Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026759.D
Acq On : 14 Sep 2018 12:30
Operator : MD/SY
Sample : J4893-13DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08P0DL

Quant Time: Sep 15 07:01:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	166717	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	155051	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.49	152	66536	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	56280	45.30	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 90.60%			
7) Chloroethane-d5	1.68	69	45914	45.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 91.72%			
11) 1,1-Dichloroethene-d2	2.27	63	79633	35.82	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 71.64%			
21) 2-Butanone-d5	4.18	46	79638	103.01	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 103.01%			
24) Chloroform-d	4.65	84	93428	45.23	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.46%			
26) 1,2-Dichloroethane-d4	5.31	65	64496	47.70	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.40%			
32) Benzene-d6	5.34	84	191792	47.79	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 95.58%			
36) 1,2-Dichloropropane-d6	6.33	67	67482	50.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 100.22%			
41) Toluene-d8	7.57	98	169975	45.14	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 90.28%			
43) trans-1,3-Dichloropropene-	7.85	79	27534	43.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 87.96%			
47) 2-Hexanone-d5	8.31	63	53906	98.11	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.11%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	86752	47.05	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 94.10%			
64) 1,2-Dichlorobenzene-d4	11.86	152	64712	48.79	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.58%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.28	101	685	0.669	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	542	0.551	ug/L #	1
13) Acetone	2.32	43	1467	1.666	ug/L	91
25) Chloroform	4.68	83	2730	1.345	ug/L	93
35) Methylcyclohexane	6.33	83	14864	8.604	ug/L #	18
37) 1,2-Dichloropropane	6.33	63	6957	5.735	ug/L #	89
39) cis-1,3-Dichloropropene	7.23	75	1616	0.900	ug/L #	68
44) trans-1,3-Dichloropropene	7.85	75	1213	0.726	ug/L #	63
51) Chlorobenzene	9.12	112	49193	16.648	ug/L	99
59) 1,2,3-Trichloropropane	11.49	75	11434	7.967	ug/L	89
62) 1,3-Dichlorobenzene	11.42	146	2595	1.358	ug/L	97
63) 1,4-Dichlorobenzene	11.51	146	11678	5.770	ug/L	98
65) 1,2-Dichlorobenzene	11.88	146	113001	55.965	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	11931	7.873	ug/L	99
68) 1,2,4-trichlorobenzene	13.51	180	11931	9.058	ug/L	99
70) 1,2,3-Trichlorobenzene	13.99	180	2153	1.509	ug/L	88

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

Quantitation Report (Not Reviewed)

Data File : VU026759.D
Acq On : 14 Sep 2018 12:30
Operator : MD/SY
Sample : J4893-13DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C08P0DL

Quant Time: Sep 15 07:01:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration

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

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

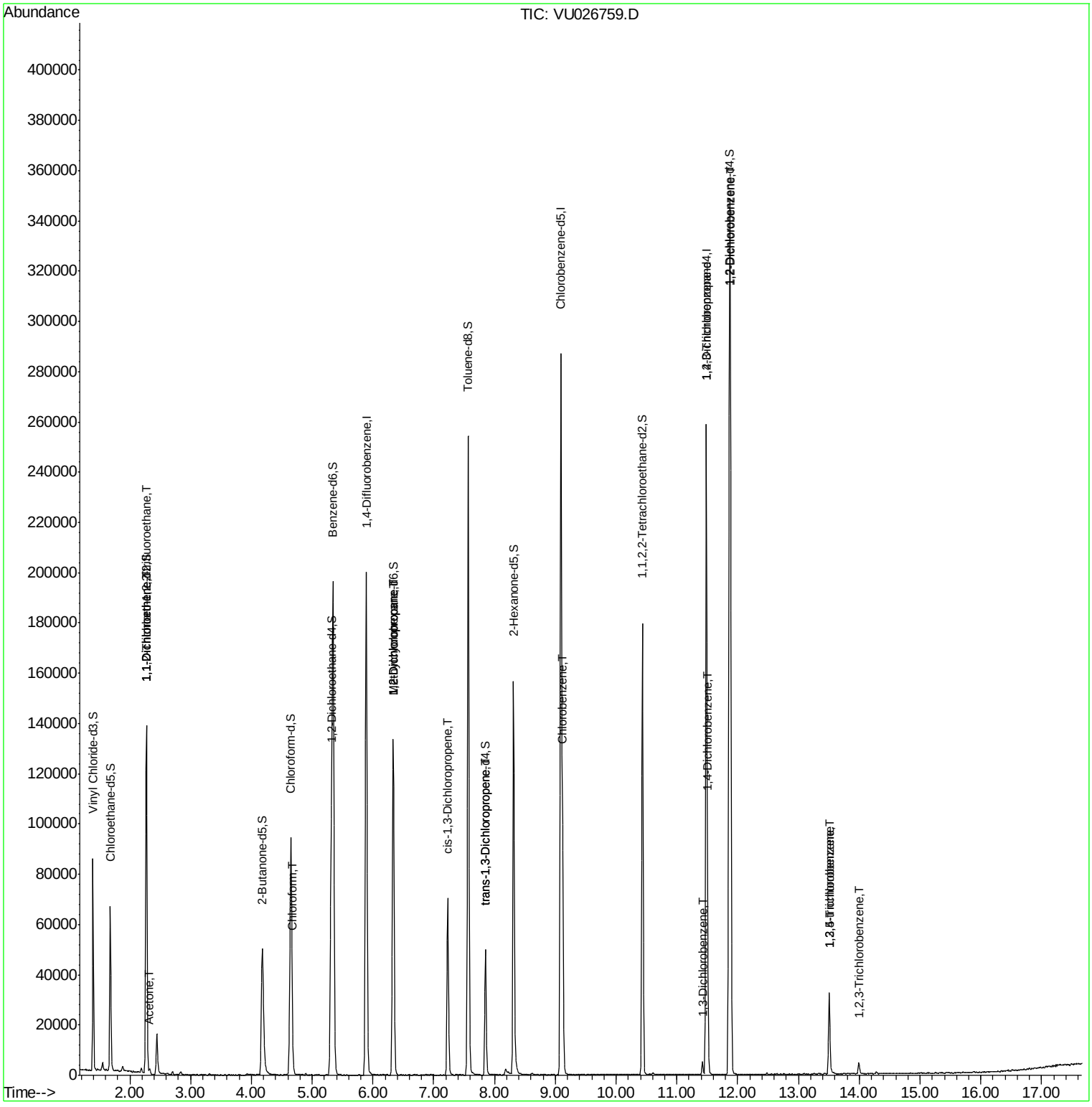
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU091518\

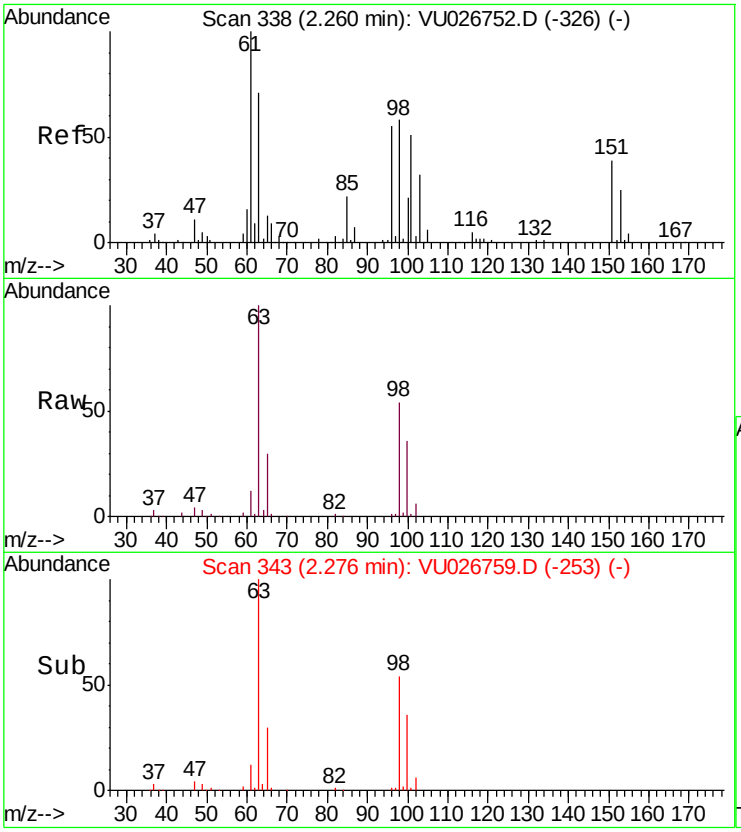
Quantitation Report (Not Reviewed)

Data File : VU026759.D
Acq On : 14 Sep 2018 12:30
Operator : MD/SY
Sample : J4893-13DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 34 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Quant Time: Sep 15 07:01:41 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091018WMA.M
Quant Title : VOC Analysis
QLast Update : Sat Sep 15 00:18:06 2018
Response via : Initial Calibration



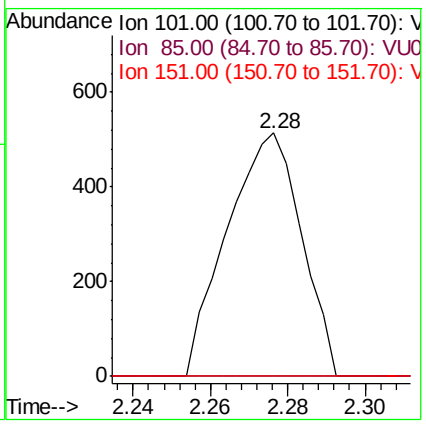


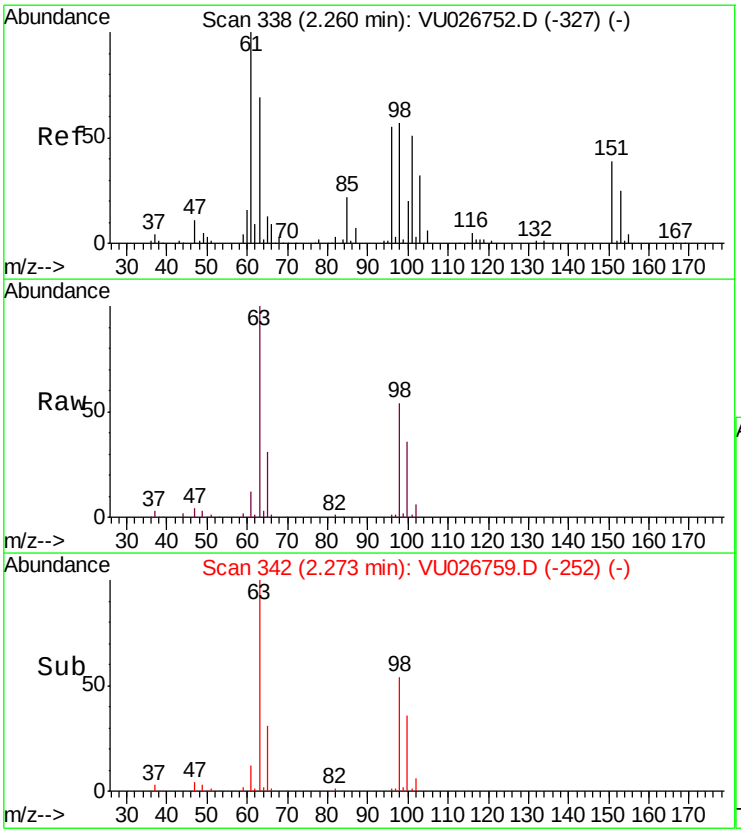
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.669 ug/L
RT: 2.28 min Scan# 343
Delta R.T. -0.01 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Tgt Ion:101 Resp: 685

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

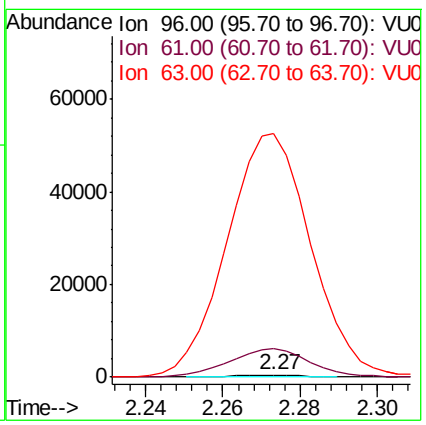


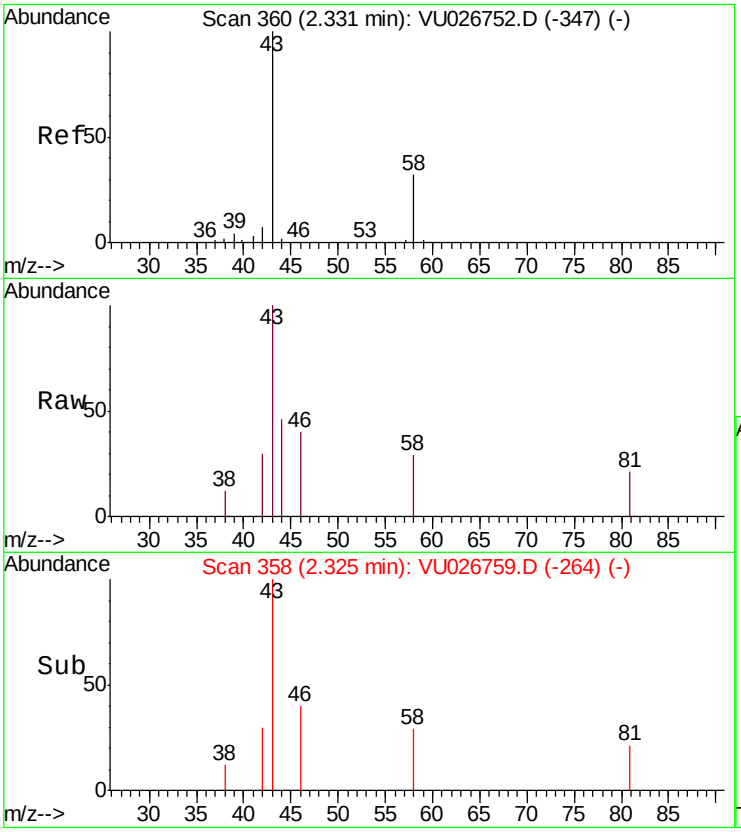


#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 96 Resp: 542

Ion	Ratio	Lower	Upper
96	100		
61	1521.0	121.0	224.8#
63	13013.9	89.9	166.9#



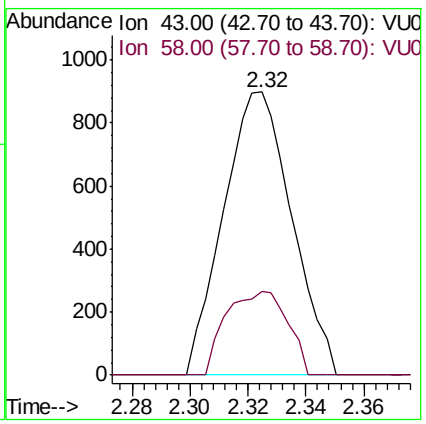


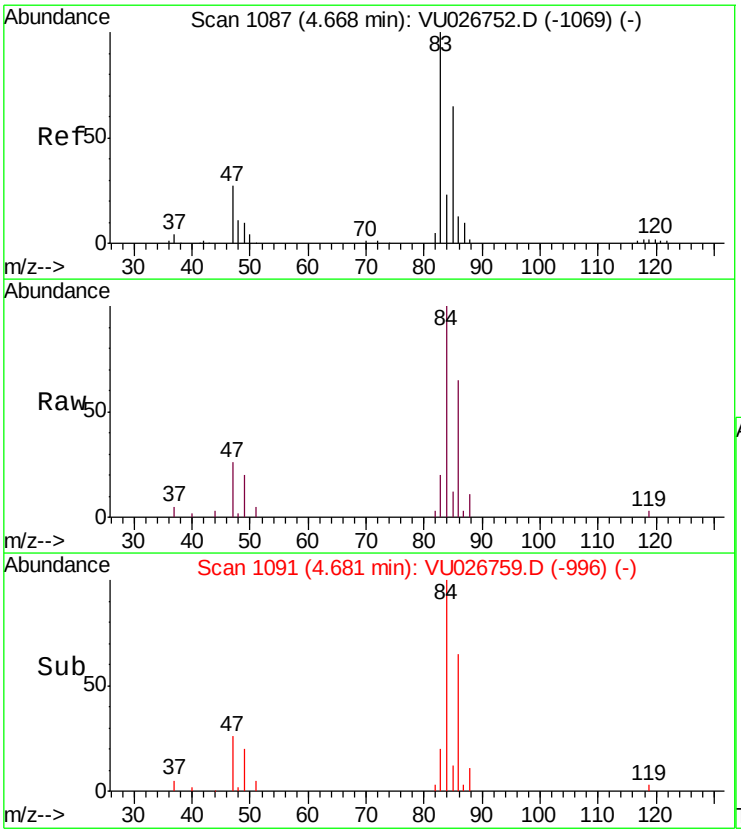
#13
Acetone
Concen: 1.666 ug/L
RT: 2.32 min Scan# 358
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument : MSVOA_U
ClientSampleId : C08P0DL

Tgt Ion: 43 Resp: 1467

Ion	Ratio	Lower	Upper
43	100		
58	26.6	0.0	62.8

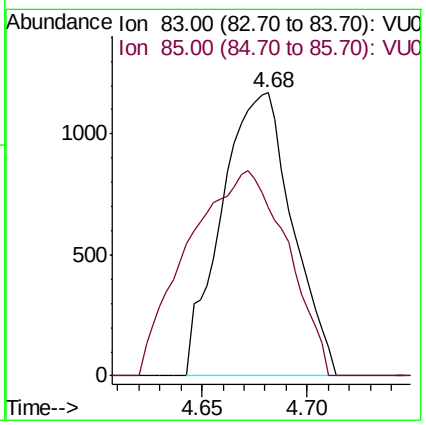


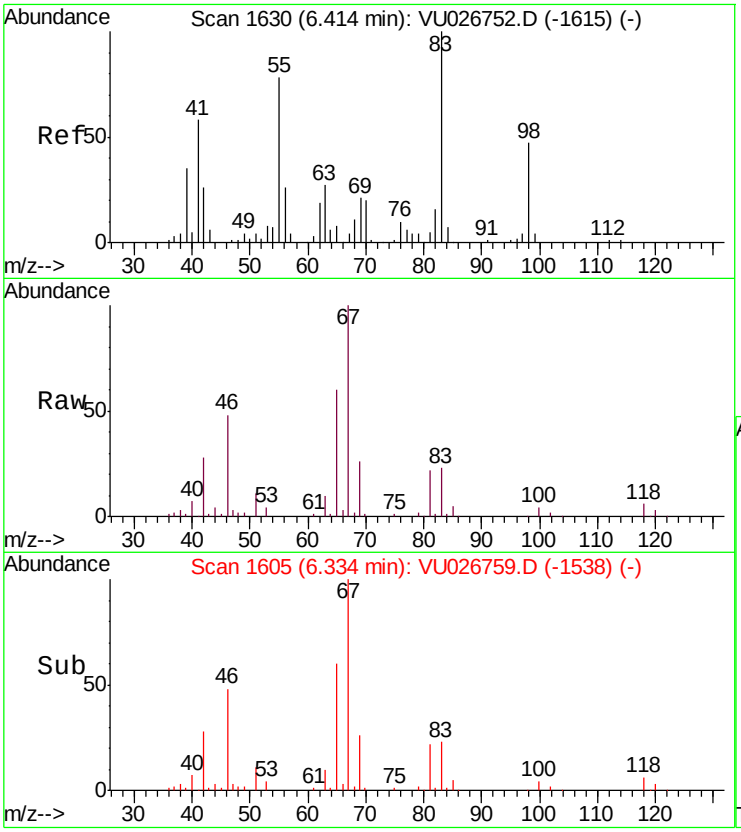


#25
Chloroform
Concen: 1.345 ug/L
RT: 4.68 min Scan# 1091
Delta R.T. 0.01 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 83 Resp: 2730

Ion	Ratio	Lower	Upper
83	100		
85	59.2	45.6	84.6



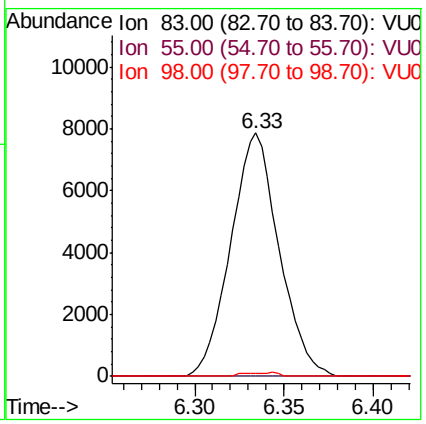


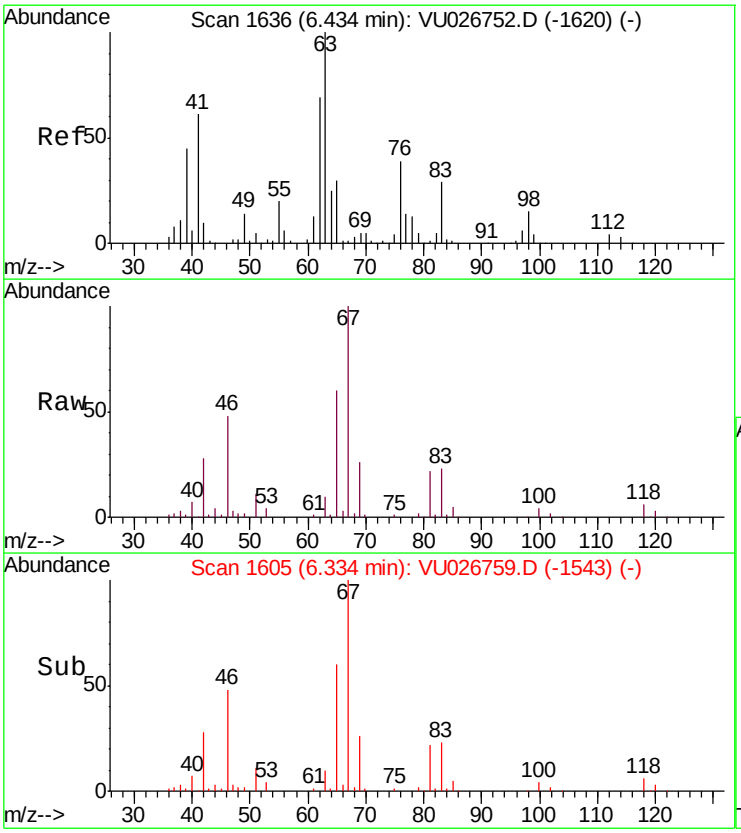
#35
Methylcyclohexane
Concen: 8.604 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.08 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Tgt Ion: 83 Resp: 14864

Ion	Ratio	Lower	Upper
83	100		
55	0.0	62.9	94.3#
98	0.7	37.0	55.4#

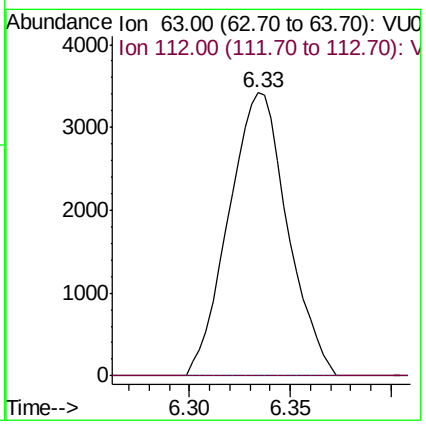


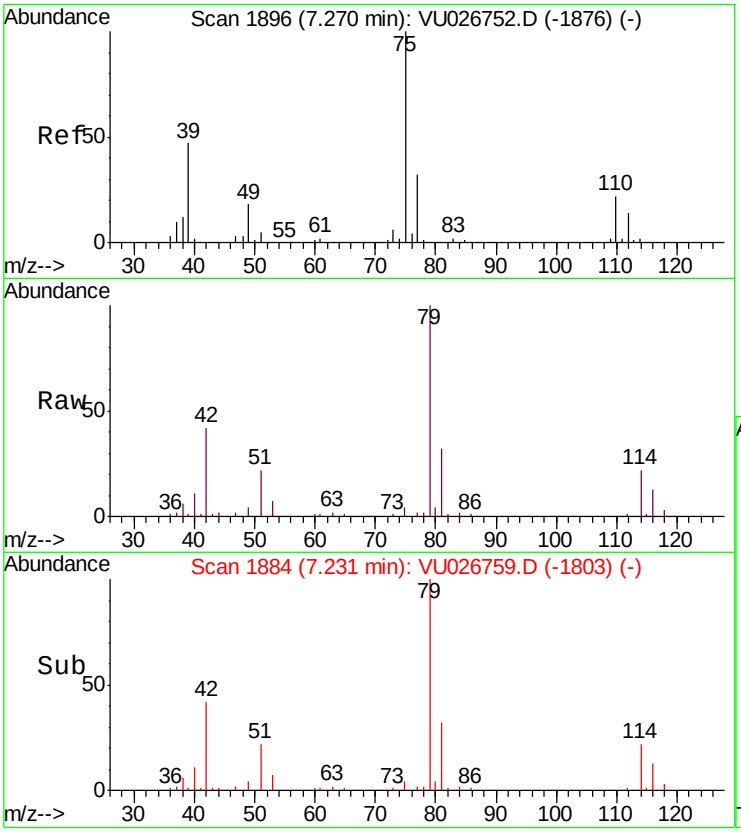


#37
1,2-Dichloropropane
Concen: 5.735 ug/L
RT: 6.33 min Scan# 1605
Delta R.T. -0.10 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 63 Resp: 6957

Ion	Ratio	Lower	Upper
63	100		
112	0.0	2.9	4.3#



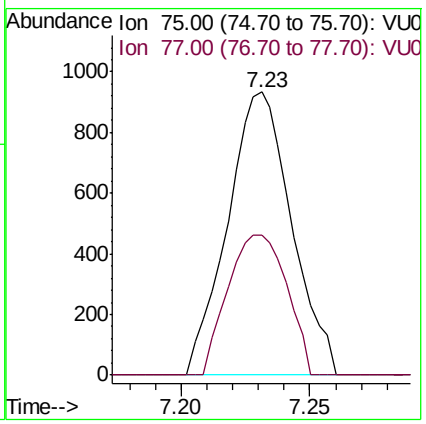


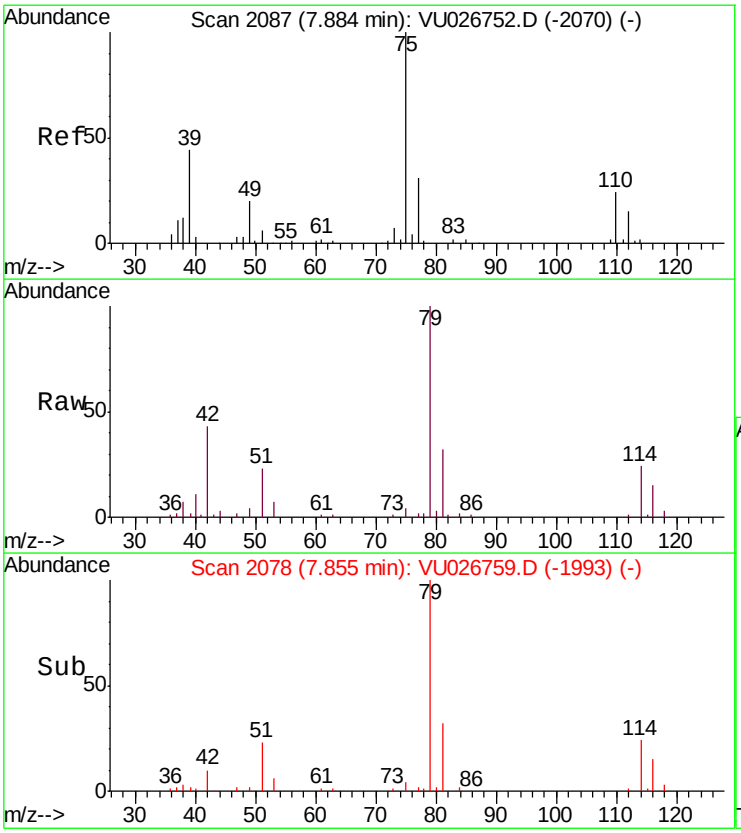
#39
cis-1,3-Dichloropropene
Concen: 0.900 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Tgt Ion: 75 Resp: 1616

Ion	Ratio	Lower	Upper
75	100		
77	49.5	22.3	41.3#

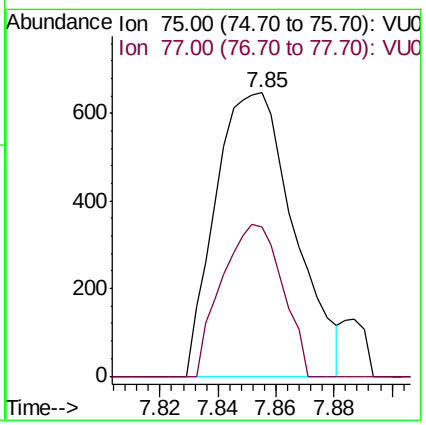


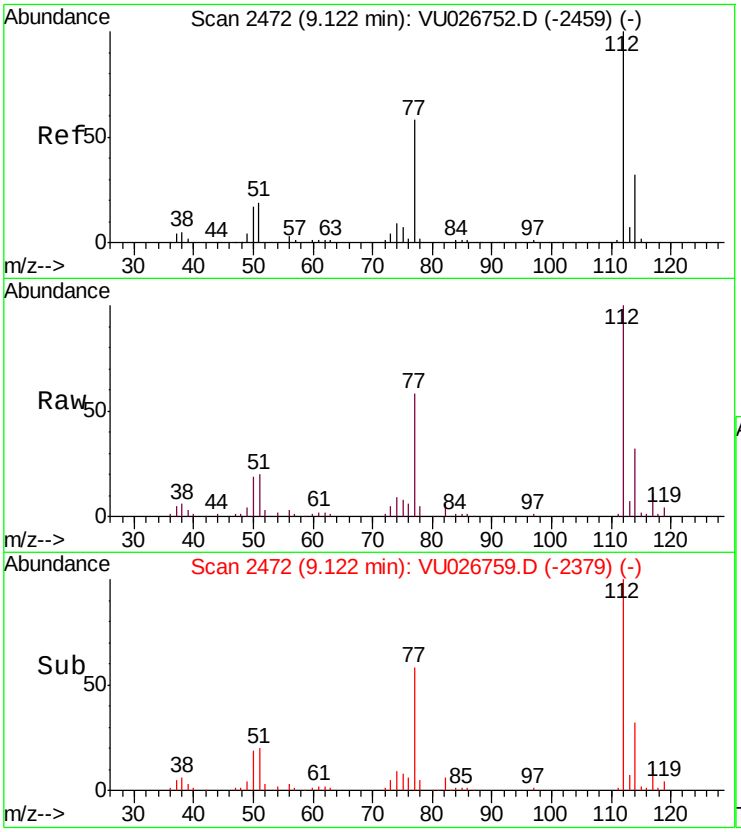


#44
trans-1,3-Dichloropropene
Concen: 0.726 ug/L
RT: 7.85 min Scan# 2078
Delta R.T. -0.03 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 75 Resp: 1213

Ion	Ratio	Lower	Upper
75	100		
77	52.9	22.4	41.6#



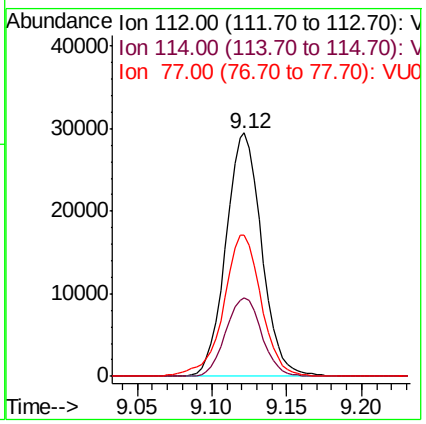


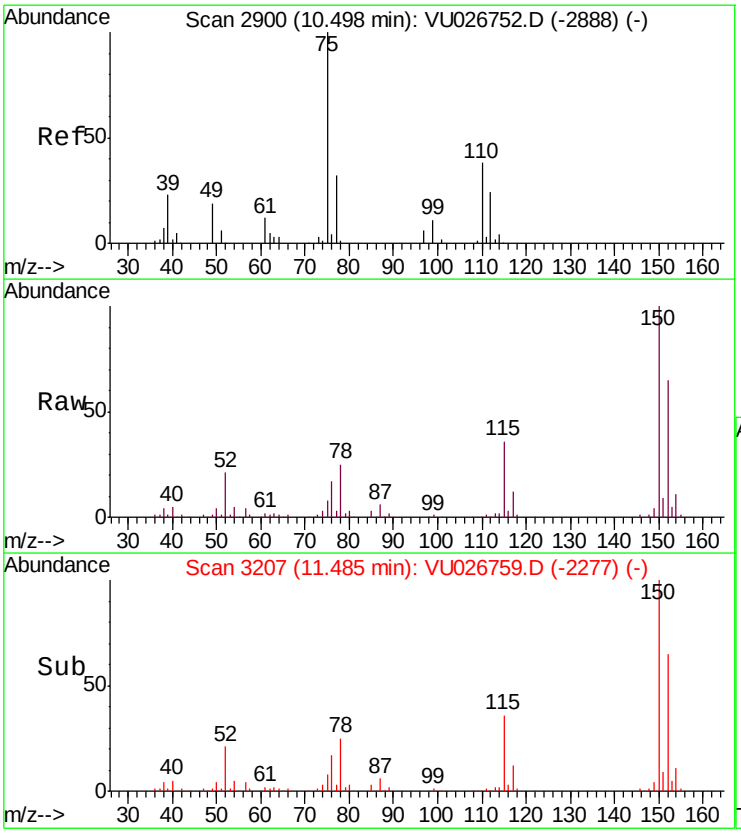
#51
Chlorobenzene
Concen: 16.648 ug/L
RT: 9.12 min Scan# 2472
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument : MSVOA_U
ClientSampleId : C08P0DL

Tgt Ion:112 Resp: 49193

Ion	Ratio	Lower	Upper
112	100		
114	32.4	22.9	42.5
77	58.2	47.2	70.8

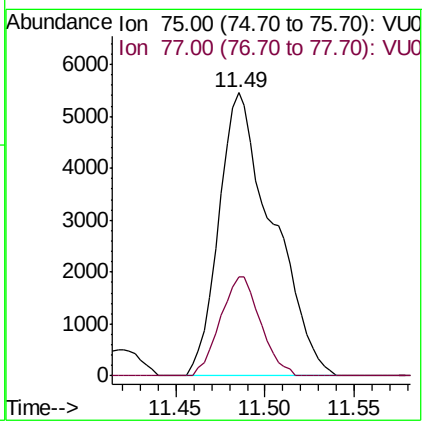


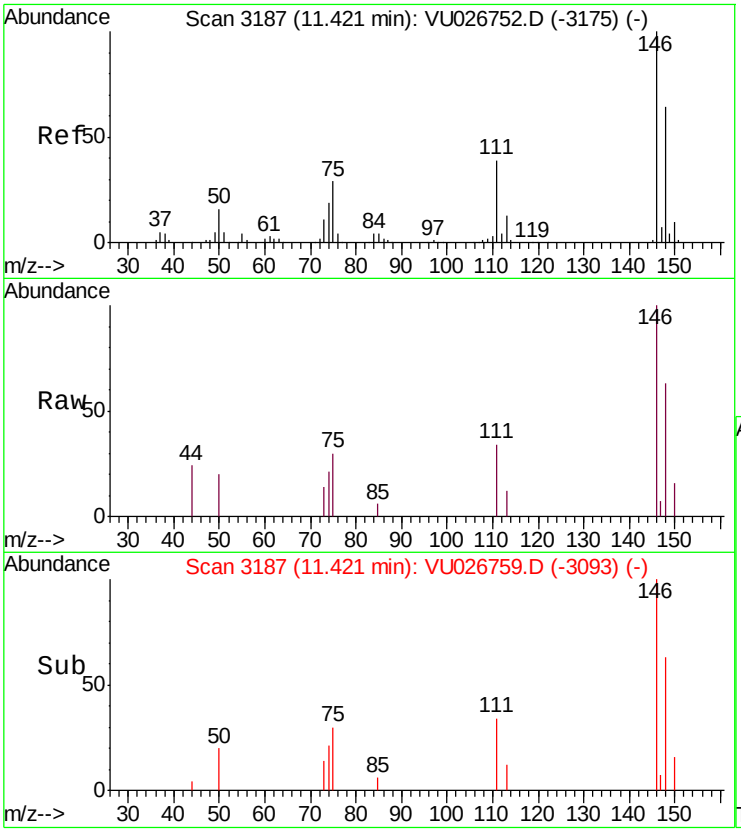


#59
1,2,3-Trichloropropane
Concen: 7.967 ug/L
RT: 11.49 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion: 75 Resp: 11434

Ion	Ratio	Lower	Upper
75	100		
77	26.0	25.8	38.6



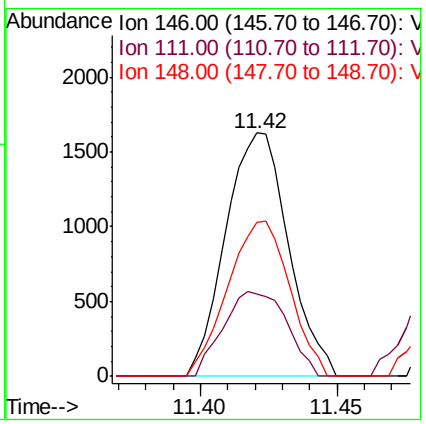


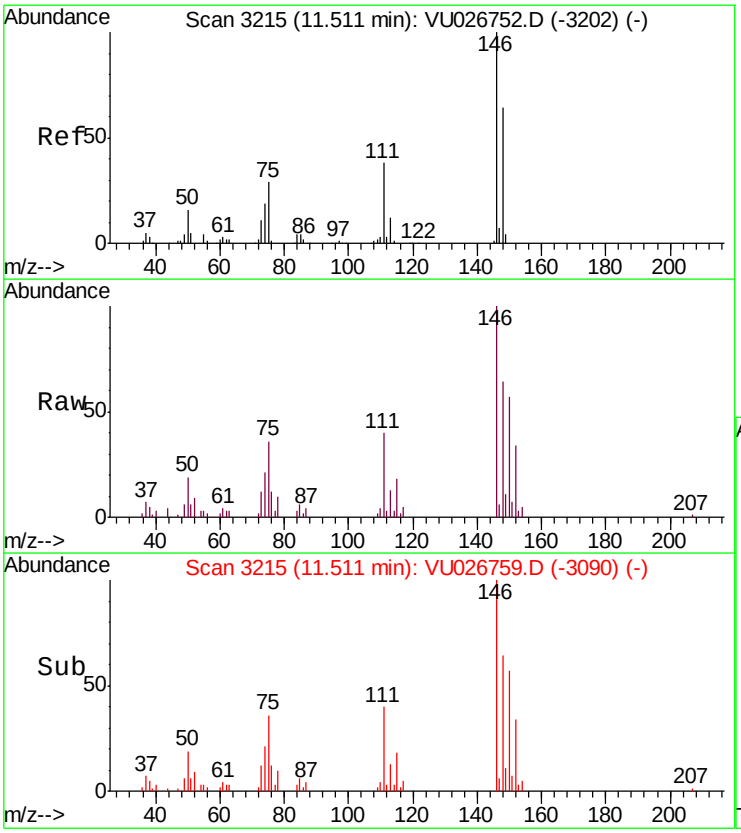
#62
1,3-Dichlorobenzene
Concen: 1.358 ug/L
RT: 11.42 min Scan# 3187
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Tgt Ion:146 Resp: 2595

Ion	Ratio	Lower	Upper
146	100		
111	33.7	26.7	49.5
148	63.0	44.2	82.2

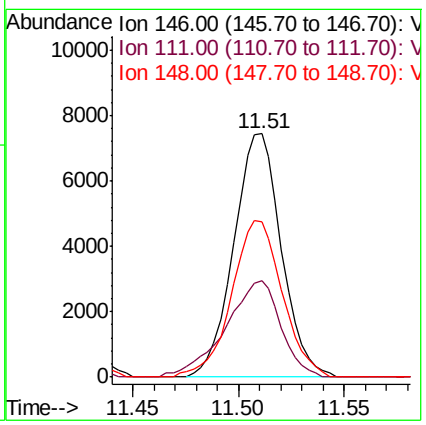


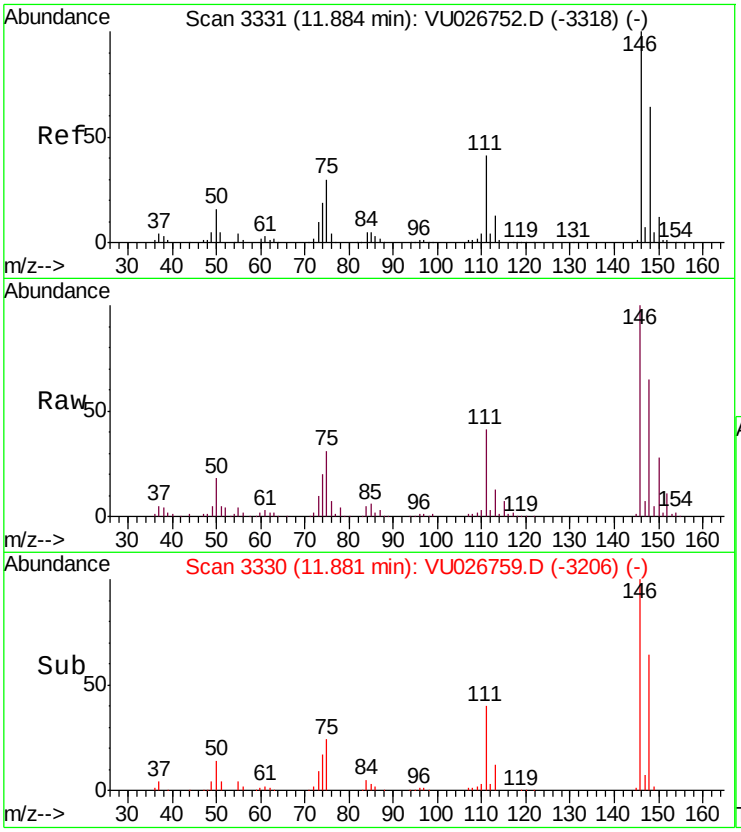


#63
1,4-Dichlorobenzene
Concen: 5.770 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion:146 Resp: 11678

Ion	Ratio	Lower	Upper
146	100		
111	39.6	26.5	49.3
148	63.7	45.2	84.0



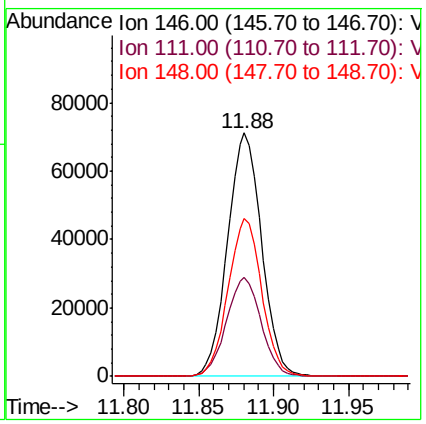


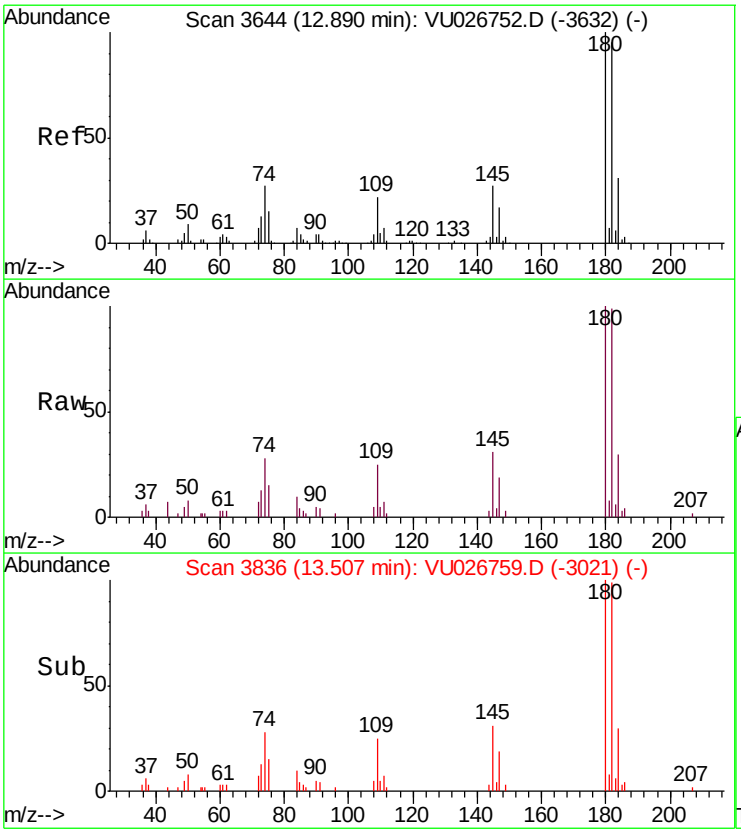
#65
1,2-Dichlorobenzene
Concen: 55.965 ug/L
RT: 11.88 min Scan# 3330
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument : MSVOA_U
ClientSampleId : C08P0DL

Tgt Ion:146 Resp: 113001

Ion	Ratio	Lower	Upper
146	100		
111	40.7	32.8	49.2
148	64.7	52.2	78.4

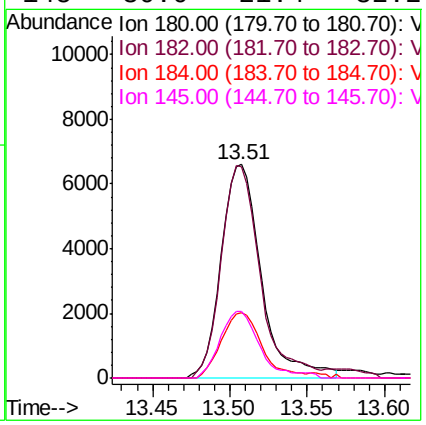


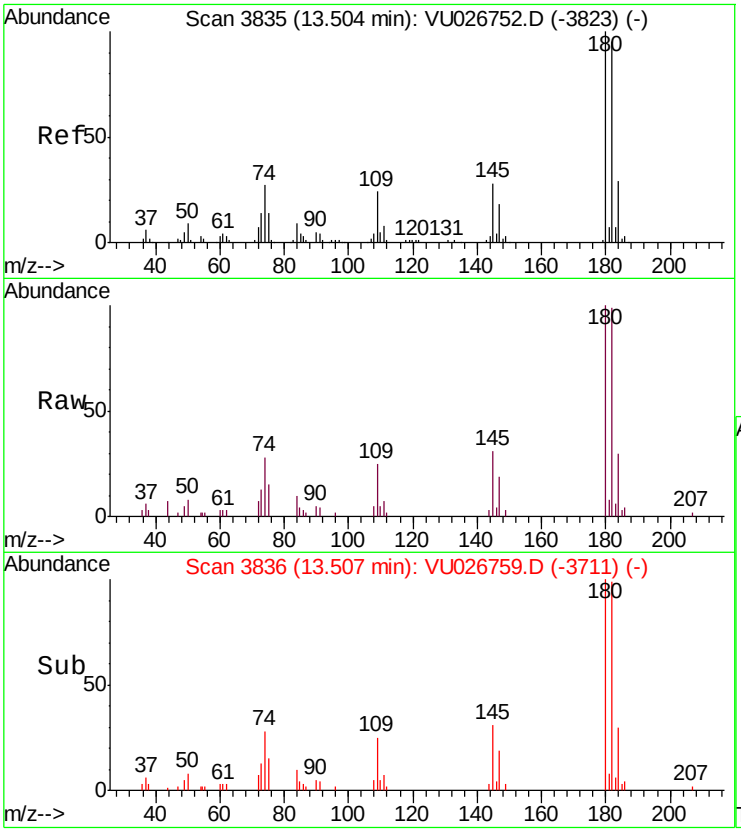


#67
1,3,5-Trichlorobenzene
Concen: 7.873 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.62 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion:180 Resp: 11931

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.8	115.2
184	30.7	24.2	36.2
145	30.0	21.4	32.2



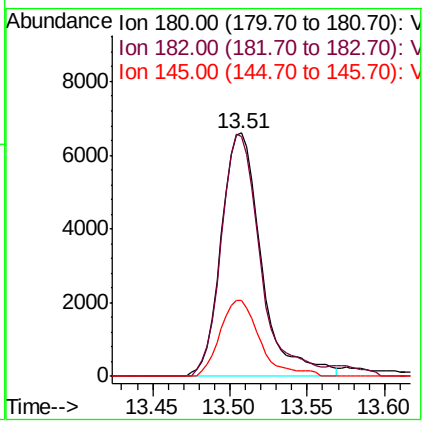


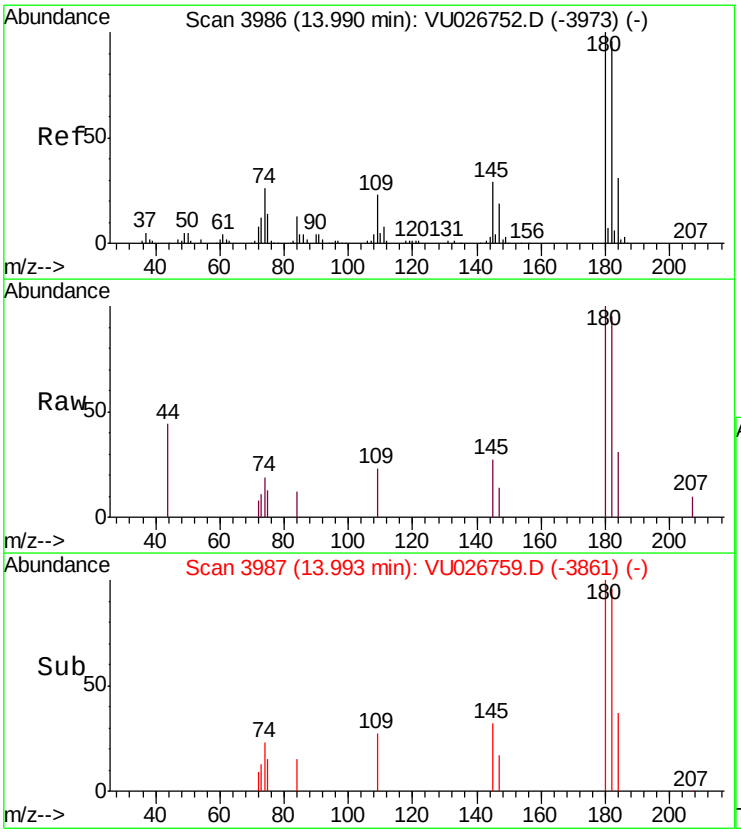
#68
1,2,4-trichlorobenzene
Concen: 9.058 ug/L
RT: 13.51 min Scan# 3836
Delta R.T. 0.00 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Instrument :
MSVOA_U
ClientSampleId :
C08P0DL

Tgt Ion:180 Resp: 11931

Ion	Ratio	Lower	Upper
180	100		
182	96.0	76.0	114.0
145	30.0	23.4	35.0





#70
1,2,3-Trichlorobenzene
Concen: 1.509 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026759.D
Acq: 14 Sep 2018 12:30

Tgt Ion:180 Resp: 2153

Ion	Ratio	Lower	Upper
180	100		
182	110.2	76.7	115.1
145	27.7	23.0	34.6