Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026745.D
Acq On : 13 Sep 2018 22:55
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

Quant Time: Sep 14 03:01:50 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	175241	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	157756	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	68803	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	57599	44.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.22%			
7) Chloroethane-d5	1.68	69	47610	45.24	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 90.48%			
11) 1,1-Dichloroethene-d2	2.27	63	81129	34.71	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.42%			
21) 2-Butanone-d5	4.18	46	82619	101.66	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 101.66%			
24) Chloroform-d	4.65	84	93447	43.04	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 86.08%			
26) 1,2-Dichloroethane-d4	5.31	65	63809	44.90	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 89.80%			
32) Benzene-d6	5.34	84	197498	48.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.74%			
36) 1,2-Dichloropropane-d6	6.33	67	66131	48.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 96.54%			
41) Toluene-d8	7.57	98	175906	45.92	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 91.84%			
43) trans-1,3-Dichloropropene-	7.85	79	28587	44.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 89.76%			
47) 2-Hexanone-d5	8.31	63	56371	100.84	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 100.84%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86957	46.35	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.70%			
64) 1,2-Dichlorobenzene-d4	11.86	152	65149	47.50	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.00%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	647	0.601	ug/L #	18
12) 1,1-Dichloroethene	2.28	96	592	0.573	ug/L #	1
13) Acetone	2.32	43	2011	2.173	ug/L	92
25) Chloroform	4.68	83	3334	1.562	ug/L	98
35) Methylcyclohexane	6.33	83	14963	8.513	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6769	5.485	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1704	0.933	ug/L #	54
44) trans-1,3-Dichloropropene	7.85	75	1010	0.594	ug/L #	54
51) Chlorobenzene	9.12	112	12612	4.195	ug/L	98
59) 1,2,3-Trichloropropane	11.48	75	11482	7.863	ug/L	89
62) 1,3-Dichlorobenzene	11.42	146	1192	0.603	ug/L	94
63) 1,4-Dichlorobenzene	11.51	146	11645	5.564	ug/L	96
65) 1,2-Dichlorobenzene	11.88	146	18260	8.746	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	7212	4.602	ug/L	95
68) 1,2,4-trichlorobenzene	13.51	180	7212	5.295	ug/L	95
70) 1,2,3-Trichlorobenzene	13.99	180	1144	0.775	ug/L #	86

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026745.D
Acq On : 13 Sep 2018 22:55
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Quant Time: Sep 14 03:01:50 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)

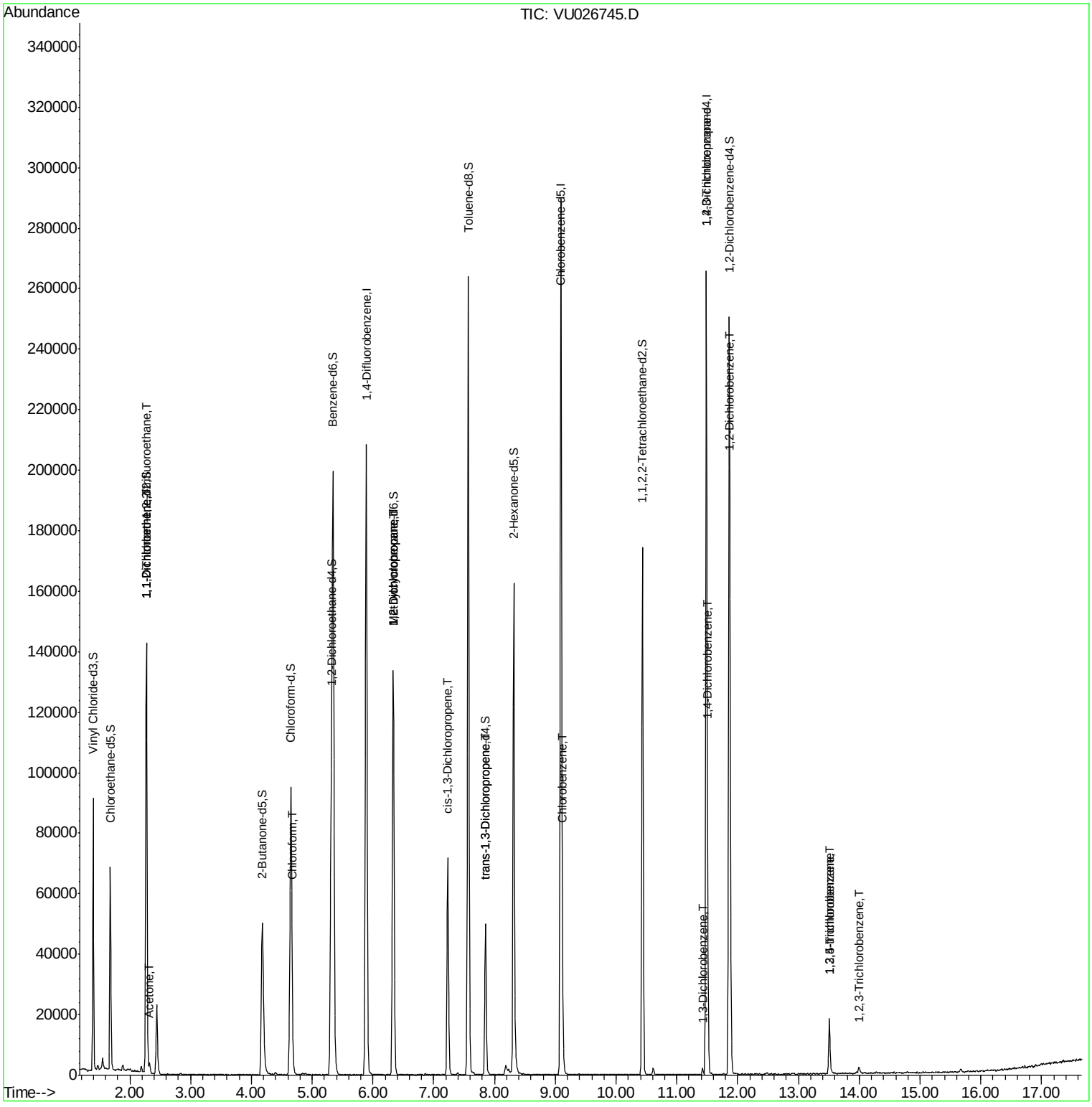
(#) = qualifier out of range (m) = manual integration (+) = signals summed

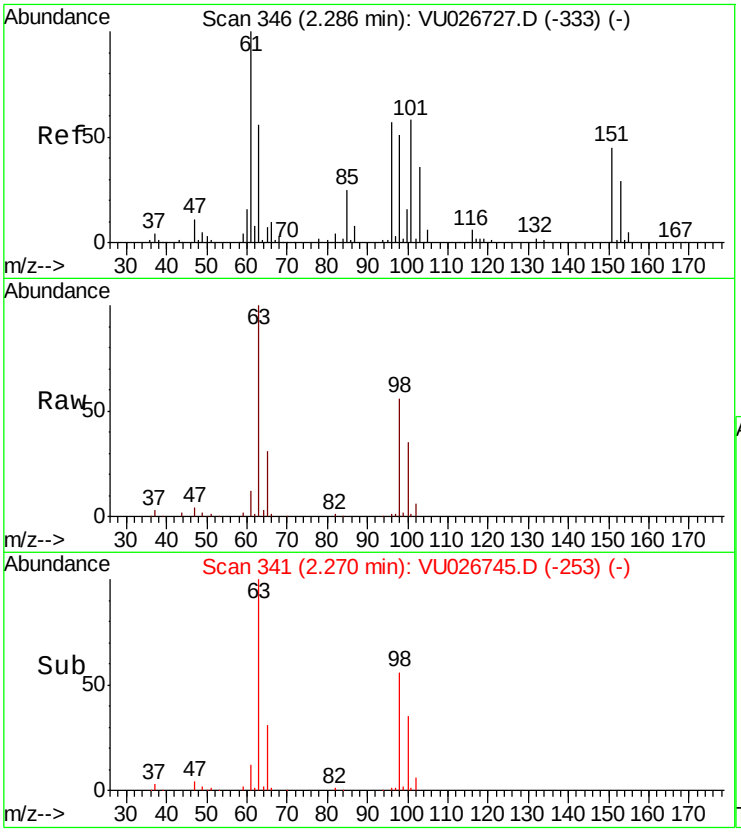
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\
Data File : VU026745.D
Acq On : 13 Sep 2018 22:55
Operator : MD/SY
Sample : J4893-15
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 20 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08R9

Quant Time: Sep 14 03:01:50 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



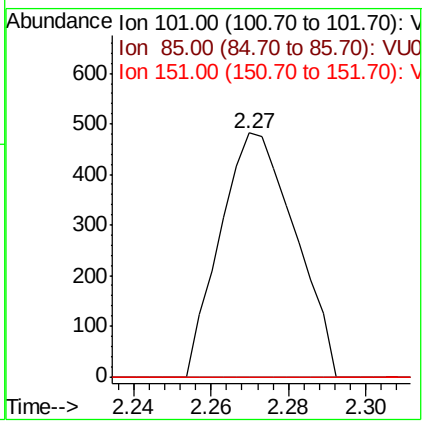


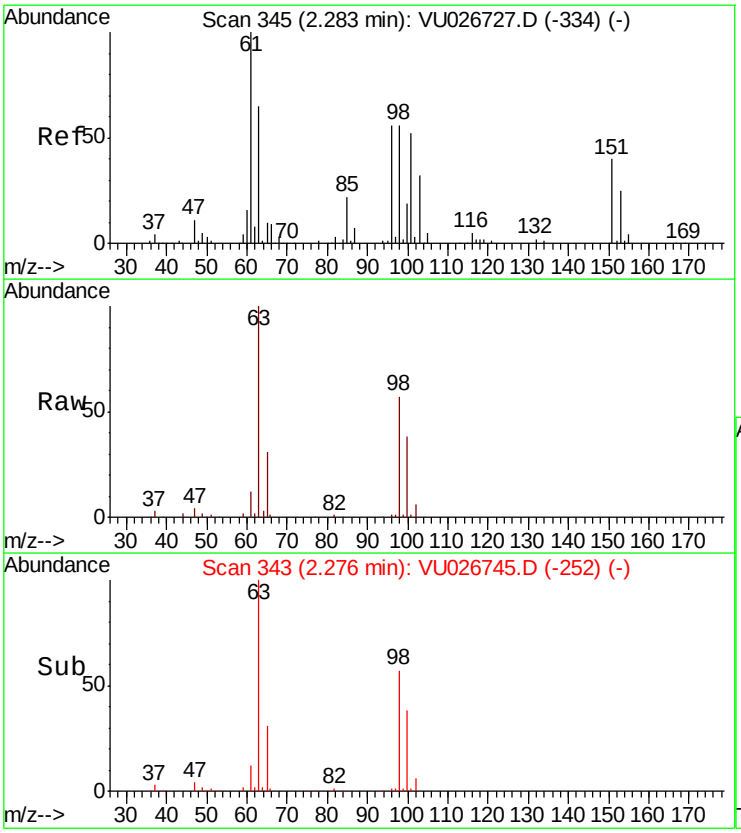
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.601 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.02 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion:101 Resp: 647

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

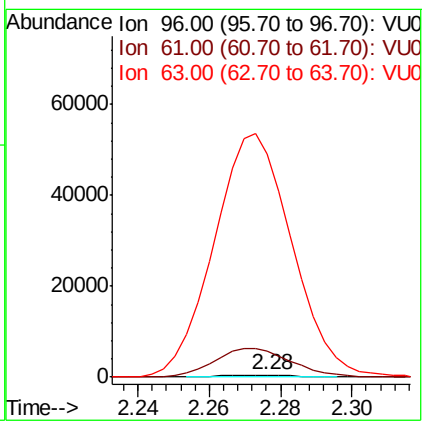


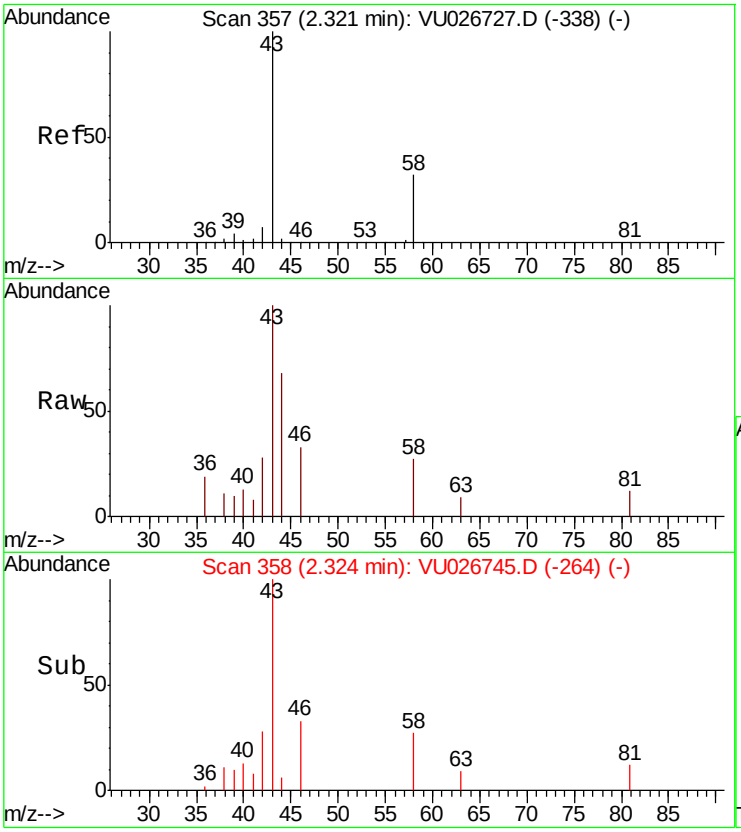


#12
1,1-Dichloroethene
Concen: 0.573 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion: 96 Resp: 592

Ion	Ratio	Lower	Upper
96	100		
61	1375.1	121.0	224.8#
63	11905.1	89.9	166.9#



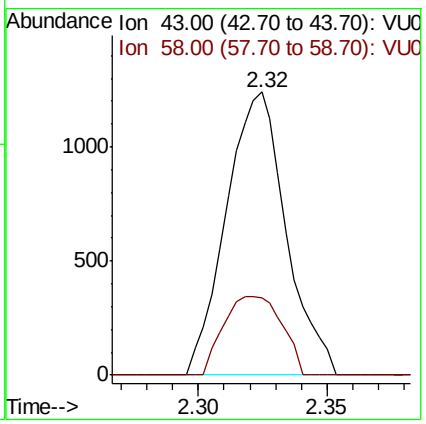


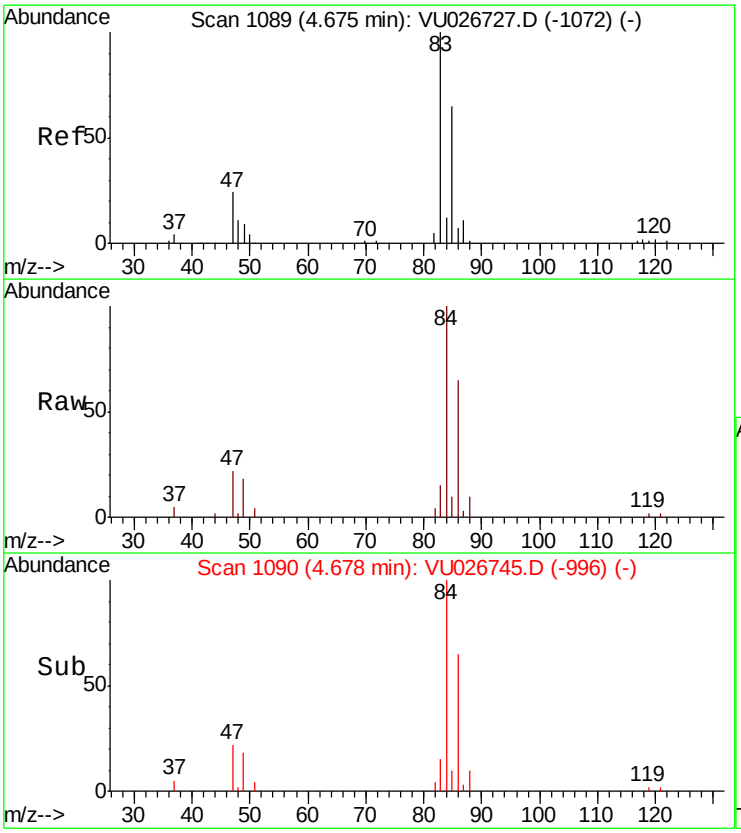
#13
Acetone
Concen: 2.173 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion: 43 Resp: 2011

Ion	Ratio	Lower	Upper
43	100		
58	27.1	0.0	62.8

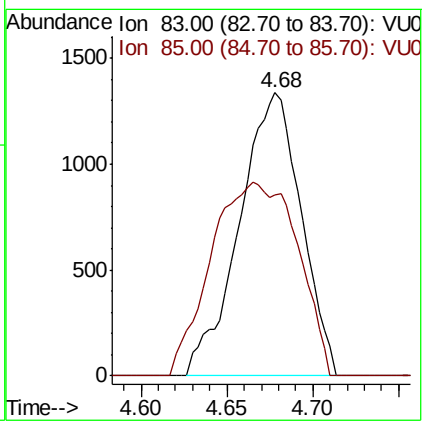


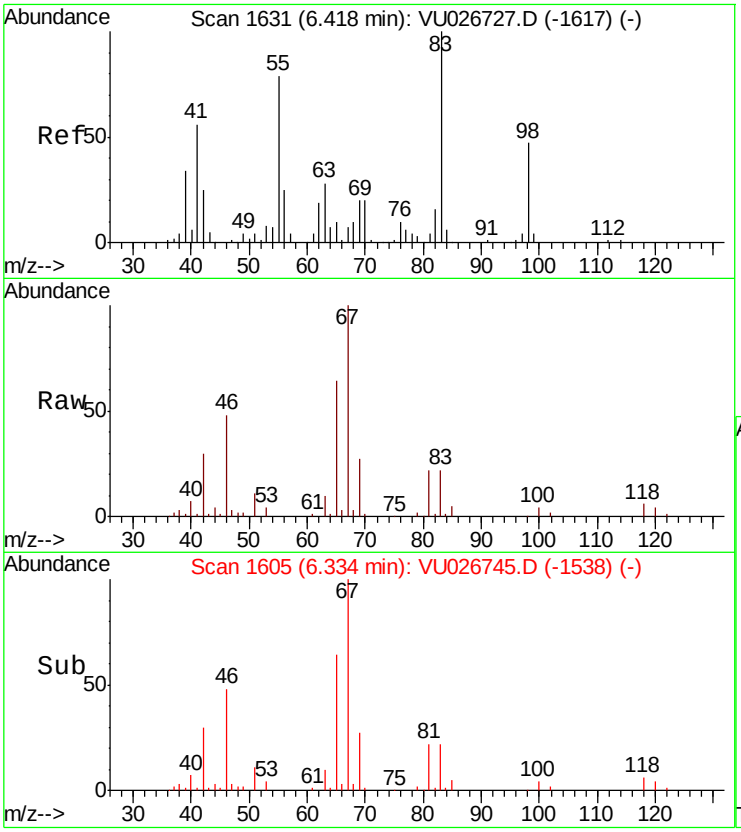


#25
Chloroform
Concen: 1.562 ug/L
RT: 4.68 min Scan# 1090
Delta R.T. 0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion: 83 Resp: 3334

Ion	Ratio	Lower	Upper
83	100		
85	63.9	45.6	84.6



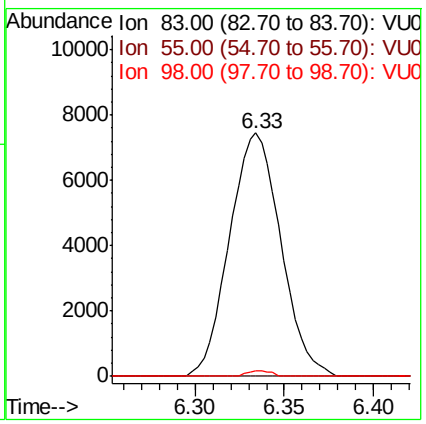


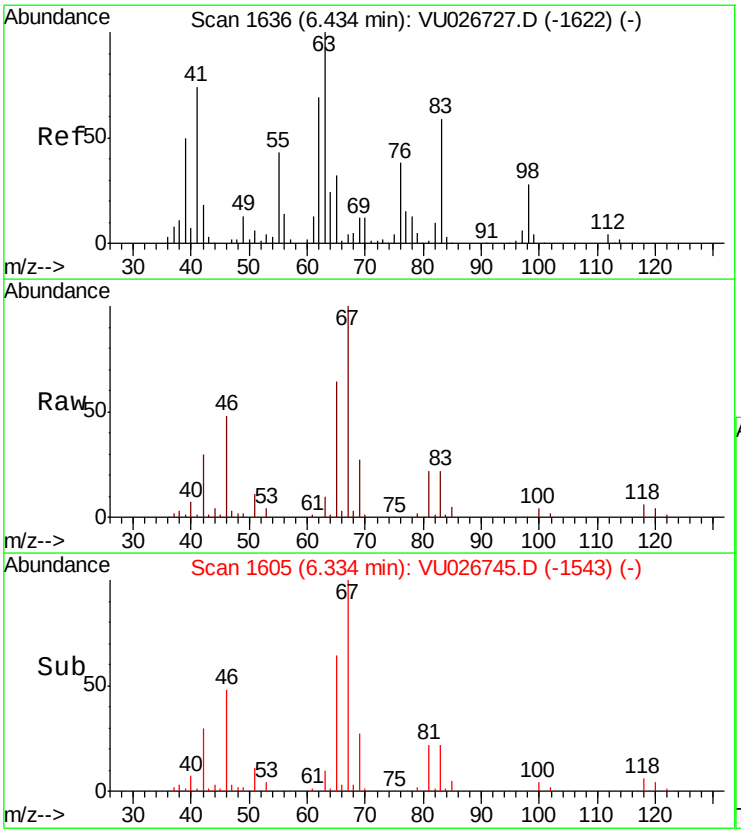
#35
Methylcyclohexane
Concen: 8.513 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument : MSVOA_U
ClientSampleId : C08R9

Tgt Ion: 83 Resp: 14963

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	1.0	37.0	55.4#

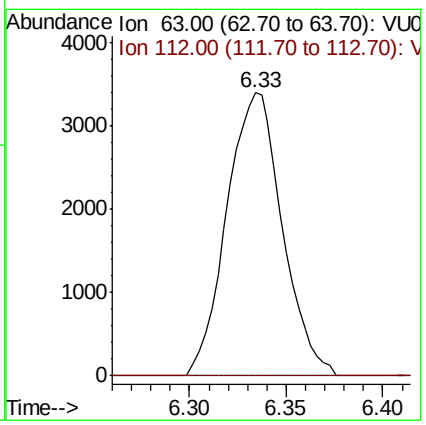


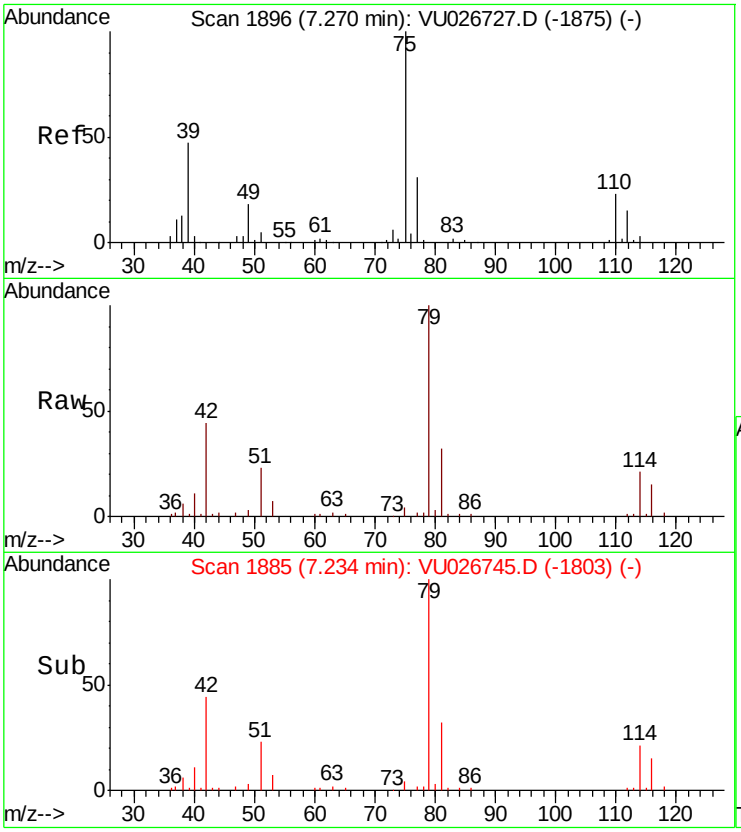


#37
1,2-Dichloropropane
Concen: 5.485 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion: 63 Resp: 6769

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



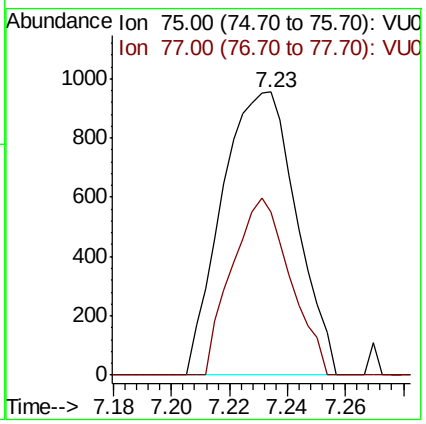


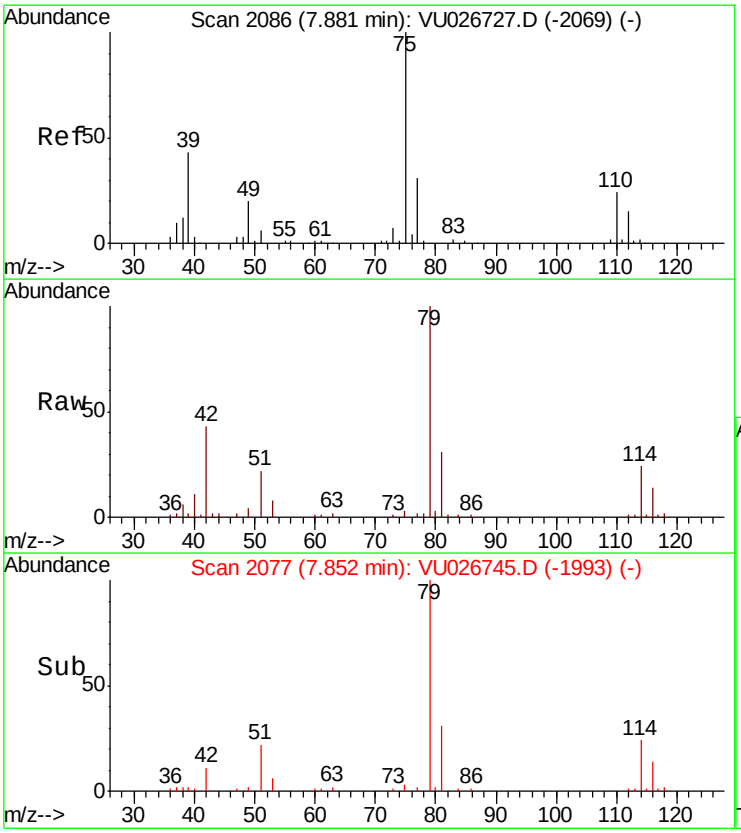
#39
cis-1,3-Dichloropropene
Concen: 0.933 ug/L
RT: 7.23 min Scan# 1885
Delta R.T. -0.04 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion: 75 Resp: 1704

Ion	Ratio	Lower	Upper
75	100		
77	57.6	22.3	41.3#

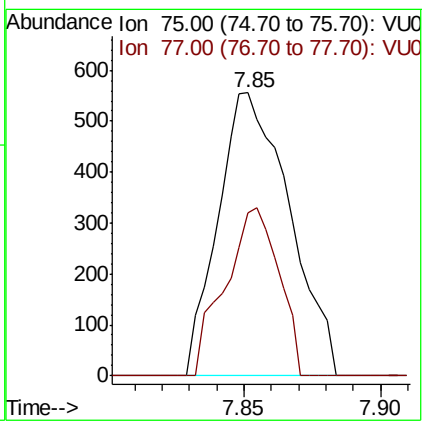


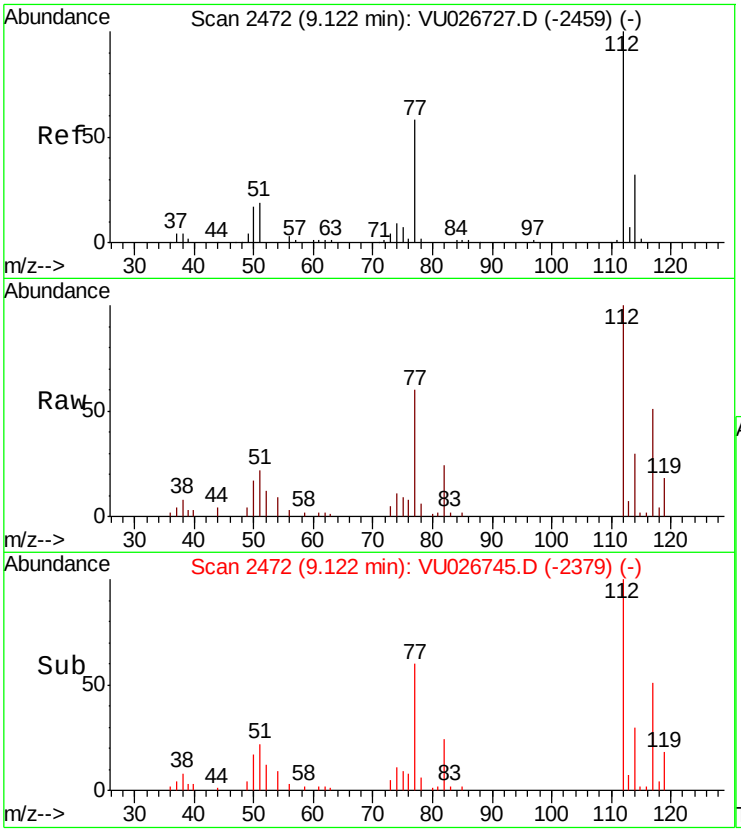


#44
trans-1,3-Dichloropropene
Concen: 0.594 ug/L
RT: 7.85 min Scan# 2077
Delta R.T. -0.03 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion: 75 Resp: 1010

Ion	Ratio	Lower	Upper
75	100		
77	57.7	22.4	41.6#



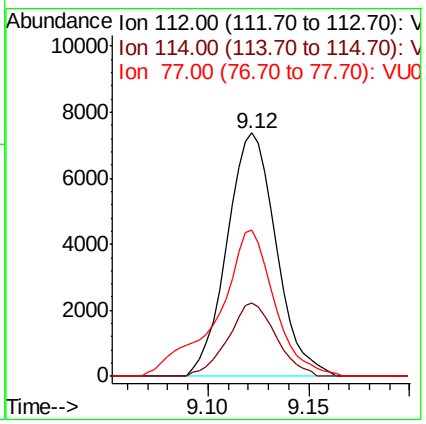


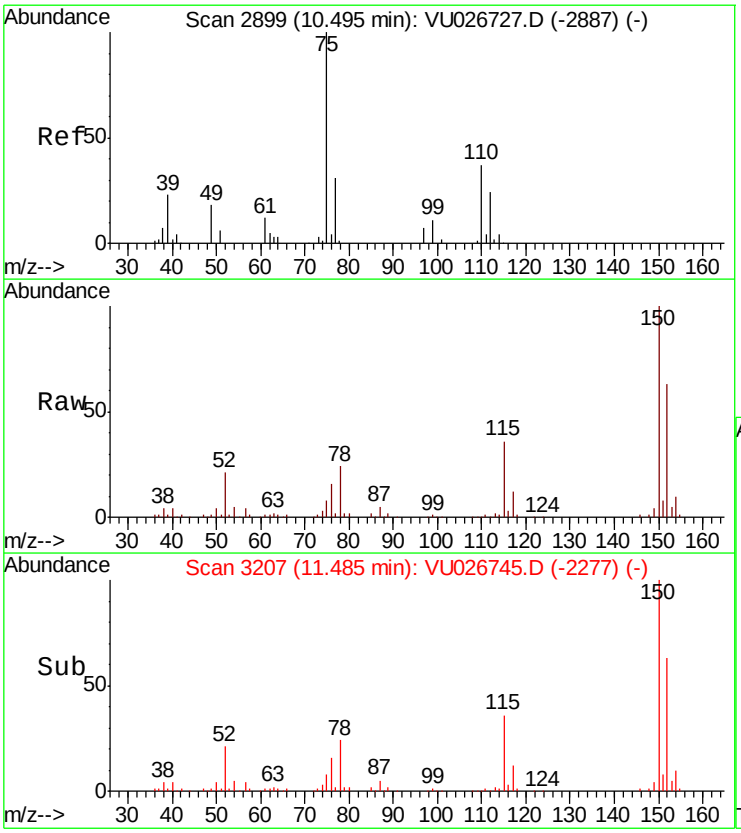
#51
Chlorobenzene
Concen: 4.195 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. -0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion:112 Resp: 12612

Ion	Ratio	Lower	Upper
112	100		
114	30.4	22.9	42.5
77	60.1	47.2	70.8

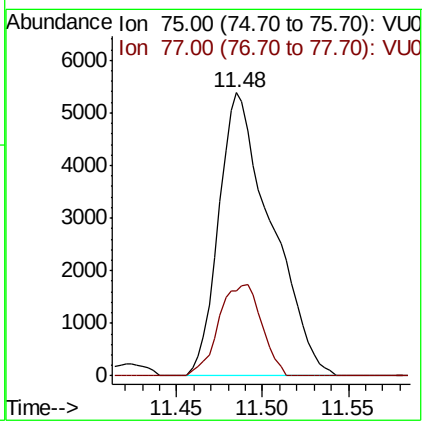


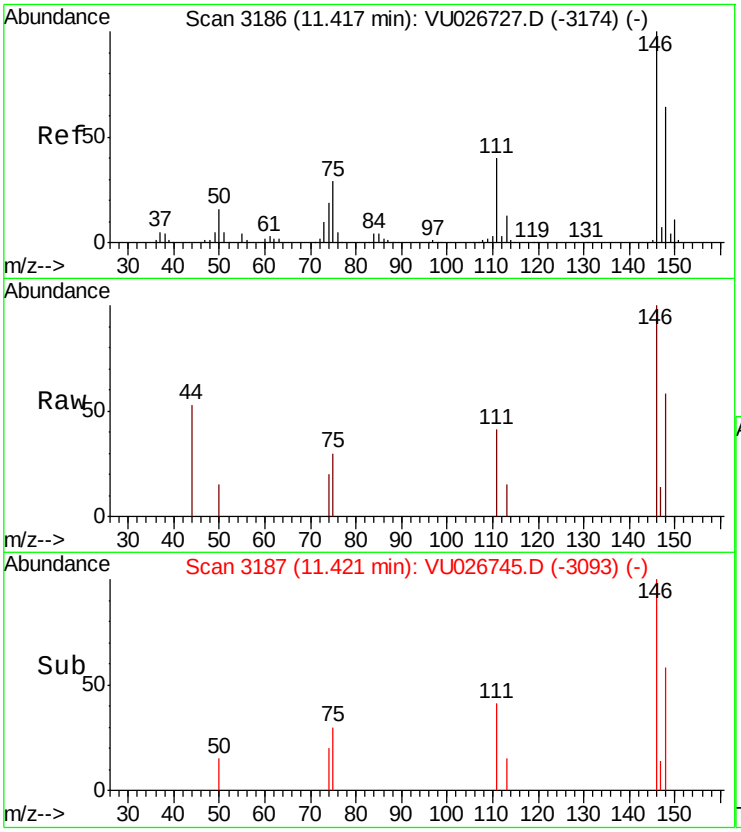


#59
1,2,3-Trichloropropane
Concen: 7.863 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion: 75 Resp: 11482

Ion	Ratio	Lower	Upper
75	100		
77	26.3	25.8	38.6



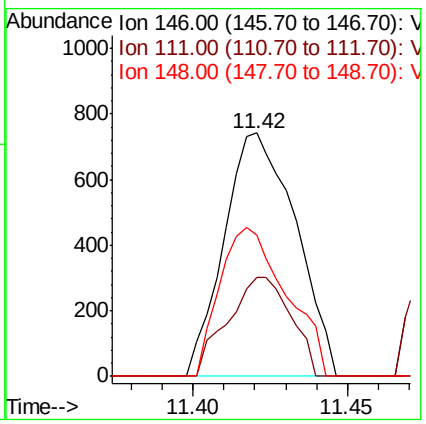


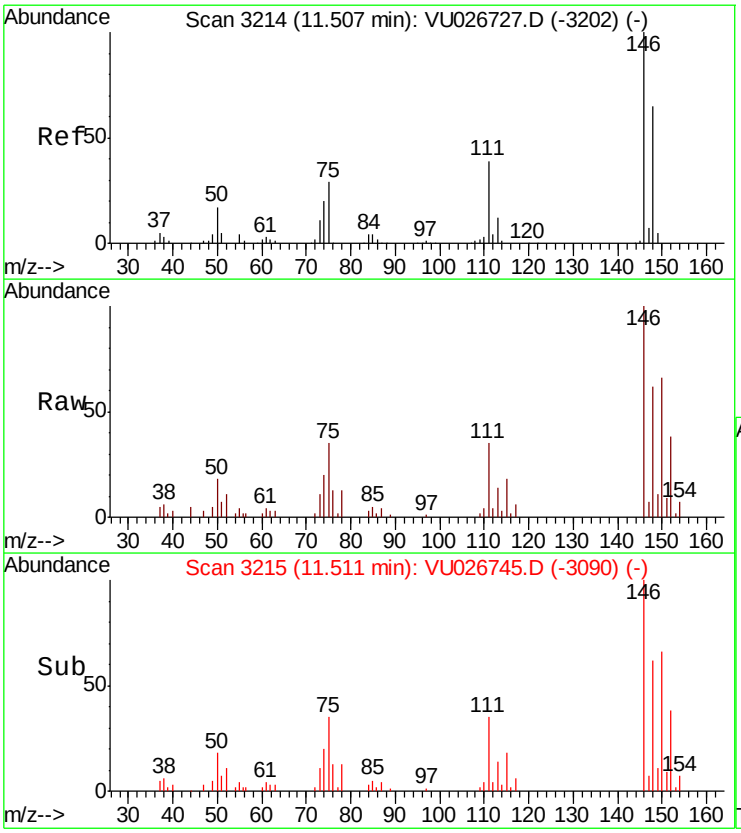
#62
1,3-Dichlorobenzene
Concen: 0.603 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion:146 Resp: 1192

Ion	Ratio	Lower	Upper
146	100		
111	40.6	26.7	49.5
148	57.8	44.2	82.2

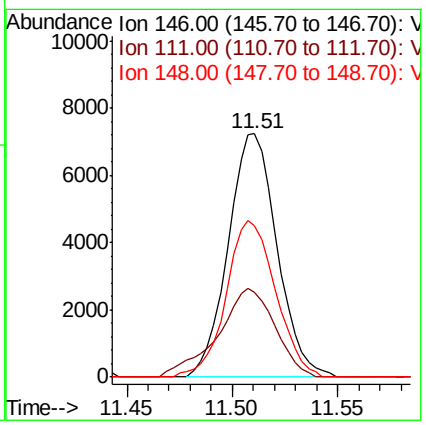


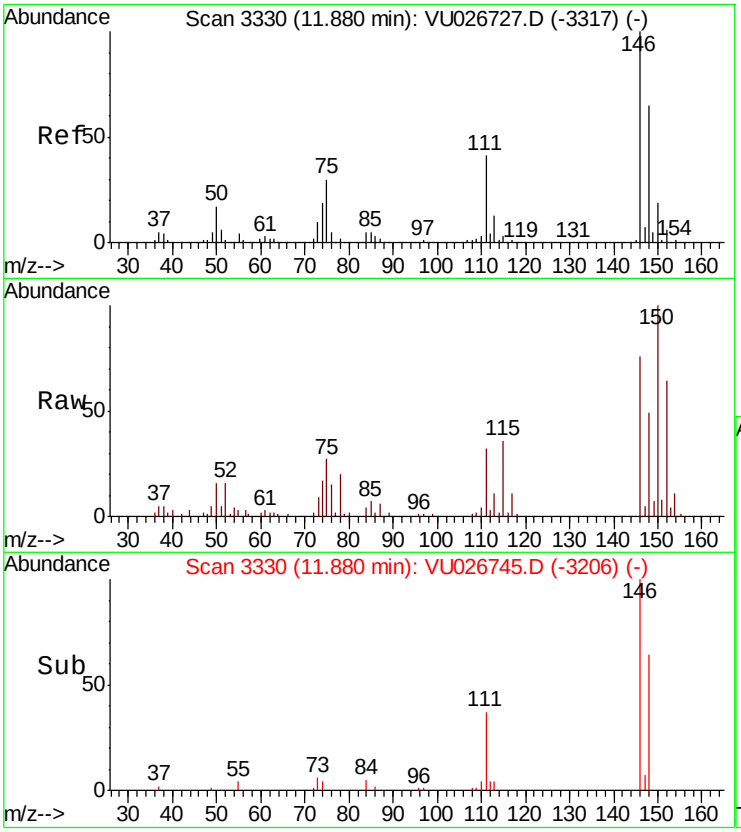


#63
1,4-Dichlorobenzene
Concen: 5.564 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion:146 Resp: 11645

Ion	Ratio	Lower	Upper
146	100		
111	34.8	26.5	49.3
148	62.5	45.2	84.0



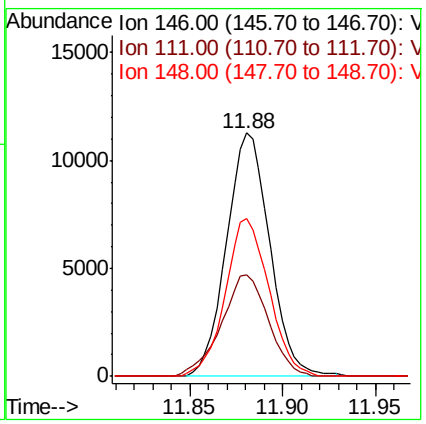


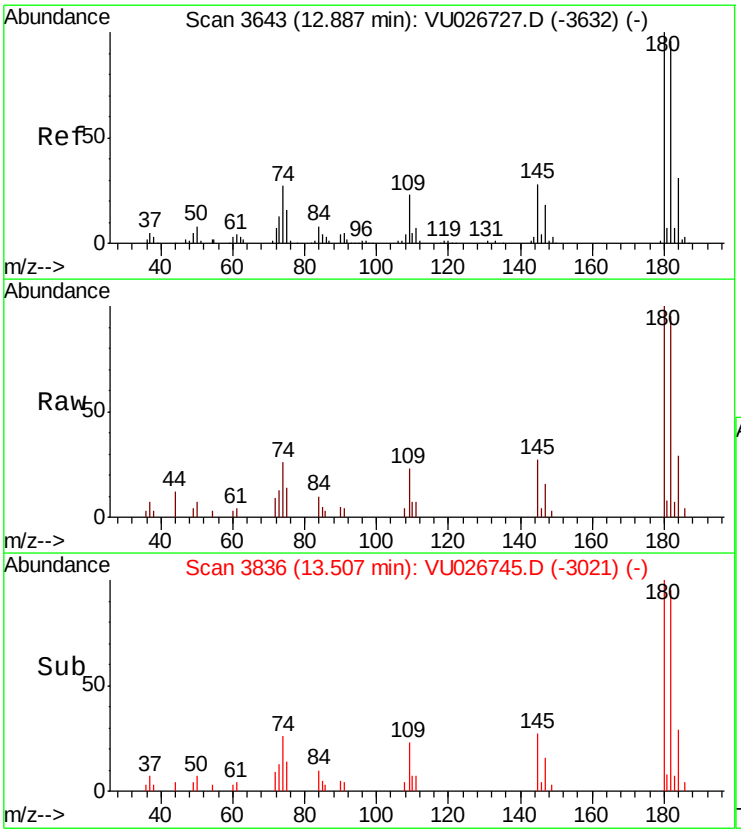
#65
1,2-Dichlorobenzene
Concen: 8.746 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. -0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion:146 Resp: 18260

Ion	Ratio	Lower	Upper
146	100		
111	41.6	32.8	49.2
148	64.7	52.2	78.4

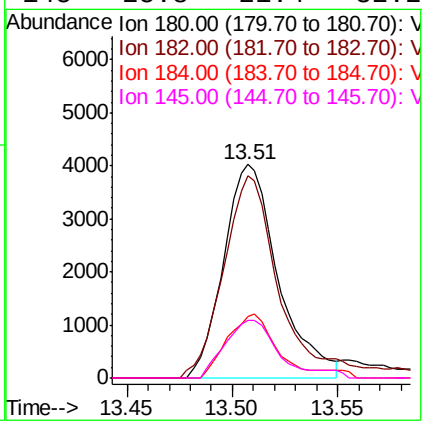


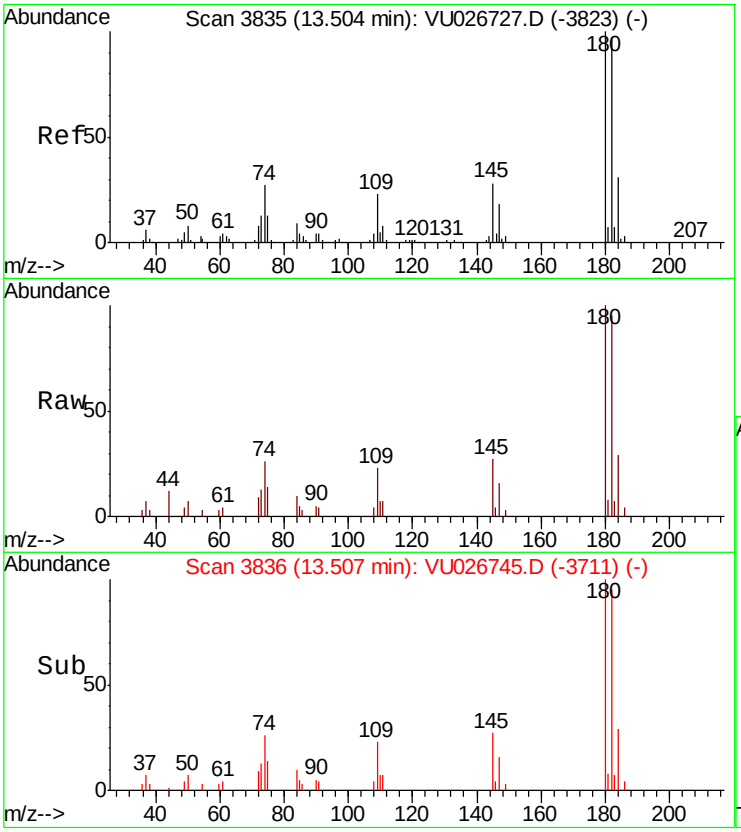


#67
1,3,5-Trichlorobenzene
Concen: 4.602 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion:180 Resp: 7212

Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.8	115.2
184	26.3	24.2	36.2
145	25.8	21.4	32.2



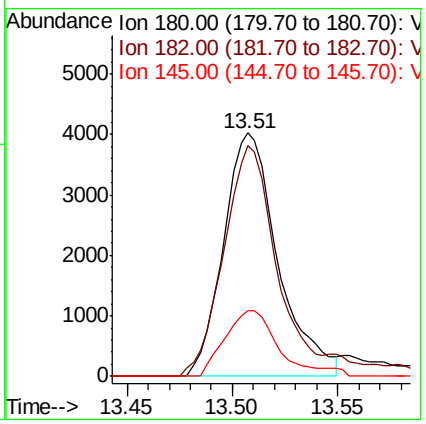


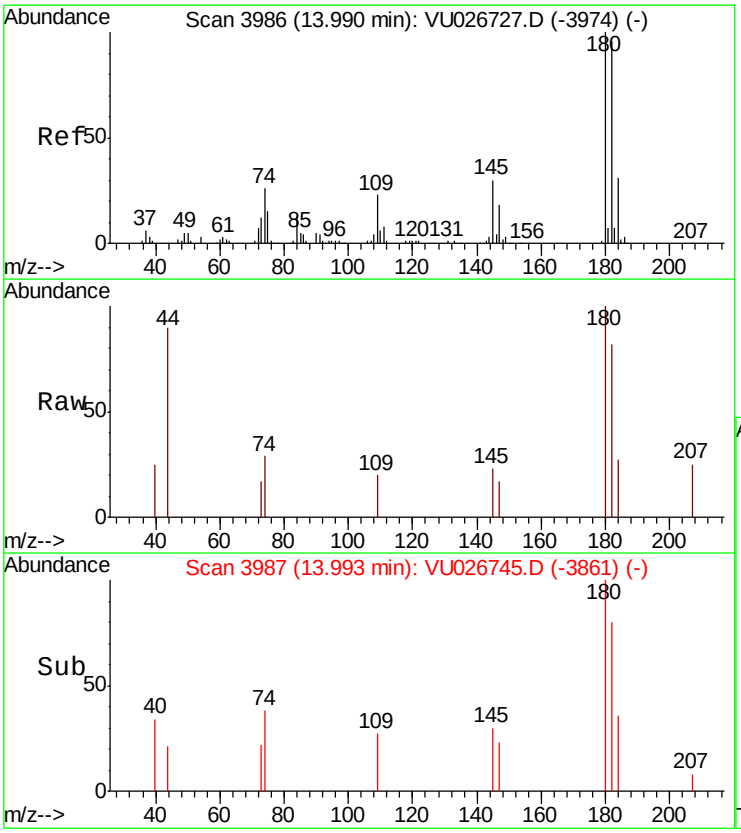
#68
1,2,4-trichlorobenzene
Concen: 5.295 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Instrument :
MSVOA_U
ClientSampleId :
C08R9

Tgt Ion:180 Resp: 7212

Ion	Ratio	Lower	Upper
180	100		
182	91.0	76.0	114.0
145	25.8	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 0.775 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026745.D
Acq: 13 Sep 2018 22:55

Tgt Ion:180 Resp: 1144

Ion	Ratio	Lower	Upper
180	100		
182	82.2	76.7	115.1
145	21.5	23.0	34.6#