Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026736.D
Acq On : 13 Sep 2018 19:26
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L1

Quant Time: Sep 14 01:22:54 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	188176	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.10	117	187923	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	112546	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	63563	45.33	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.66%			
7) Chloroethane-d5	1.68	69	50924	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.14%			
11) 1,1-Dichloroethene-d2	2.27	63	89408	35.63	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.26%			
21) 2-Butanone-d5	4.18	46	86997	99.69	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 99.69%			
24) Chloroform-d	4.65	84	99432	42.64	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 85.28%			
26) 1,2-Dichloroethane-d4	5.31	65	68491	44.88	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.76%			
32) Benzene-d6	5.34	84	211928	43.57	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 87.14%			
36) 1,2-Dichloropropane-d6	6.33	67	70789	43.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 86.74%			
41) Toluene-d8	7.57	98	196017	42.95	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 85.90%			
43) trans-1,3-Dichloropropene-	7.85	79	32253	42.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 85.00%			
47) 2-Hexanone-d5	8.31	63	62967	94.56	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 94.56%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	95515	42.74	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 85.48%			
64) 1,2-Dichlorobenzene-d4	11.88	152	110196	49.12	ug/L	0.02
Spiked Amount 50.000	Range 80 - 120		Recovery = 98.24%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	787	0.681	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	743	0.670	ug/L #	1
13) Acetone	2.32	43	2762	2.779	ug/L	93
25) Chloroform	4.68	83	3119	1.361	ug/L	97
27) 1,2-Dichloroethane	5.40	62	1039	0.571	ug/L #	75
29) Cyclohexane	5.00	56	4065	1.975	ug/L	92
31) Carbon tetrachloride	5.14	117	2994	1.664	ug/L	97
33) Benzene	5.39	78	94386	17.935	ug/L	100
35) Methylcyclohexane	6.42	83	14249	6.806	ug/L #	80
37) 1,2-Dichloropropane	6.33	63	7399	5.033	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1956	0.899	ug/L #	69
42) Toluene	7.64	91	1966	0.360	ug/L	100
44) trans-1,3-Dichloropropene	7.85	75	1400	0.692	ug/L	97
46) Tetrachloroethene	8.23	164	1435	1.305	ug/L	90
49) Dibromochloromethane	8.23	129	1304	0.865	ug/L #	9
62) 1,3-Dichlorobenzene	11.42	146	1731950	535.946	ug/L	98
63) 1,4-Dichlorobenzene	11.52	146	12638308	3691.752	ug/L	97

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026736.D
Acq On : 13 Sep 2018 19:26
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08L1

Quant Time: Sep 14 01:22:54 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)
66) 1,2-Dibromo-3-chloropropan	12.64	75	7503	13.598	ug/L	#	1
67) 1,3,5-Trichlorobenzene	12.89	180	7545	2.943	ug/L		97
68) 1,2,4-trichlorobenzene	13.52	180	13754508	6173.611	ug/L		99
69) Naphthalene	13.75	128	19008	2.784	ug/L		99
70) 1,2,3-Trichlorobenzene	13.99	180	1663066	689.111	ug/L		99

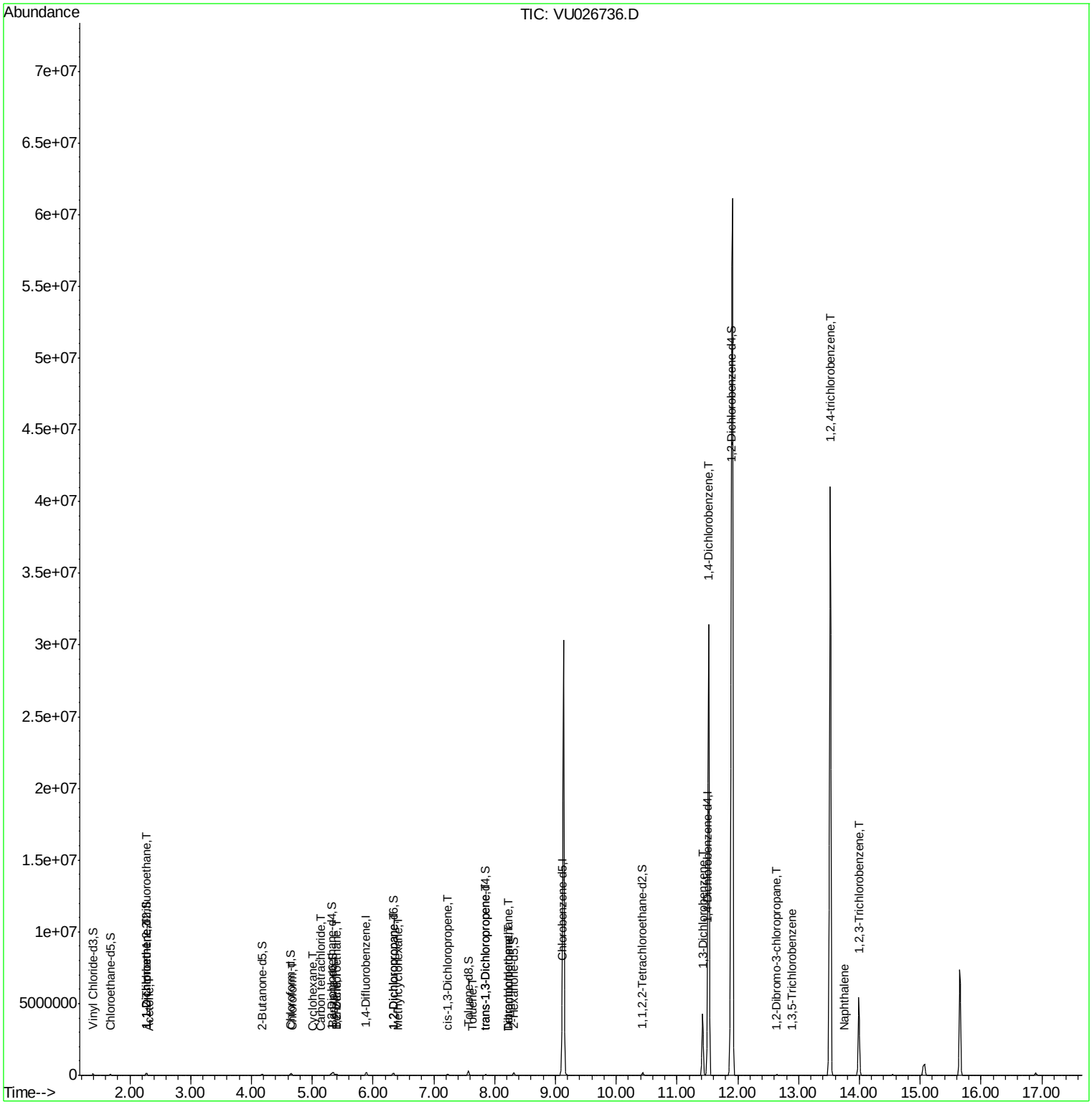
(#) = qualifier out of range (m) = manual integration (+) = signals summed

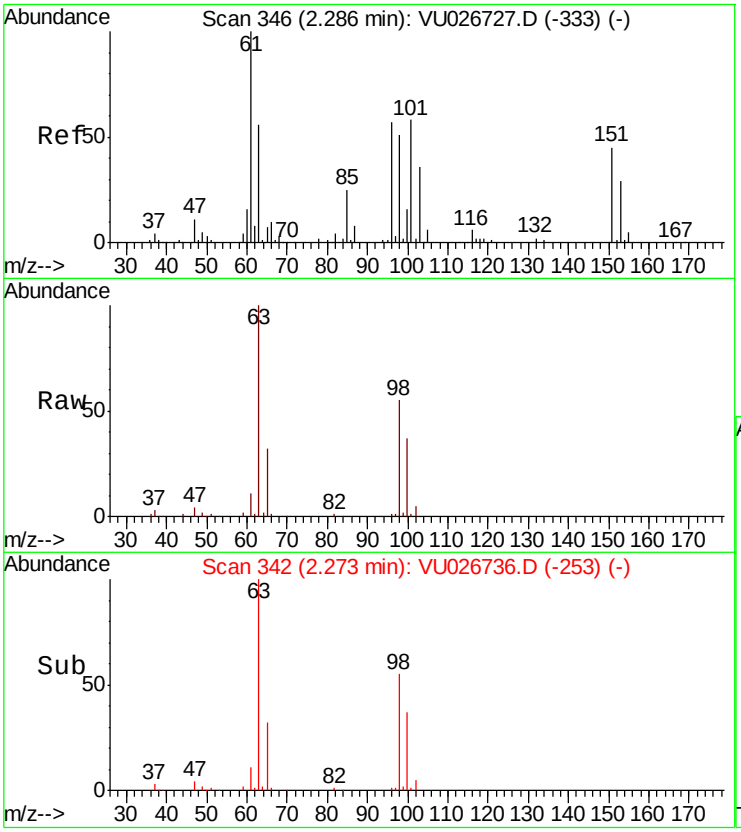
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026736.D
Acq On : 13 Sep 2018 19:26
Operator : MD/SY
Sample : J4893-06
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Quant Time: Sep 14 01:22:54 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



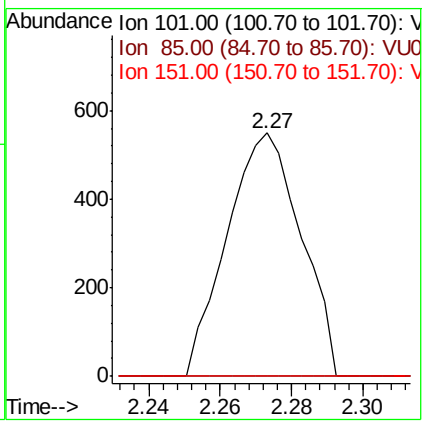


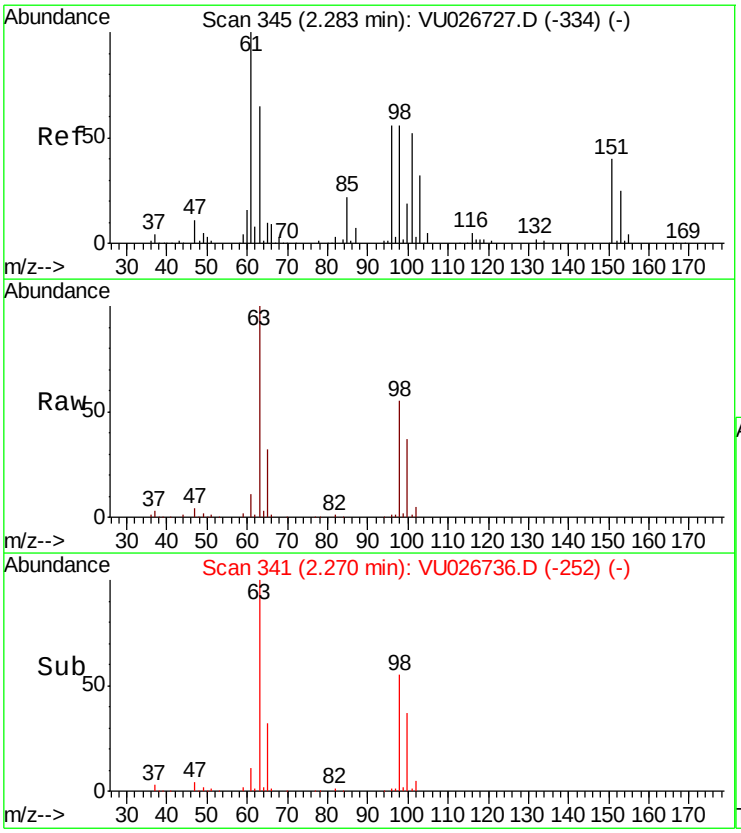
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.681 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion:101 Resp: 787

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

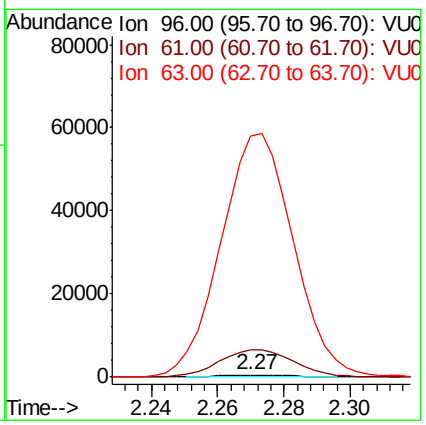


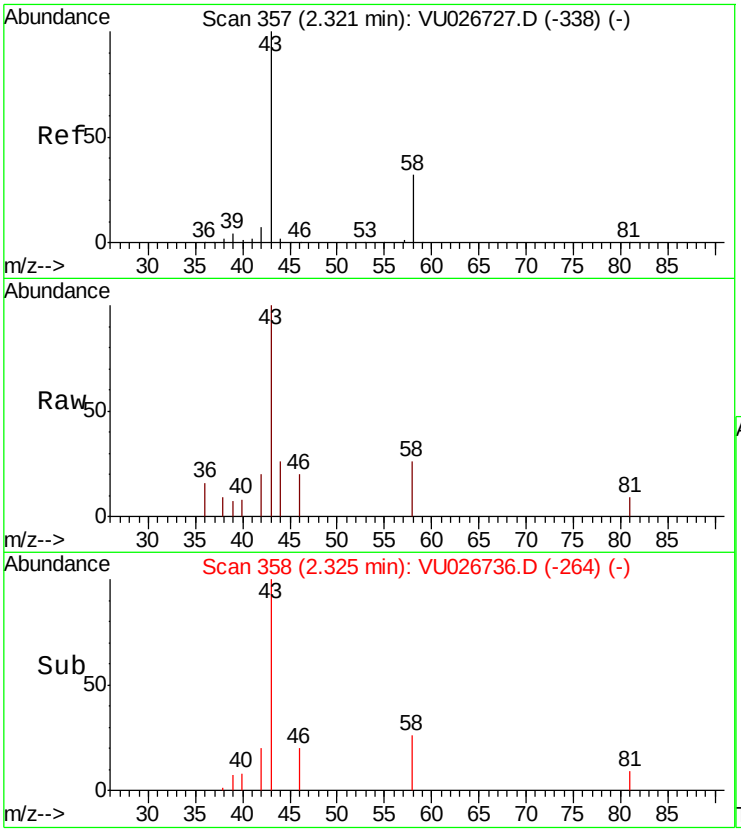


#12
1,1-Dichloroethene
Concen: 0.670 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 96 Resp: 743

Ion	Ratio	Lower	Upper
96	100		
61	1399.2	121.0	224.8#
63	12332.9	89.9	166.9#



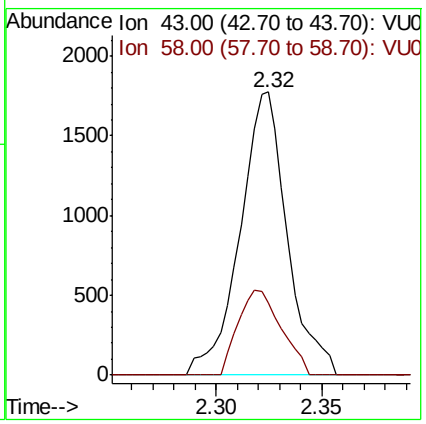


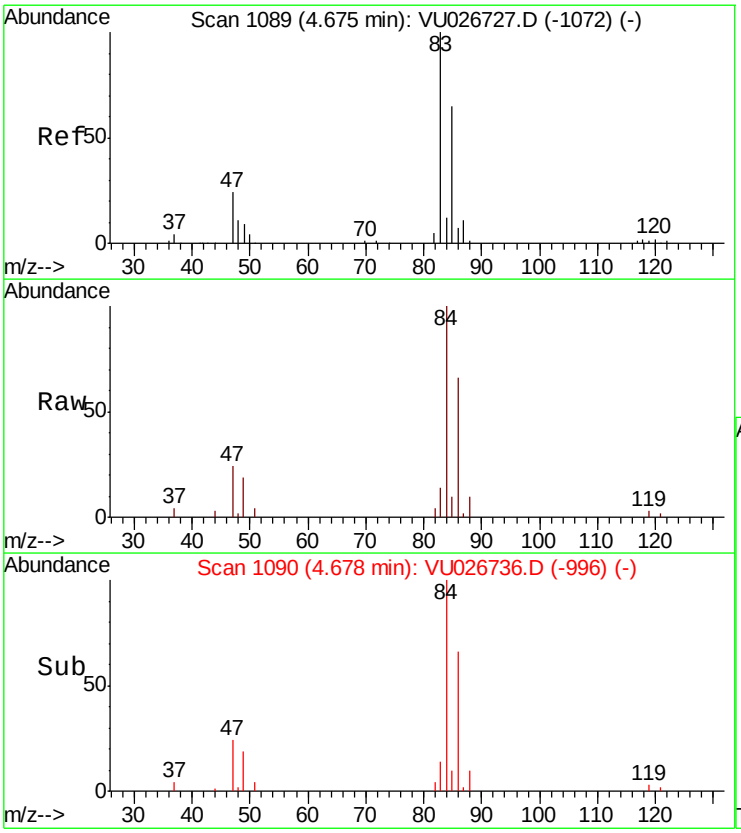
#13
Acetone
Concen: 2.779 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion: 43 Resp: 2762

Ion	Ratio	Lower	Upper
43	100		
58	27.4	0.0	62.8

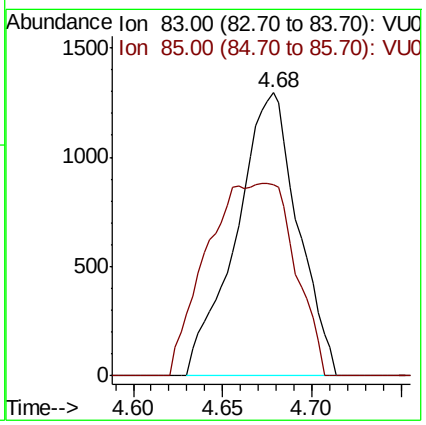


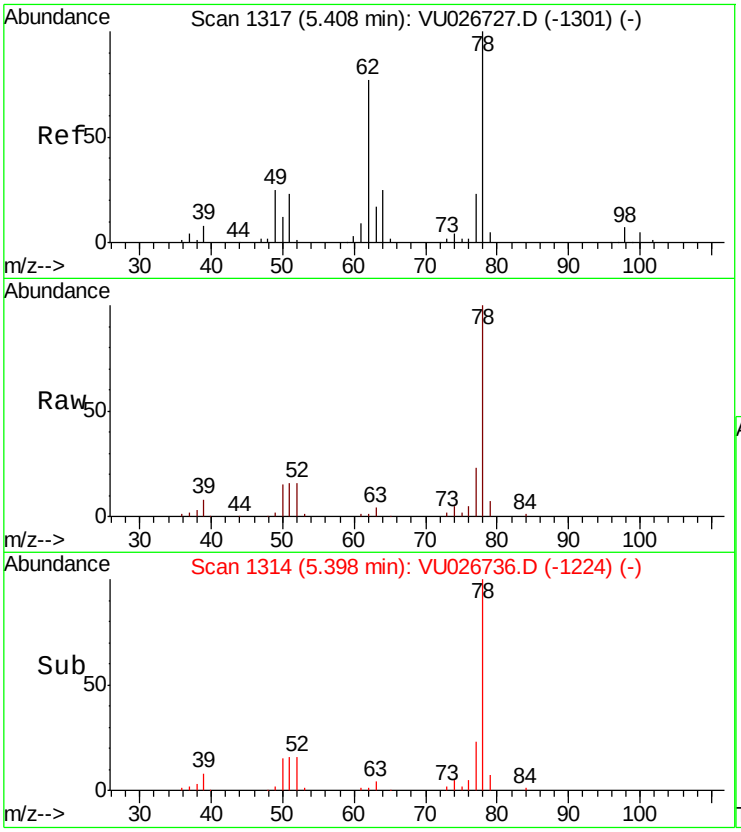


#25
Chloroform
Concen: 1.361 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 83 Resp: 3119

Ion	Ratio	Lower	Upper
83	100		
85	67.6	45.6	84.6



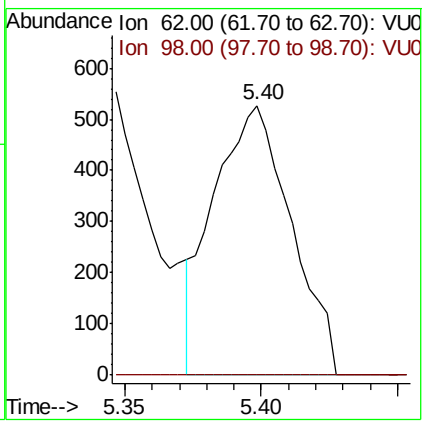


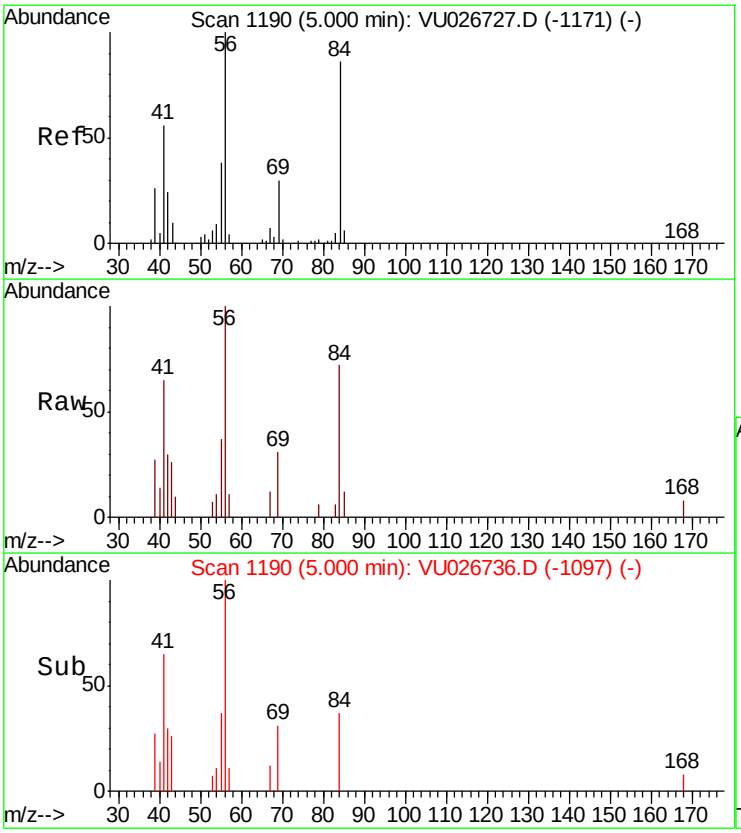
#27
1,2-Dichloroethane
Concen: 0.571 ug/L
RT: 5.40 min Scan# 1314
Delta R.T. -0.01 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion: 62 Resp: 1039

Ion	Ratio	Lower	Upper
62	100		
98	0.0	7.4	11.0#

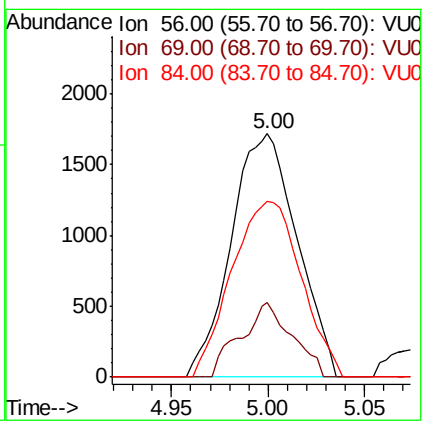


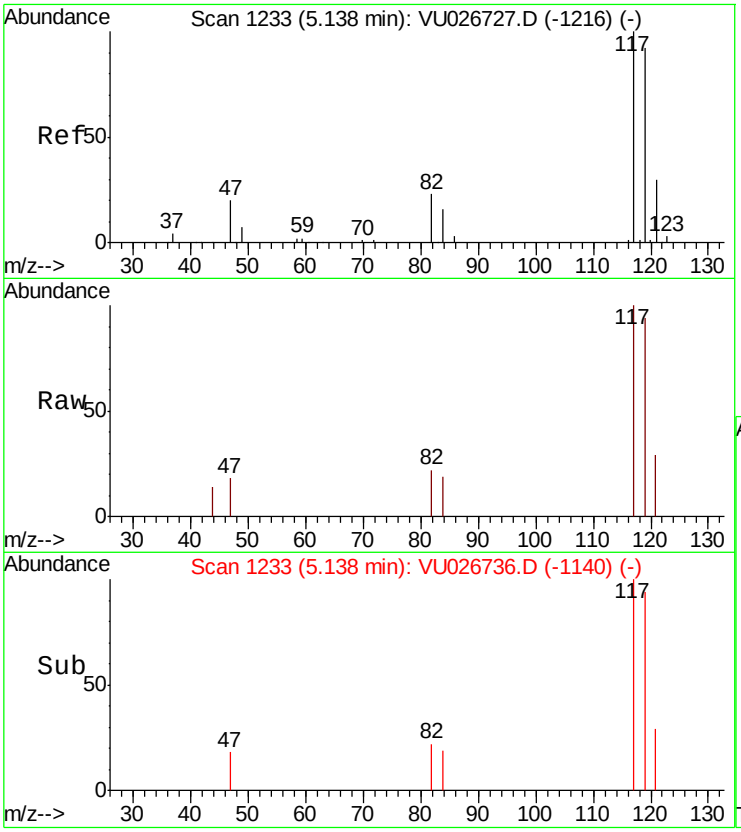


#29
Cyclohexane
Concen: 1.975 ug/L
RT: 5.00 min Scan# 1190
Delta R.T. -0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 56 Resp: 4065

Ion	Ratio	Lower	Upper
56	100		
69	23.9	23.0	34.6
84	76.1	66.5	99.7



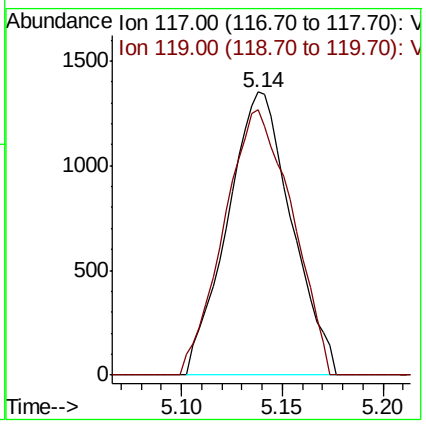


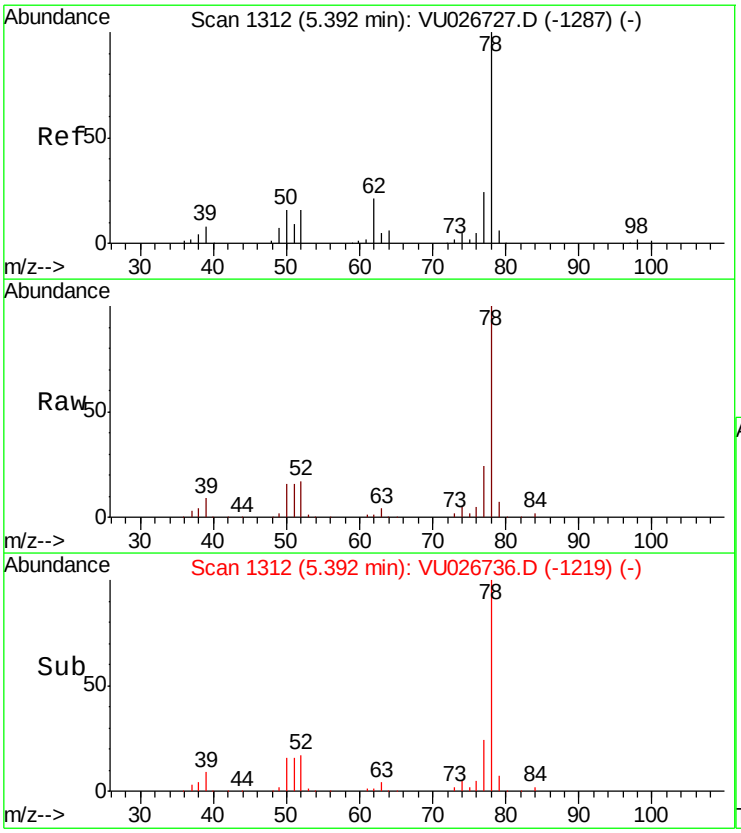
#31
Carbon tetrachloride
Concen: 1.664 ug/L
RT: 5.14 min Scan# 1233
Delta R.T. -0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion:117 Resp: 2994

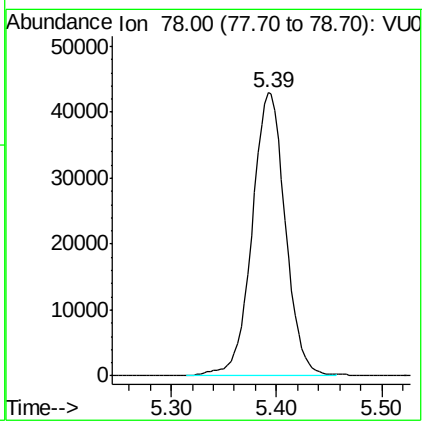
Ion	Ratio	Lower	Upper
117	100		
119	99.6	77.6	116.4

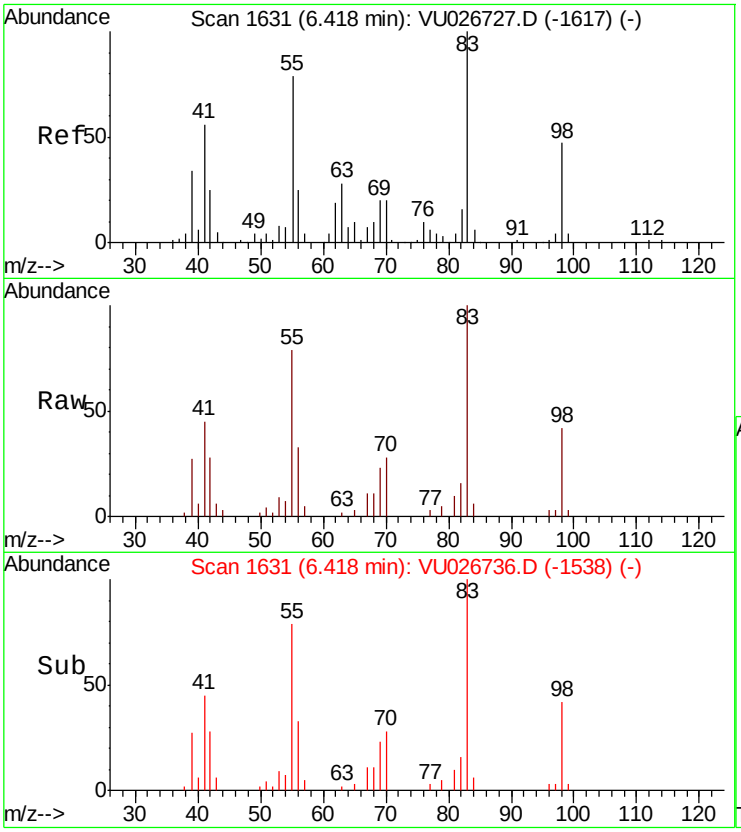




#33
Benzene
Concen: 17.935 ug/L
RT: 5.39 min Scan# 1312
Delta R.T. -0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 78 Resp: 94386



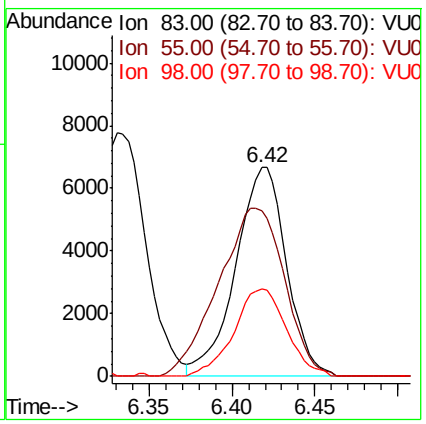


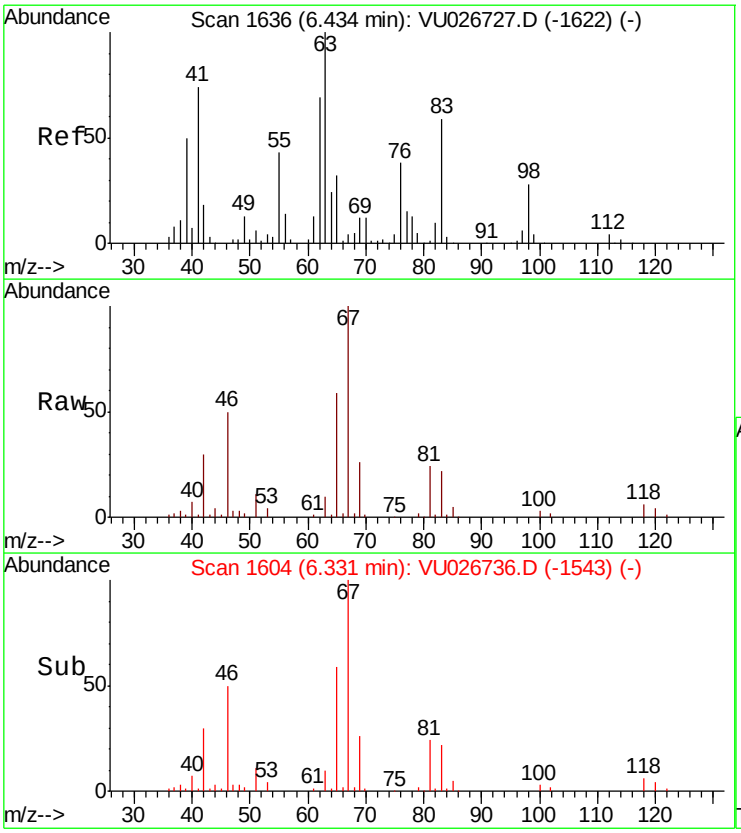
#35
Methylcyclohexane
Concen: 6.806 ug/L
RT: 6.42 min Scan# 1631
Delta R.T. -0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion: 83 Resp: 14249

Ion	Ratio	Lower	Upper
83	100		
55	104.7	62.9	94.3#
98	43.3	37.0	55.4

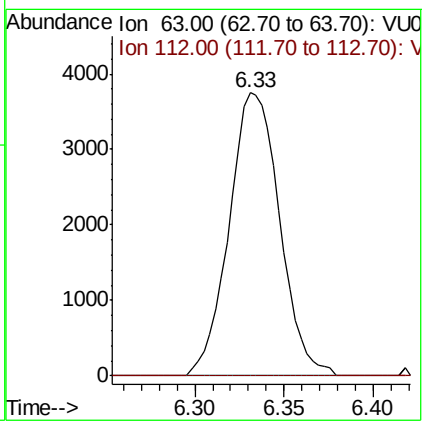


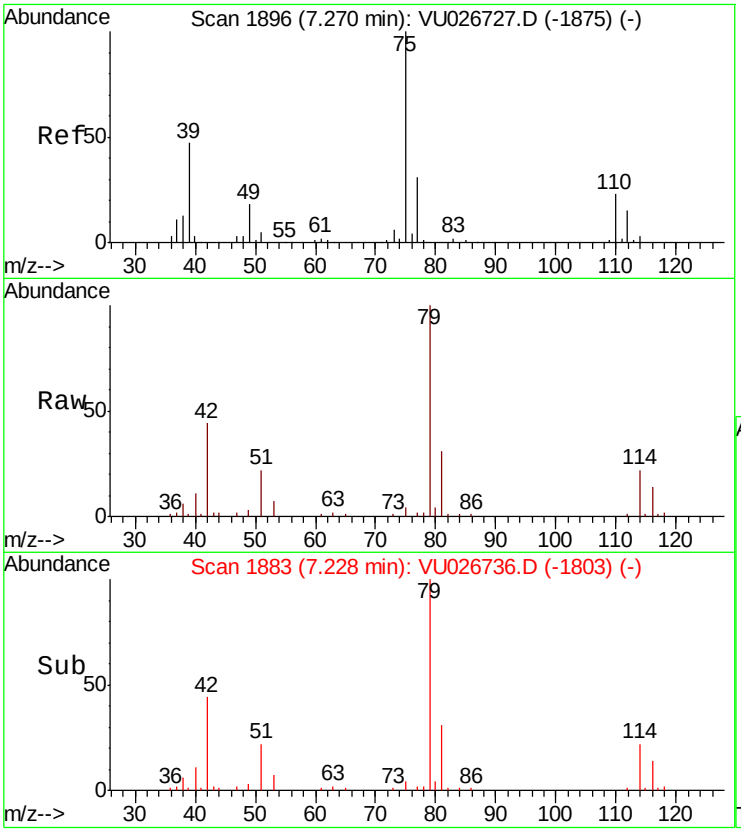


#37
1,2-Dichloropropane
Concen: 5.033 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 63 Resp: 7399

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



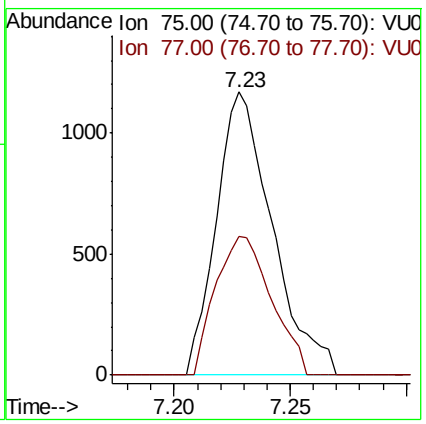


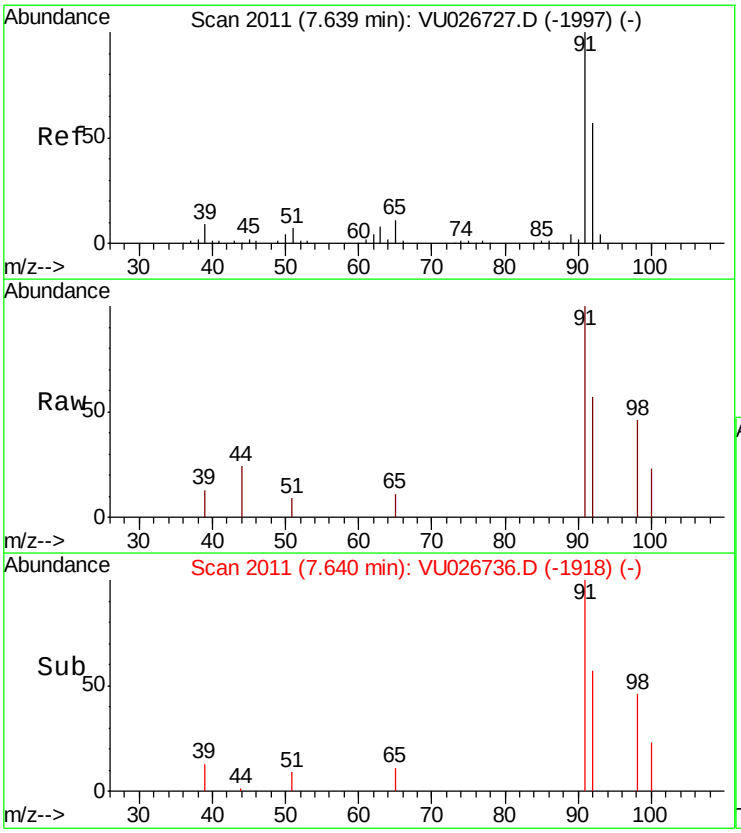
#39
cis-1,3-Dichloropropene
Concen: 0.899 ug/L
RT: 7.23 min Scan# 1883
Delta R.T. -0.04 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument : MSVOA_U
ClientSampleId : C08L1

Tgt Ion: 75 Resp: 1956

Ion	Ratio	Lower	Upper
75	100		
77	48.8	22.3	41.3#

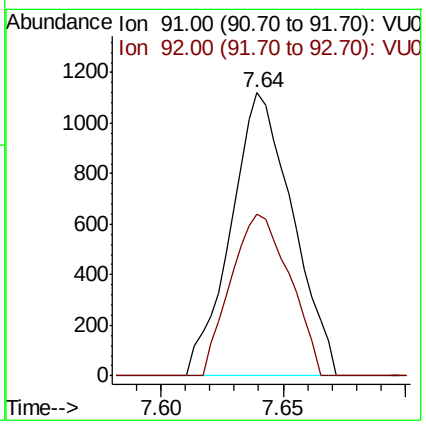


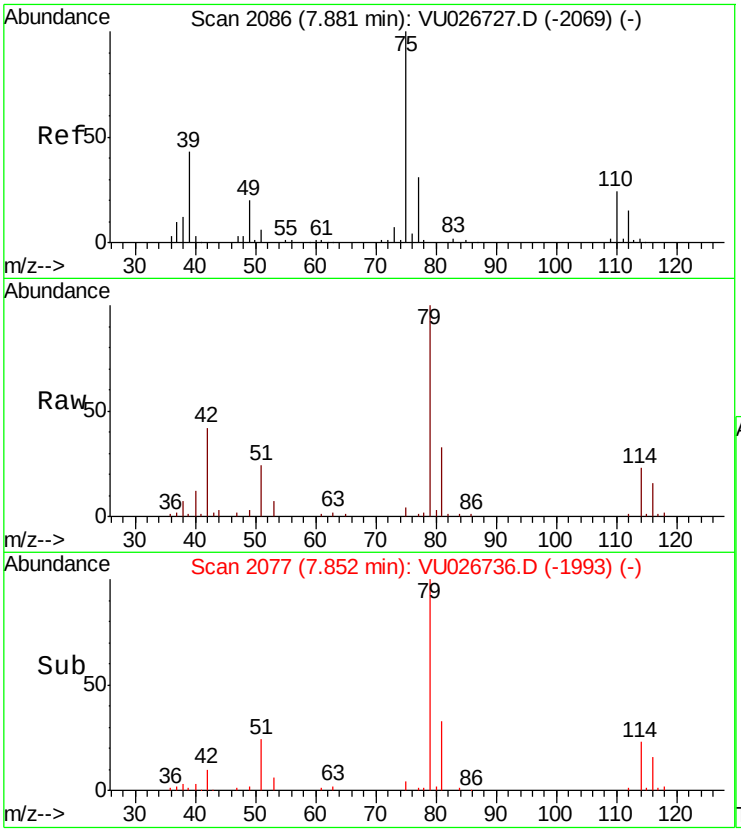


#42
Toluene
Concen: 0.360 ug/L
RT: 7.64 min Scan# 2011
Delta R.T. -0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 91 Resp: 1966

Ion	Ratio	Lower	Upper
91	100		
92	57.3	40.3	74.9



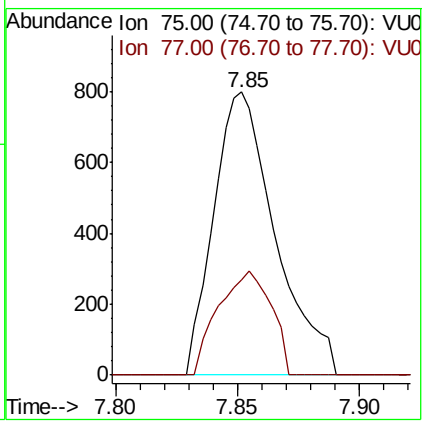


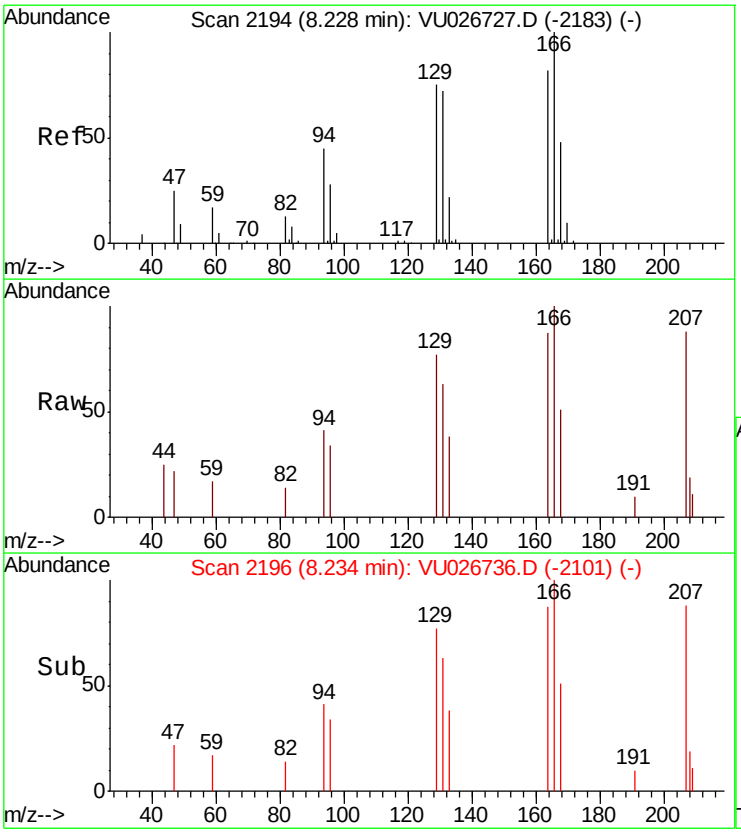
#44
trans-1,3-Dichloropropene
Concen: 0.692 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion: 75 Resp: 1400

Ion	Ratio	Lower	Upper
75	100		
77	33.6	22.4	41.6

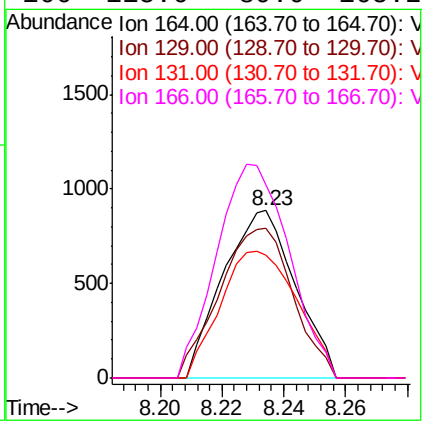


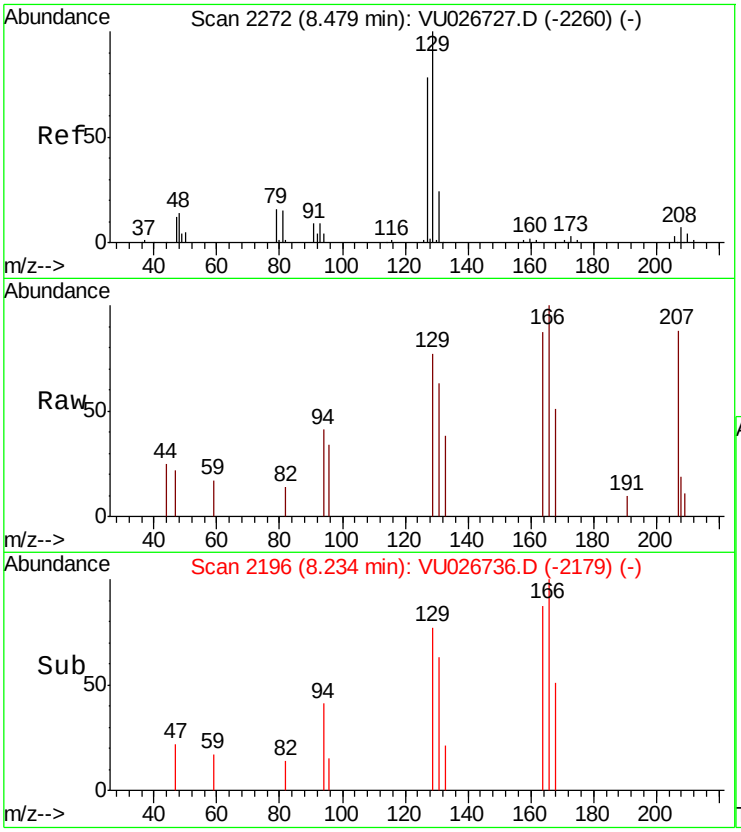


#46
Tetrachloroethene
Concen: 1.305 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. 0.01 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion:164 Resp: 1435

Ion	Ratio	Lower	Upper
164	100		
129	89.2	65.0	120.8
131	73.1	62.5	116.1
166	115.6	89.0	165.2



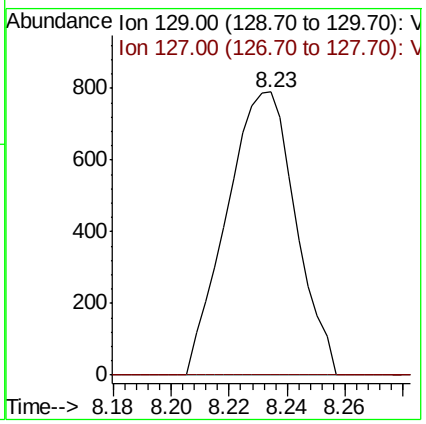


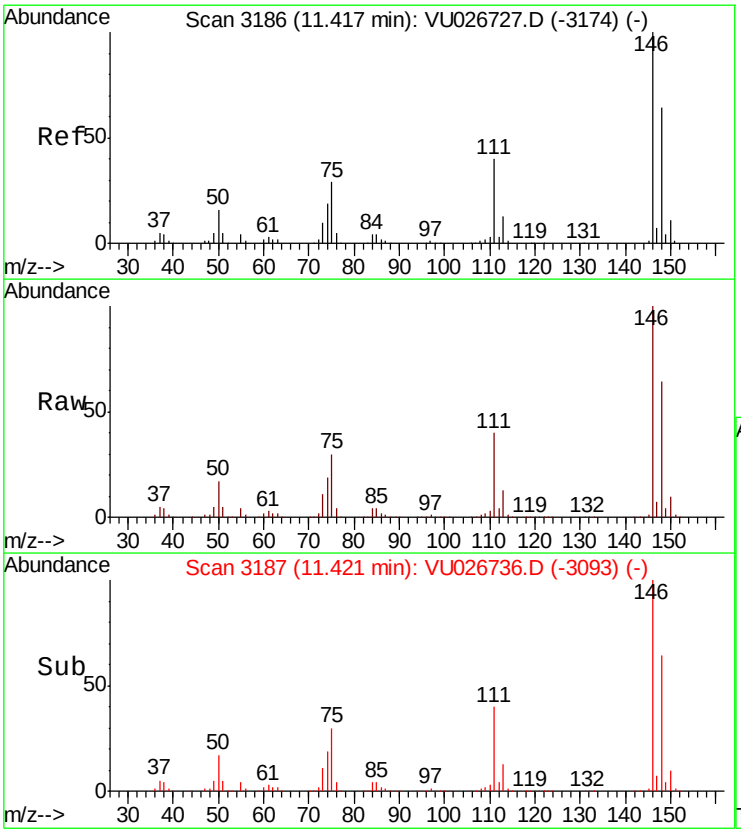
#49
Dibromochloromethane
Concen: 0.865 ug/L
RT: 8.23 min Scan# 2196
Delta R.T. -0.24 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument : MSVOA_U
ClientSampleId : C08L1

Tgt Ion:129 Resp: 1304

Ion	Ratio	Lower	Upper
129	100		
127	0.0	55.8	103.6#

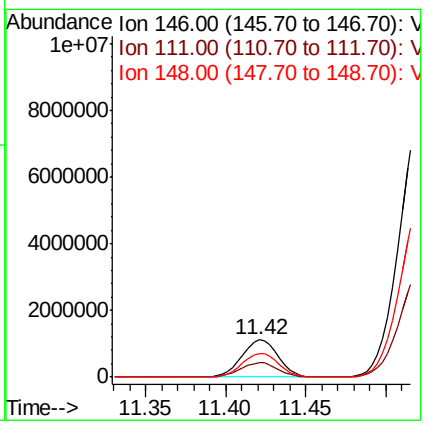


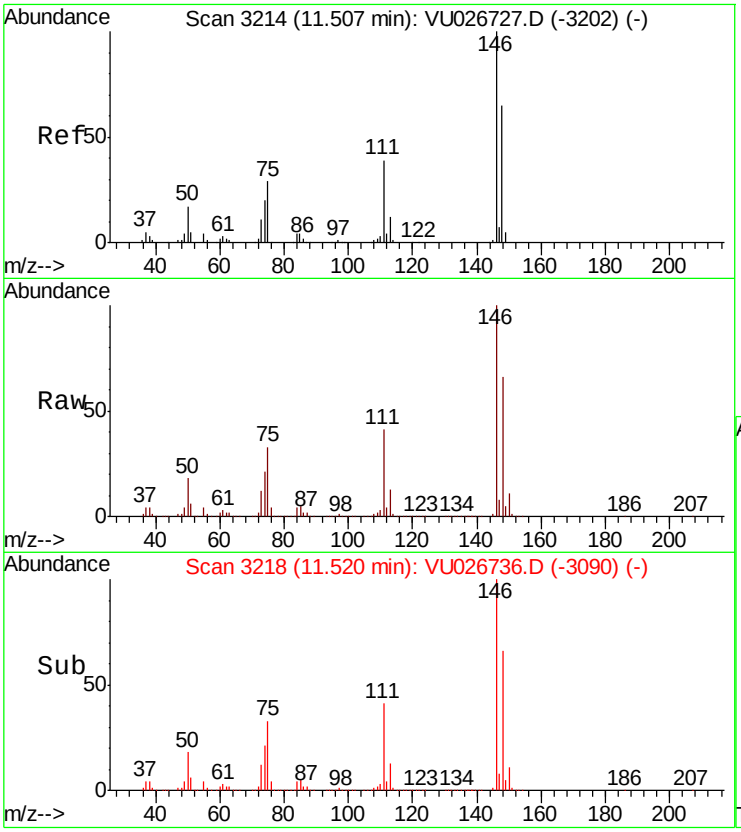


#62
1,3-Dichlorobenzene
Concen: 535.946 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion:146 Resp: 1731950

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.7	49.5
148	64.0	44.2	82.2



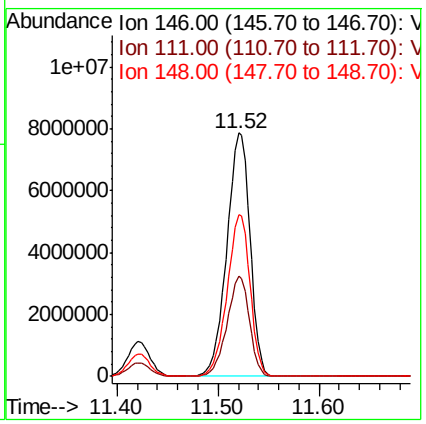


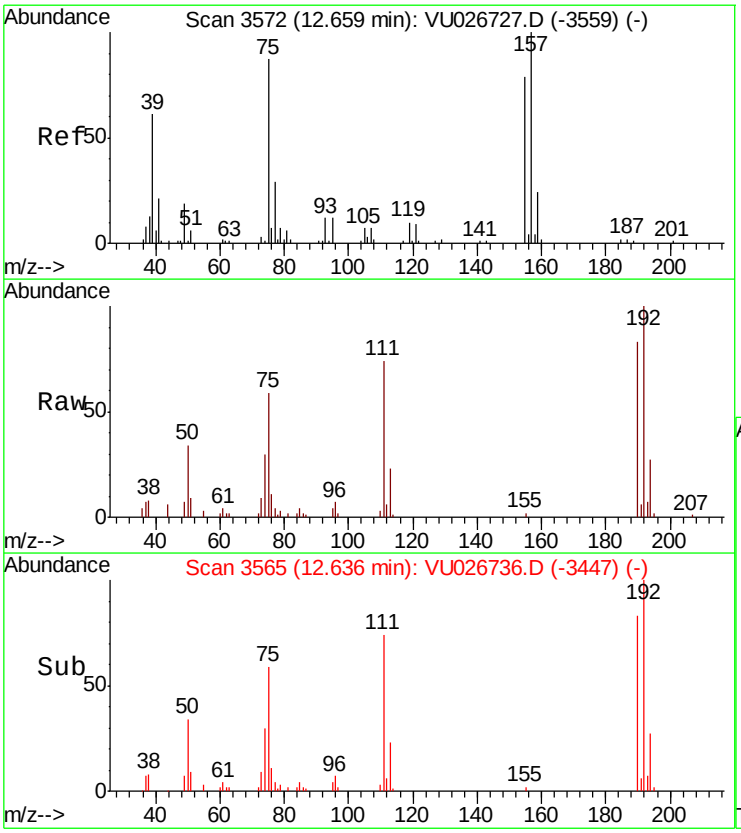
#63
1,4-Dichlorobenzene
Concen: 3691.752 ug/L
RT: 11.52 min Scan# 3218
Delta R.T. 0.01 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument : MSVOA_U
ClientSampleId : C08L1

Tgt Ion:146 Resp:12638308

Ion	Ratio	Lower	Upper
146	100		
111	40.9	26.5	49.3
148	66.3	45.2	84.0

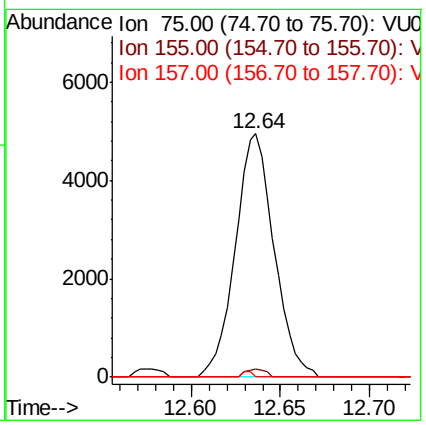


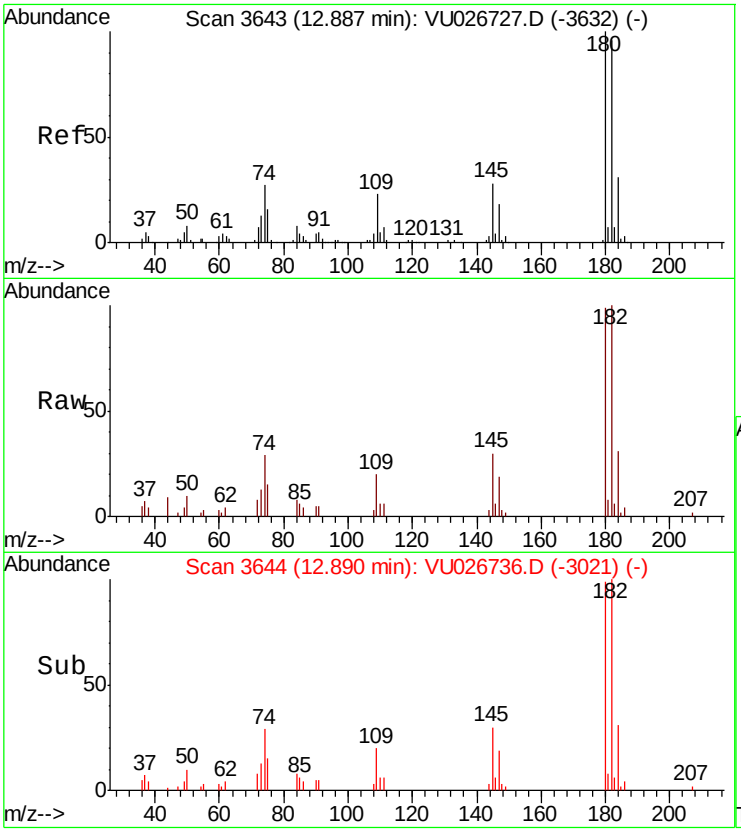


#66
1,2-Dibromo-3-chloropropane
Concen: 13.598 ug/L
RT: 12.64 min Scan# 3565
Delta R.T. -0.02 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion: 75 Resp: 7503

Ion	Ratio	Lower	Upper
75	100		
155	3.1	69.3	103.9#
157	0.0	93.4	140.0#



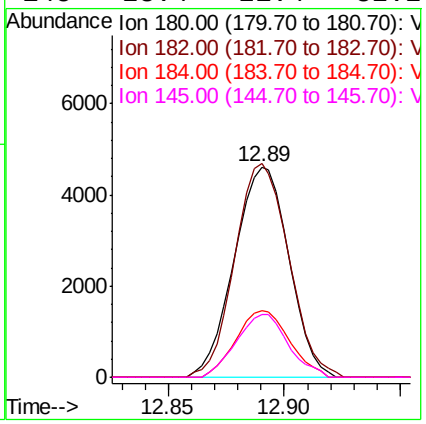


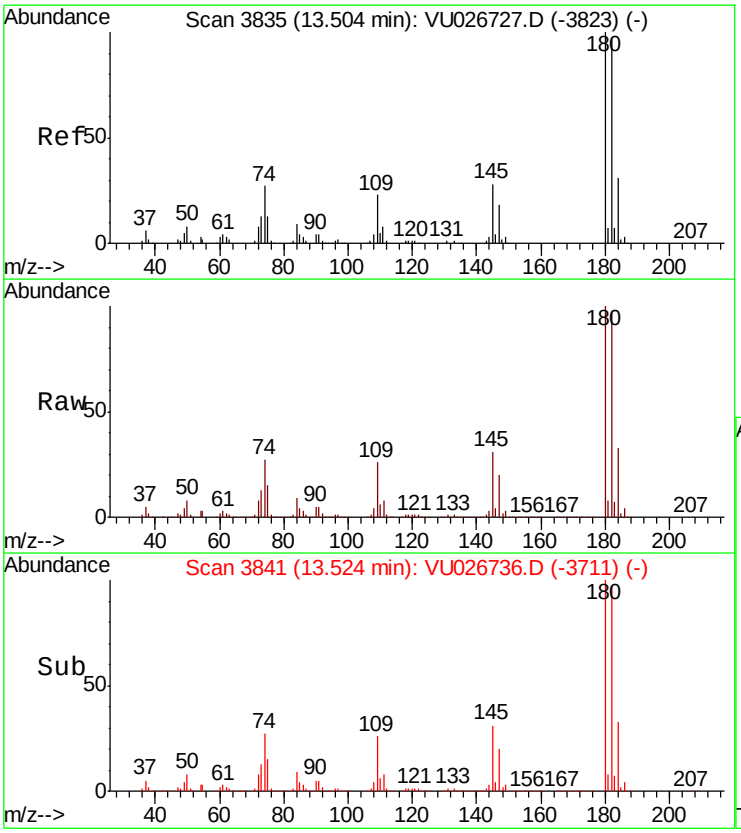
#67
1,3,5-Trichlorobenzene
Concen: 2.943 ug/L
RT: 12.89 min Scan# 3644
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion:180 Resp: 7545

Ion	Ratio	Lower	Upper
180	100		
182	99.9	76.8	115.2
184	30.9	24.2	36.2
145	28.4	21.4	32.2

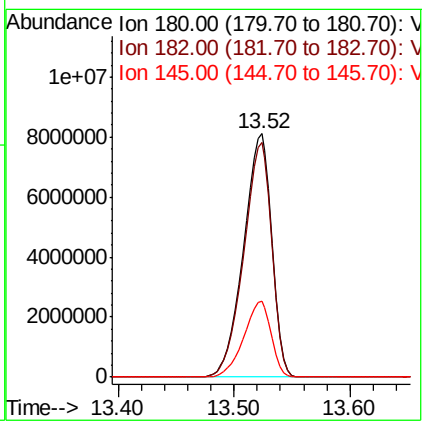


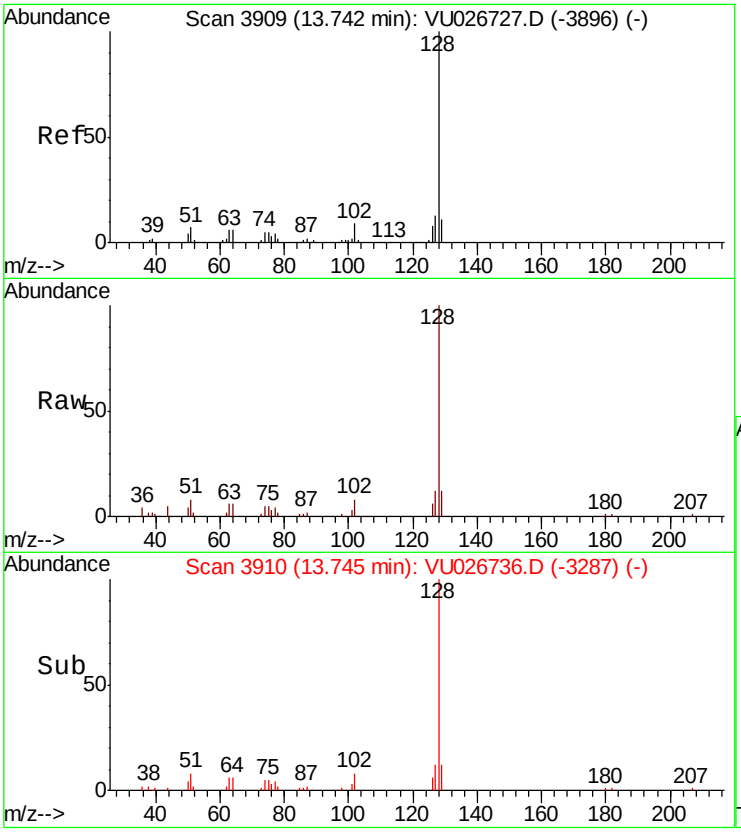


#68
1,2,4-trichlorobenzene
Concen: 6173.611 ug/L
RT: 13.52 min Scan# 3841
Delta R.T. 0.02 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion:180 Resp:13754508

Ion	Ratio	Lower	Upper
180	100		
182	95.9	76.0	114.0
145	30.2	23.4	35.0



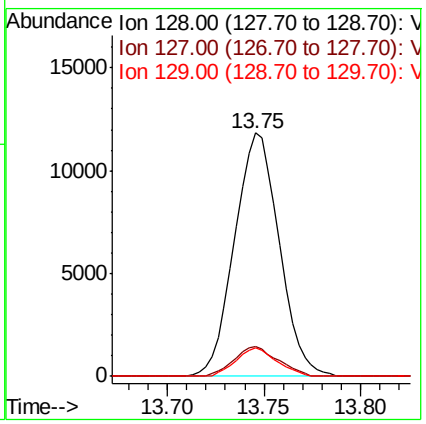


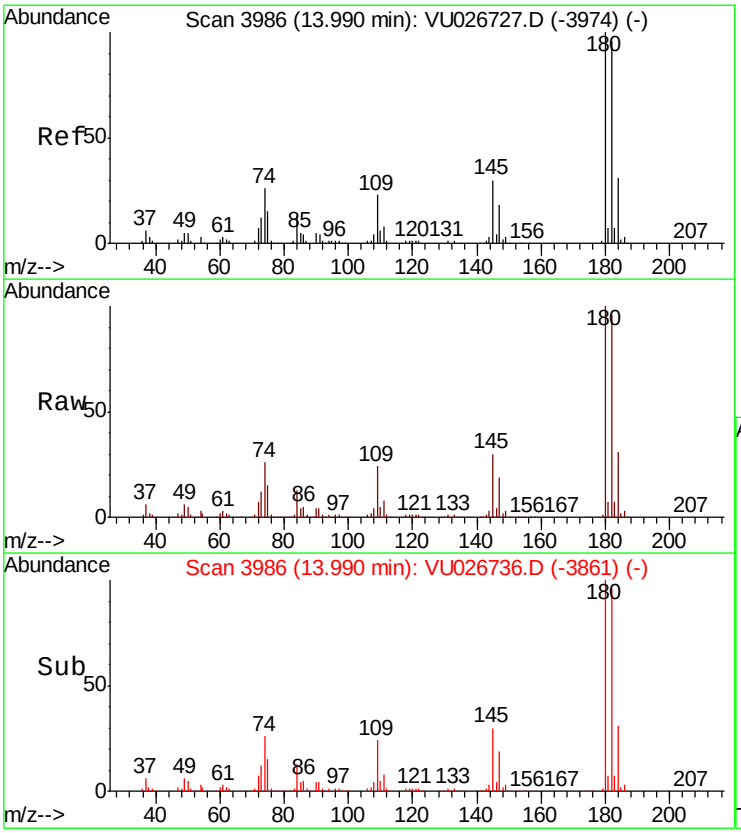
#69
Naphthalene
Concen: 2.784 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Instrument :
MSVOA_U
ClientSampleId :
C08L1

Tgt Ion:128 Resp: 19008

Ion	Ratio	Lower	Upper
128	100		
127	12.0	10.3	15.5
129	10.7	8.6	13.0





#70
1,2,3-Trichlorobenzene
Concen: 689.111 ug/L
RT: 13.99 min Scan# 3986
Delta R.T. 0.00 min
Lab File: VU026736.D
Acq: 13 Sep 2018 19:26

Tgt Ion:180 Resp: 1663066

Ion	Ratio	Lower	Upper
180	100		
182	96.1	76.7	115.1
145	30.0	23.0	34.6