Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026748.D
Acq On : 14 Sep 2018 00:05
Operator : MD/SY
Sample : J4893-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08J9

Quant Time: Sep 14 03:02:11 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	171029	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	159561	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68512	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57843	45.38	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.76%			
7) Chloroethane-d5	1.68	69	47545	46.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 92.58%			
11) 1,1-Dichloroethene-d2	2.27	63	80849	35.45	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.90%			
21) 2-Butanone-d5	4.18	46	81743	103.06	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.06%			
24) Chloroform-d	4.65	84	91161	43.02	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.04%			
26) 1,2-Dichloroethane-d4	5.31	65	63509	45.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.58%			
32) Benzene-d6	5.34	84	198199	47.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.98%			
36) 1,2-Dichloropropane-d6	6.33	67	66924	48.29	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.58%			
41) Toluene-d8	7.57	98	172957	44.64	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.28%			
43) trans-1,3-Dichloropropene-	7.85	79	28031	43.51	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.02%			
47) 2-Hexanone-d5	8.31	63	57045	100.89	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.89%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	87205	45.96	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 91.92%			
64) 1,2-Dichlorobenzene-d4	11.86	152	66165	48.44	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 96.88%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	789	0.751	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	682	0.676	ug/L #	1
13) Acetone	2.32	43	1471	1.628	ug/L	91
25) Chloroform	4.67	83	4954	2.378	ug/L	95
35) Methylcyclohexane	6.33	83	14535	8.176	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6975	5.588	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1684	0.912	ug/L #	69
44) trans-1,3-Dichloropropene	7.85	75	1051	0.612	ug/L	99
48) 2-Hexanone	8.31	43	6619	4.924	ug/L #	68
51) Chlorobenzene	9.12	112	6759	2.223	ug/L	99
59) 1,2,3-Trichloropropane	11.48	75	10198	6.905	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	7080	3.397	ug/L	97
65) 1,2-Dichlorobenzene	11.88	146	7726	3.716	ug/L	95
67) 1,3,5-Trichlorobenzene	13.51	180	2342	1.501	ug/L	87
68) 1,2,4-trichlorobenzene	13.51	180	2342	1.727	ug/L	85

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026748.D
Acq On : 14 Sep 2018 00:05
Operator : MD/SY
Sample : J4893-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Quant Time: Sep 14 03:02:11 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)

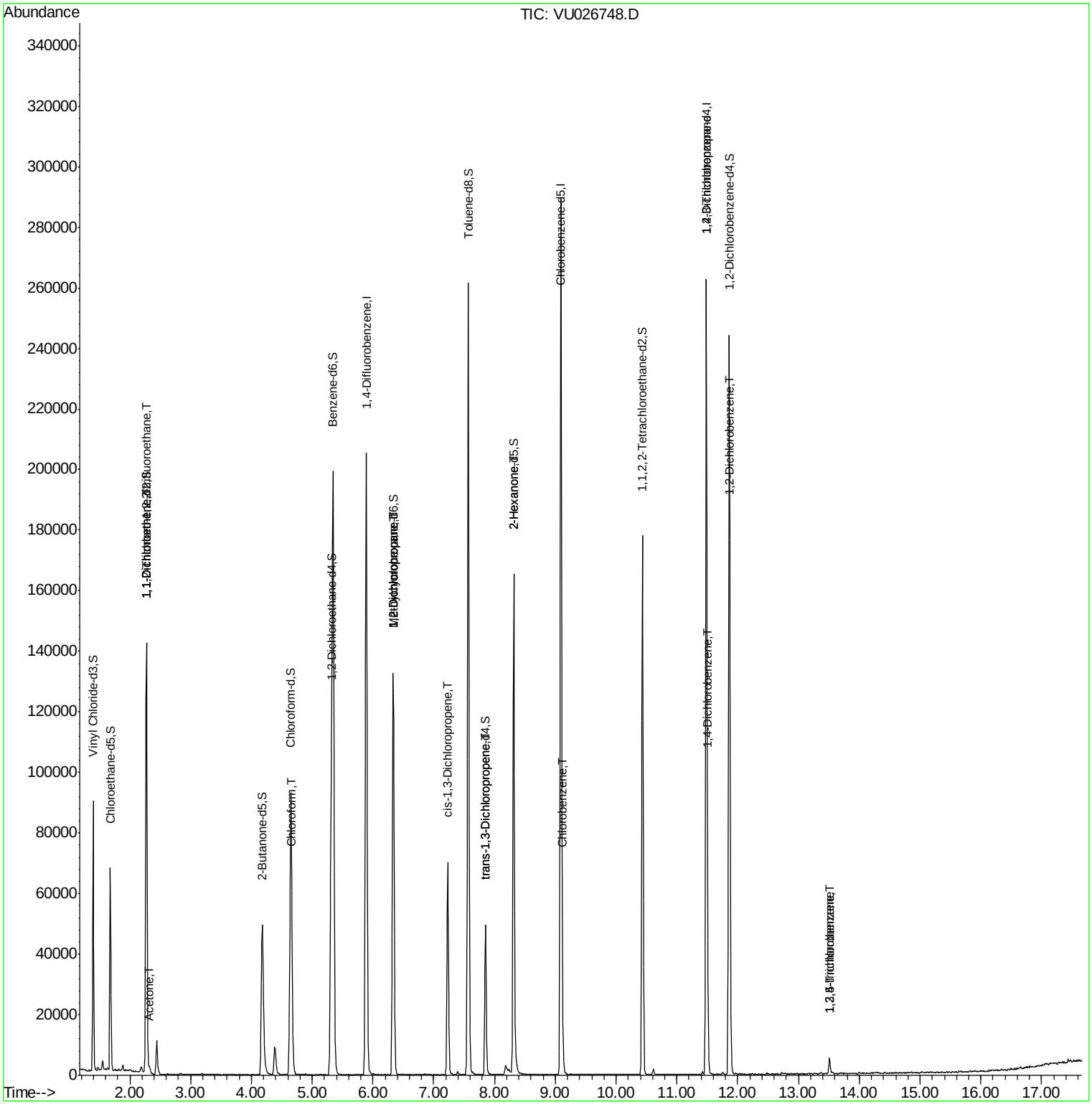
(#) = qualifier out of range (m) = manual integration (+) = signals summed

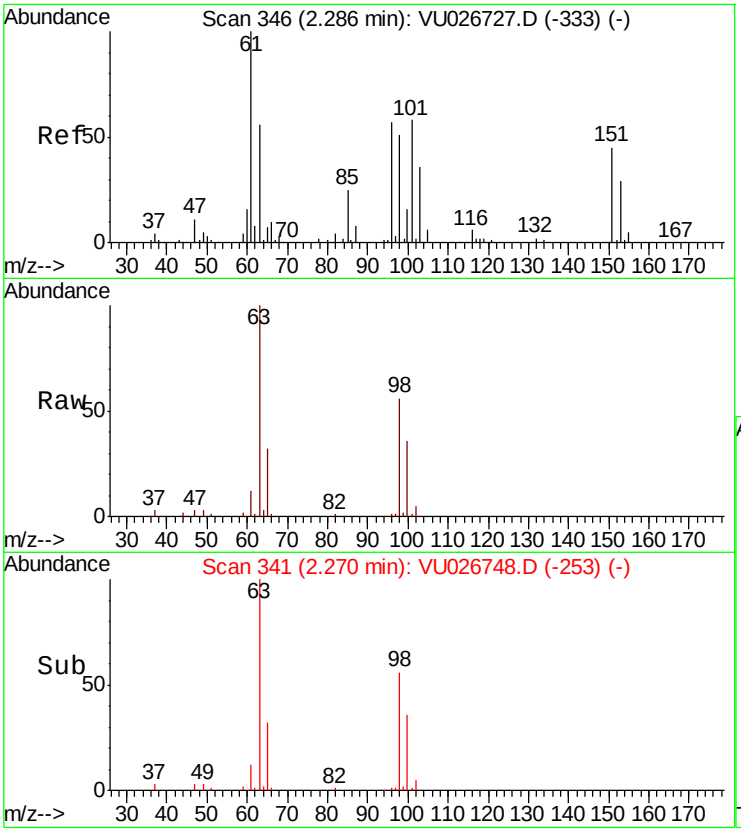
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026748.D
Acq On : 14 Sep 2018 00:05
Operator : MD/SY
Sample : J4893-19
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08J9

Quant Time: Sep 14 03:02:11 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



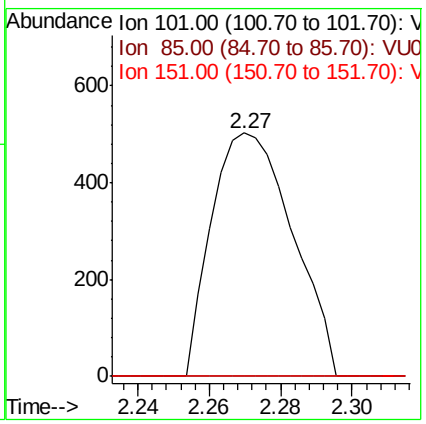


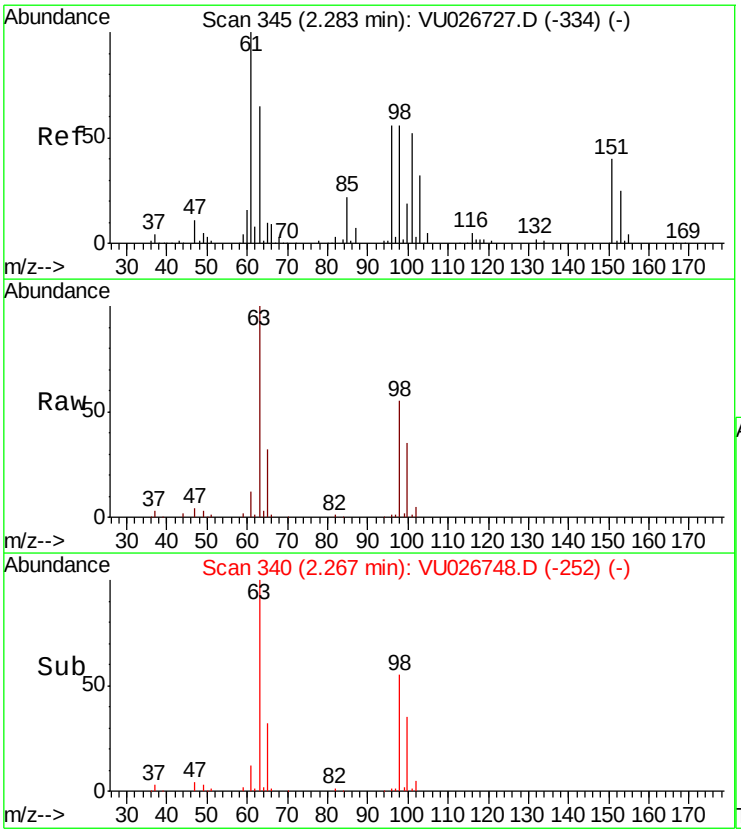
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.751 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Tgt Ion:101 Resp: 789

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

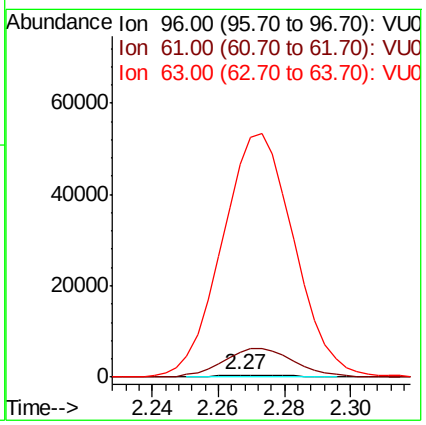


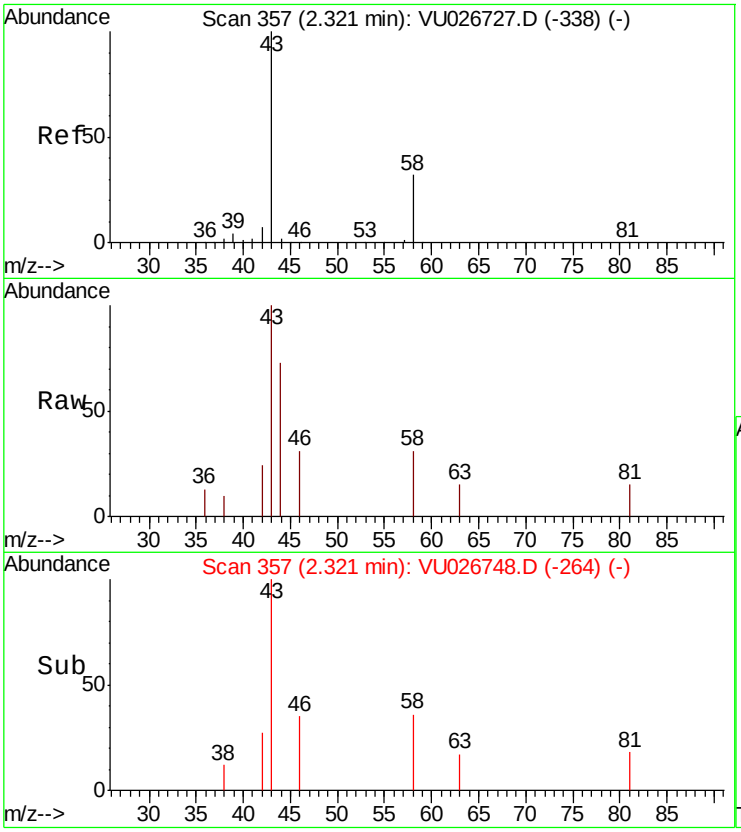


#12
1,1-Dichloroethene
Concen: 0.676 ug/L
RT: 2.27 min Scan# 340
Delta R.T. -0.02 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion: 96 Resp: 682

Ion	Ratio	Lower	Upper
96	100		
61	1228.6	121.0	224.8#
63	10614.5	89.9	166.9#



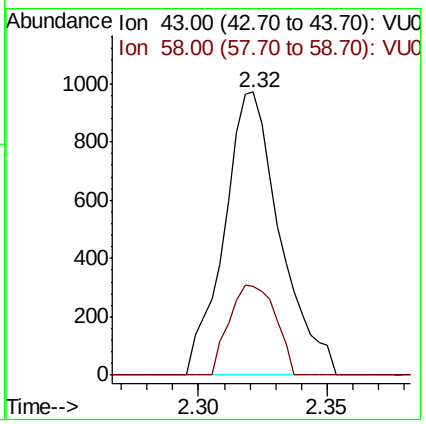


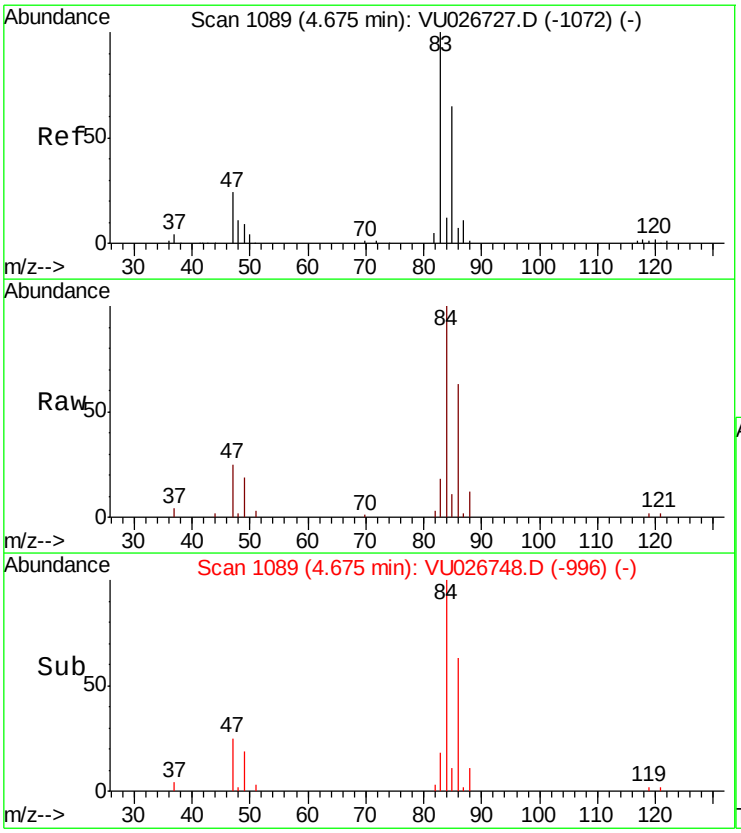
#13
Acetone
Concen: 1.628 ug/L
RT: 2.32 min Scan# 357
Delta R.T. -0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument : MSVOA_U
ClientSampleId : C08J9

Tgt Ion: 43 Resp: 1471

Ion	Ratio	Lower	Upper
43	100		
58	26.3	0.0	62.8

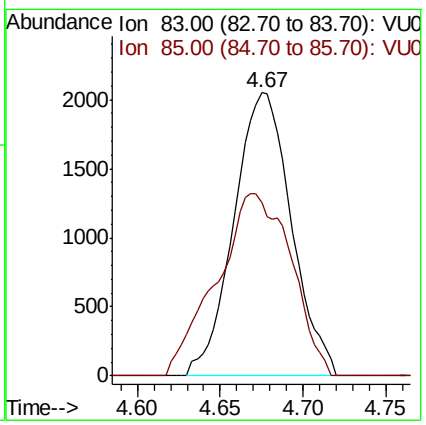


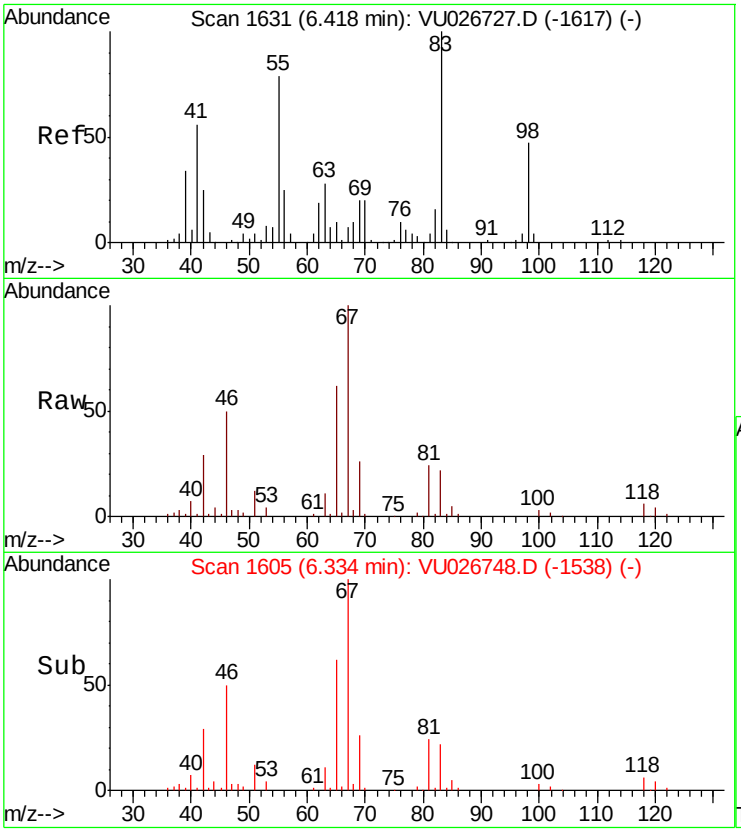


#25
Chloroform
Concen: 2.378 ug/L
RT: 4.67 min Scan# 1089
Delta R.T. -0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion: 83 Resp: 4954

Ion	Ratio	Lower	Upper
83	100		
85	61.2	45.6	84.6



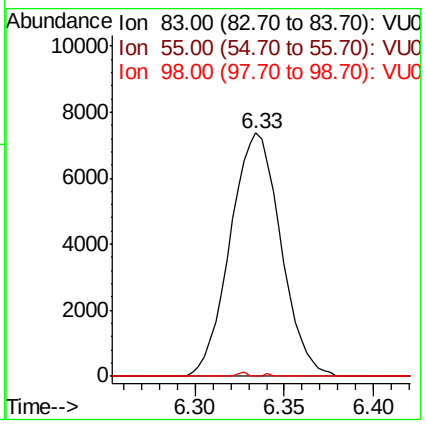


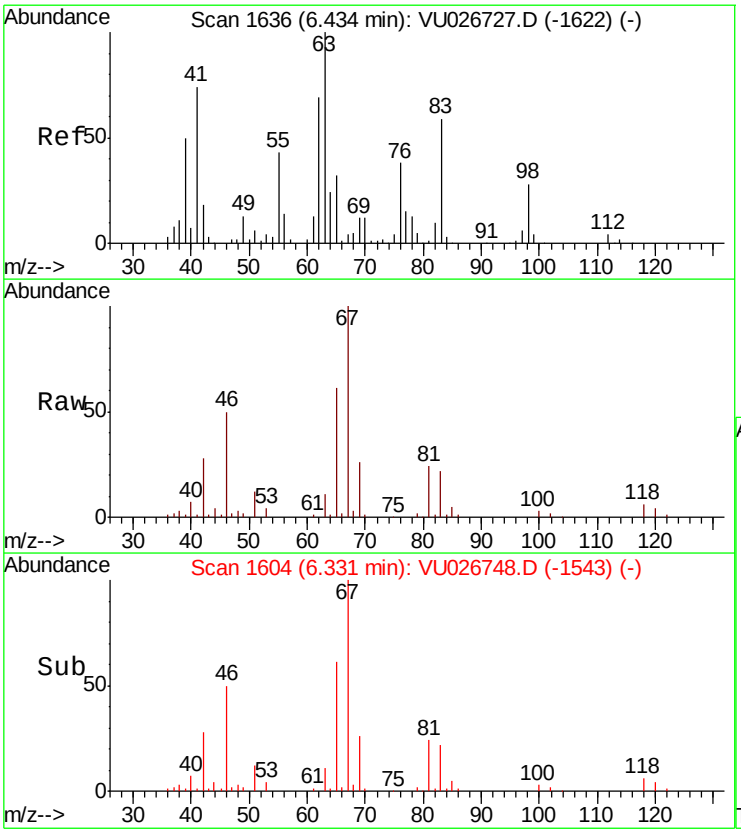
#35
Methylcyclohexane
Concen: 8.176 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument : MSVOA_U
ClientSampleId : C08J9

Tgt Ion: 83 Resp: 14535

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.3	37.0	55.4#

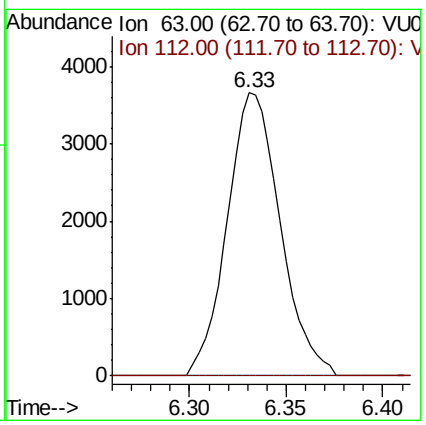


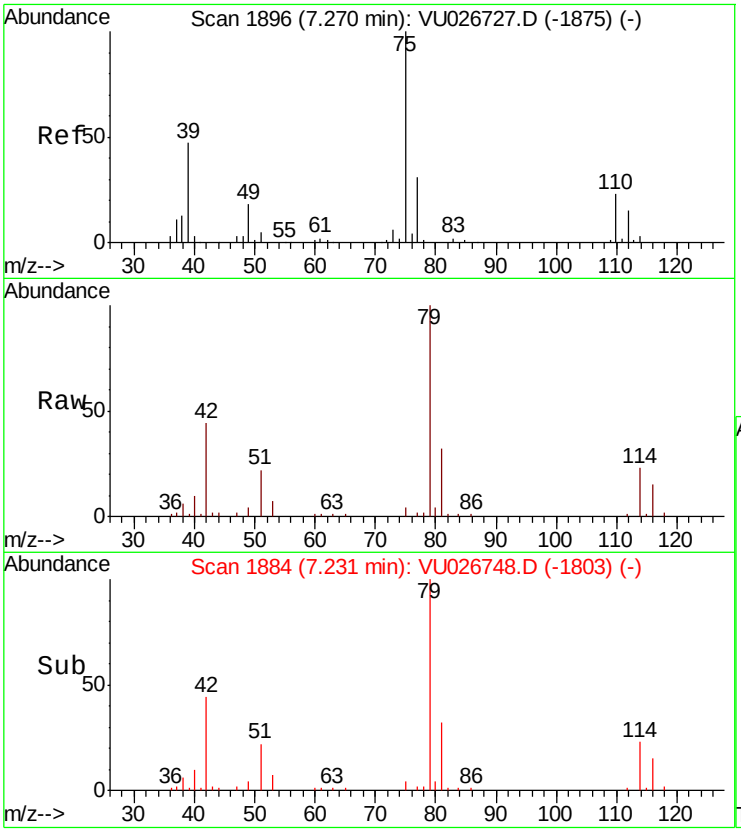


#37
1,2-Dichloropropane
Concen: 5.588 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion: 63 Resp: 6975

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



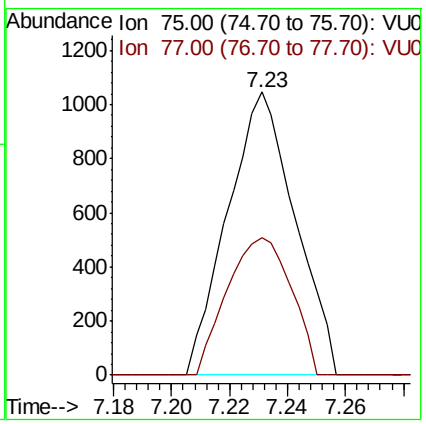


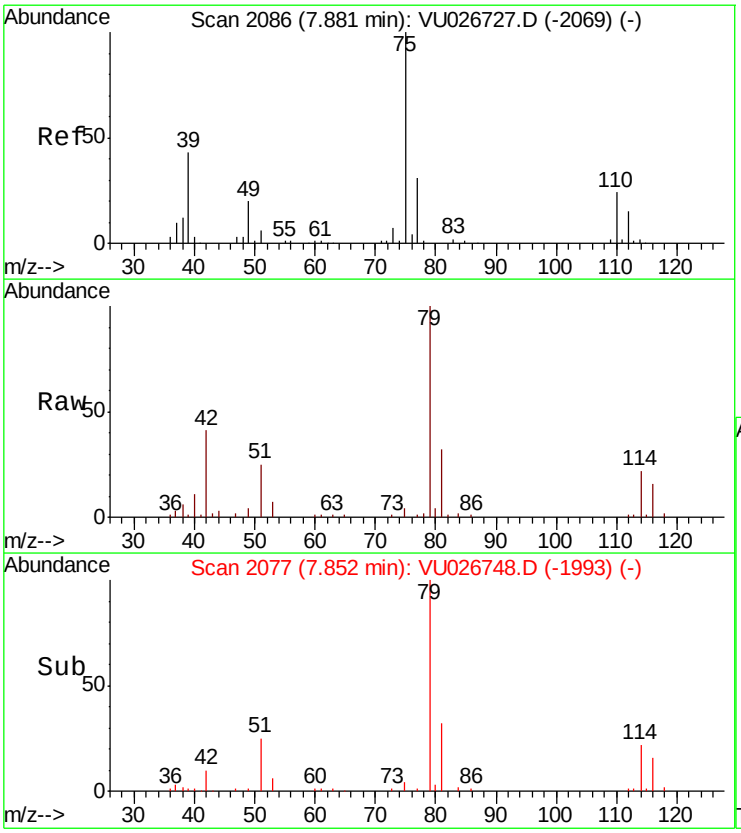
#39
cis-1,3-Dichloropropene
Concen: 0.912 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Tgt Ion: 75 Resp: 1684

Ion	Ratio	Lower	Upper
75	100		
77	48.8	22.3	41.3#

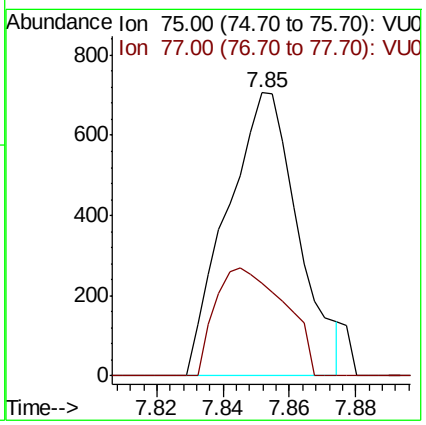


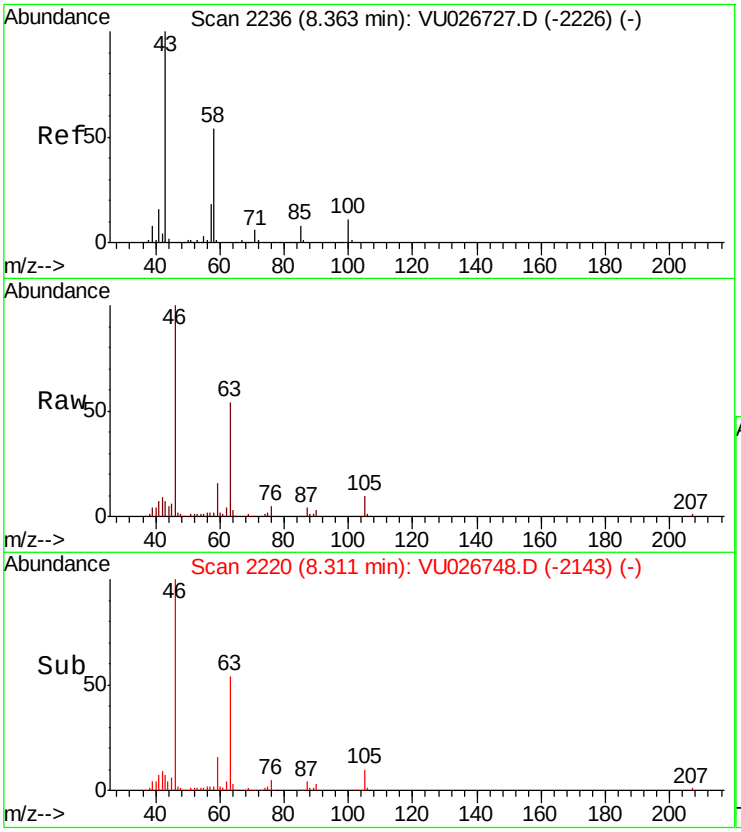


#44
trans-1,3-Dichloropropene
Concen: 0.612 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion: 75 Resp: 1051

Ion	Ratio	Lower	Upper
75	100		
77	32.6	22.4	41.6



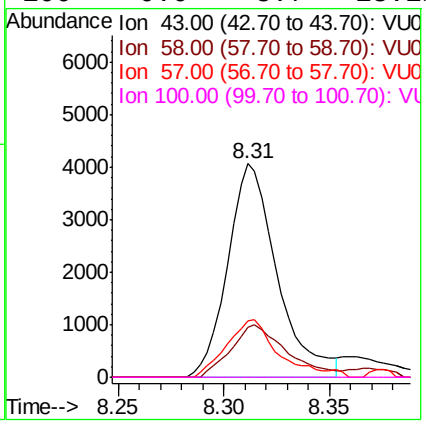


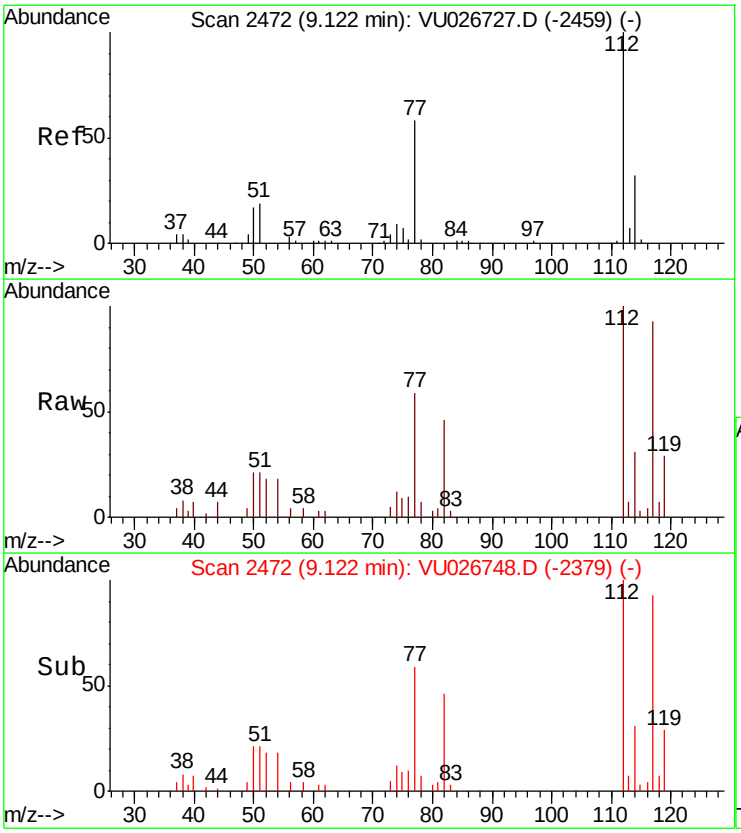
#48
2-Hexanone
Concen: 4.924 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument : MSVOA_U
ClientSampleId : C08J9

Tgt Ion: 43 Resp: 6619

Ion	Ratio	Lower	Upper
43	100		
58	27.4	42.2	63.4#
57	27.3	14.4	21.6#
100	0.0	8.7	13.1#

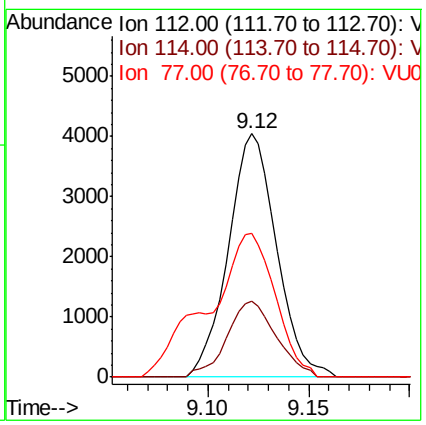


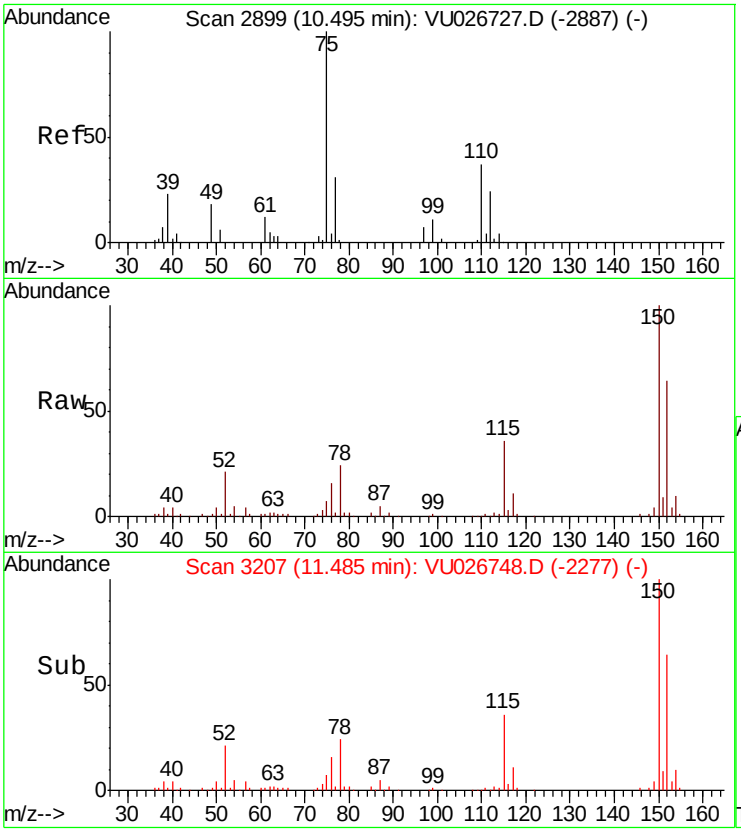


#51
Chlorobenzene
Concen: 2.223 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion:112 Resp: 6759

Ion	Ratio	Lower	Upper
112	100		
114	31.2	22.9	42.5
77	58.8	47.2	70.8



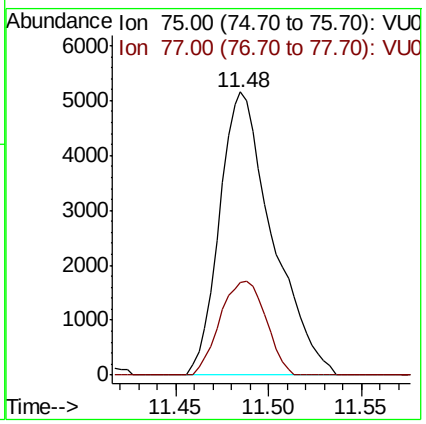


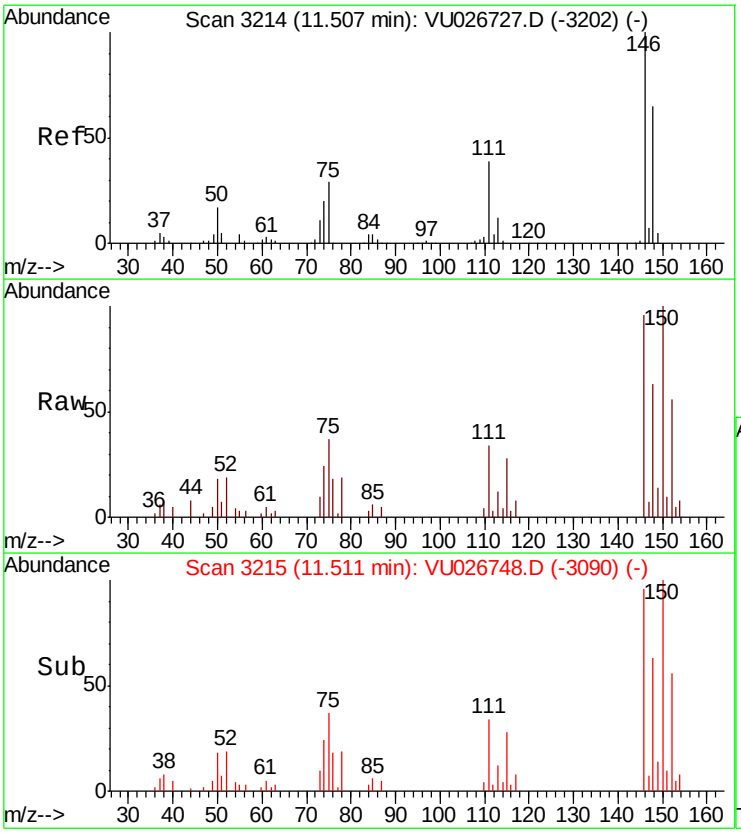
#59
1,2,3-Trichloropropane
Concen: 6.905 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument : MSVOA_U
ClientSampleId : C08J9

Tgt Ion: 75 Resp: 10198

Ion	Ratio	Lower	Upper
75	100		
77	28.7	25.8	38.6

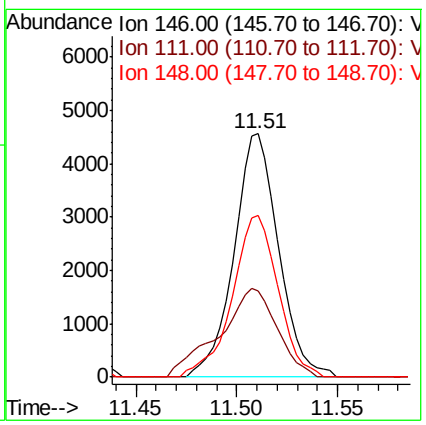


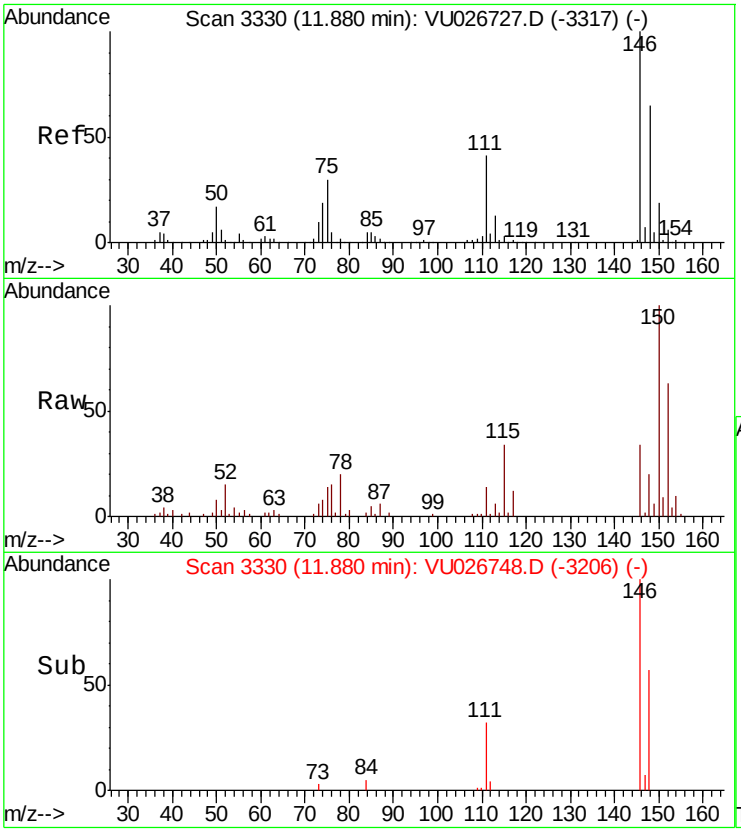


#63
1,4-Dichlorobenzene
Concen: 3.397 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion:146 Resp: 7080

Ion	Ratio	Lower	Upper
146	100		
111	35.6	26.5	49.3
148	66.4	45.2	84.0



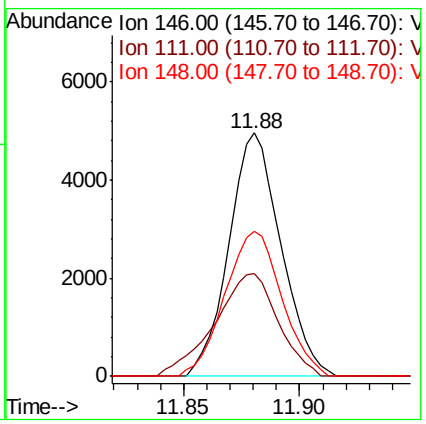


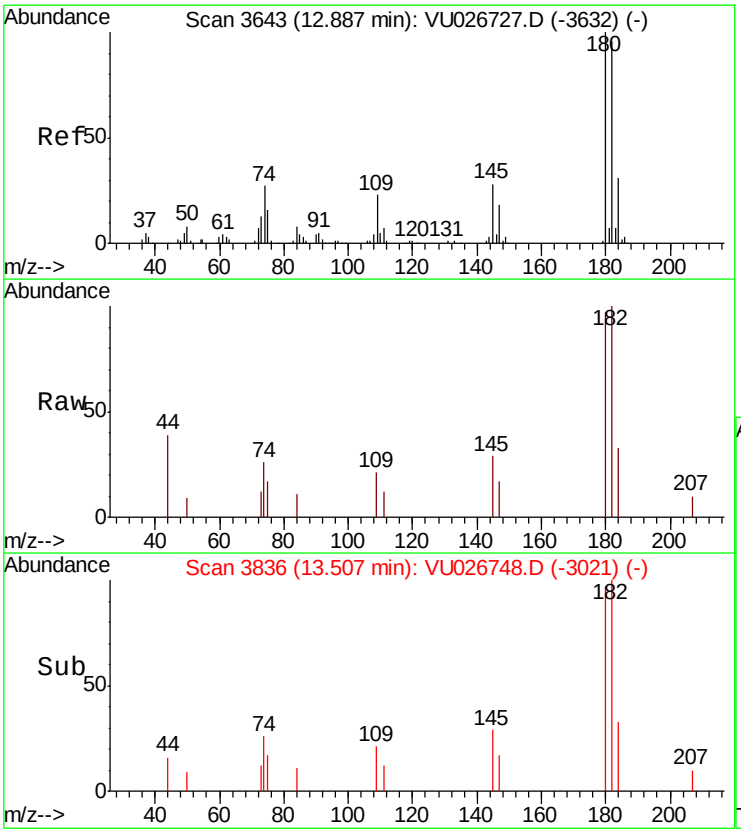
#65
1,2-Dichlorobenzene
Concen: 3.716 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Tgt Ion:146 Resp: 7726

Ion	Ratio	Lower	Upper
146	100		
111	42.2	32.8	49.2
148	59.5	52.2	78.4

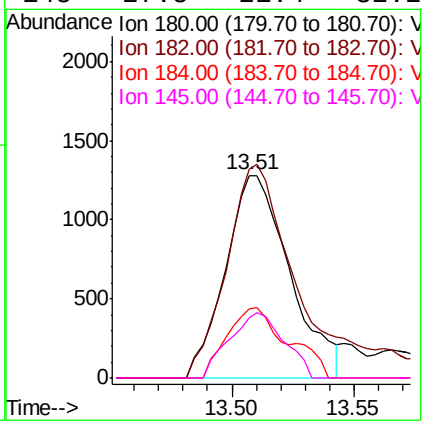


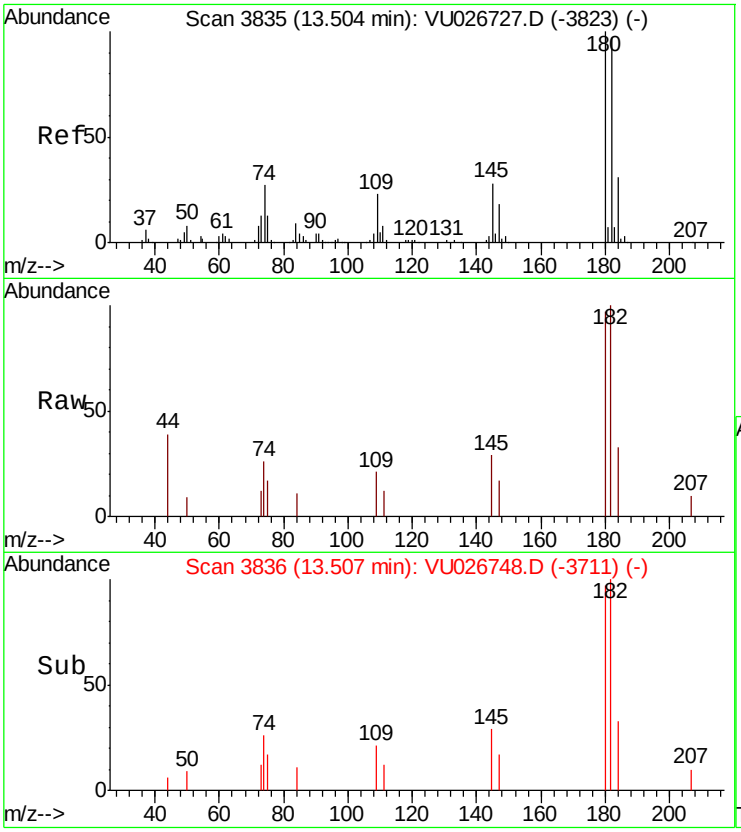


#67
1,3,5-Trichlorobenzene
Concen: 1.501 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Tgt Ion:180 Resp: 2342

Ion	Ratio	Lower	Upper
180	100		
182	113.3	76.8	115.2
184	26.8	24.2	36.2
145	27.5	21.4	32.2





#68
1,2,4-trichlorobenzene
Concen: 1.727 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026748.D
Acq: 14 Sep 2018 00:05

Instrument :
MSVOA_U
ClientSampleId :
C08J9

Tgt Ion:180 Resp: 2342

Ion	Ratio	Lower	Upper
180	100		
182	113.3	76.0	114.0
145	27.5	23.4	35.0