.7	45.1	67.7



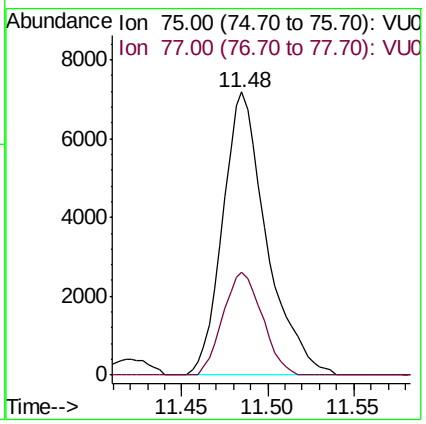


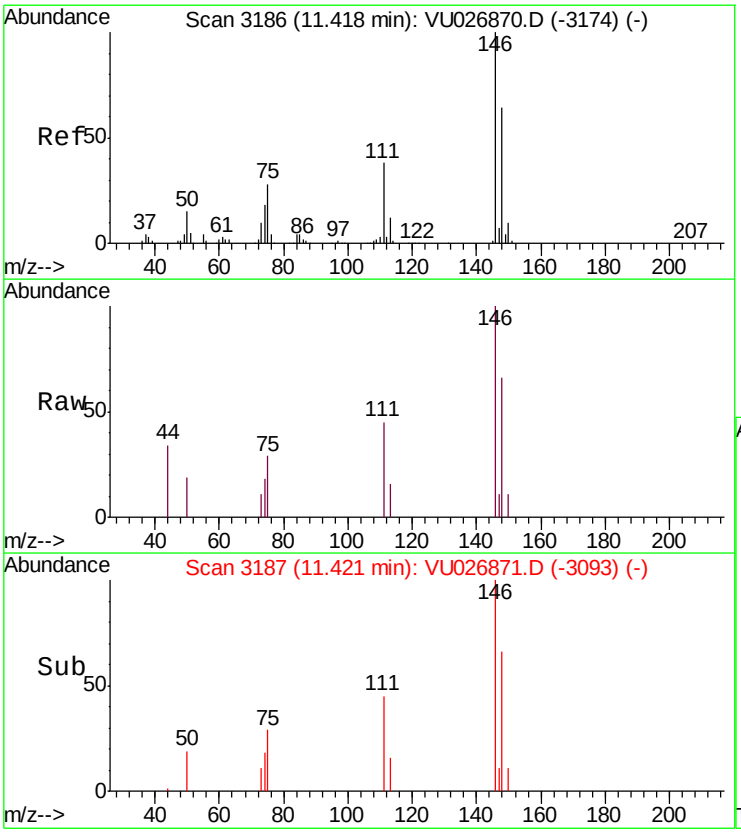
#59
1,2,3-Trichloropropane
Concen: 5.278 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument : MSVOA_U
ClientSampleId : VBLK43

Tgt Ion: 75 Resp: 12735

Ion	Ratio	Lower	Upper
75	100		
77	32.6	25.5	38.3

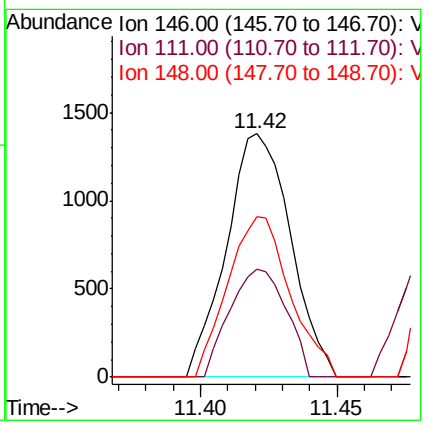


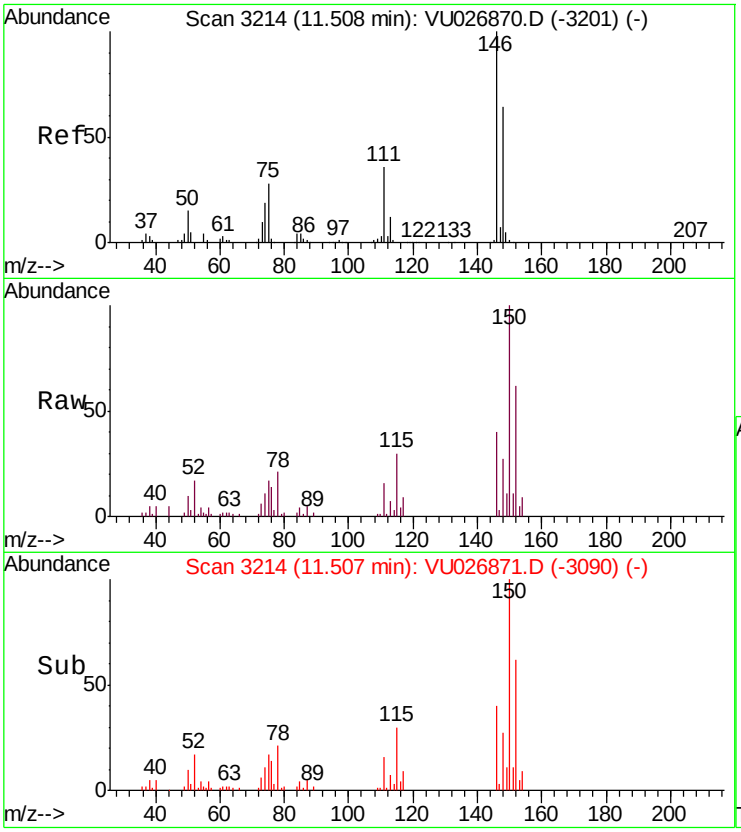


#62
1,3-Dichlorobenzene
Concen: 0.751 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion:146 Resp: 2250

Ion	Ratio	Lower	Upper
146	100		
111	44.6	26.7	49.7
148	65.7	44.9	83.5



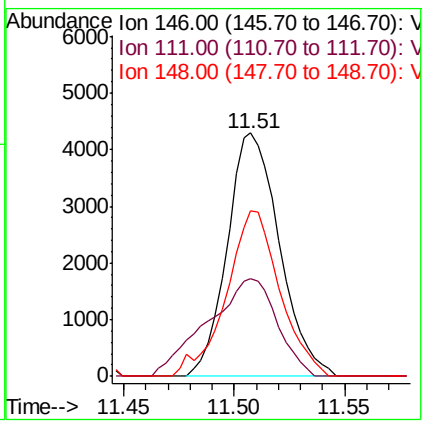


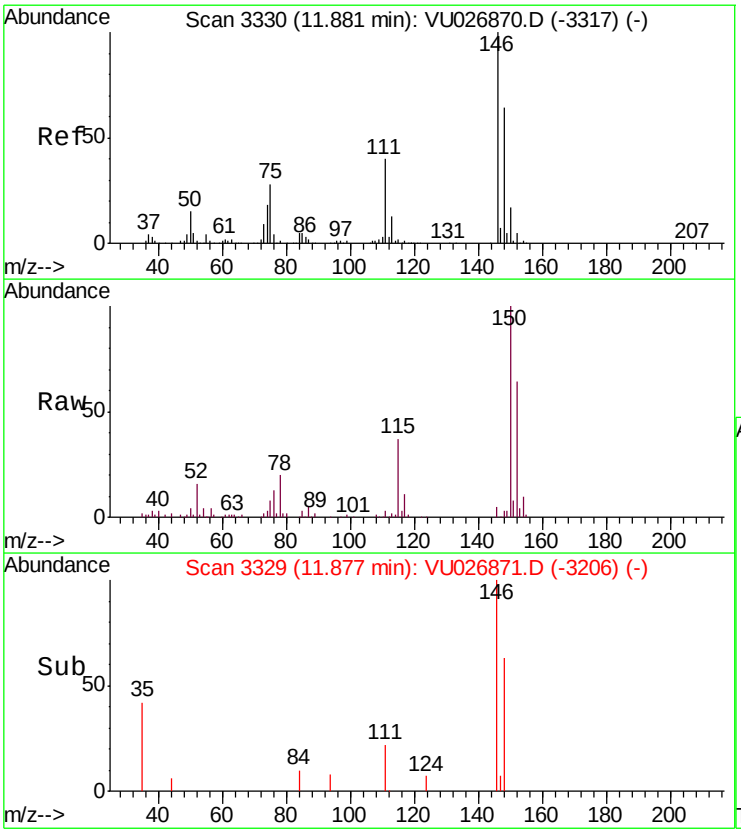
#63
1,4-Dichlorobenzene
Concen: 2.138 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. -0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument : MSVOA_U
ClientSampleId : VBLK43

Tgt Ion:146 Resp: 7055

Ion	Ratio	Lower	Upper
146	100		
111	40.3	26.0	48.2
148	67.9	45.8	85.2

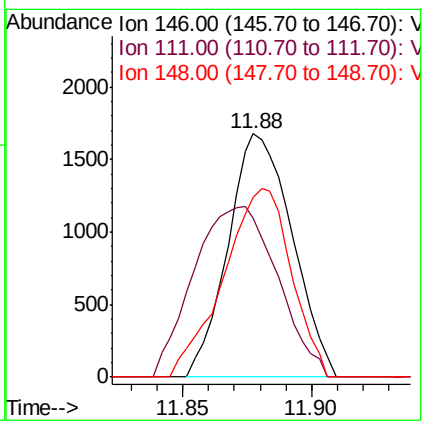


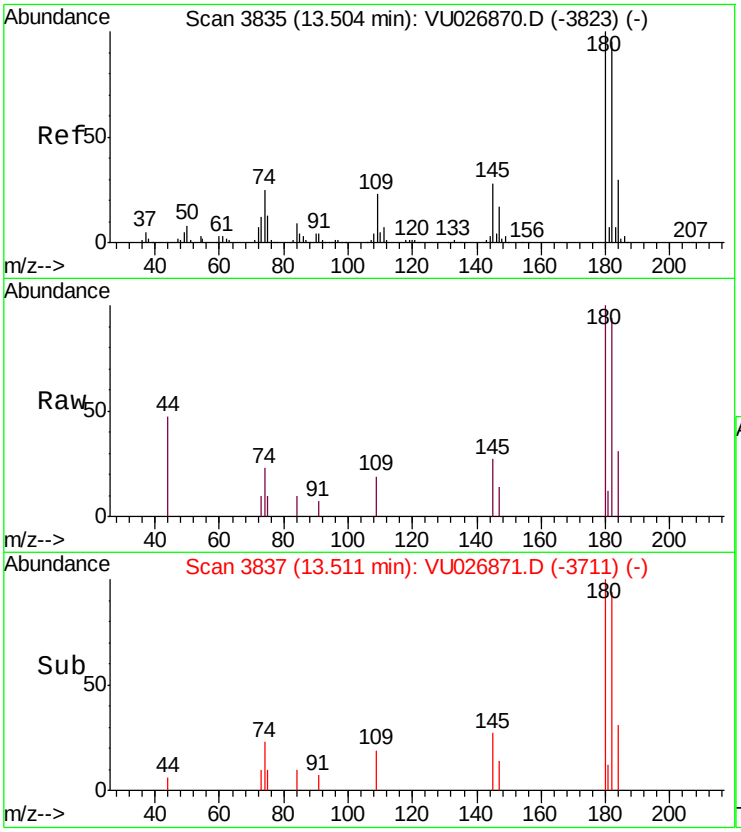


#65
1,2-Dichlorobenzene
Concen: 0.873 ug/L
RT: 11.88 min Scan# 3329
Delta R.T. -0.00 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion:146 Resp: 2896

Ion	Ratio	Lower	Upper
146	100		
111	65.2	31.4	47.0#
148	73.8	51.4	77.2



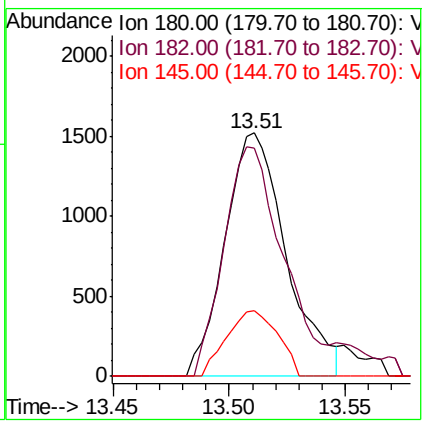


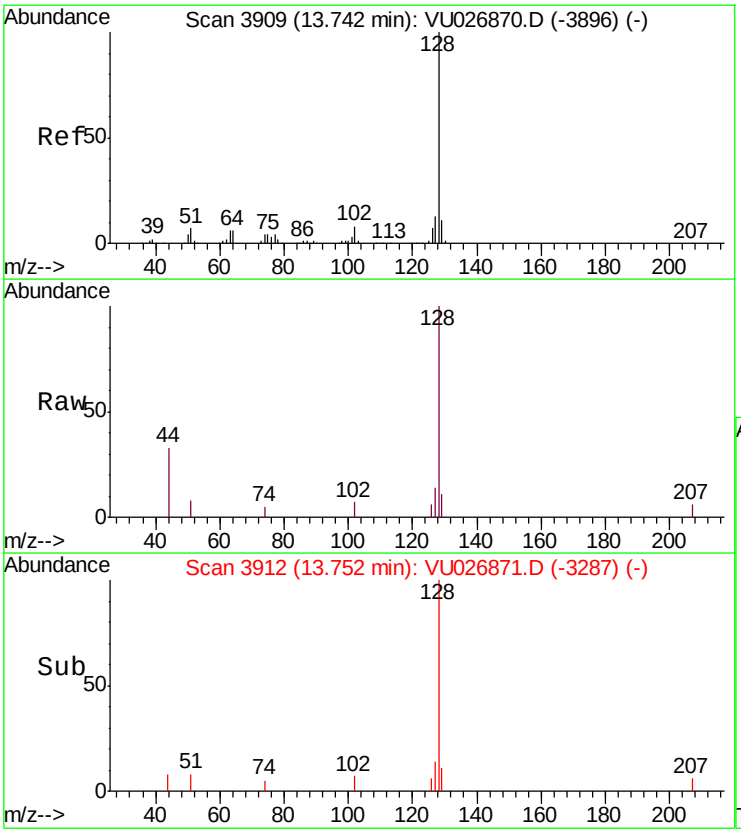
#68
1,2,4-trichlorobenzene
Concen: 1.399 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
VBLK43

Tgt Ion:180 Resp: 2795

Ion	Ratio	Lower	Upper
180	100		
182	91.4	76.8	115.2
145	22.5	22.2	33.2

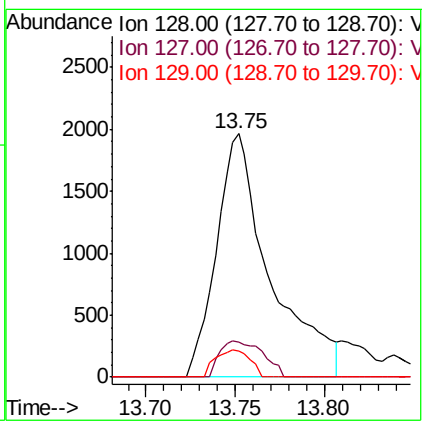


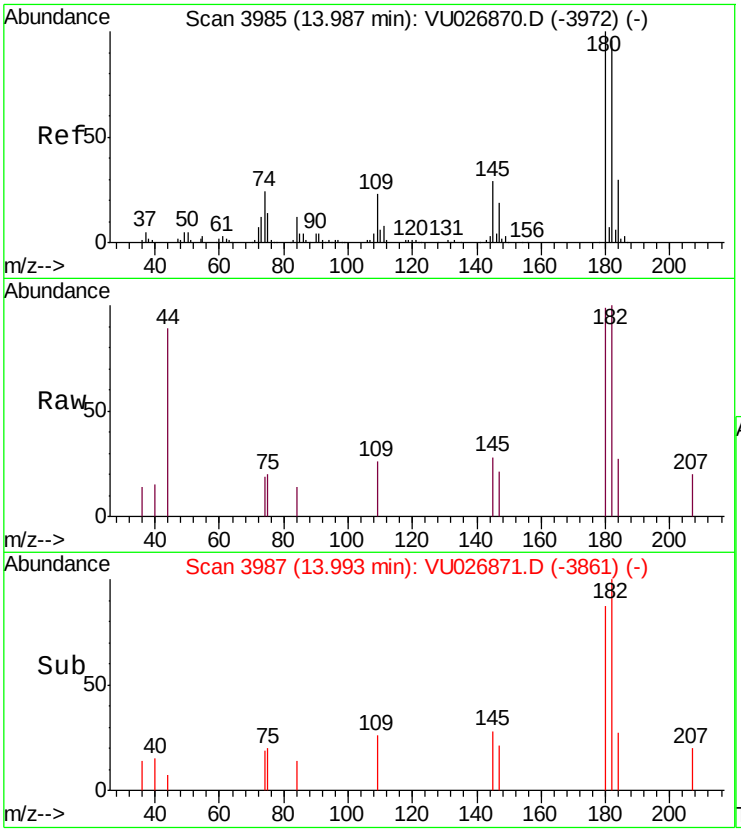


#69
Naphthalene
Concen: 0.695 ug/L
RT: 13.75 min Scan# 3912
Delta R.T. 0.01 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Tgt Ion:128 Resp: 4089

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.2	15.4
129	7.1	8.6	12.8#





#70
1,2,3-Trichlorobenzene
Concen: 0.720 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026871.D
Acq: 18 Sep 2018 18:44

Instrument :
MSVOA_U
ClientSampleId :
VBLK43

Tgt Ion:180 Resp: 1584

Ion	Ratio	Lower	Upper
180	100		
182	101.1	75.6	113.4
145	26.1	23.8	35.6