Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026737.D
Acq On : 13 Sep 2018 19:49
Operator : MD/SY
Sample : J4893-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L5

Quant Time: Sep 14 01:23:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	200982	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.12	117	224151	50.00	ug/L	0.03
60) 1,4-Dichlorobenzene-d4	11.51	152	140318	50.00	ug/L	0.03
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63551	42.43	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 84.86%			
7) Chloroethane-d5	1.68	69	50726	42.03	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 84.06%			
11) 1,1-Dichloroethene-d2	2.27	63	88152	32.89	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.78%			
21) 2-Butanone-d5	4.18	46	86756	93.08	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 93.08%			
24) Chloroform-d	4.65	84	100840	40.49	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 80.98%			
26) 1,2-Dichloroethane-d4	5.32	65	68724	42.16	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 84.32%			
32) Benzene-d6	5.35	84	218964	37.74	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.48%			
36) 1,2-Dichloropropane-d6	6.33	67	71836	36.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 73.80%			
41) Toluene-d8	7.57	98	202812	37.26	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 74.52%#			
43) trans-1,3-Dichloropropene-	7.85	79	32010	35.37	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.74%			
47) 2-Hexanone-d5	8.31	63	64196	80.82	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 80.82%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	97814	36.70	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 73.40%			
64) 1,2-Dichlorobenzene-d4	11.89	152	113681	40.64	ug/L	0.03
Spiked Amount 50.000	Range 80 - 120		Recovery = 81.28%			
Target Compounds						Qvalue
9) Trichlorofluoromethane	1.88	101	1280	0.591	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	867	0.703	ug/L #	18
13) Acetone	2.32	43	1813	1.708	ug/L	84
18) Methyl tert-butyl Ether	3.00	73	2277	0.588	ug/L #	31
25) Chloroform	4.68	83	11198	4.575	ug/L	89
27) 1,2-Dichloroethane	5.42	62	495549	254.956	ug/L #	75
29) Cyclohexane	5.00	56	12652	5.153	ug/L #	93
31) Carbon tetrachloride	5.14	117	74900	34.896	ug/L	98
34) Trichloroethene	6.19	95	3290	2.109	ug/L	89
35) Methylcyclohexane	6.42	83	6404	2.564	ug/L #	78
39) cis-1,3-Dichloropropene	7.23	75	1954	0.753	ug/L #	72
42) Toluene	7.64	91	9272	1.425	ug/L	95
44) trans-1,3-Dichloropropene	7.85	75	1372	0.568	ug/L	85
46) Tetrachloroethene	8.23	164	8866	6.762	ug/L	93
49) Dibromochloromethane	8.23	129	8281	4.606	ug/L #	9
59) 1,2,3-Trichloropropane	10.46	75	2074	1.000	ug/L #	1
62) 1,3-Dichlorobenzene	11.43	146	3115970	773.385	ug/L	98

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026737.D
Acq On : 13 Sep 2018 19:49
Operator : MD/SY
Sample : J4893-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L5

Quant Time: Sep 14 01:23:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
63) 1,4-Dichlorobenzene	11.43	146	3115970	730.052	ug/L		98
66) 1,2-Dibromo-3-chloropropan	12.64	75	6764	9.832	ug/L	#	1
67) 1,3,5-Trichlorobenzene	13.51	180	5145964	1610.195	ug/L		99
68) 1,2,4-trichlorobenzene	13.51	180	5145964	1852.583	ug/L		99
69) Naphthalene	13.75	128	12222	1.436	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	366431	121.784	ug/L		99

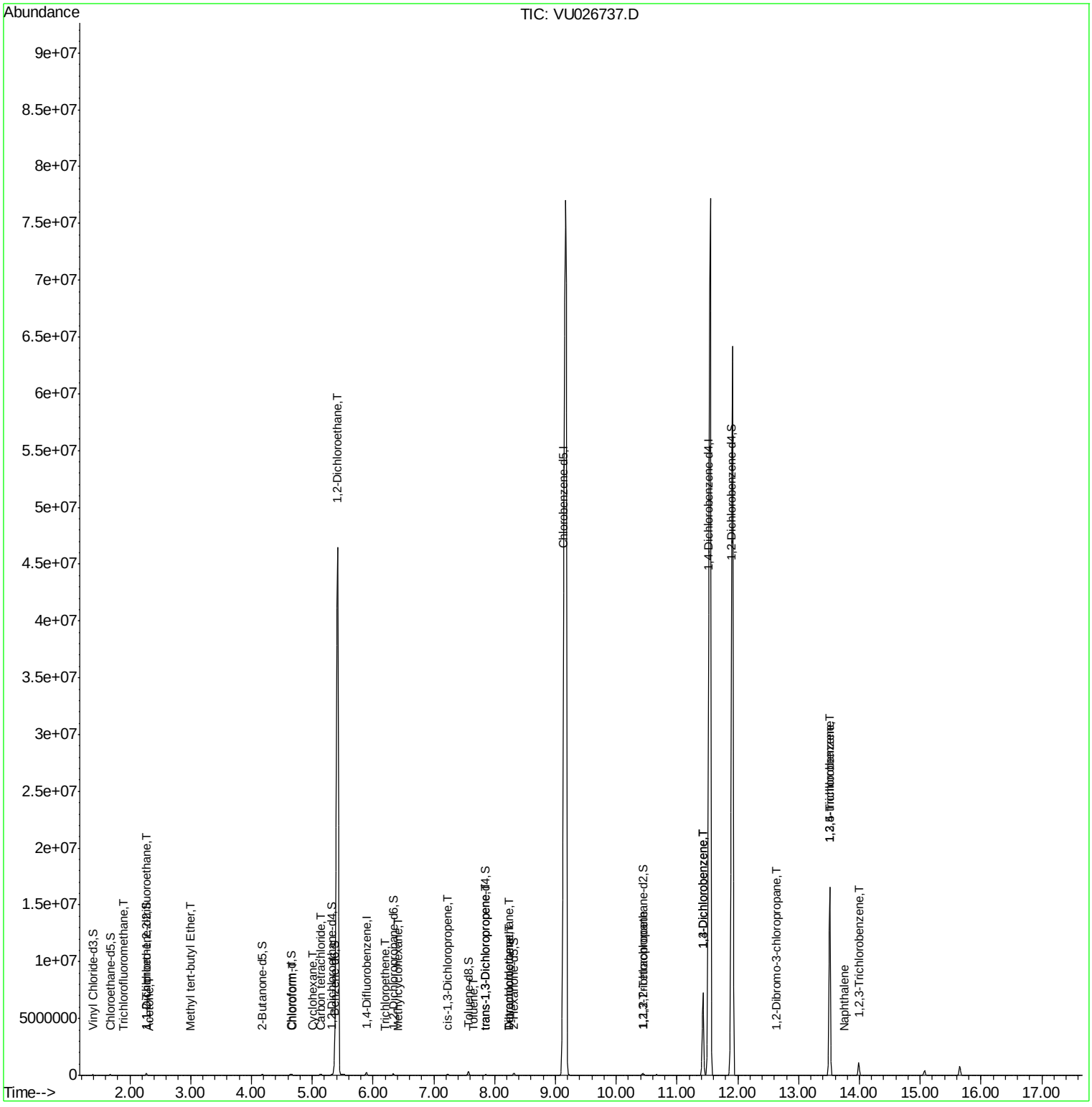
(#) = qualifier out of range (m) = manual integration (+) = signals summed

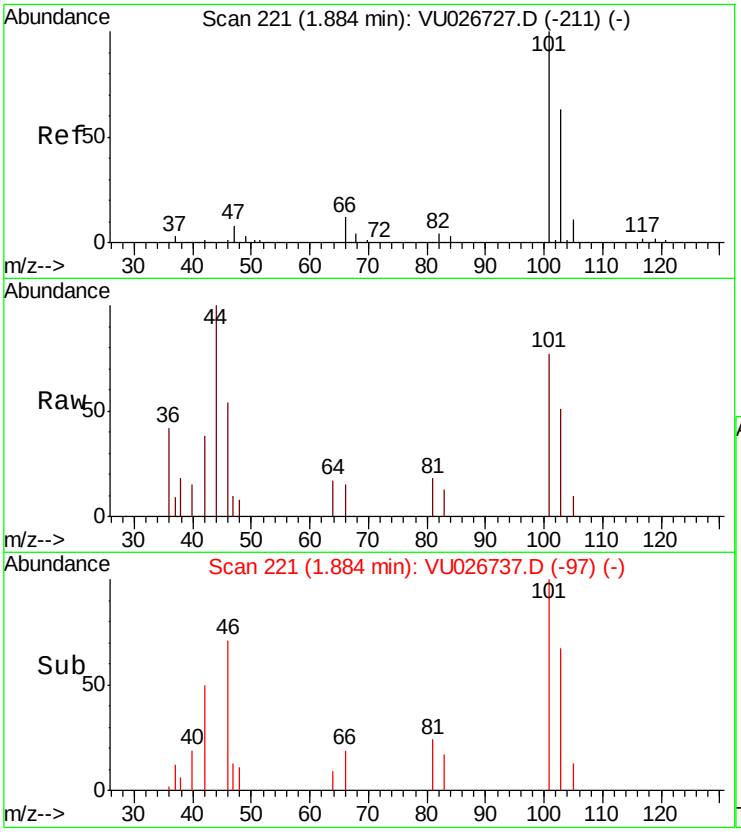
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026737.D
Acq On : 13 Sep 2018 19:49
Operator : MD/SY
Sample : J4893-07
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Quant Time: Sep 14 01:23:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 14 01:21:50 2018
Response via : Initial Calibration



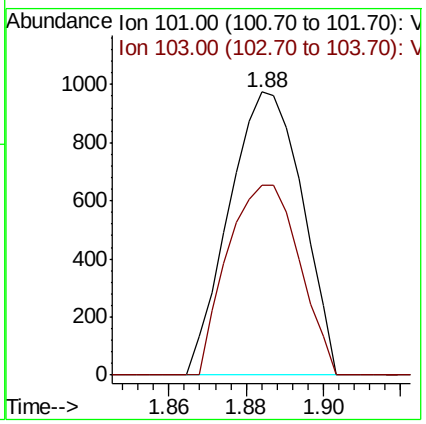


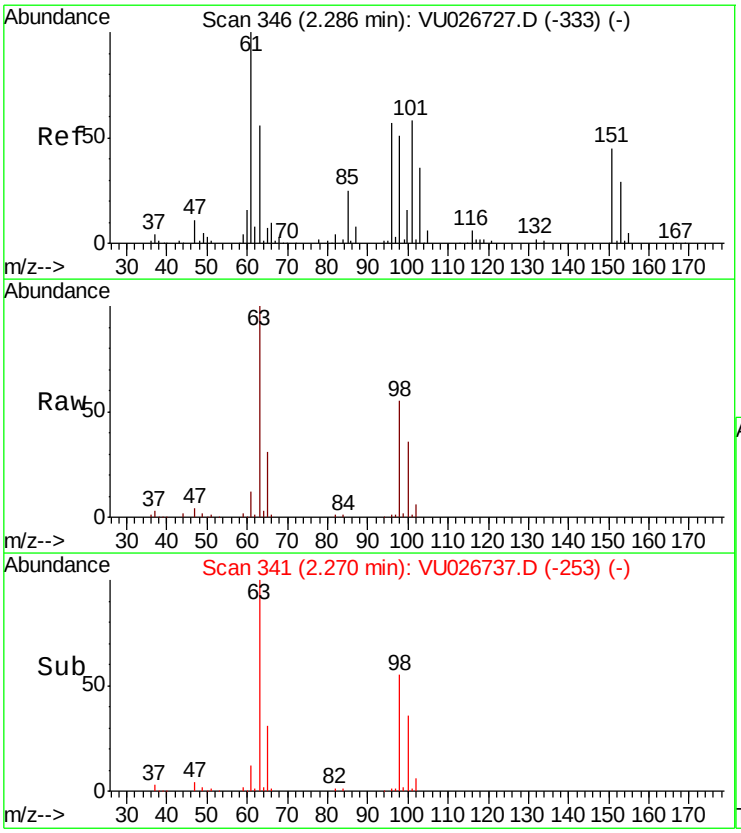
#9
Trichlorofluoromethane
Concen: 0.591 ug/L
RT: 1.88 min Scan# 221
Delta R.T. -0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion:101 Resp: 1280

Ion	Ratio	Lower	Upper
101	100		
103	66.1	51.8	77.6

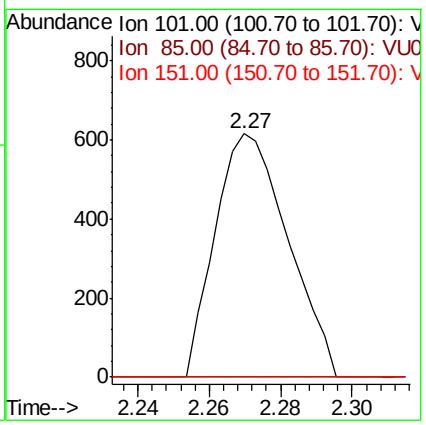


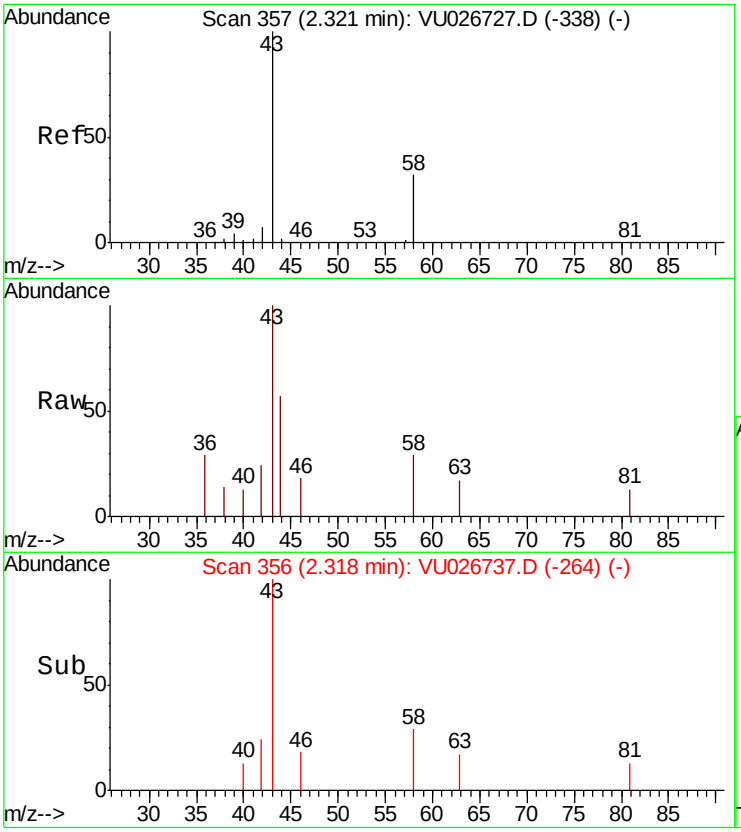


#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.703 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:101 Resp: 867

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.1	51.1#
151	0.0	62.6	94.0#



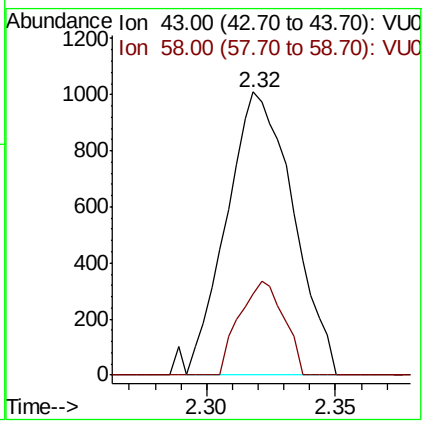


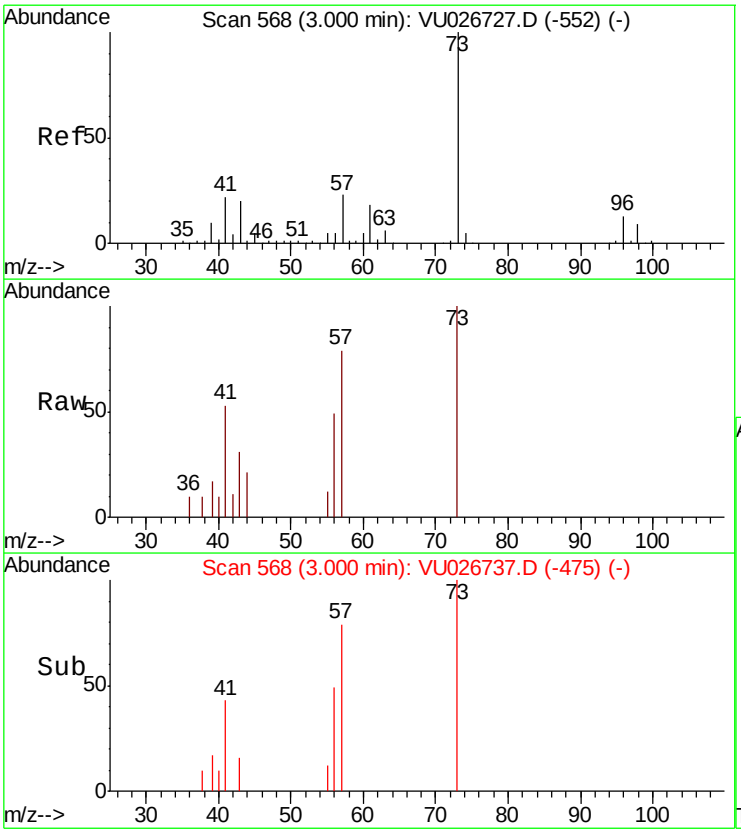
#13
Acetone
Concen: 1.708 ug/L
RT: 2.32 min Scan# 356
Delta R.T. -0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion: 43 Resp: 1813

Ion	Ratio	Lower	Upper
43	100		
58	22.3	0.0	62.8

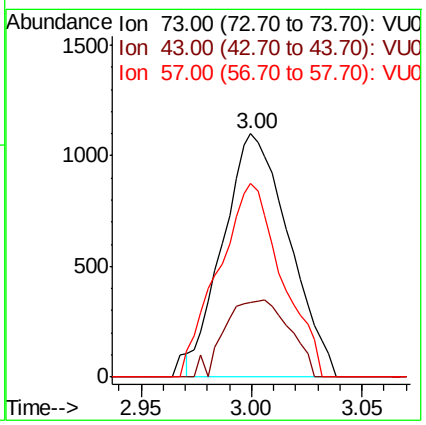


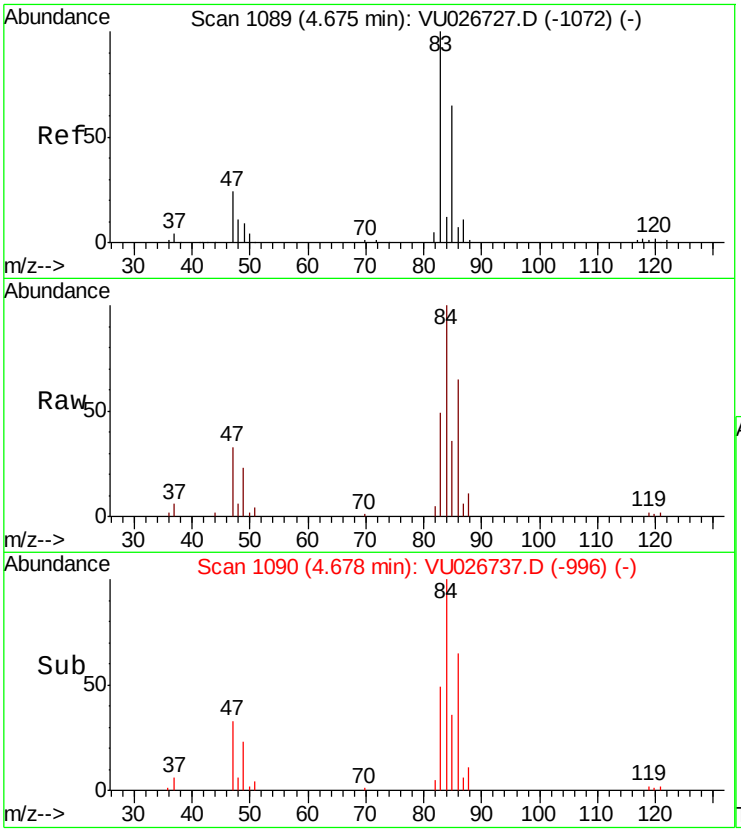


#18
Methyl tert-butyl Ether
Concen: 0.588 ug/L
RT: 3.00 min Scan# 568
Delta R.T. -0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion: 73 Resp: 2277

Ion	Ratio	Lower	Upper
73	100		
43	30.3	16.0	24.0#
57	76.5	18.6	27.8#



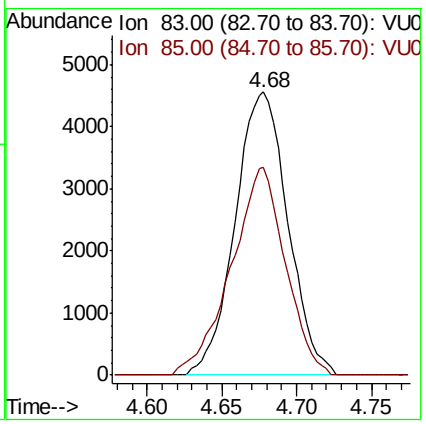


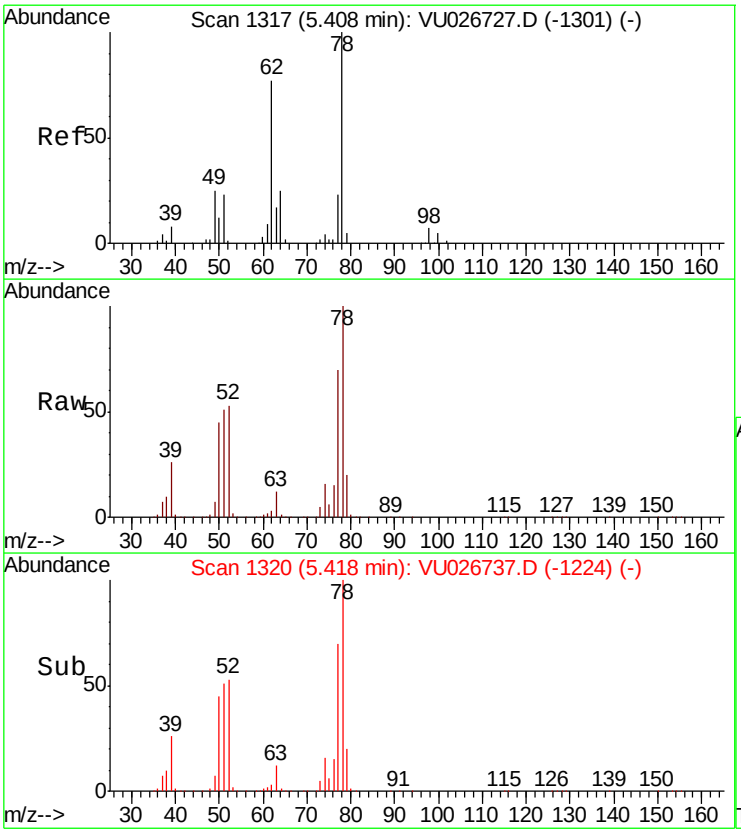
#25
Chloroform
Concen: 4.575 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument : MSVOA_U
ClientSampleId : C08L5

Tgt Ion: 83 Resp: 11198

Ion	Ratio	Lower	Upper
83	100		
85	73.7	45.6	84.6

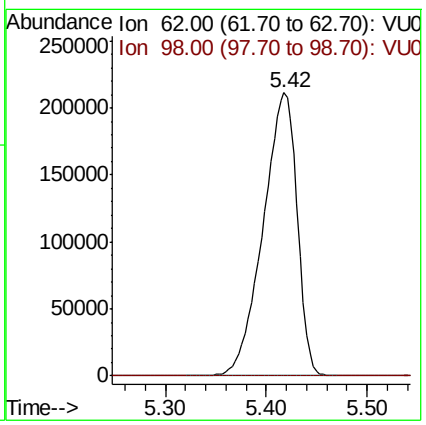


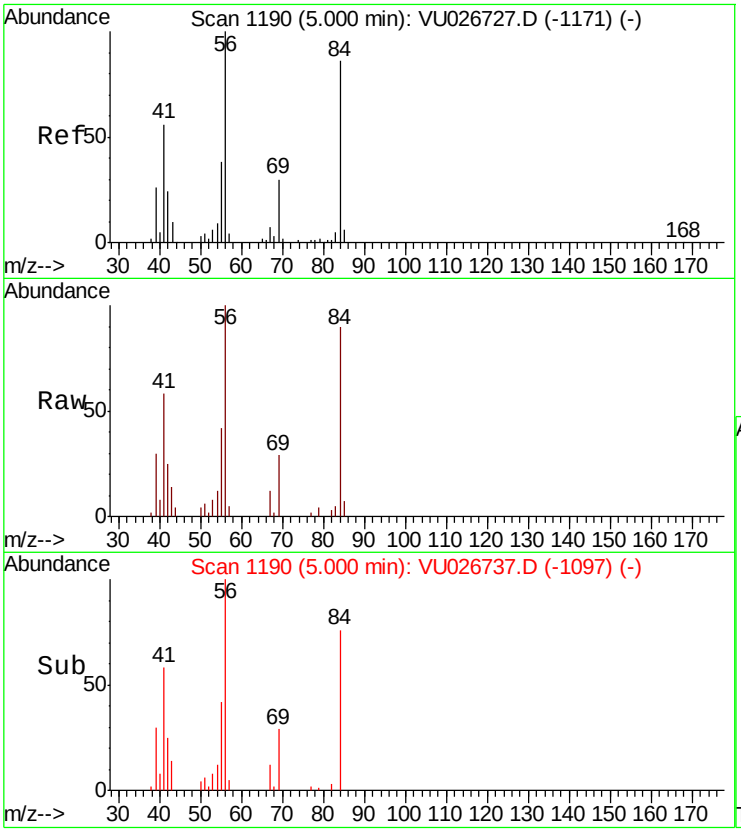


#27
1,2-Dichloroethane
Concen: 254.956 ug/L
RT: 5.42 min Scan# 1320
Delta R.T. 0.01 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion: 62 Resp: 495549

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#



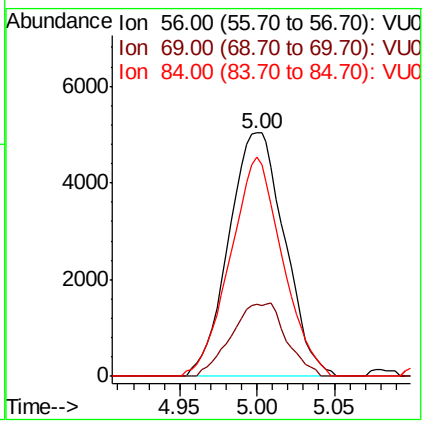


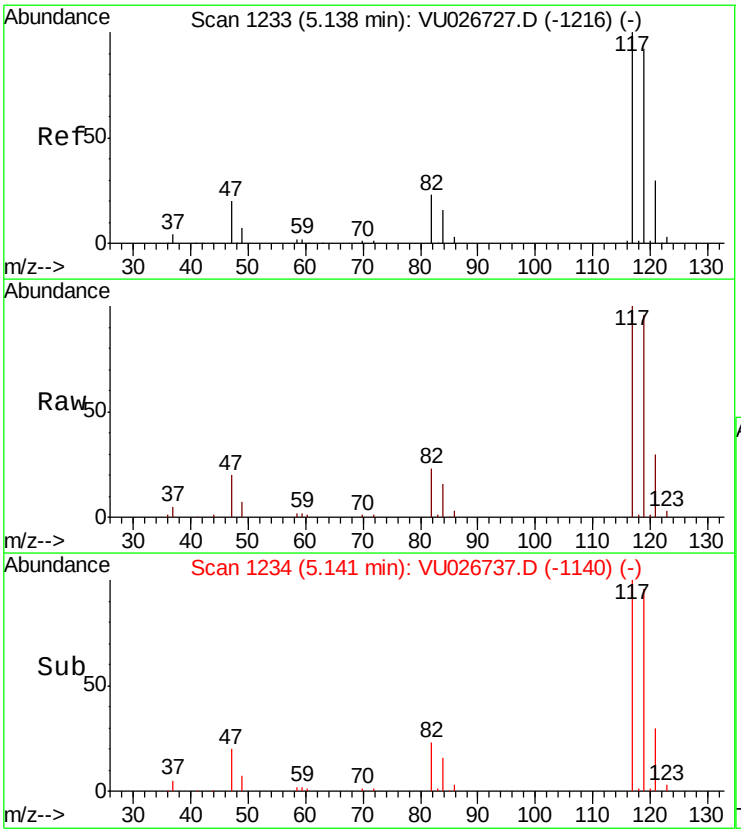
#29
Cyclohexane
Concen: 5.153 ug/L
RT: 5.00 min Scan# 1190
Delta R.T. -0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument : MSVOA_U
ClientSampleId : C08L5

Tgt Ion: 56 Resp: 12652

Ion	Ratio	Lower	Upper
56	100		
69	17.0	23.0	34.6#
84	84.2	66.5	99.7

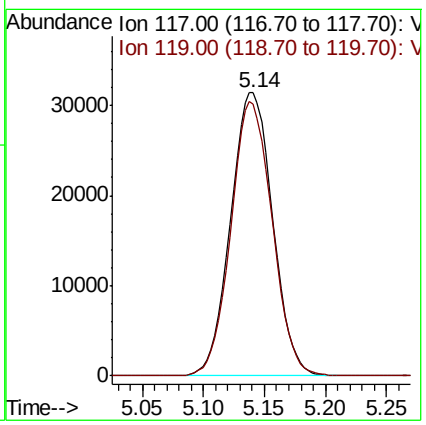


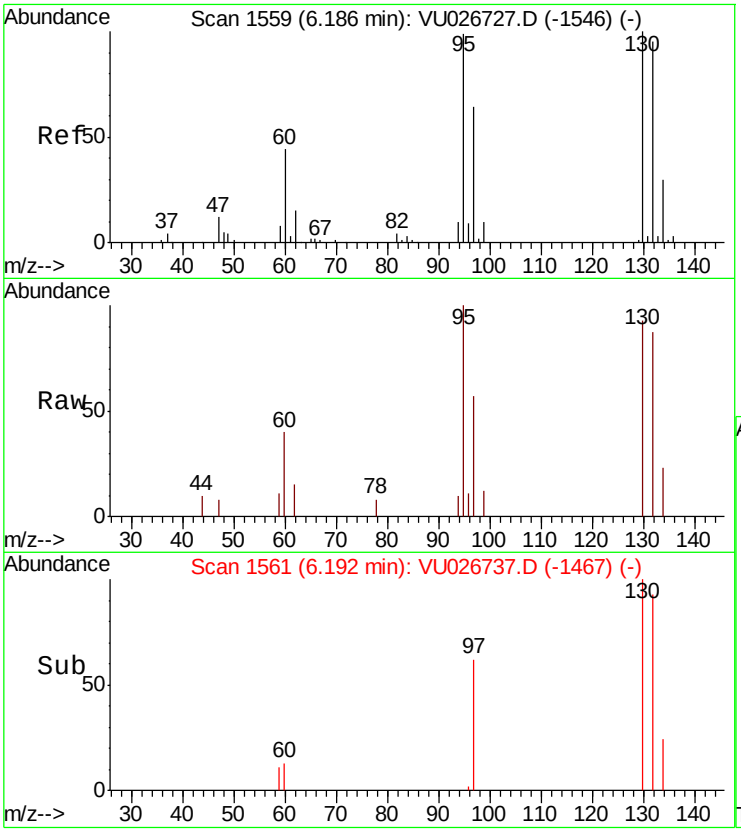


#31
Carbon tetrachloride
Concen: 34.896 ug/L
RT: 5.14 min Scan# 1234
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:117 Resp: 74900

Ion	Ratio	Lower	Upper
117	100		
119	95.2	77.6	116.4



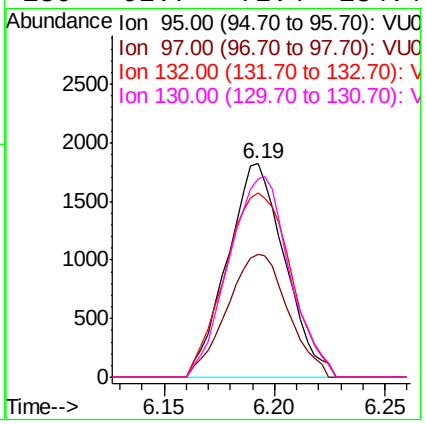


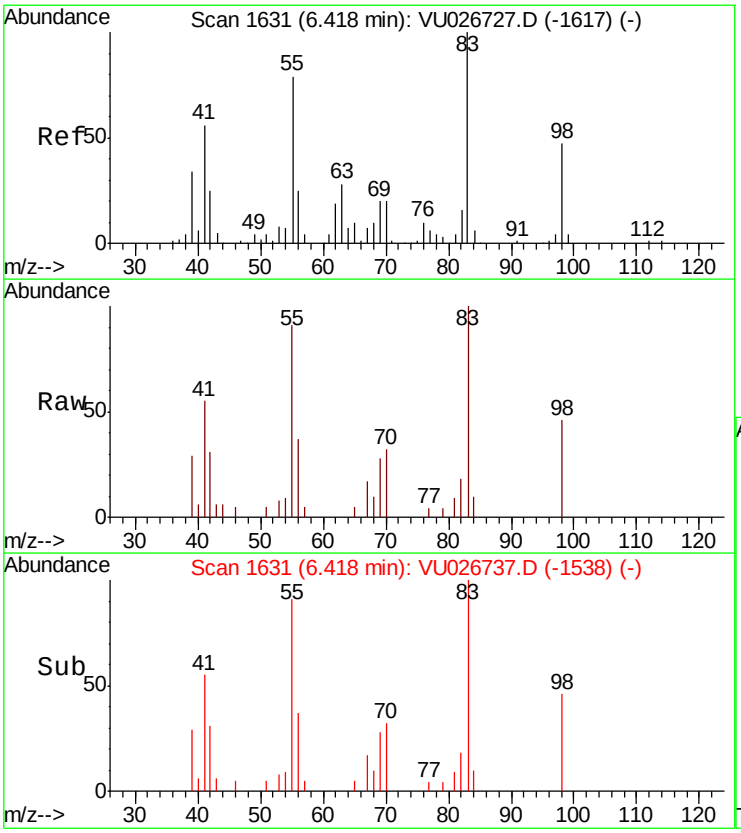
#34
Trichloroethene
Concen: 2.109 ug/L
RT: 6.19 min Scan# 1561
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion: 95 Resp: 3290

Ion	Ratio	Lower	Upper
95	100		
97	57.4	44.9	83.5
132	86.6	69.7	129.5
130	92.7	72.4	134.4

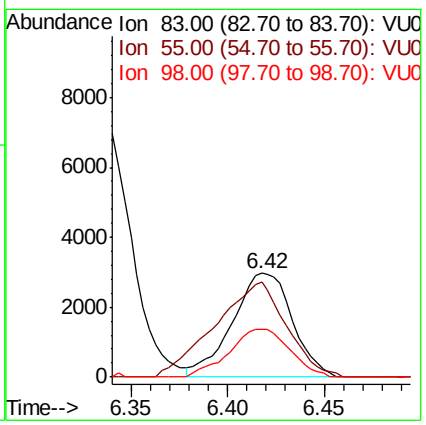


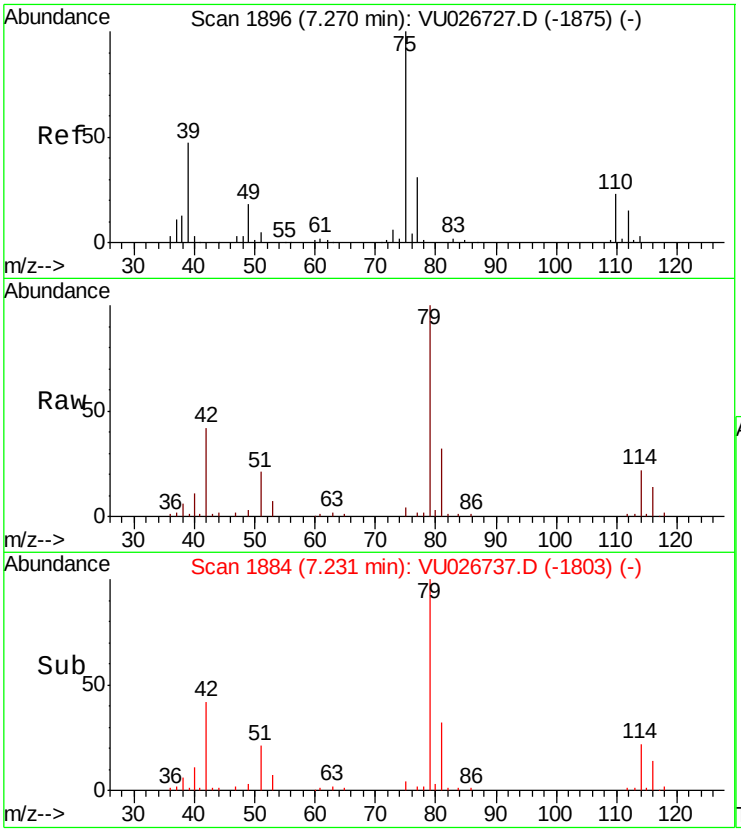


#35
Methylcyclohexane
Concen: 2.564 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion: 83 Resp: 6404

Ion	Ratio	Lower	Upper
83	100		
55	108.8	62.9	94.3#
98	46.7	37.0	55.4



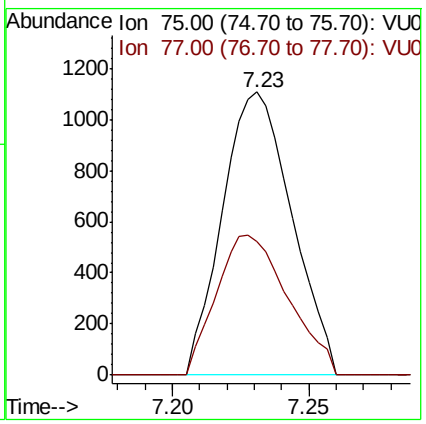


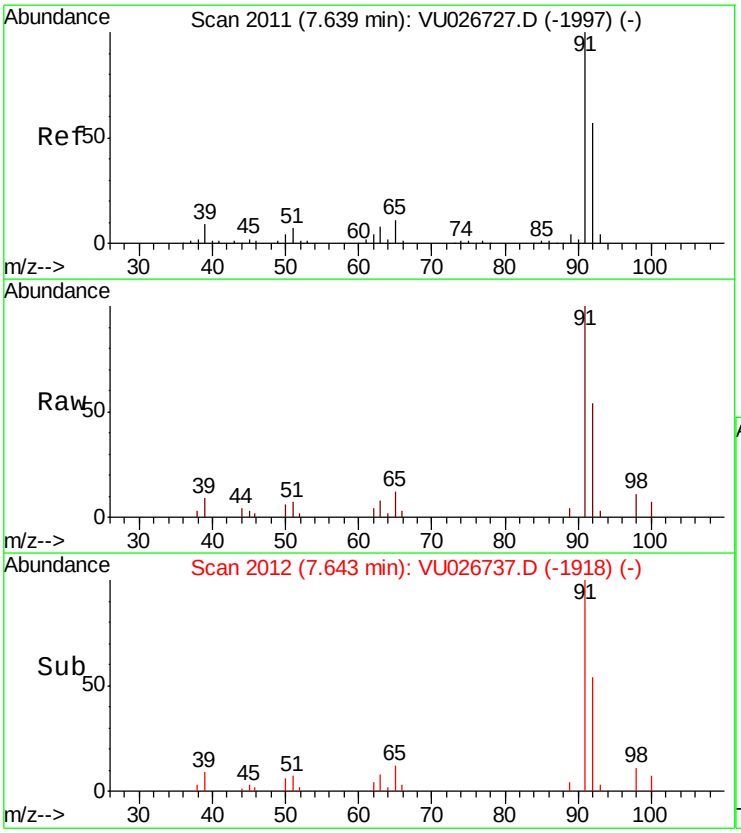
#39
cis-1,3-Dichloropropene
Concen: 0.753 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion: 75 Resp: 1954

Ion	Ratio	Lower	Upper
75	100		
77	47.4	22.3	41.3#

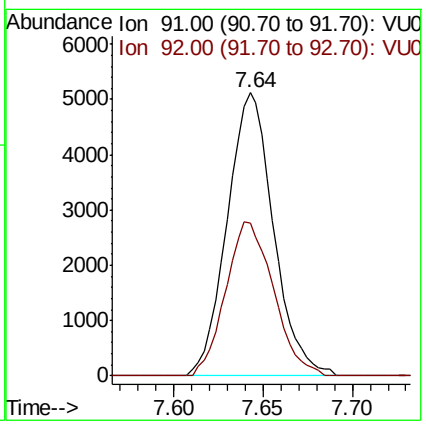


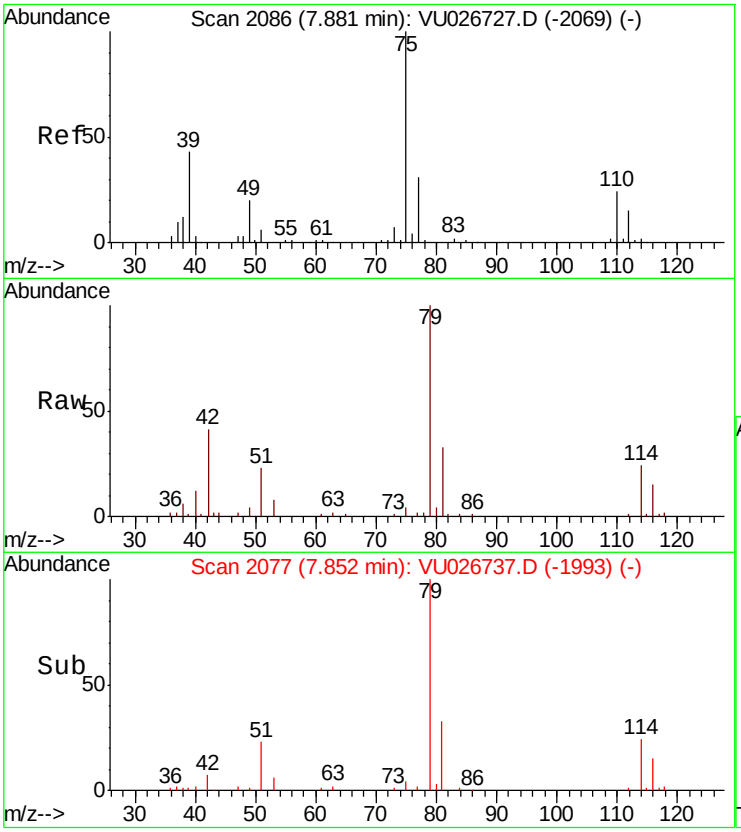


#42
Toluene
Concen: 1.425 ug/L
RT: 7.64 min Scan# 2012
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion: 91 Resp: 9272

Ion	Ratio	Lower	Upper
91	100		
92	54.0	40.3	74.9



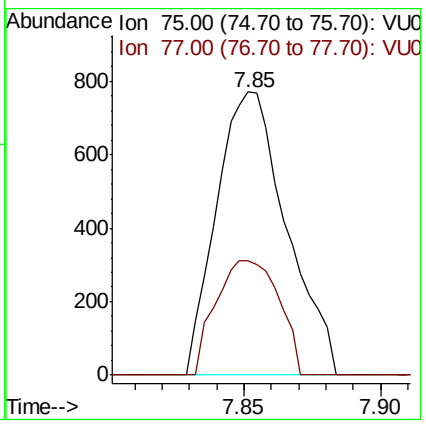


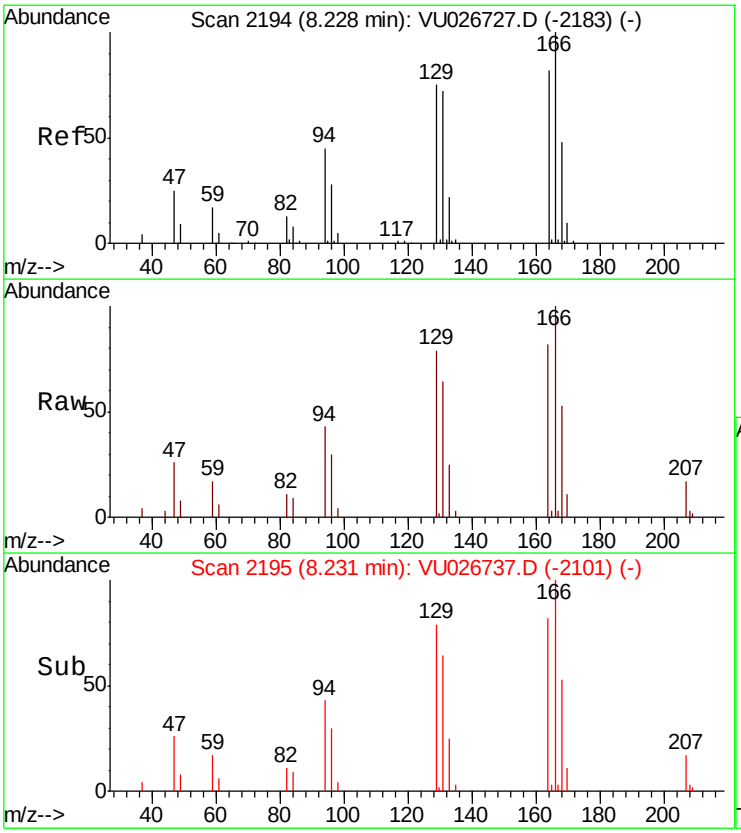
#44
trans-1,3-Dichloropropene
Concen: 0.568 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument : MSVOA_U
ClientSampleId : C08L5

Tgt Ion: 75 Resp: 1372

Ion	Ratio	Lower	Upper
75	100		
77	40.3	22.4	41.6

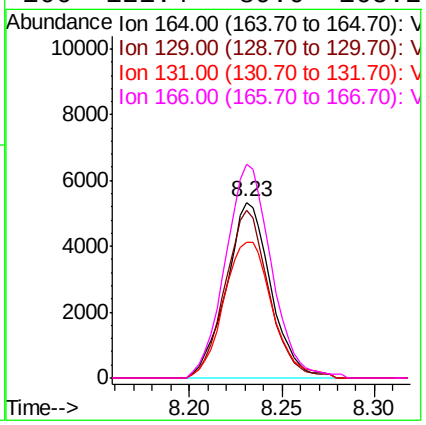


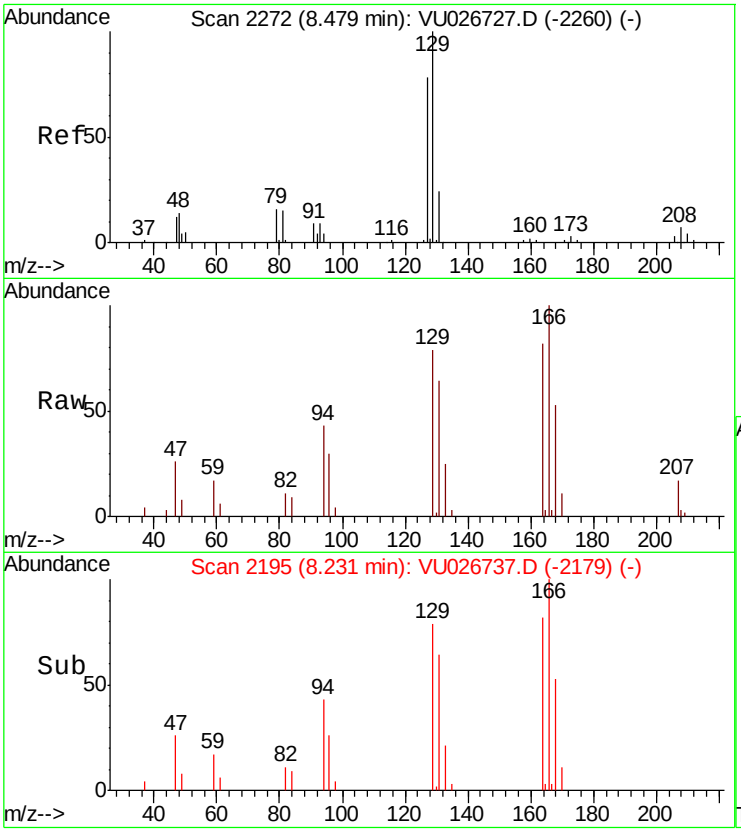


#46
Tetrachloroethene
Concen: 6.762 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:164 Resp: 8866

Ion	Ratio	Lower	Upper
164	100		
129	95.5	65.0	120.8
131	77.3	62.5	116.1
166	121.4	89.0	165.2



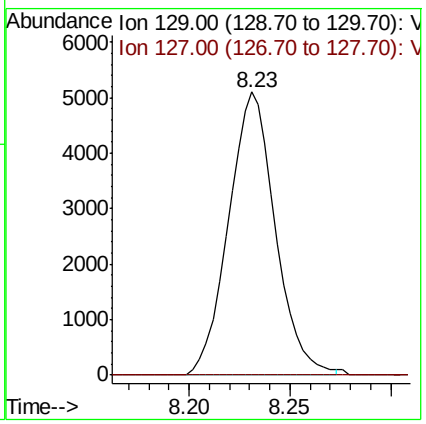


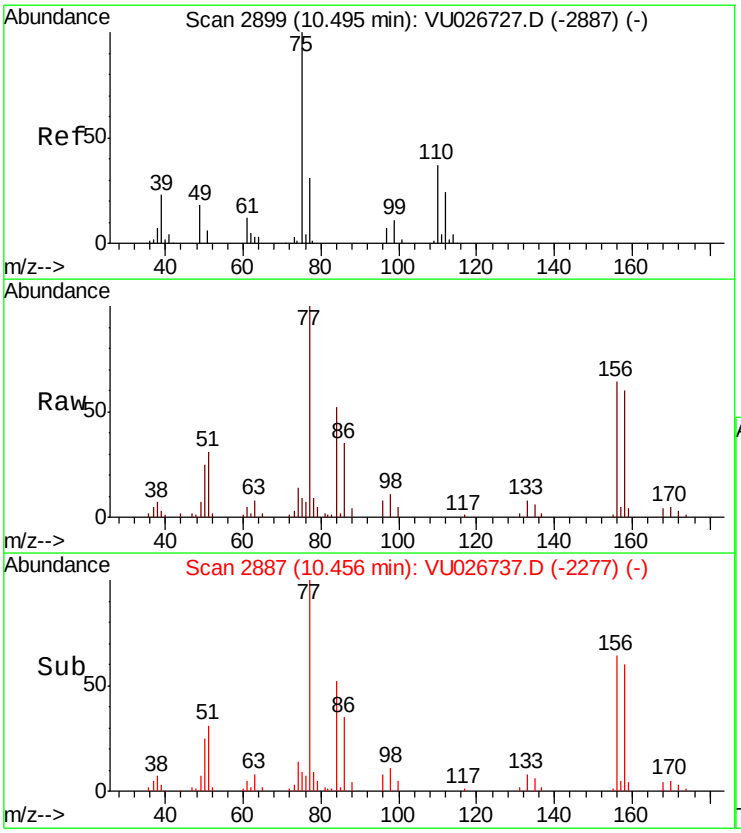
#49
Dibromochloromethane
Concen: 4.606 ug/L
RT: 8.23 min Scan# 2195
Delta R.T. -0.25 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion:129 Resp: 8281

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

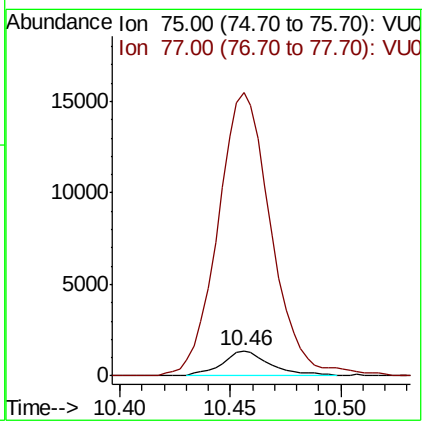


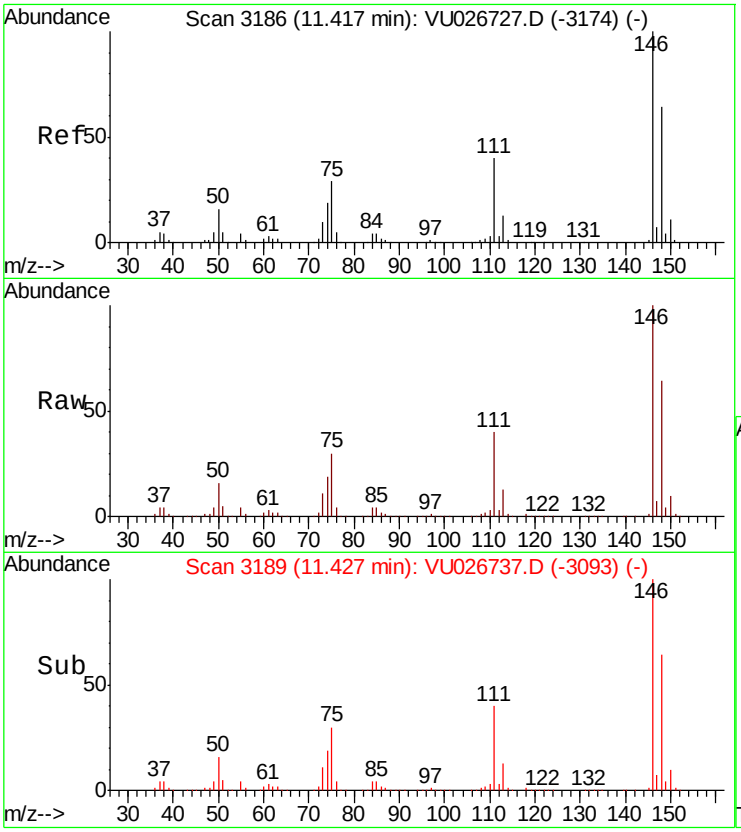


#59
1,2,3-Trichloropropane
Concen: 1.000 ug/L
RT: 10.46 min Scan# 2887
Delta R.T. -0.04 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion: 75 Resp: 2074

Ion	Ratio	Lower	Upper
75	100		
77	1254.7	25.8	38.6#



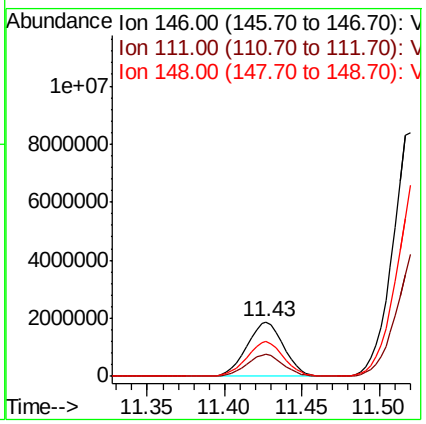


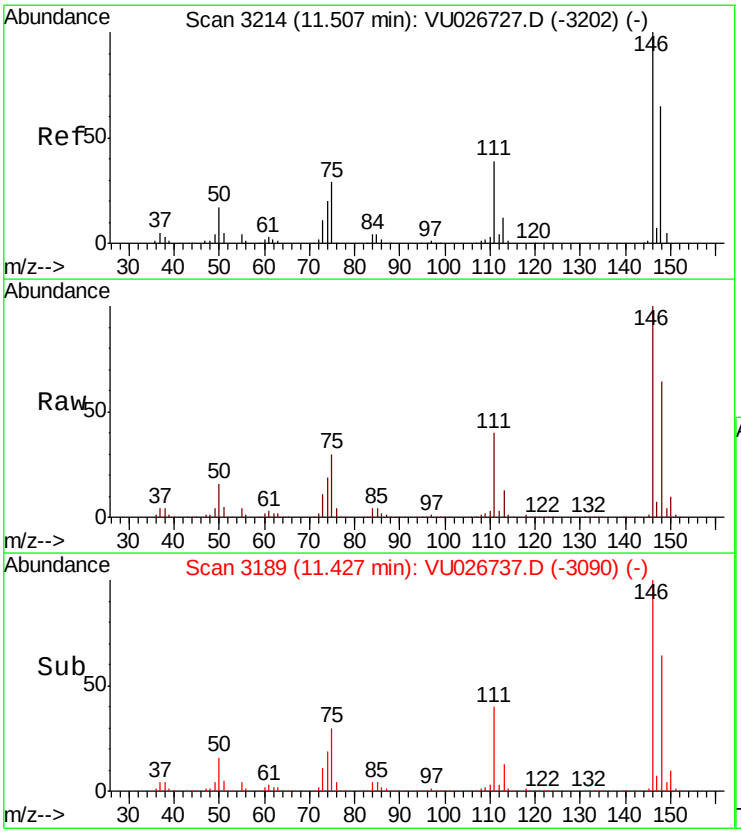
#62
1,3-Dichlorobenzene
Concen: 773.385 ug/L
RT: 11.43 min Scan# 3189
Delta R.T. 0.01 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion:146 Resp: 3115970

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.7	49.5
148	63.9	44.2	82.2

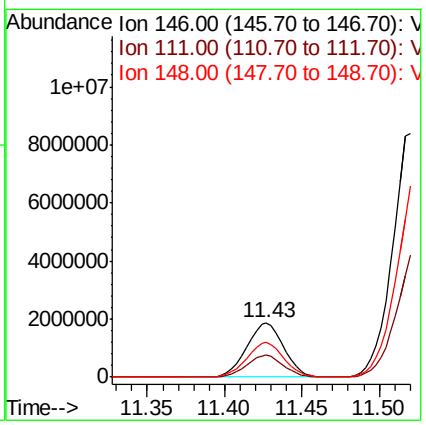


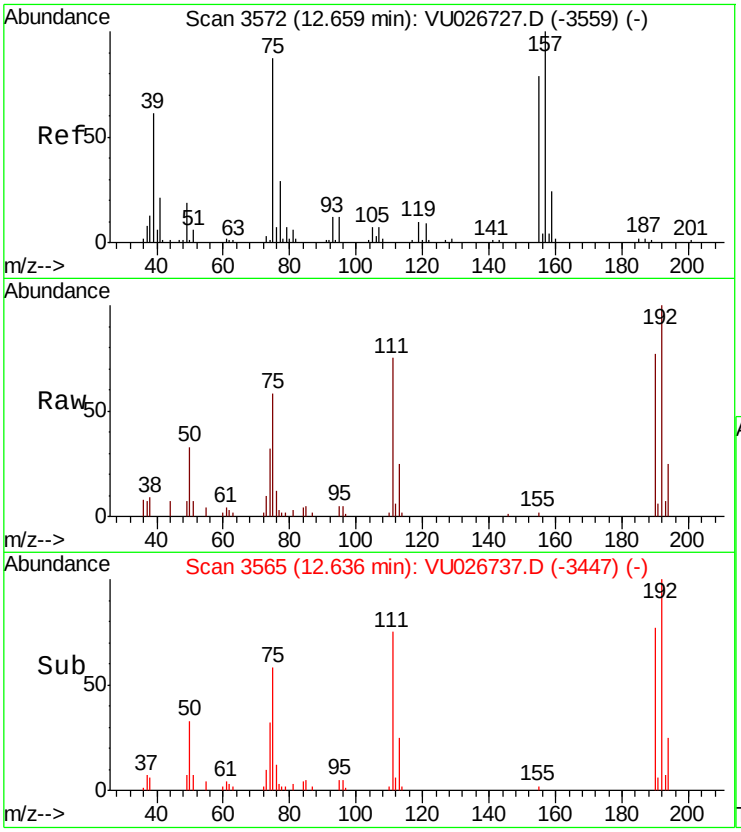


#63
1,4-Dichlorobenzene
Concen: 730.052 ug/L
RT: 11.43 min Scan# 3189
Delta R.T. -0.08 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:146 Resp: 3115970

Ion	Ratio	Lower	Upper
146	100		
111	39.9	26.5	49.3
148	63.9	45.2	84.0



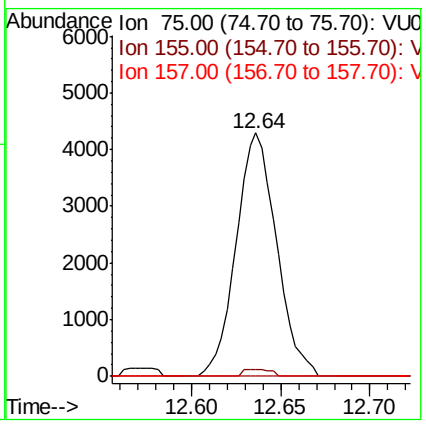


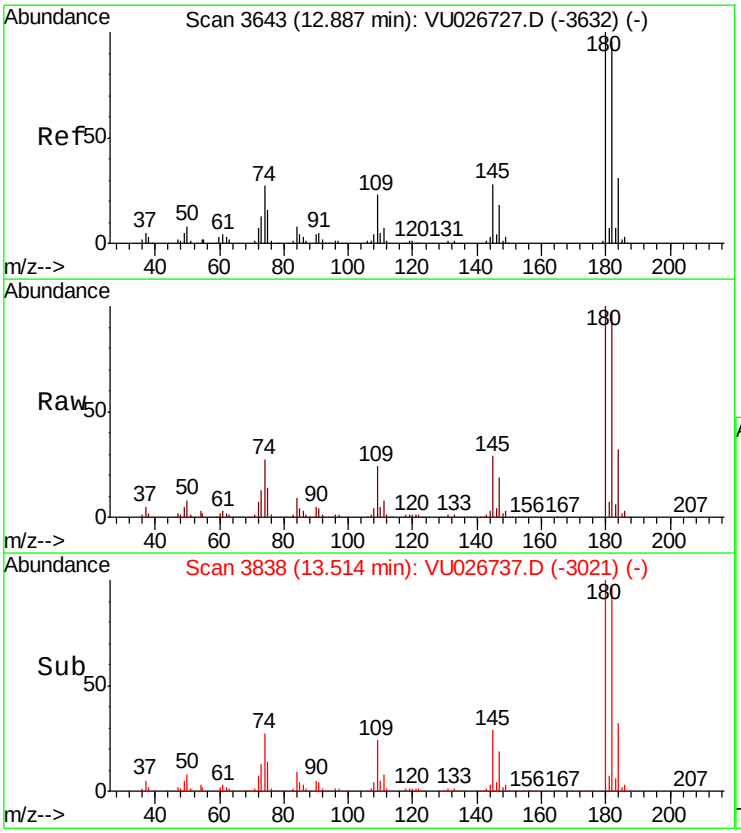
#66
1,2-Dibromo-3-chloropropane
Concen: 9.832 ug/L
RT: 12.64 min Scan# 3565
Delta R.T. -0.02 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument : MSVOA_U
ClientSampleId : C08L5

Tgt Ion: 75 Resp: 6764

Ion	Ratio	Lower	Upper
75	100		
155	2.8	69.3	103.9#
157	0.0	93.4	140.0#

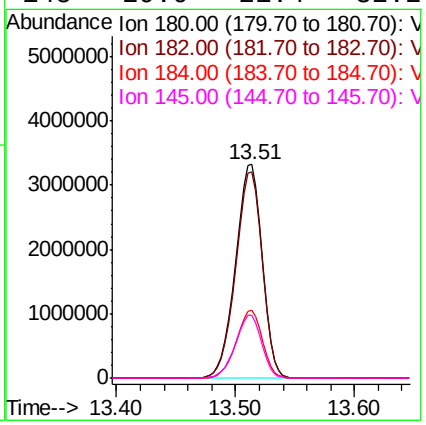


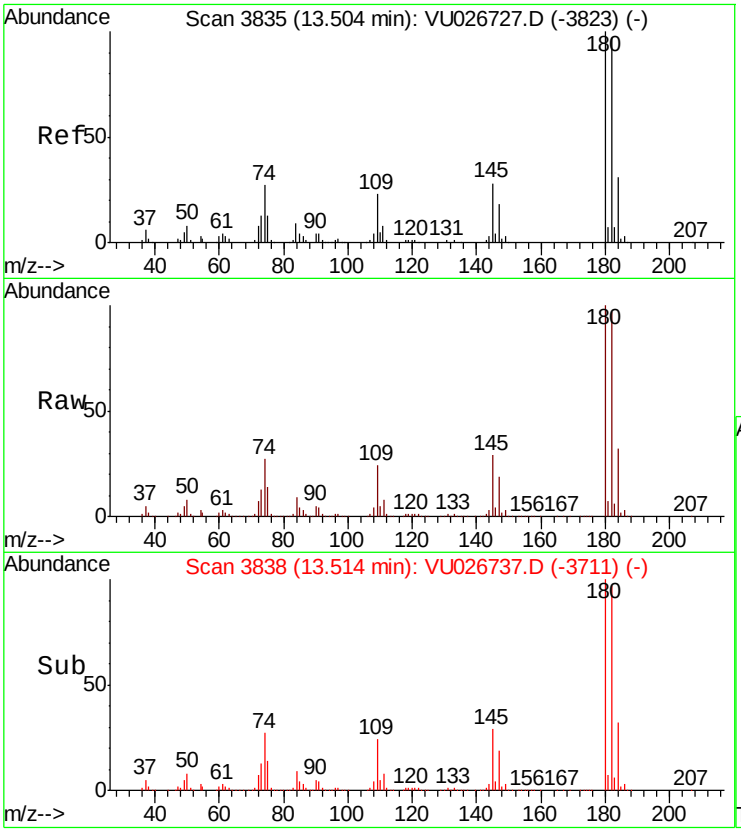


#67
1,3,5-Trichlorobenzene
Concen: 1610.195 ug/L
RT: 13.51 min Scan# 3838
Delta R.T. 0.63 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:180 Resp: 5145964

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.8	115.2
184	31.2	24.2	36.2
145	29.0	21.4	32.2



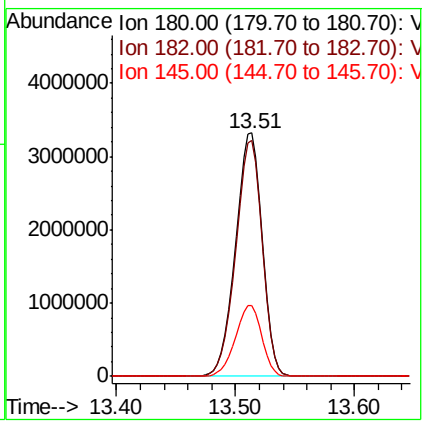


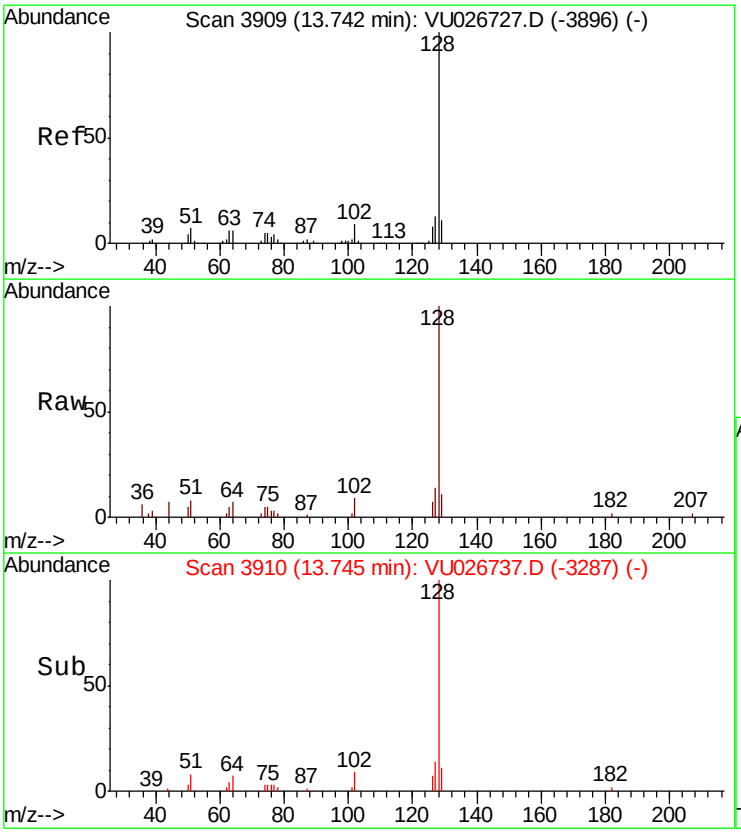
#68
1,2,4-trichlorobenzene
Concen: 1852.583 ug/L
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion:180 Resp: 5145964

Ion	Ratio	Lower	Upper
180	100		
182	96.2	76.0	114.0
145	29.0	23.4	35.0

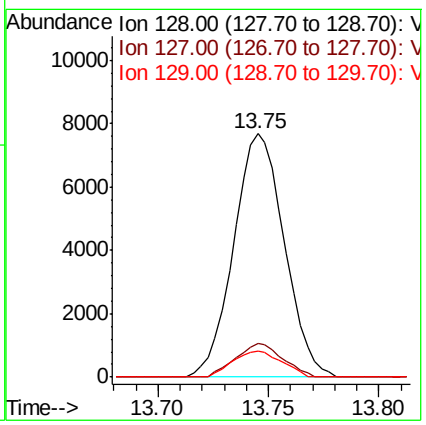


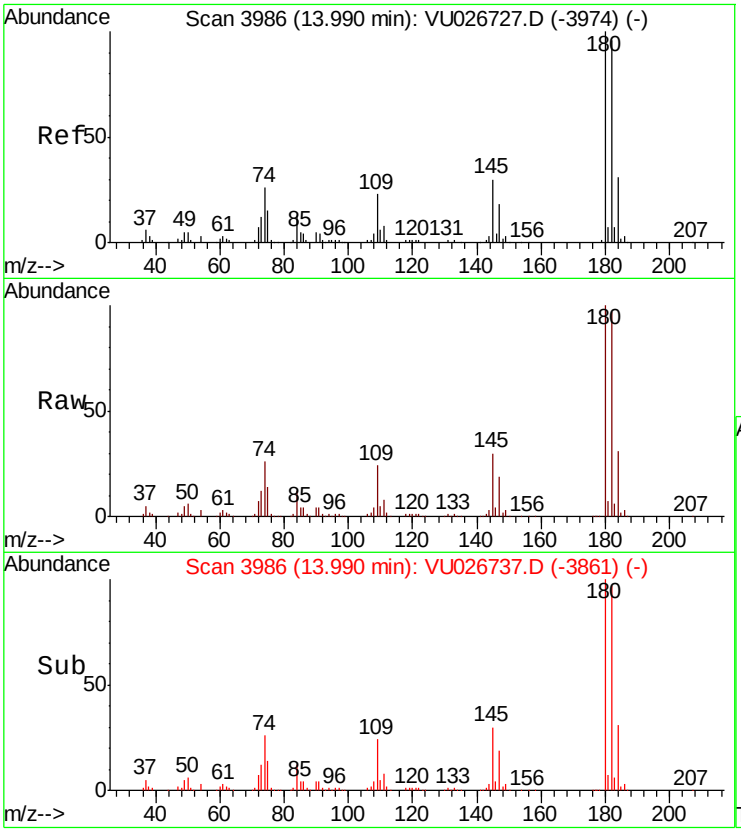


#69
Naphthalene
Concen: 1.436 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Tgt Ion:128 Resp: 12222

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.3	15.5
129	10.4	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 121.784 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026737.D
Acq: 13 Sep 2018 19:49

Instrument :
MSVOA_U
ClientSampleId :
C08L5

Tgt Ion:180 Resp: 366431

Ion	Ratio	Lower	Upper
180	100		
182	95.4	76.7	115.1
145	29.9	23.0	34.6