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

Quantitation Report (Not Reviewed)

Data File : VU026851.D
Acq On : 18 Sep 2018 10:59
Operator : MD/SY
Sample : J4896-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08P1

Quant Time: Sep 19 05:06:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	238212	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	226950	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	93328	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	79175	44.93	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 89.86%			
7) Chloroethane-d5	1.68	69	73324	48.61	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.22%			
11) 1,1-Dichloroethene-d2	2.27	63	120674	36.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.38%			
21) 2-Butanone-d5	4.18	46	131808	112.72	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 112.72%			
24) Chloroform-d	4.65	84	160759	49.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.36%			
26) 1,2-Dichloroethane-d4	5.31	65	106128	51.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.12%			
32) Benzene-d6	5.34	84	328146	51.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.18%			
36) 1,2-Dichloropropane-d6	6.33	67	107382	52.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.80%			
41) Toluene-d8	7.57	98	277194	48.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.48%			
43) trans-1,3-Dichloropropene-	7.85	79	44831	49.00	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 98.00%			
47) 2-Hexanone-d5	8.31	63	92880	115.32	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 115.32%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	145462	50.91	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.82%			
64) 1,2-Dichlorobenzene-d4	11.86	152	108820	56.05	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 112.10%			
Target Compounds						Qvalue
8) Chloroethane	1.40	64	1161	0.829	ug/L #	1
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1063	0.646	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	932	0.603	ug/L #	1
13) Acetone	2.32	43	654	0.569	ug/L	59
37) 1,2-Dichloropropane	6.33	63	11399	5.897	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2515	0.921	ug/L #	62
40) 4-Methyl-2-pentanone	7.57	43	1100	0.479	ug/L #	1
44) trans-1,3-Dichloropropene	7.85	75	1789	0.700	ug/L	88
51) Chlorobenzene	9.12	112	9747	2.017	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	13237	5.717	ug/L	94
62) 1,3-Dichlorobenzene	11.42	146	2379	0.836	ug/L	96
63) 1,4-Dichlorobenzene	11.51	146	10874	3.471	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	63554	20.174	ug/L	97
67) 1,3,5-Trichlorobenzene	13.51	180	5087	2.311	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	5087	2.681	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	1028	0.492	ug/L #	92

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

Quantitation Report (Not Reviewed)

Data File : VU026851.D
Acq On : 18 Sep 2018 10:59
Operator : MD/SY
Sample : J4896-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08P1

Quant Time: Sep 19 05:06:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration

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

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

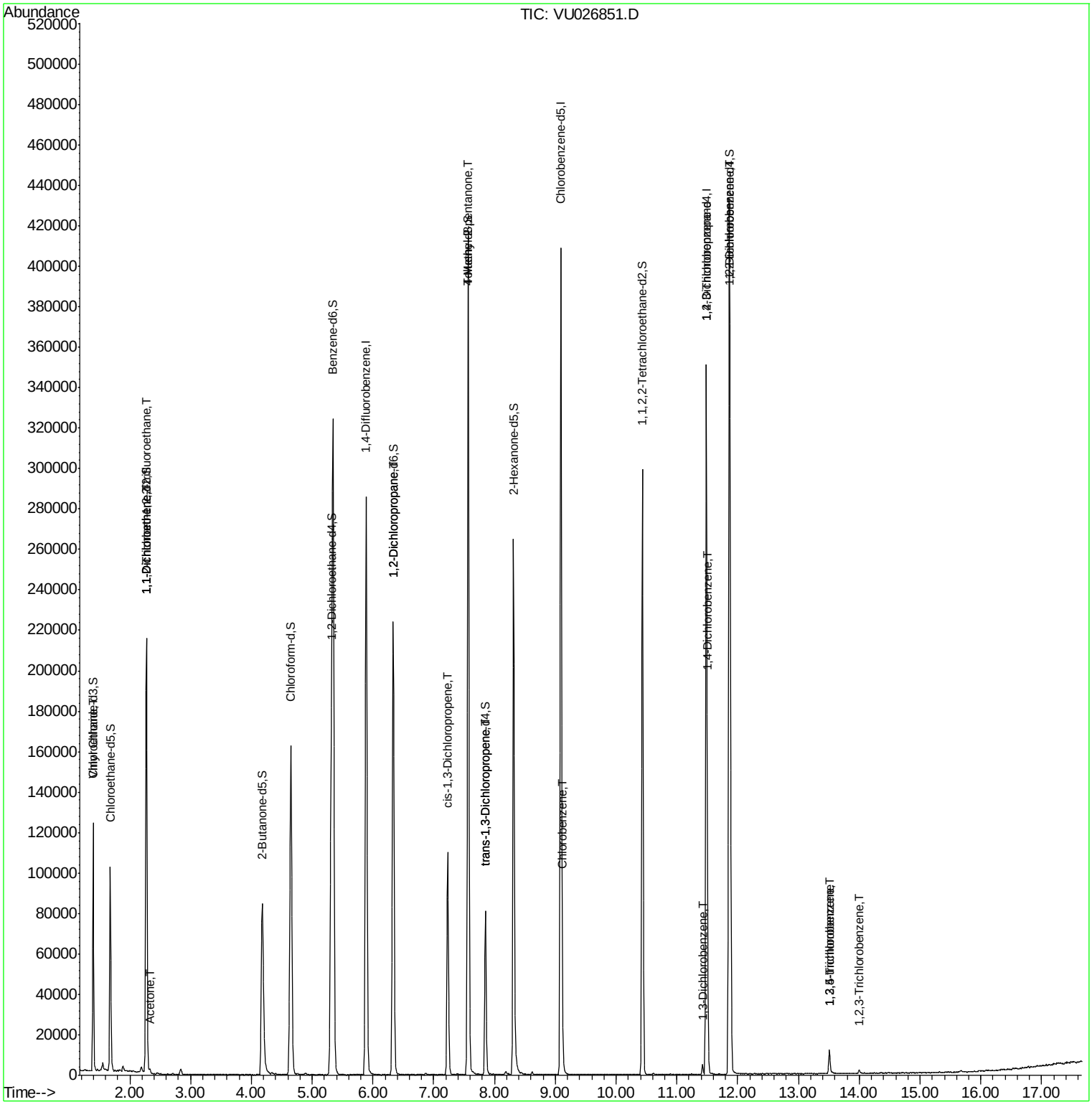
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091818\

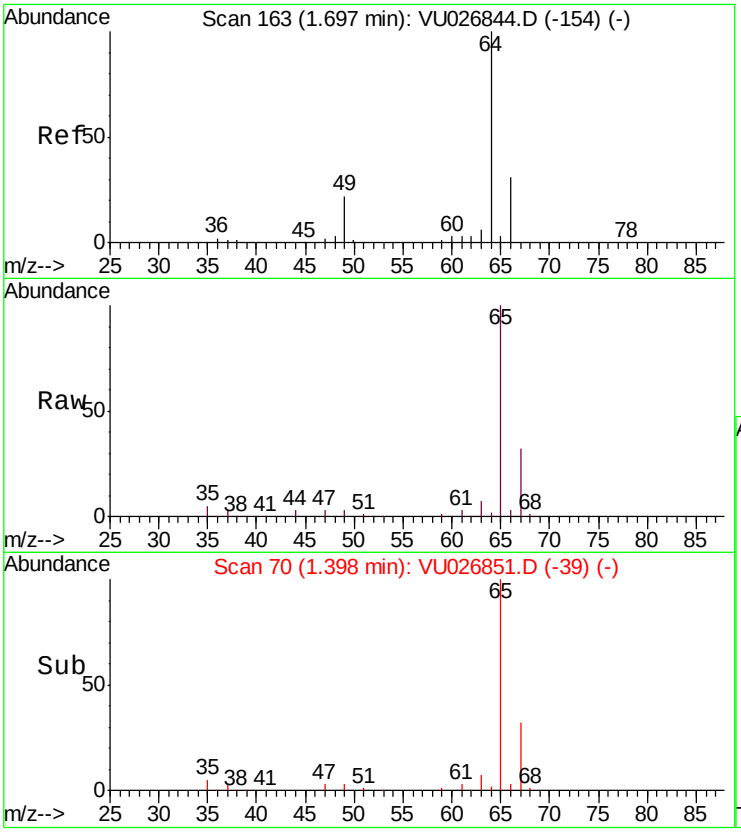
Quantitation Report (Not Reviewed)

Data File : VU026851.D
Acq On : 18 Sep 2018 10:59
Operator : MD/SY
Sample : J4896-02 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08P1

Quant Time: Sep 19 05:06:52 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Wed Sep 19 05:05:35 2018
Response via : Initial Calibration



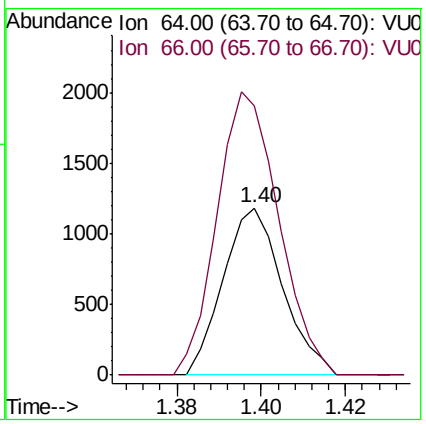


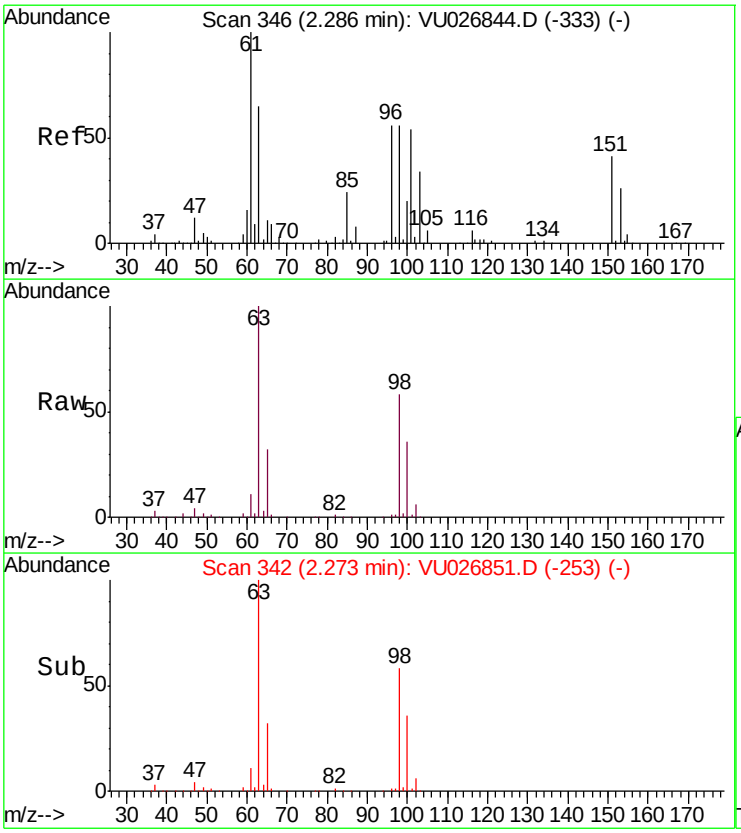
#8
Chloroethane
Concen: 0.829 ug/L
RT: 1.40 min Scan# 70
Delta R.T. -0.30 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tgt Ion: 64 Resp: 1161

Ion	Ratio	Lower	Upper
64	100		
66	160.9	23.0	42.8#

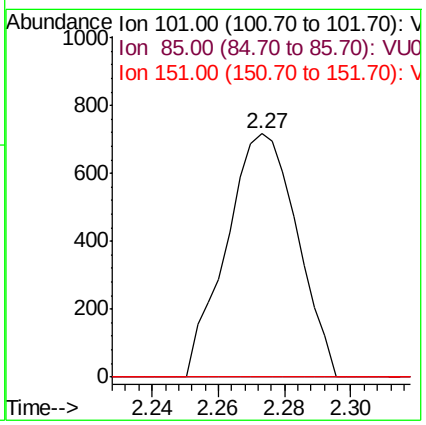


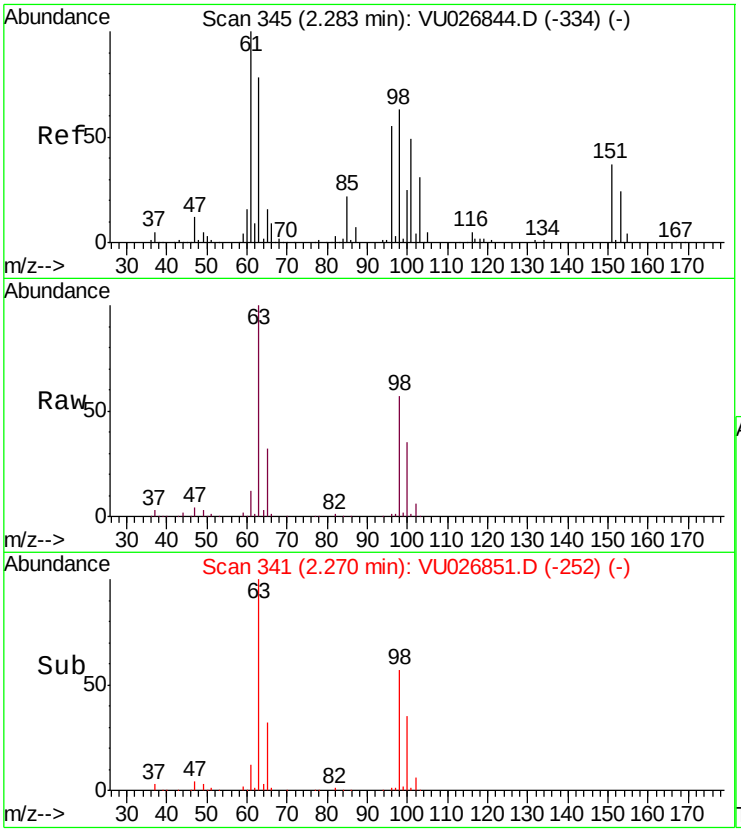


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.646 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion:101 Resp: 1063

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



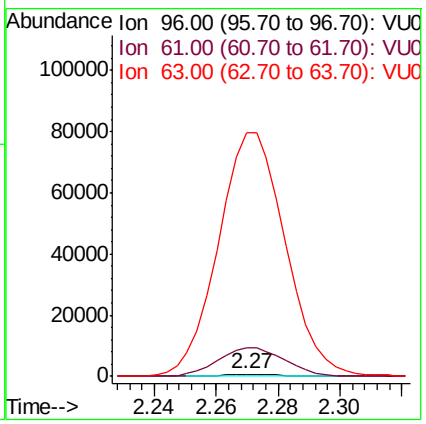


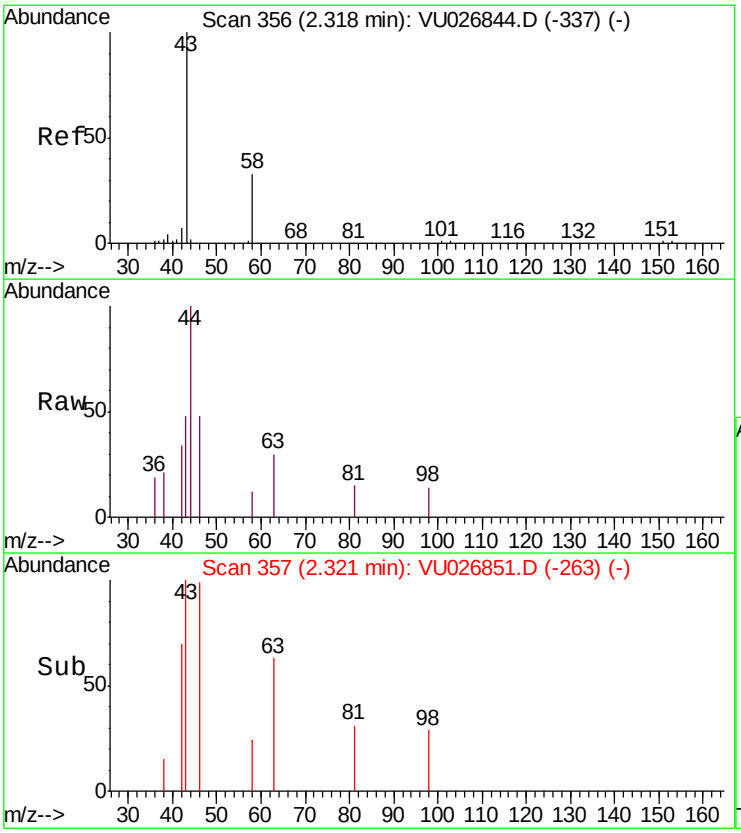
#12
1,1-Dichloroethene
Concen: 0.603 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument : MSVOA_U
ClientSampleId : C08P1

Tgt Ion: 96 Resp: 932

Ion	Ratio	Lower	Upper
96	100		
61	1519.8	124.0	230.4#
63	13049.2	97.7	181.5#

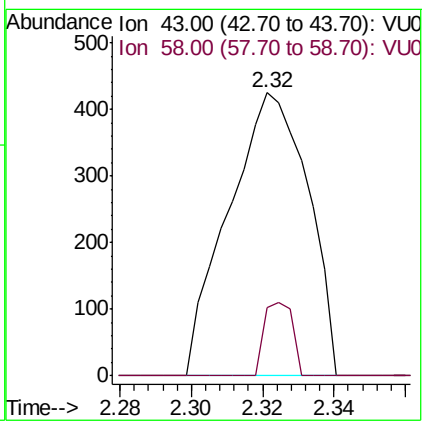


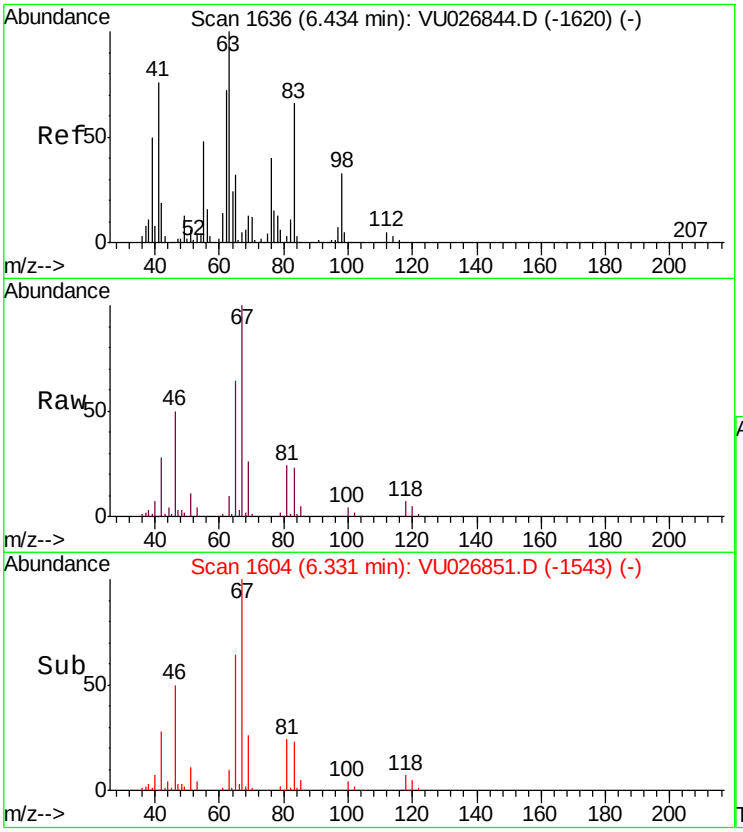


#13
Acetone
Concen: 0.569 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion: 43 Resp: 654

Ion	Ratio	Lower	Upper
43	100		
58	9.3	0.0	64.6



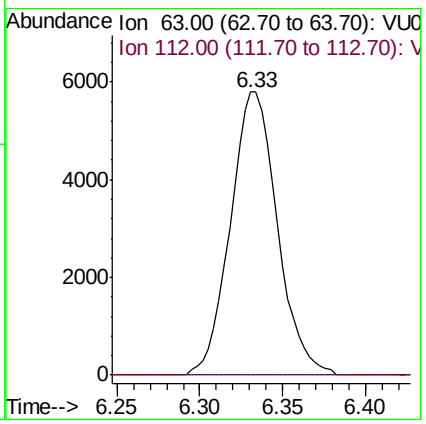


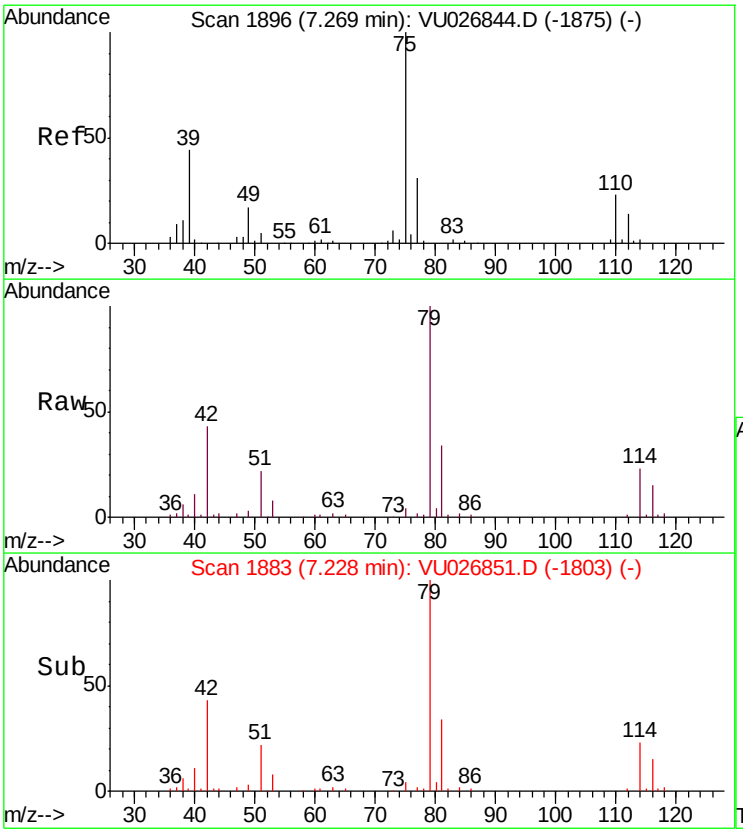
#37
1,2-Dichloropropane
Concen: 5.897 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument : MSVOA_U
ClientSampleId : C08P1

Tgt Ion: 63 Resp: 11399

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

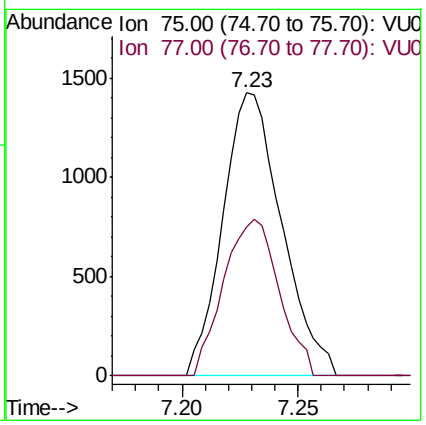


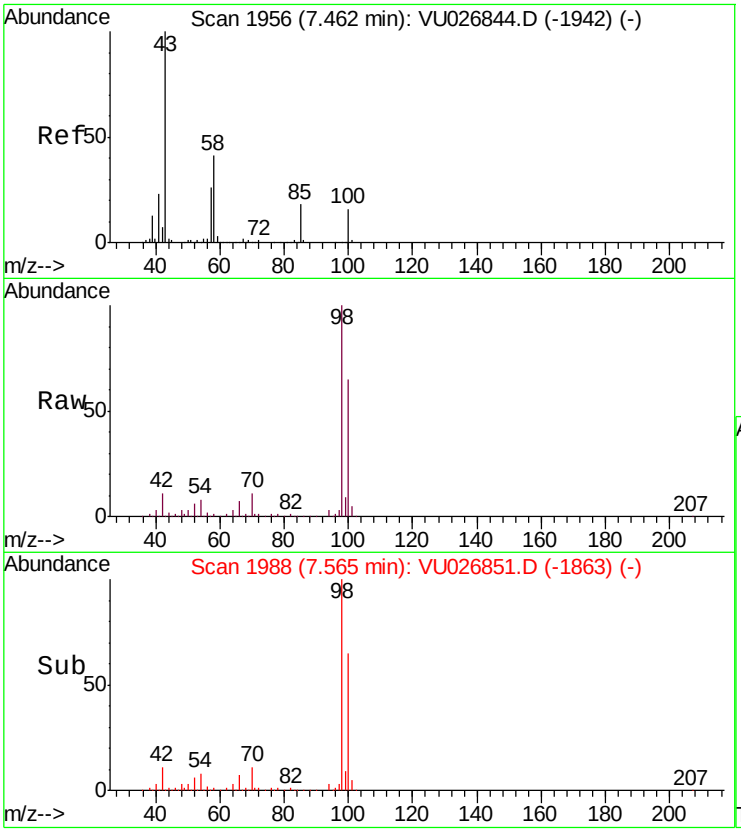


#39
cis-1,3-Dichloropropene
Concen: 0.921 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion: 75 Resp: 2515

Ion	Ratio	Lower	Upper
75	100		
77	52.4	22.1	41.1#



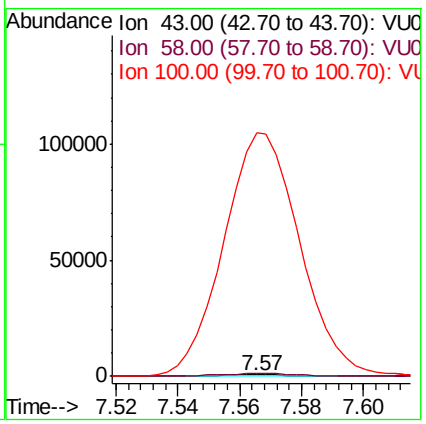


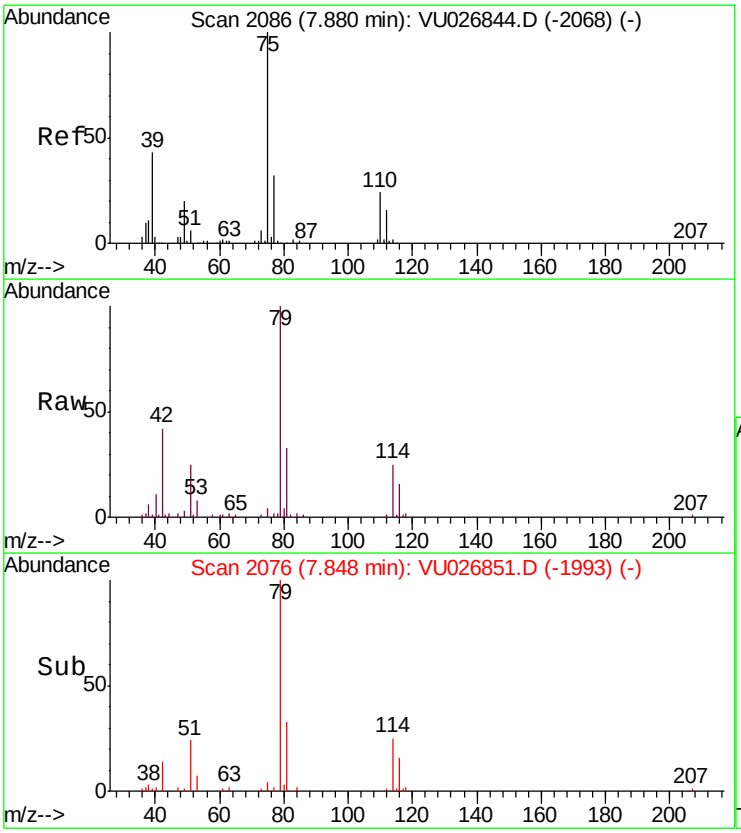
#40
4-Methyl-2-pentanone
Concen: 0.479 ug/L
RT: 7.57 min Scan# 1988
Delta R.T. 0.10 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument : MSVOA_U
ClientSampleId : C08P1

Tgt Ion: 43 Resp: 1100

Ion	Ratio	Lower	Upper
43	100		
58	210.0	32.0	48.0#
100	16417.8	12.6	19.0#

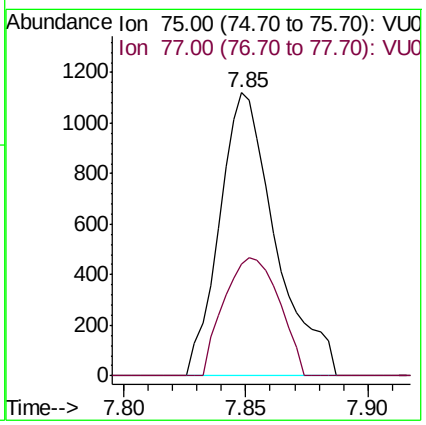


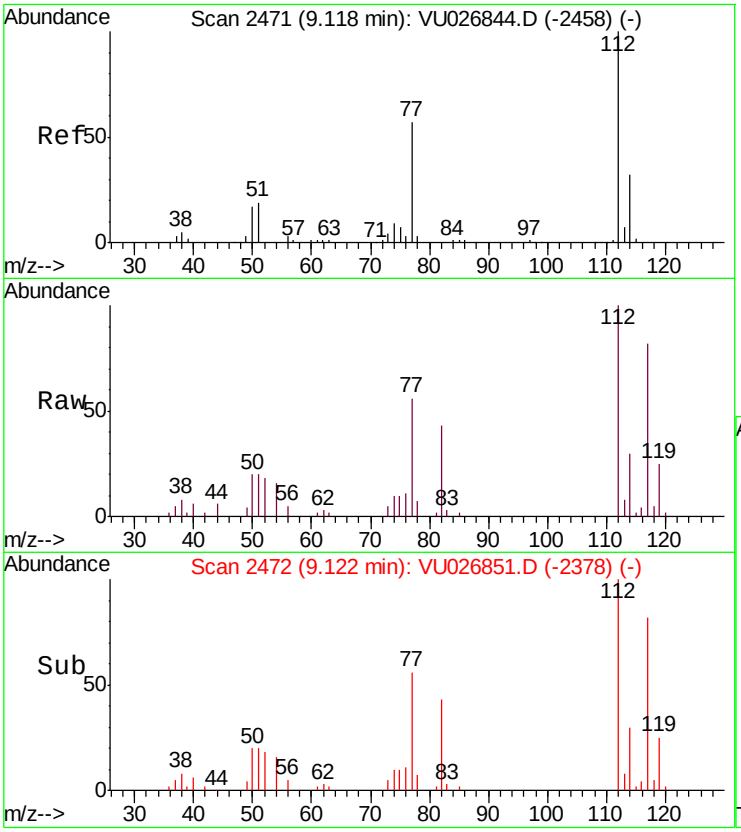


#44
trans-1,3-Dichloropropene
Concen: 0.700 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion: 75 Resp: 1789

Ion	Ratio	Lower	Upper
75	100		
77	39.4	22.8	42.4



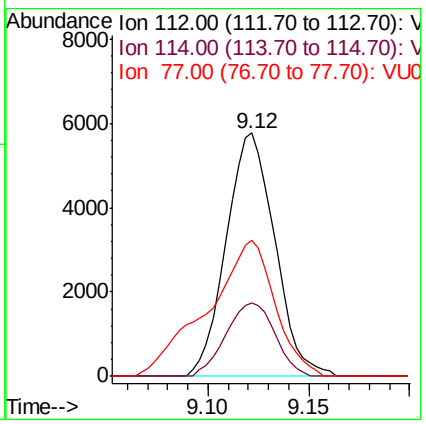


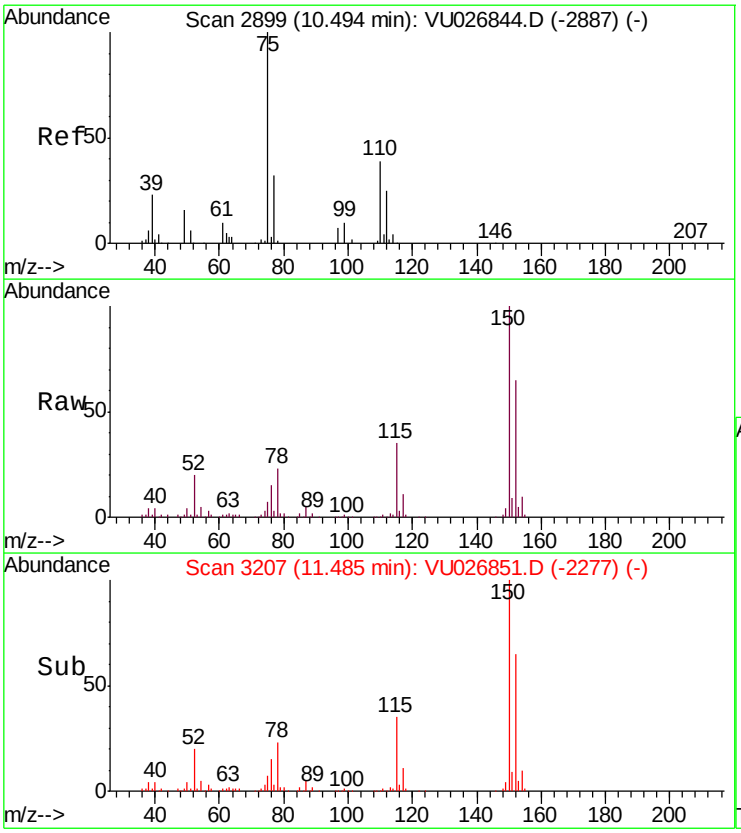
#51
Chlorobenzene
Concen: 2.017 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tgt Ion:112 Resp: 9747

Ion	Ratio	Lower	Upper
112	100		
114	30.2	22.3	41.5
77	56.2	45.1	67.7

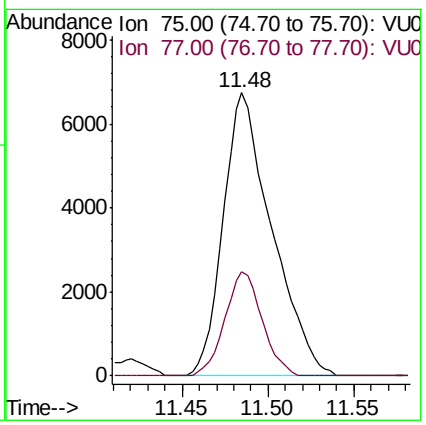


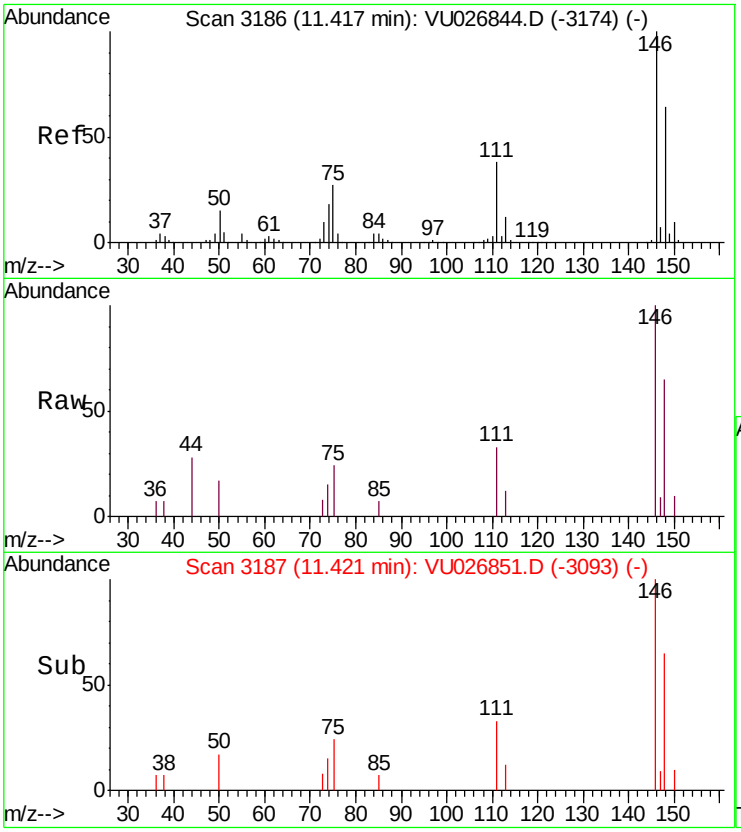


#59
1,2,3-Trichloropropane
Concen: 5.717 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion: 75 Resp: 13237

Ion	Ratio	Lower	Upper
75	100		
77	28.3	25.5	38.3



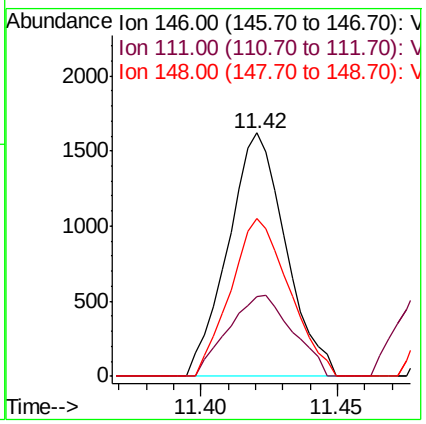


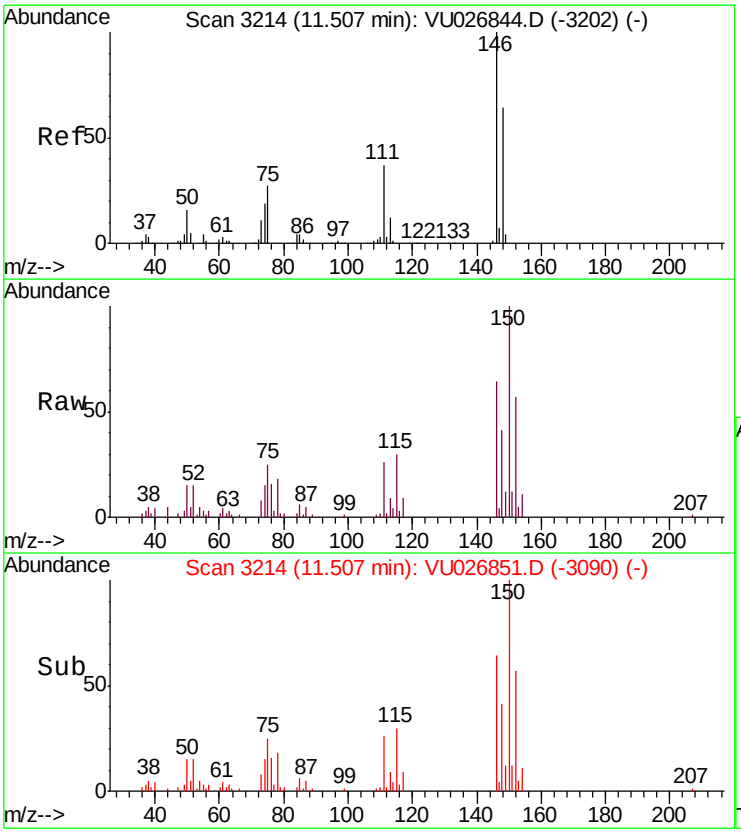
#62
1,3-Dichlorobenzene
Concen: 0.836 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tgt Ion:146 Resp: 2379

Ion	Ratio	Lower	Upper
146	100		
111	32.9	26.7	49.7
148	64.8	44.9	83.5

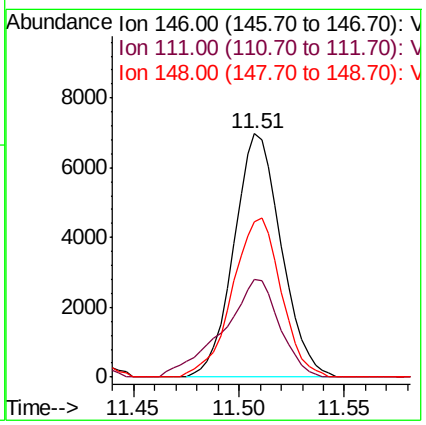


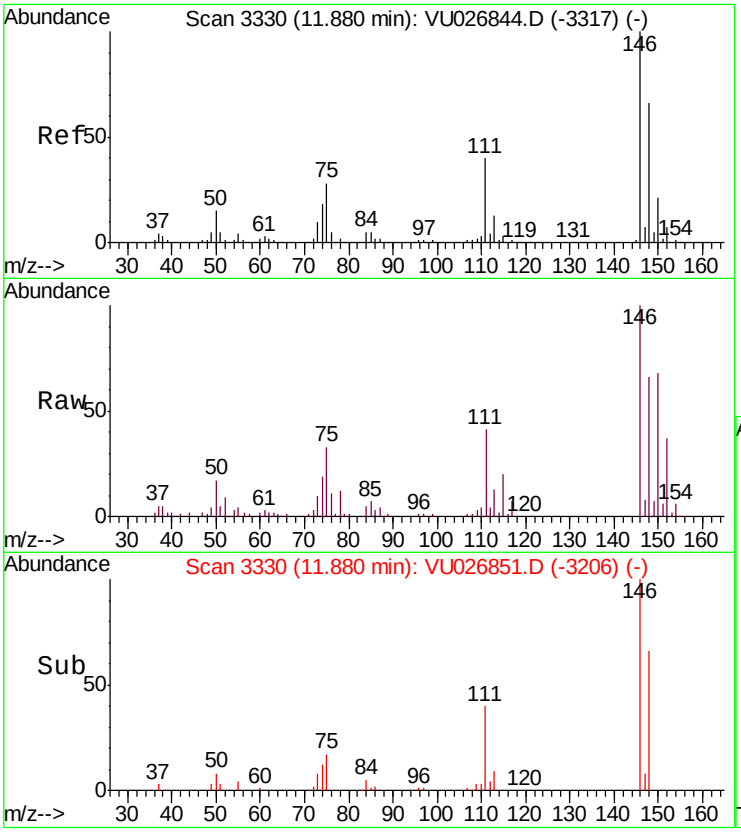


#63
1,4-Dichlorobenzene
Concen: 3.471 ug/L
RT: 11.51 min Scan# 3214
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion:146 Resp: 10874

Ion	Ratio	Lower	Upper
146	100		
111	40.2	26.0	48.2
148	63.7	45.8	85.2



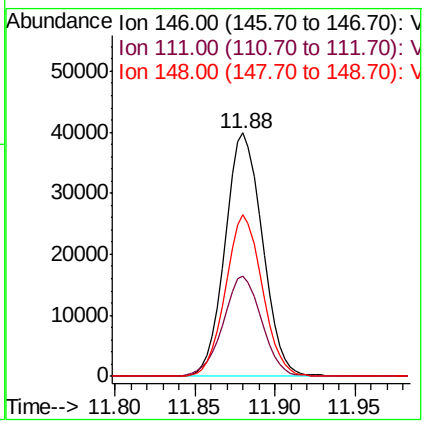


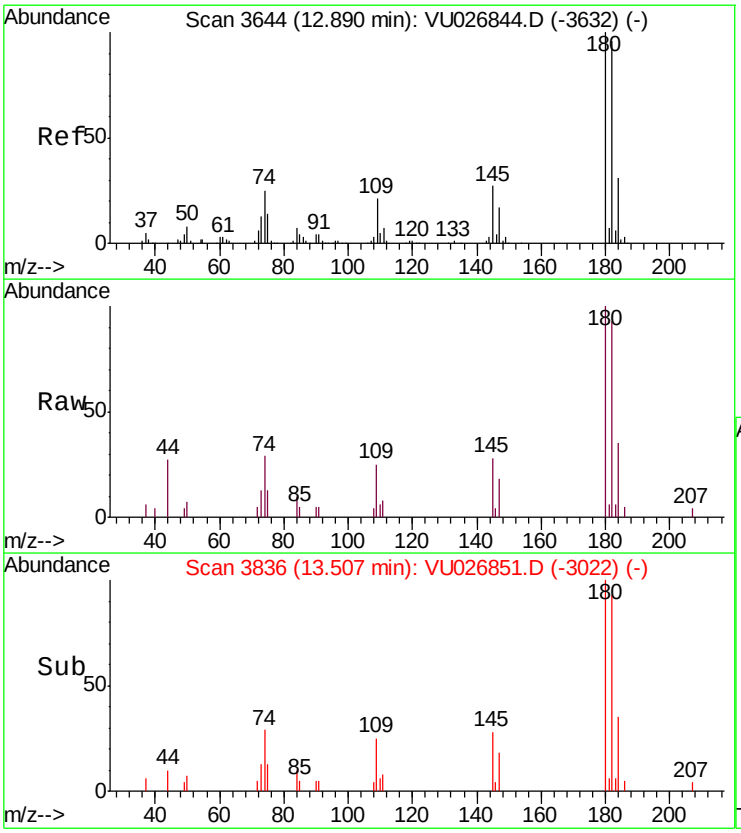
#65
1,2-Dichlorobenzene
Concen: 20.174 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tgt Ion:146 Resp: 63554

Ion	Ratio	Lower	Upper
146	100		
111	41.3	31.4	47.0
148	66.2	51.4	77.2

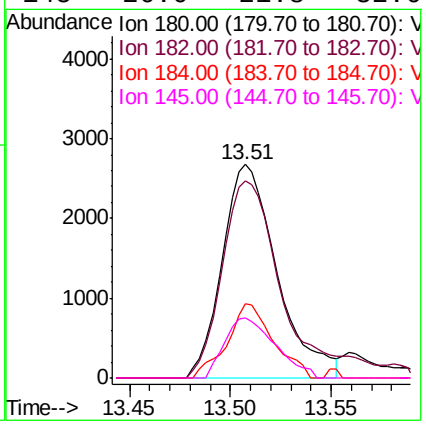


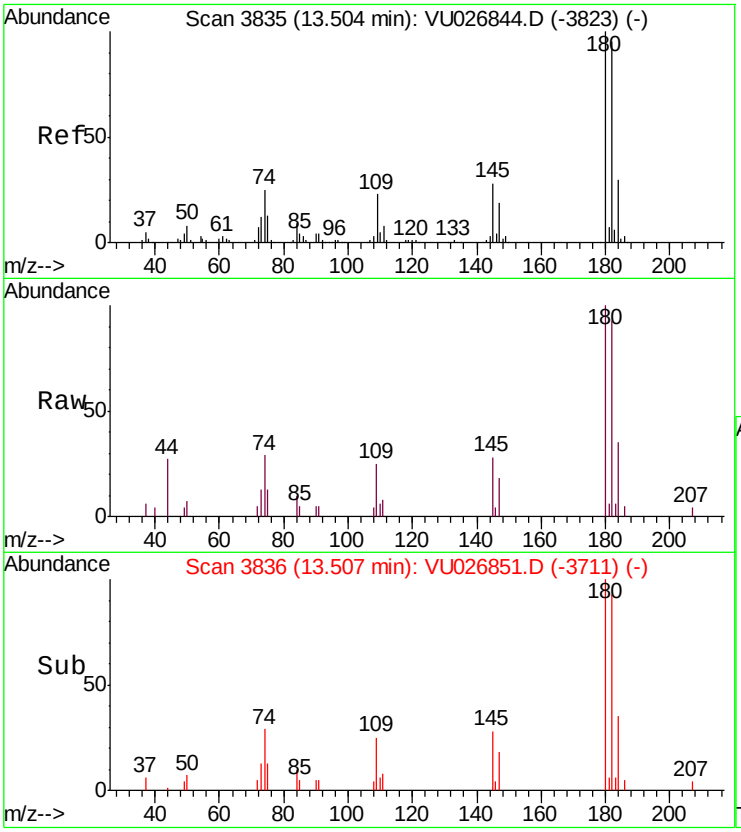


#67
1,3,5-Trichlorobenzene
Concen: 2.311 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion:180 Resp: 5087

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.7	115.1
184	29.2	24.2	36.4
145	26.0	21.8	32.6



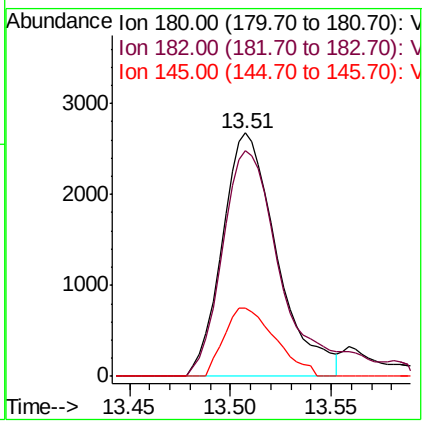


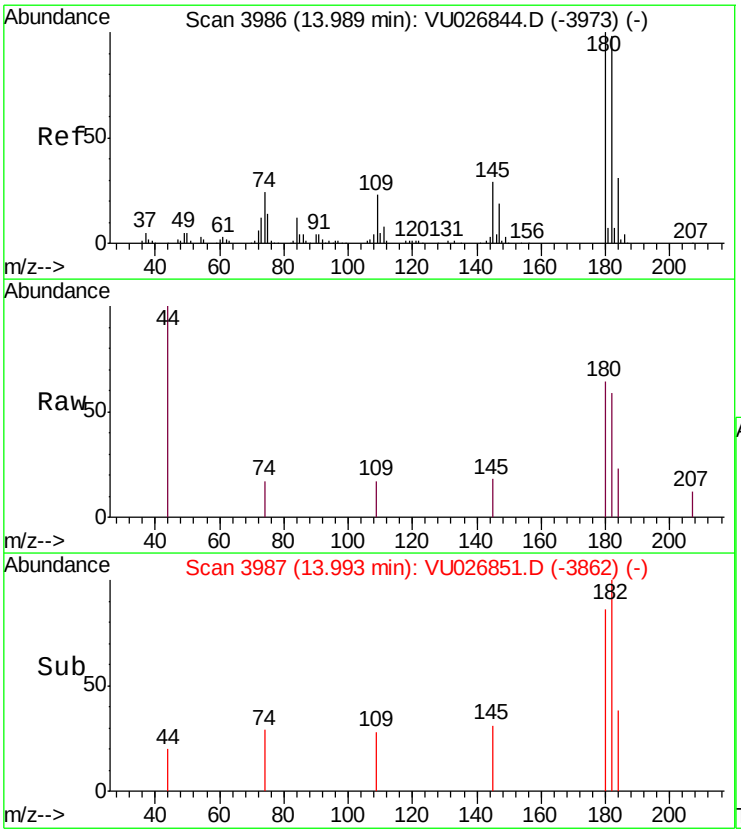
#68
1,2,4-trichlorobenzene
Concen: 2.681 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Instrument :
MSVOA_U
ClientSampleId :
C08P1

Tgt Ion:180 Resp: 5087

Ion	Ratio	Lower	Upper
180	100		
182	95.7	76.8	115.2
145	26.0	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 0.492 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.00 min
Lab File: VU026851.D
Acq: 18 Sep 2018 10:59

Tgt Ion:180 Resp: 1028

Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.6	113.4
145	15.9	23.8	35.6#