Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\

Quantitation Report (Not Reviewed)

Data File : VU026841.D
Acq On : 17 Sep 2018 23:14
Operator : MD/SY
Sample : J4893-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L7

Quant Time: Sep 18 01:40:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	236042	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	227596	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	92246	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82997	47.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 95.06%			
7) Chloroethane-d5	1.68	69	73087	48.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.80%			
11) 1,1-Dichloroethene-d2	2.27	63	120233	36.39	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 72.78%			
21) 2-Butanone-d5	4.18	46	115672	99.83	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.83%			
24) Chloroform-d	4.65	84	159156	49.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 98.28%			
26) 1,2-Dichloroethane-d4	5.31	65	102335	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.36%			
32) Benzene-d6	5.34	84	319856	50.15	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.30%			
36) 1,2-Dichloropropane-d6	6.33	67	104457	50.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 101.66%			
41) Toluene-d8	7.57	98	271372	47.09	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.18%			
43) trans-1,3-Dichloropropene-	7.85	79	42611	46.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 92.88%			
47) 2-Hexanone-d5	8.31	63	81198	100.53	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.53%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	139603	48.72	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 97.44%			
64) 1,2-Dichlorobenzene-d4	11.86	152	106277	55.38	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 110.76%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	932	0.572	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	924	0.604	ug/L #	1
13) Acetone	2.32	43	17462	15.332	ug/L	97
35) Methylcyclohexane	6.33	83	24058	8.716	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	11298	5.829	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2450	0.895	ug/L #	76
44) trans-1,3-Dichloropropene	7.85	75	1639	0.639	ug/L	92
51) Chlorobenzene	9.12	112	5335	1.101	ug/L	95
59) 1,2,3-Trichloropropane	11.49	75	12346	5.317	ug/L	96
62) 1,3-Dichlorobenzene	11.42	146	2532	0.900	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	7840	2.532	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	11049	3.548	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	2579	1.185	ug/L #	87
68) 1,2,4-trichlorobenzene	13.51	180	2579	1.375	ug/L	91
70) 1,2,3-Trichlorobenzene	14.00	180	1624	0.786	ug/L #	94

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\

Quantitation Report (Not Reviewed)

Data File : VU026841.D
Acq On : 17 Sep 2018 23:14
Operator : MD/SY
Sample : J4893-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L7

Quant Time: Sep 18 01:40:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration

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

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

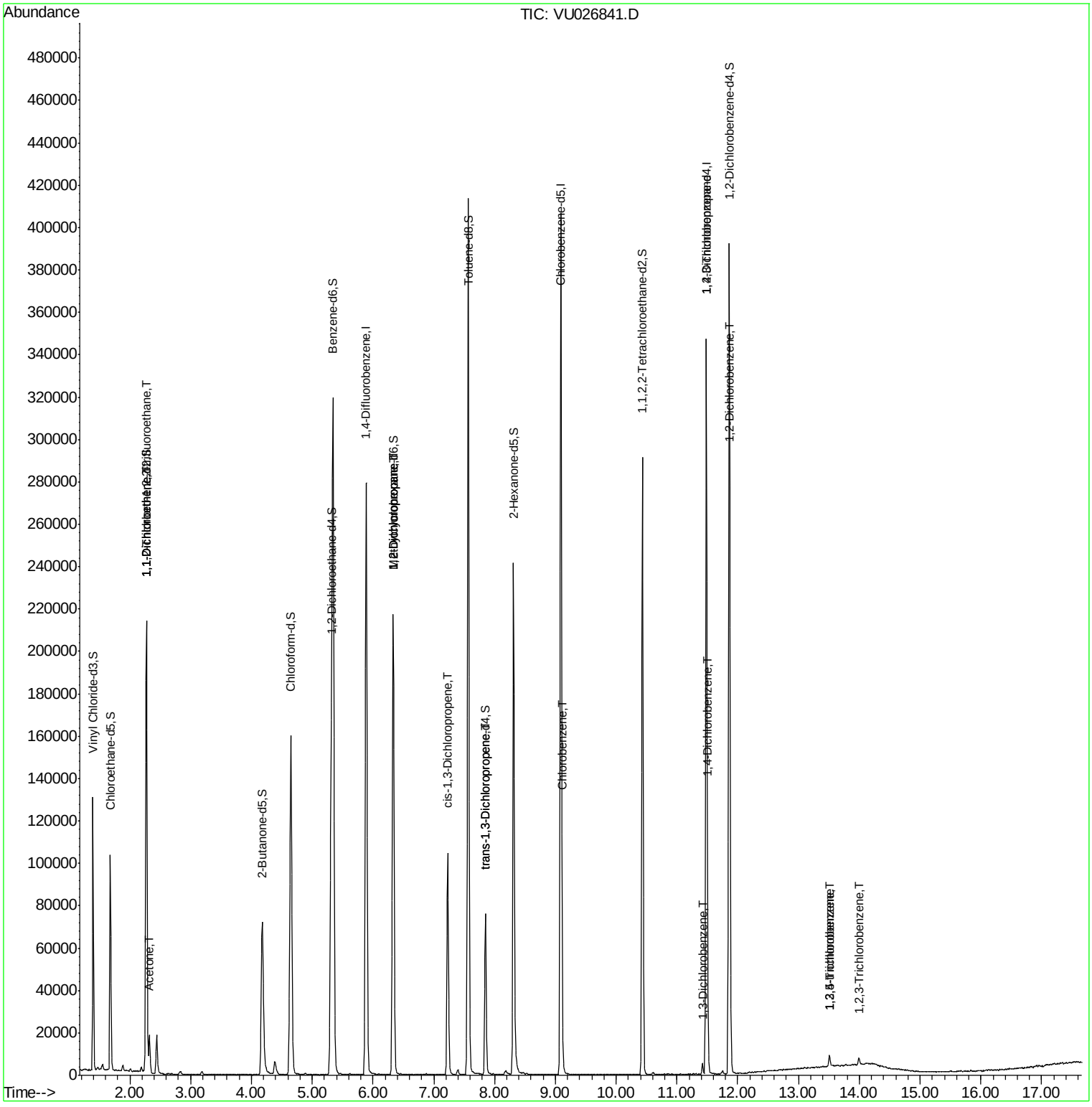
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091718\

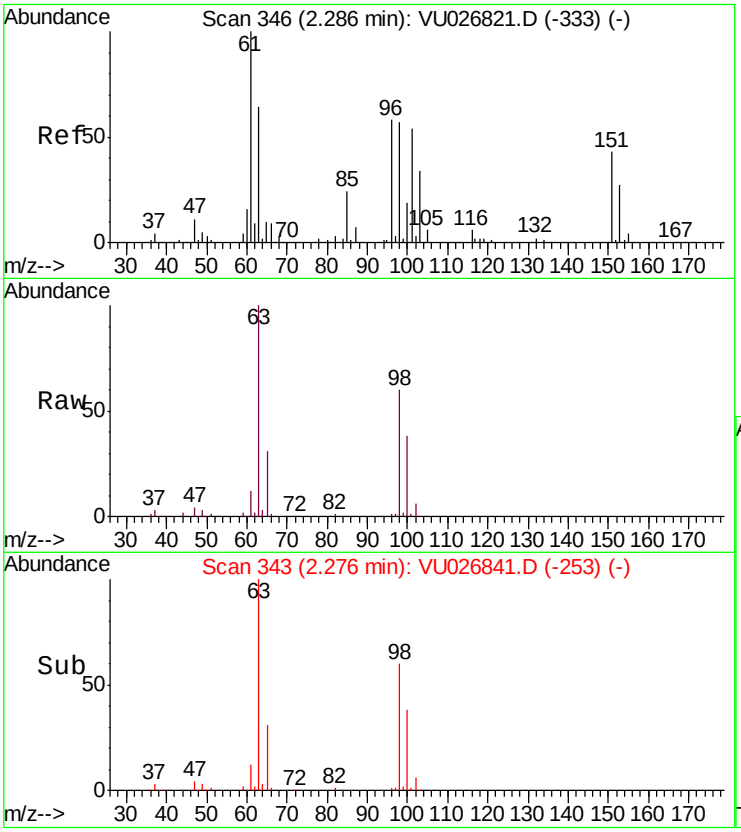
Quantitation Report (Not Reviewed)

Data File : VU026841.D
Acq On : 17 Sep 2018 23:14
Operator : MD/SY
Sample : J4893-08
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L7

Quant Time: Sep 18 01:40:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Tue Sep 18 01:34:58 2018
Response via : Initial Calibration



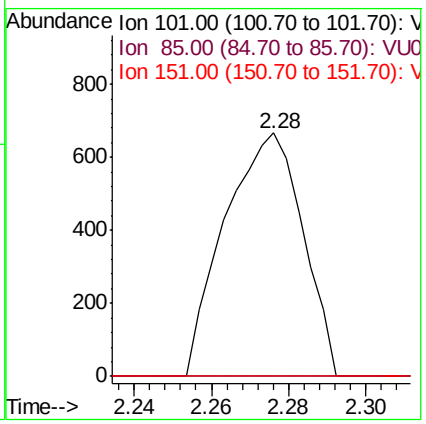


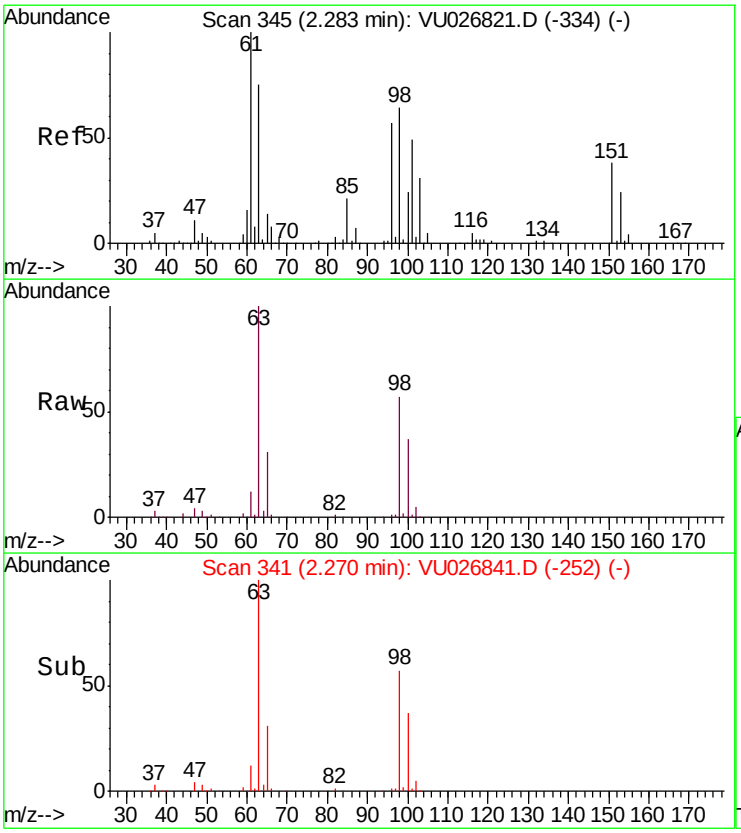
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.572 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : C08L7

Tgt Ion:101 Resp: 932

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

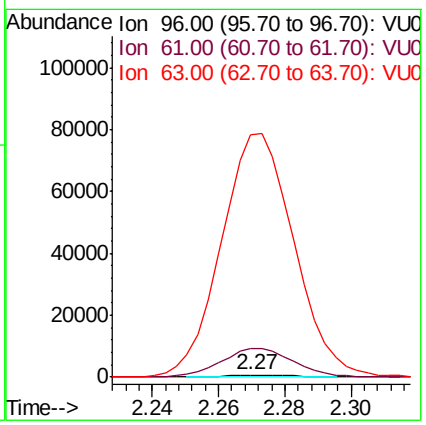


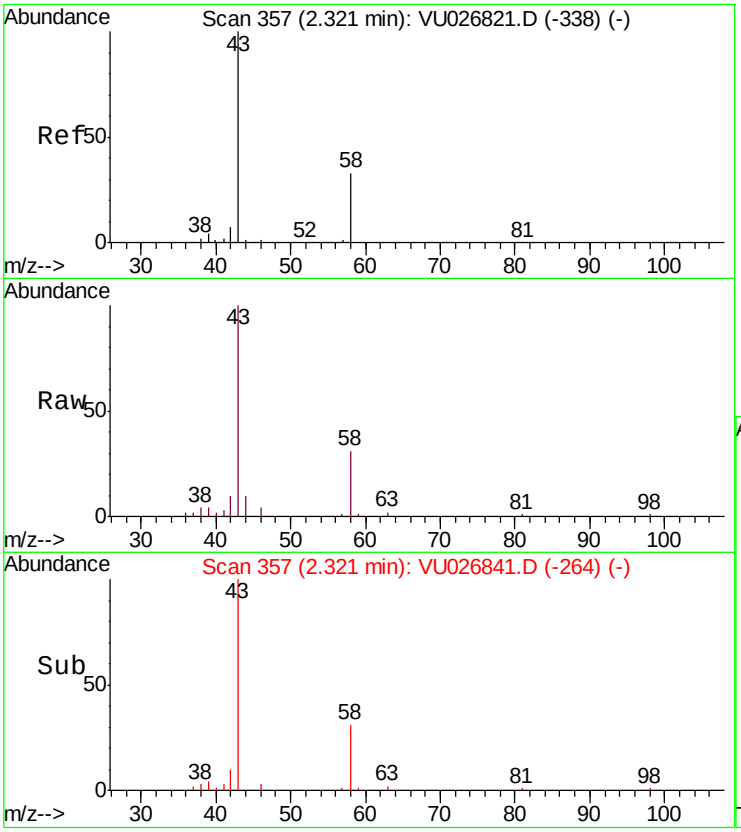


#12
1,1-Dichloroethene
Concen: 0.604 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion: 96 Resp: 924

Ion	Ratio	Lower	Upper
96	100		
61	1536.0	124.0	230.4#
63	12772.6	97.7	181.5#



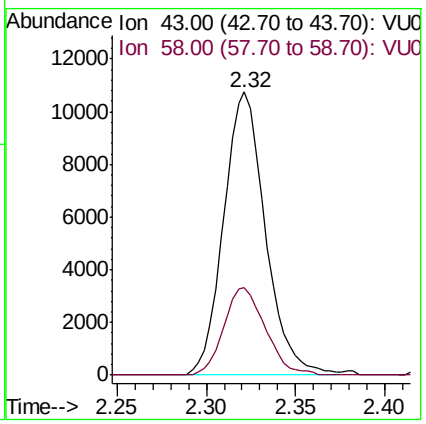


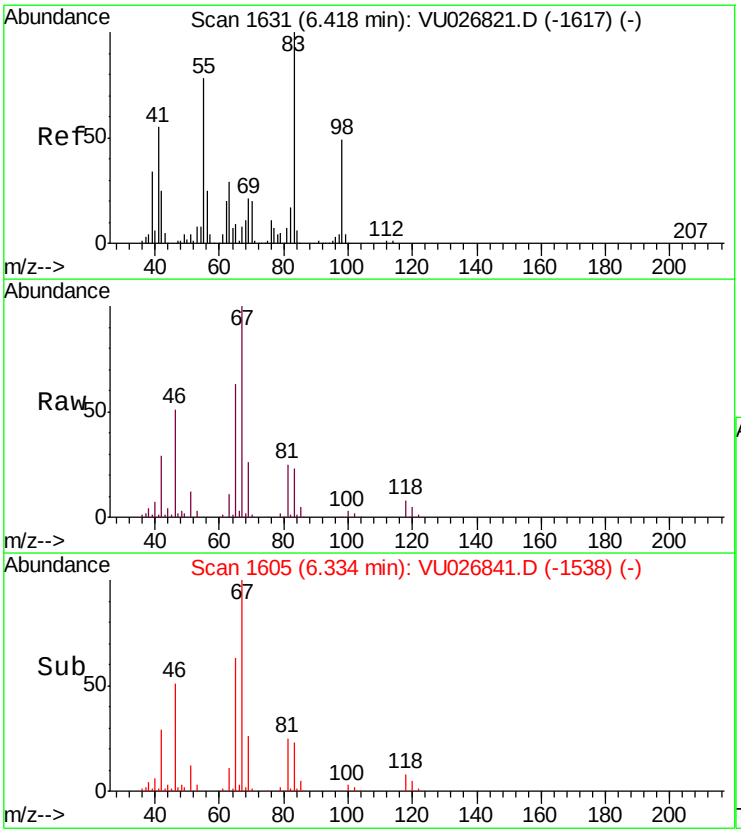
#13
Acetone
Concen: 15.332 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : C08L7

Tgt Ion: 43 Resp: 17462

Ion	Ratio	Lower	Upper
43	100		
58	30.7	0.0	64.6

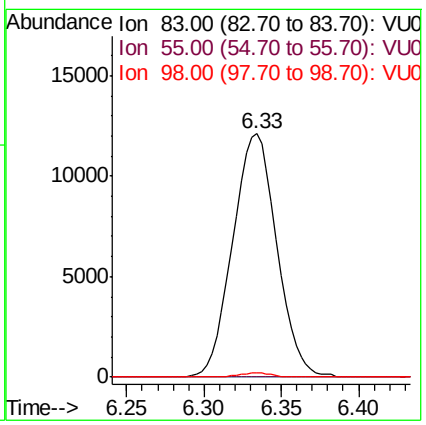


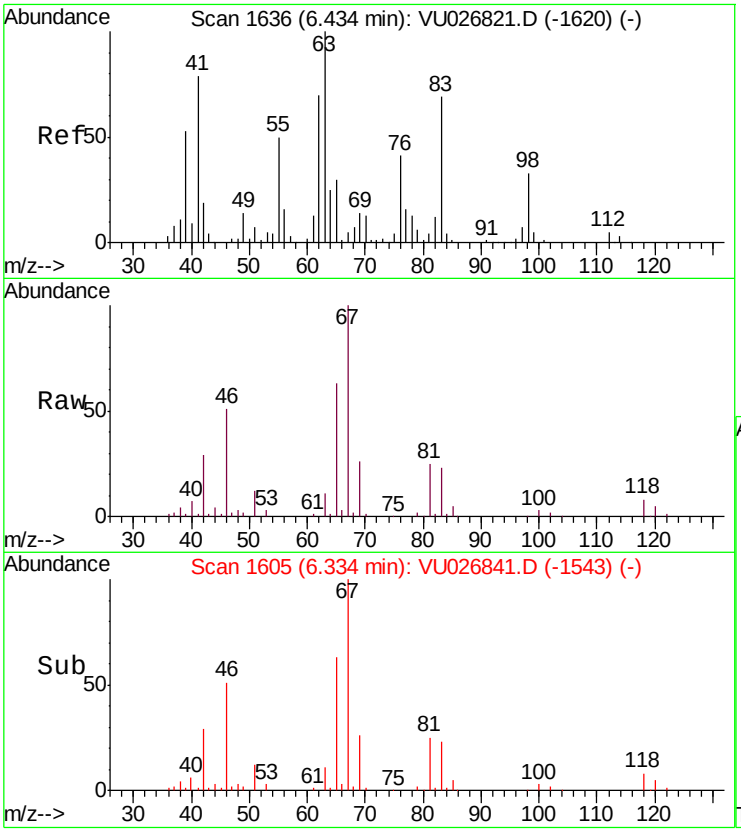


#35
Methylcyclohexane
Concen: 8.716 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion: 83 Resp: 24058

Ion	Ratio	Lower	Upper
83	100		
55	0.0	61.7	92.5#
98	1.2	38.3	57.5#



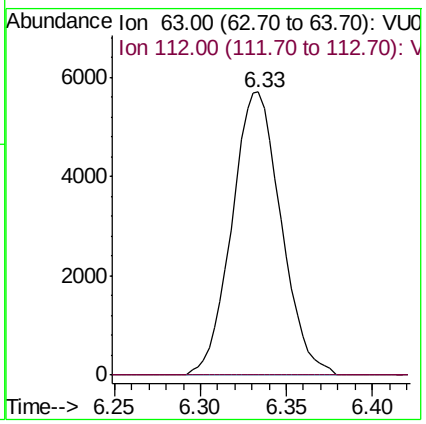


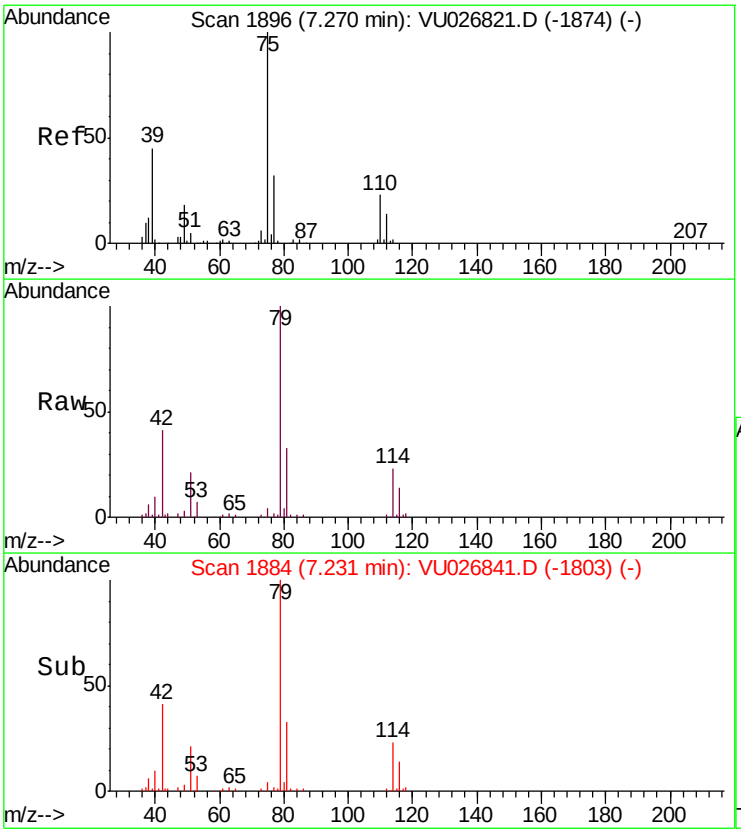
#37
1,2-Dichloropropane
Concen: 5.829 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : C08L7

Tgt Ion: 63 Resp: 11298

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#

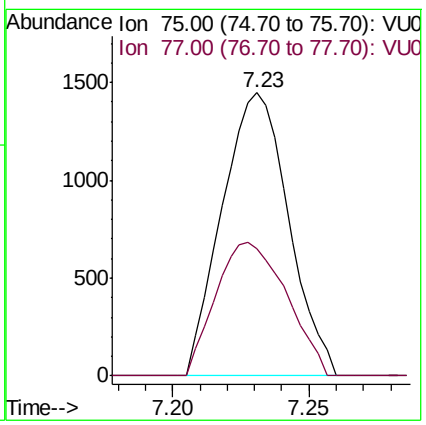


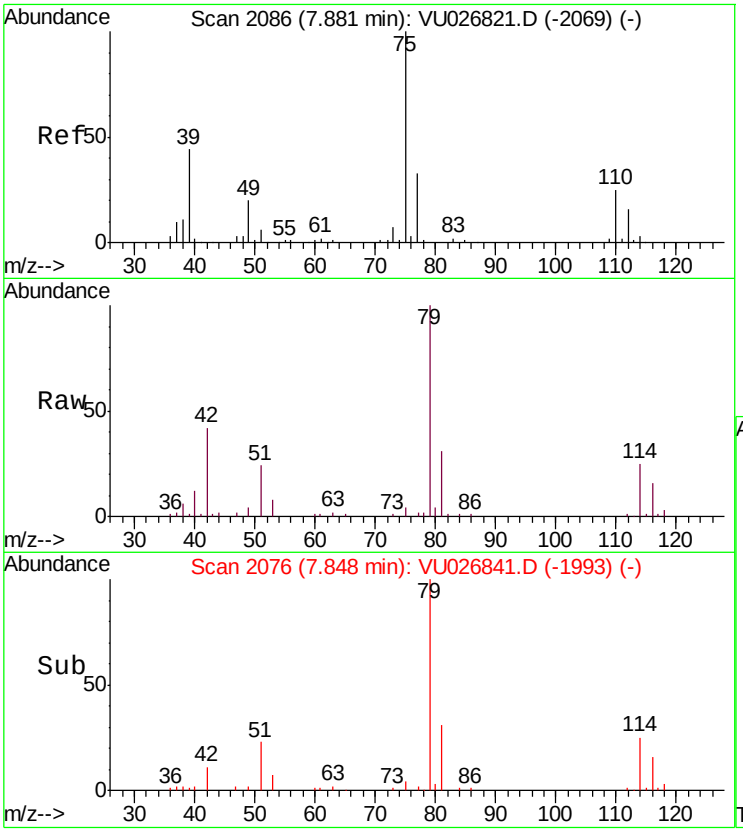


#39
cis-1,3-Dichloropropene
Concen: 0.895 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion: 75 Resp: 2450

Ion	Ratio	Lower	Upper
75	100		
77	44.9	22.1	41.1#



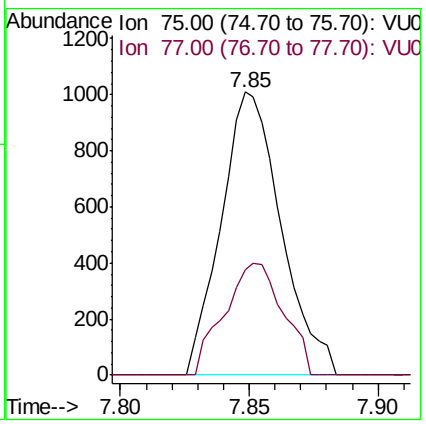


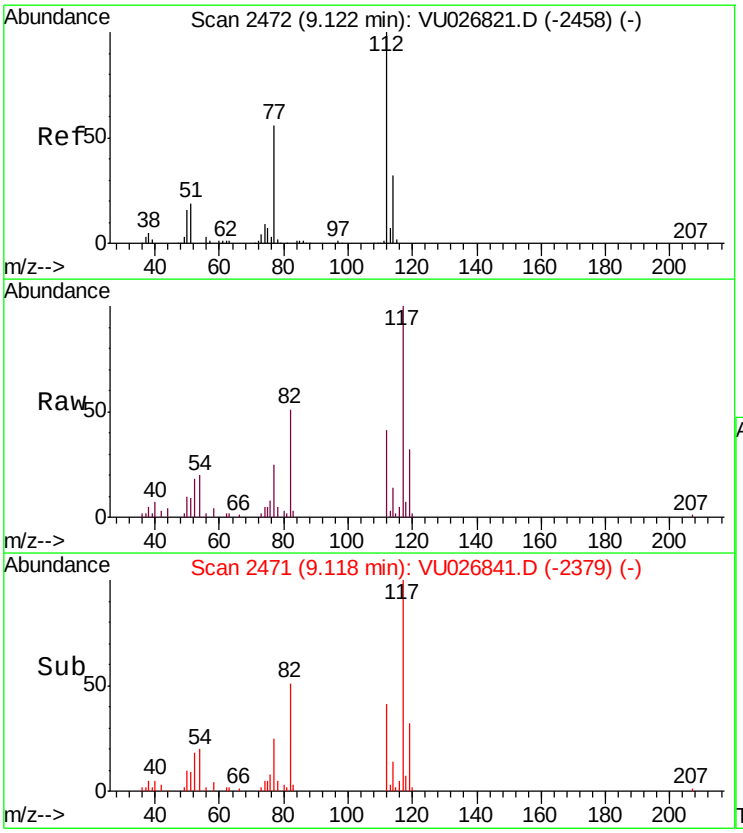
#44
trans-1,3-Dichloropropene
Concen: 0.639 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument : MSVOA_U
ClientSampleId : C08L7

Tgt Ion: 75 Resp: 1639

Ion	Ratio	Lower	Upper
75	100		
77	37.1	22.8	42.4

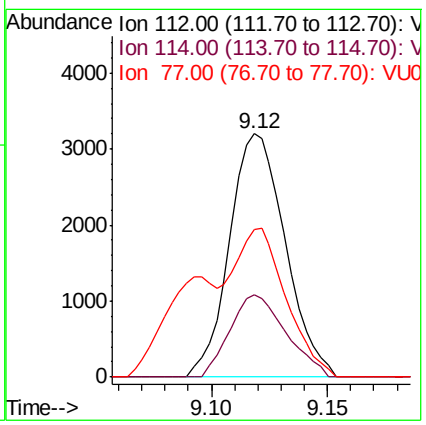


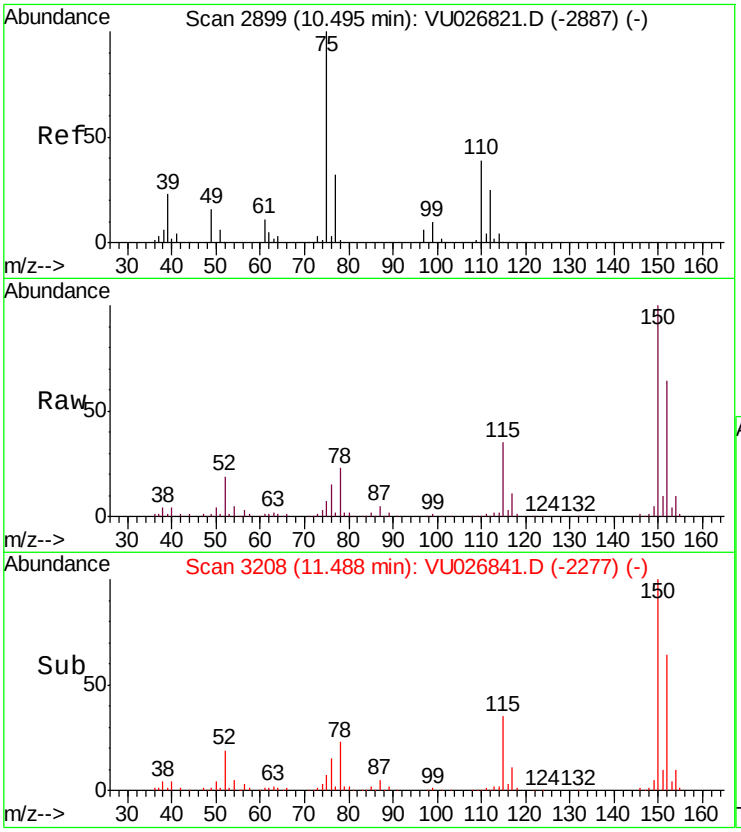


#51
Chlorobenzene
Concen: 1.101 ug/L
RT: 9.12 min Scan# 2471
Delta R.T. -0.00 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion:112 Resp: 5335

Ion	Ratio	Lower	Upper
112	100		
114	33.9	22.3	41.5
77	60.8	45.1	67.7



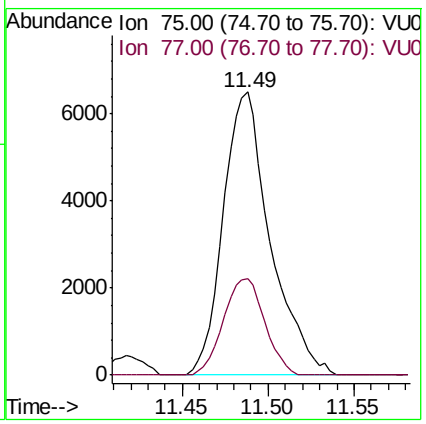


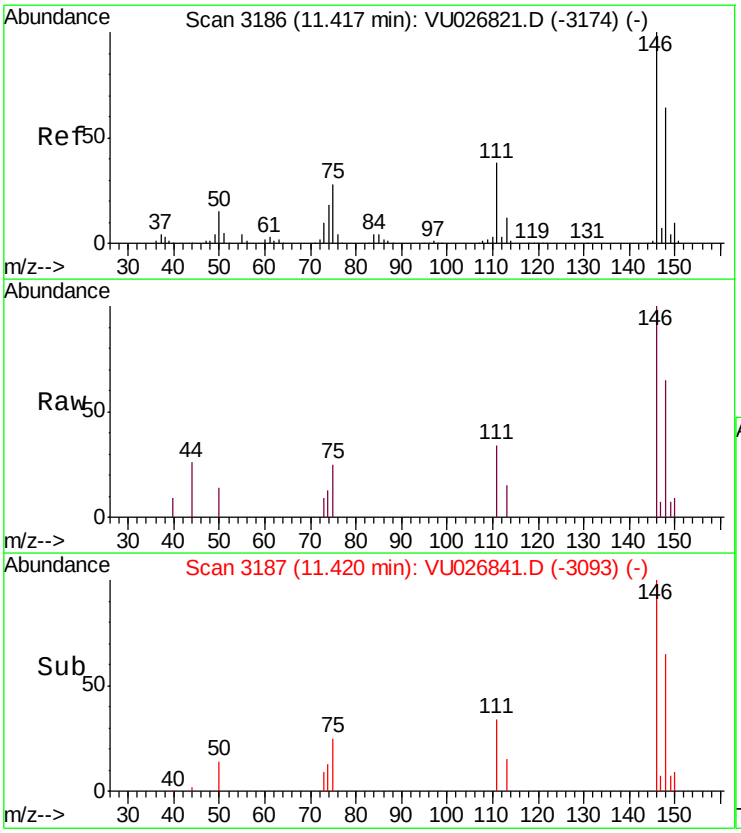
#59
1,2,3-Trichloropropane
Concen: 5.317 ug/L
RT: 11.49 min Scan# 3208
Delta R.T. 0.99 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
C08L7

Tgt Ion: 75 Resp: 12346

Ion	Ratio	Lower	Upper
75	100		
77	29.9	25.5	38.3

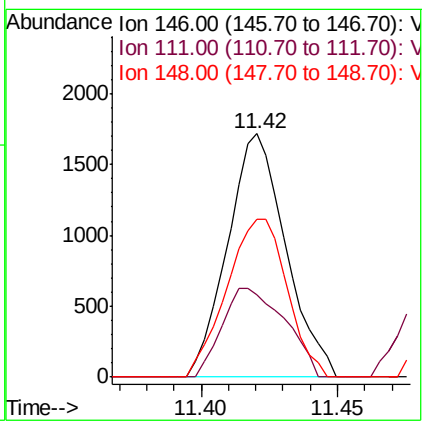


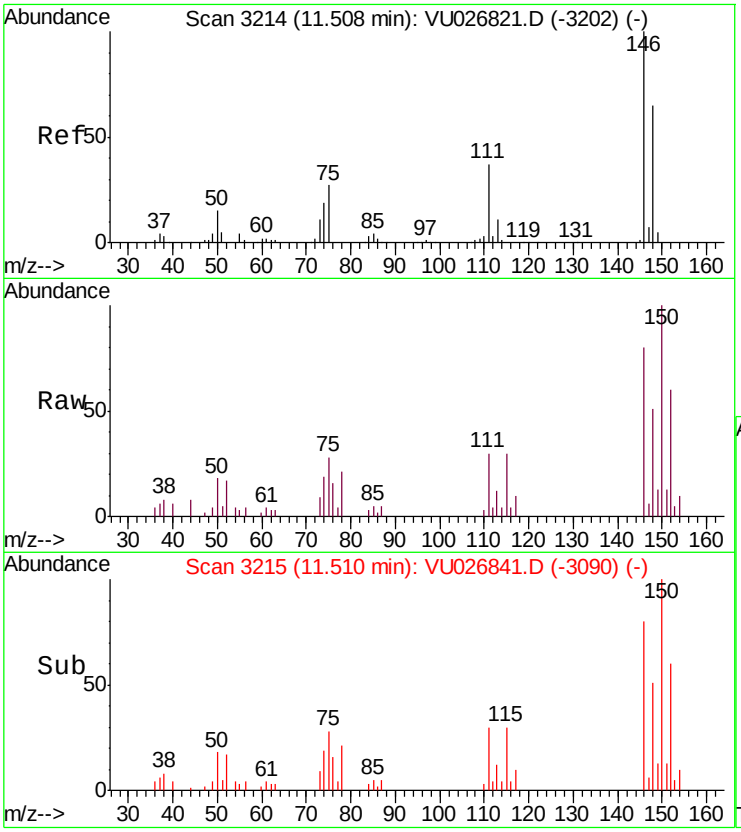


#62
1,3-Dichlorobenzene
Concen: 0.900 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion:146 Resp: 2532

Ion	Ratio	Lower	Upper
146	100		
111	33.6	26.7	49.7
148	64.7	44.9	83.5



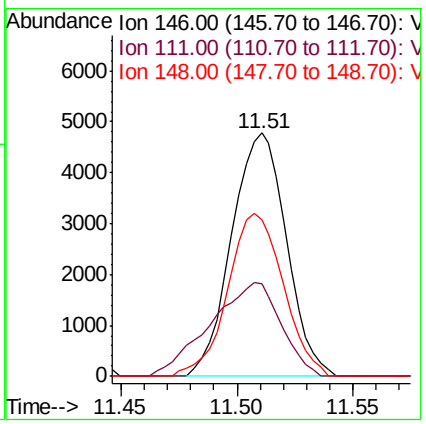


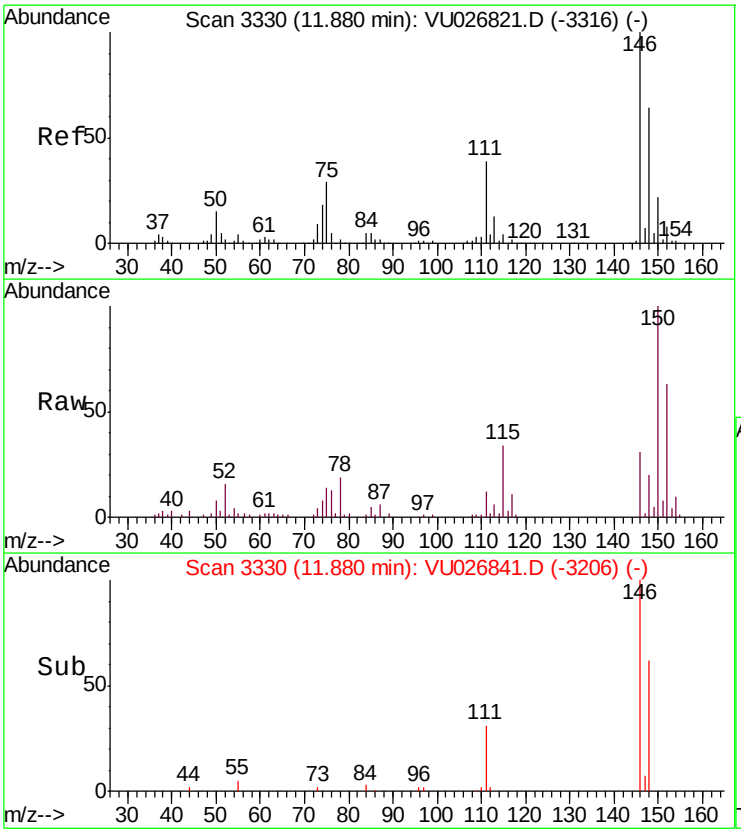
#63
1,4-Dichlorobenzene
Concen: 2.532 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
C08L7

Tgt Ion:146 Resp: 7840

Ion	Ratio	Lower	Upper
146	100		
111	37.8	26.0	48.2
148	64.3	45.8	85.2

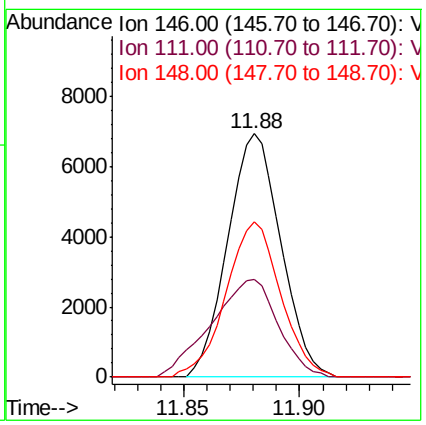


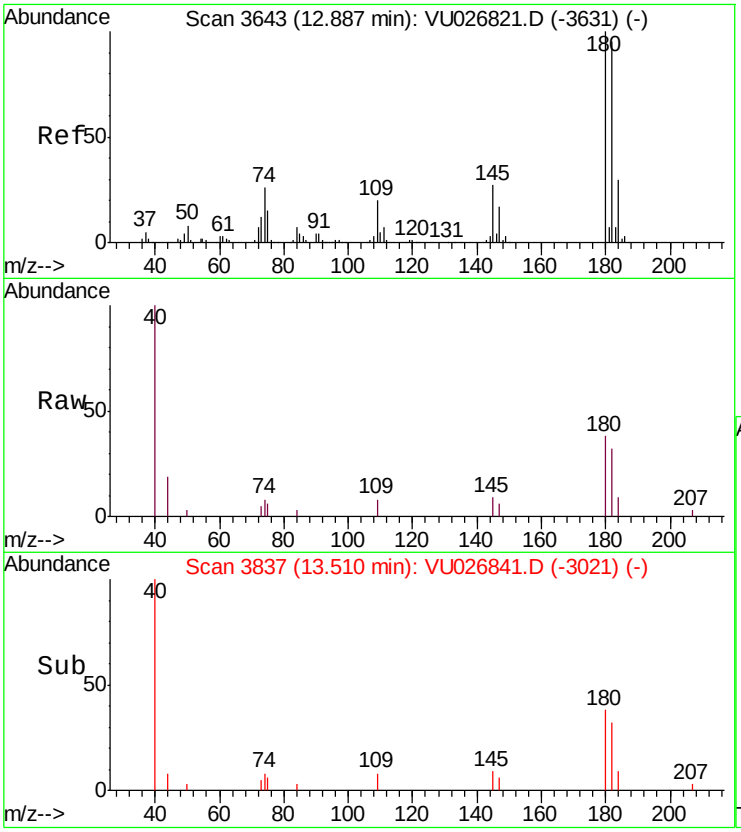


#65
1,2-Dichlorobenzene
Concen: 3.548 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion:146 Resp: 11049

Ion	Ratio	Lower	Upper
146	100		
111	40.3	31.4	47.0
148	63.7	51.4	77.2



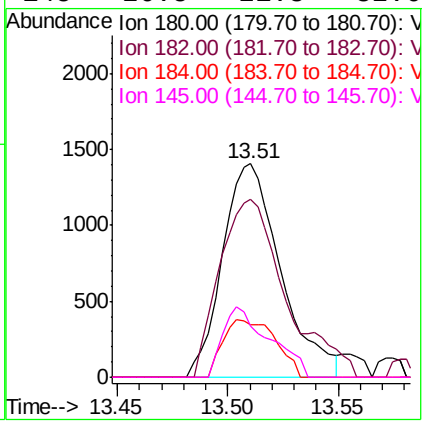


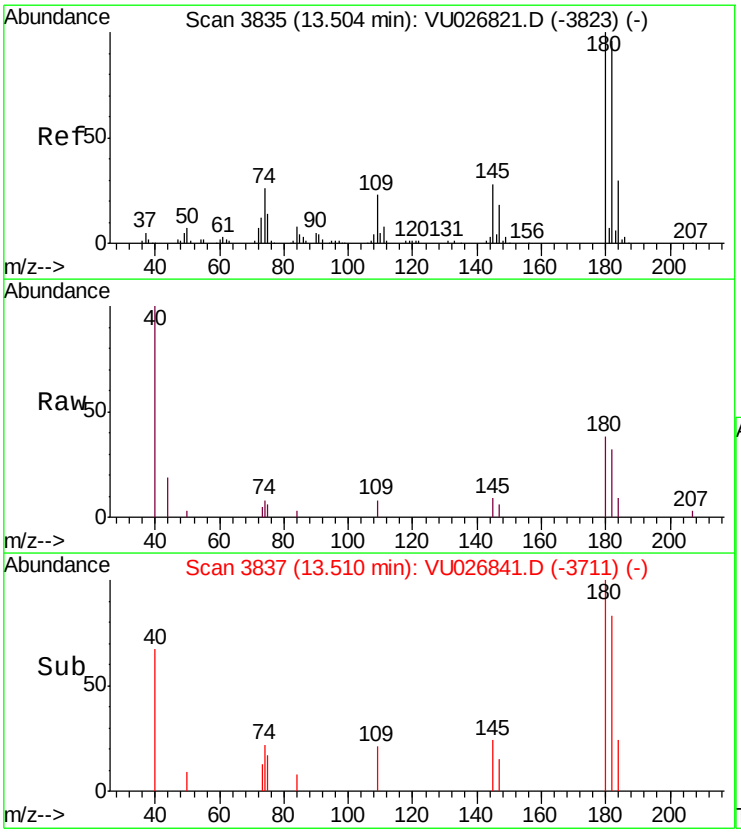
#67
1,3,5-Trichlorobenzene
Concen: 1.185 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.62 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
C08L7

Tgt Ion:180 Resp: 2579

Ion	Ratio	Lower	Upper
180	100		
182	85.5	76.7	115.1
184	13.5	24.2	36.4#
145	26.5	21.8	32.6

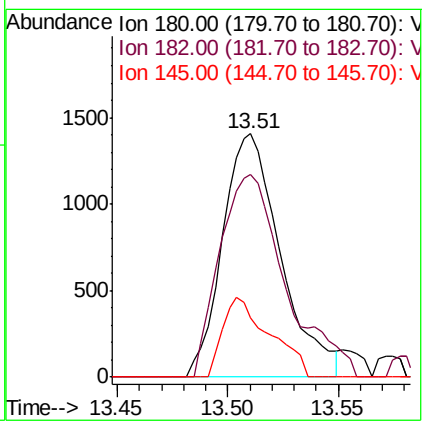


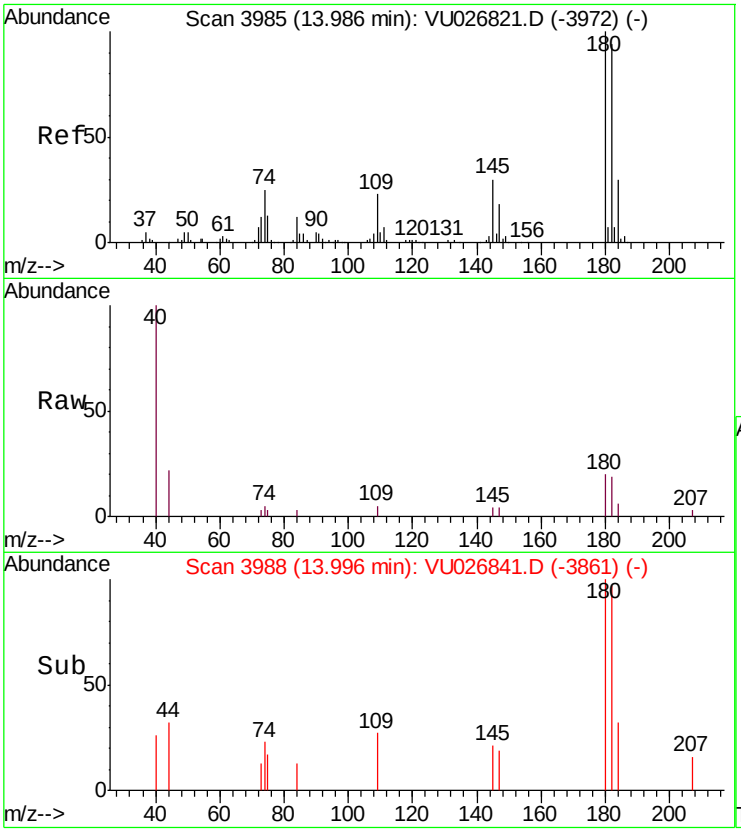


#68
1,2,4-trichlorobenzene
Concen: 1.375 ug/L
RT: 13.51 min Scan# 3837
Delta R.T. 0.01 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Tgt Ion:180 Resp: 2579

Ion	Ratio	Lower	Upper
180	100		
182	85.5	76.8	115.2
145	26.5	22.2	33.2





#70
1,2,3-Trichlorobenzene
Concen: 0.786 ug/L
RT: 14.00 min Scan# 3988
Delta R.T. 0.01 min
Lab File: VU026841.D
Acq: 17 Sep 2018 23:14

Instrument :
MSVOA_U
ClientSampleId :
C08L7

Tgt Ion:180 Resp: 1624

Ion	Ratio	Lower	Upper
180	100		
182	92.9	75.6	113.4
145	19.0	23.8	35.6#