Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

Quantitation Report (Not Reviewed)

Data File : VU026926.D
Acq On : 20 Sep 2018 10:12
Operator : MD/SY
Sample : VU0921WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK47

Quant Time: Sep 21 04:24:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.89	114	222799	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	205034	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	84536	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	82982	50.35	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 100.70%			
7) Chloroethane-d5	1.67	69	71069	50.38	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 100.76%			
11) 1,1-Dichloroethene-d2	2.27	63	117773	37.77	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 75.54%			
21) 2-Butanone-d5	4.18	46	107426	98.22	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.22%			
24) Chloroform-d	4.65	84	140050	45.81	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 91.62%			
26) 1,2-Dichloroethane-d4	5.31	65	90016	46.76	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.52%			
32) Benzene-d6	5.34	84	294184	51.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.40%			
36) 1,2-Dichloropropane-d6	6.33	67	94634	51.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 102.22%			
41) Toluene-d8	7.57	98	253743	48.88	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 97.76%			
43) trans-1,3-Dichloropropene-	7.85	79	39008	47.19	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.38%			
47) 2-Hexanone-d5	8.31	63	75427	103.66	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 103.66%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	119463	46.28	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 92.56%			
64) 1,2-Dichlorobenzene-d4	11.86	152	96700	54.99	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 109.98%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1115	0.725	ug/L #	18
12) 1,1-Dichloroethene	2.27	96	1107	0.766	ug/L #	1
13) Acetone	2.32	43	694	0.646	ug/L	67
37) 1,2-Dichloropropane	6.33	63	9470	5.423	ug/L #	86
39) cis-1,3-Dichloropropene	7.23	75	2326	0.943	ug/L #	63
44) trans-1,3-Dichloropropene	7.85	75	1748	0.757	ug/L	86
48) 2-Hexanone	8.31	43	8740	5.222	ug/L #	67
59) 1,2,3-Trichloropropane	11.48	75	9622	4.600	ug/L	91
63) 1,4-Dichlorobenzene	11.51	146	1396	0.492	ug/L	98
68) 1,2,4-trichlorobenzene	13.51	180	963	0.560	ug/L #	96
69) Naphthalene	13.75	128	3365	0.665	ug/L #	87
70) 1,2,3-Trichlorobenzene	13.99	180	1560	0.824	ug/L #	84

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

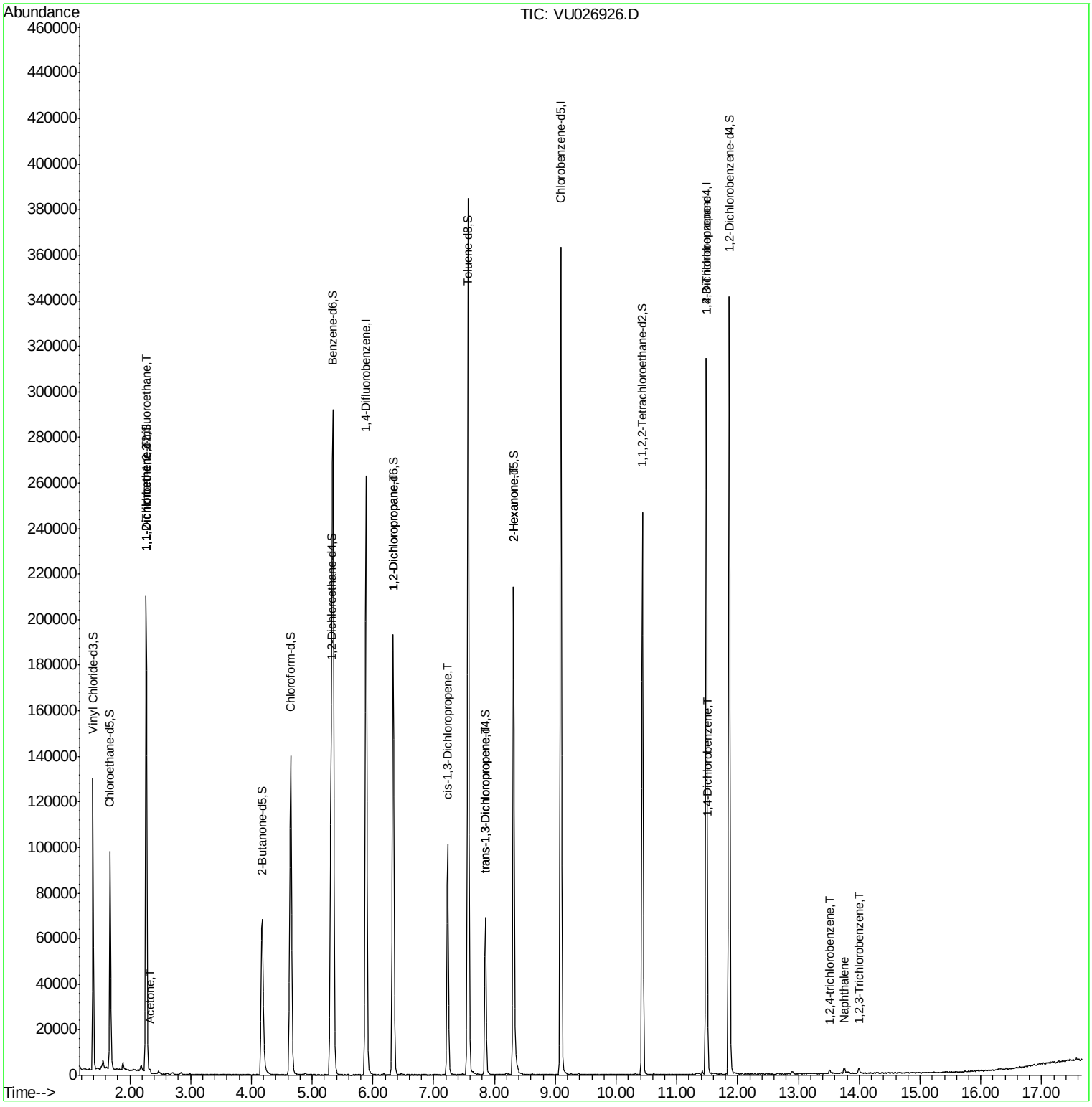
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU092118\

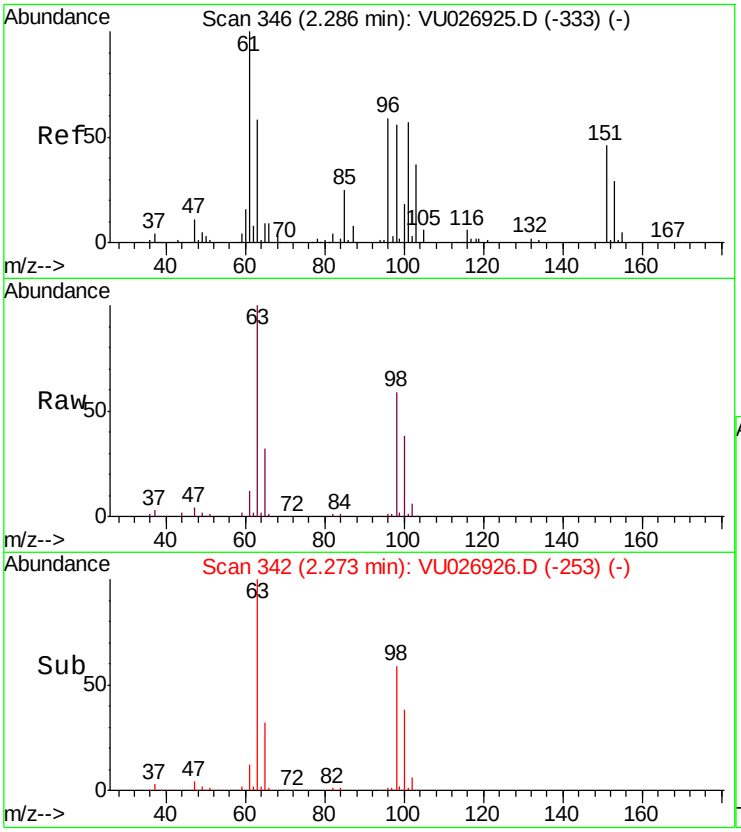
Quantitation Report (Not Reviewed)

Data File : VU026926.D
Acq On : 20 Sep 2018 10:12
Operator : MD/SY
Sample : VU0921WBL01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK47

Quant Time: Sep 21 04:24:27 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM091718WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Sep 21 04:24:07 2018
Response via : Initial Calibration



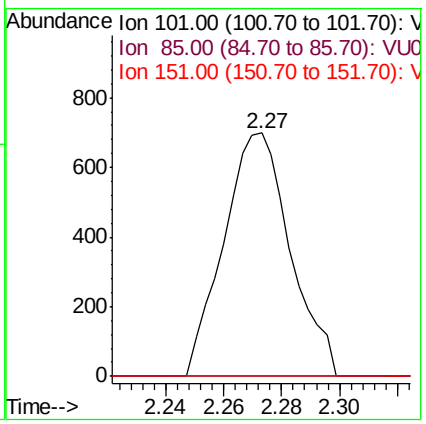


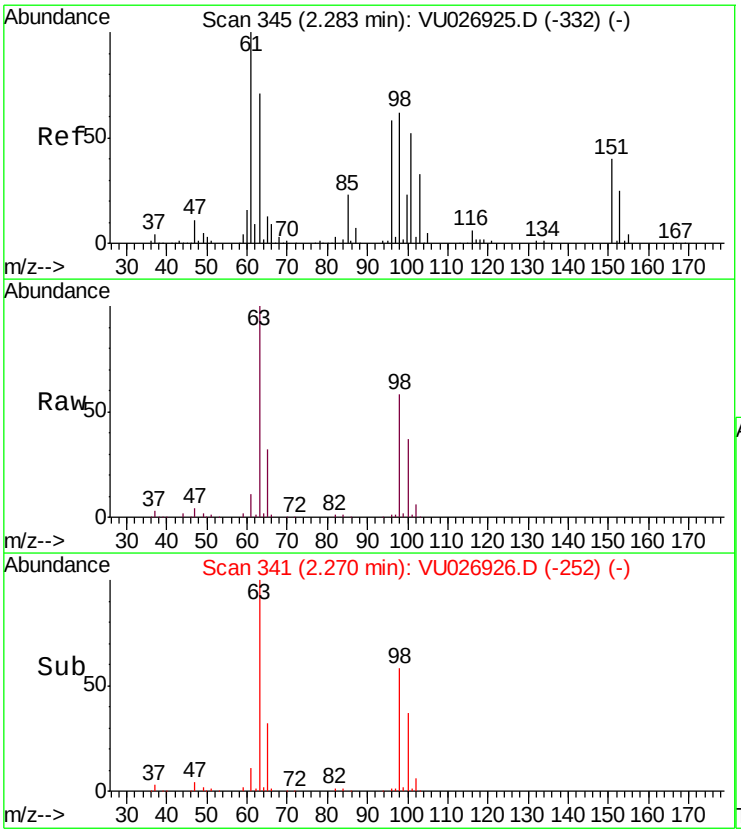
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.725 ug/L
RT: 2.27 min Scan# 342
Delta R.T. -0.01 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument : MSVOA_U
ClientSampleId : VBLK47

Tgt Ion:101 Resp: 1115

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.6	52.0#
151	0.0	63.0	94.4#

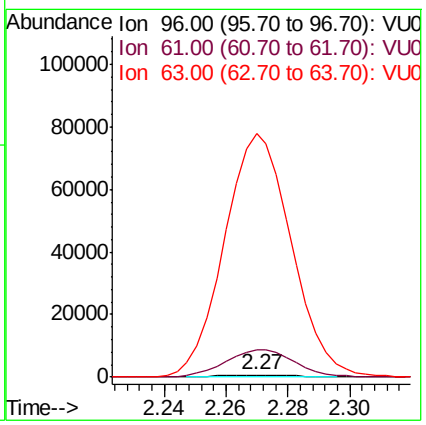


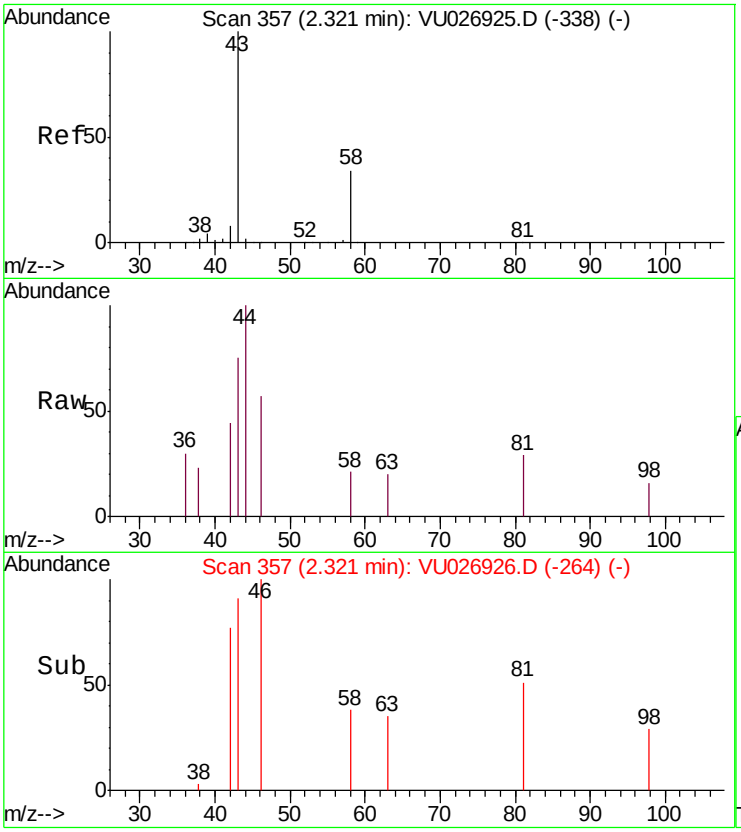


#12
1,1-Dichloroethene
Concen: 0.766 ug/L
RT: 2.27 min Scan# 341
Delta R.T. -0.01 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion: 96 Resp: 1107

Ion	Ratio	Lower	Upper
96	100		
61	1322.2	124.0	230.4#
63	11533.0	97.7	181.5#



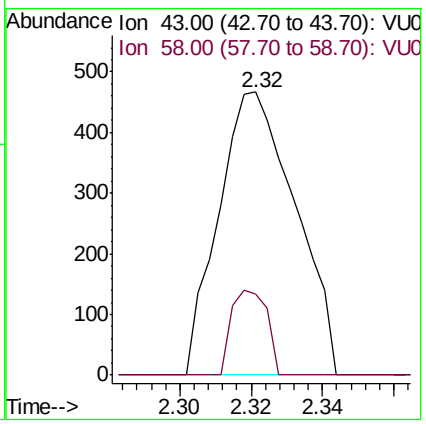


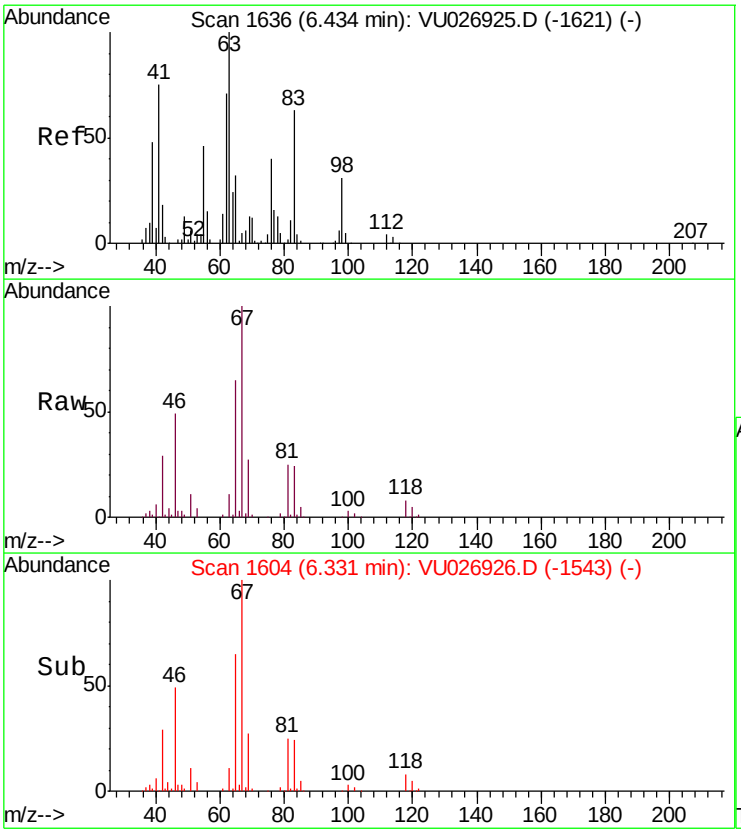
#13
Acetone
Concen: 0.646 ug/L
RT: 2.32 min Scan# 357
Delta R.T. 0.00 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument : MSVOA_U
ClientSampleId : VBLK47

Tgt Ion: 43 Resp: 694

Ion	Ratio	Lower	Upper
43	100		
58	13.8	0.0	64.6

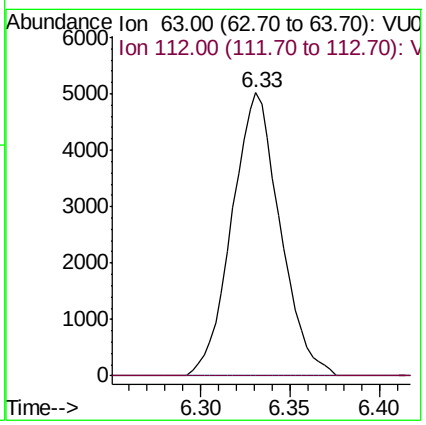


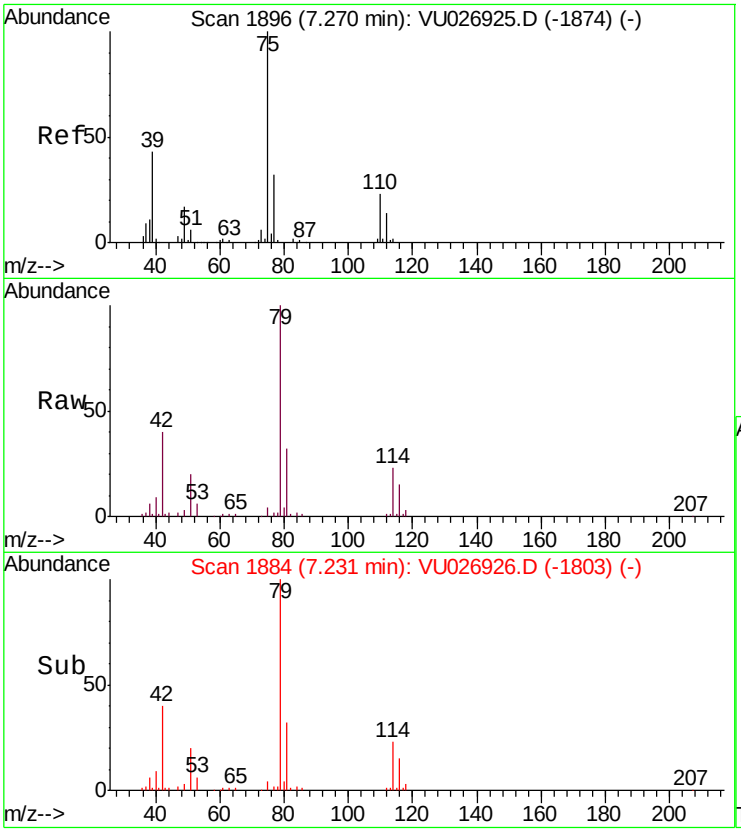


#37
1,2-Dichloropropane
Concen: 5.423 ug/L
RT: 6.33 min Scan# 1604
Delta R.T. -0.10 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion: 63 Resp: 9470

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.7	5.5#



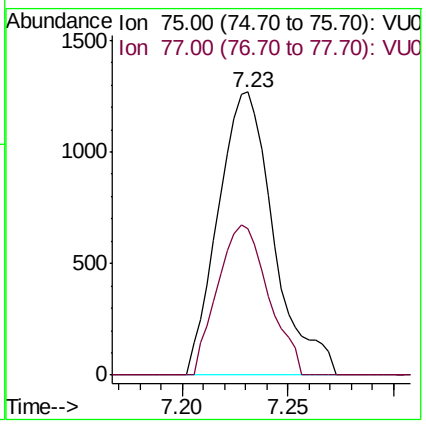


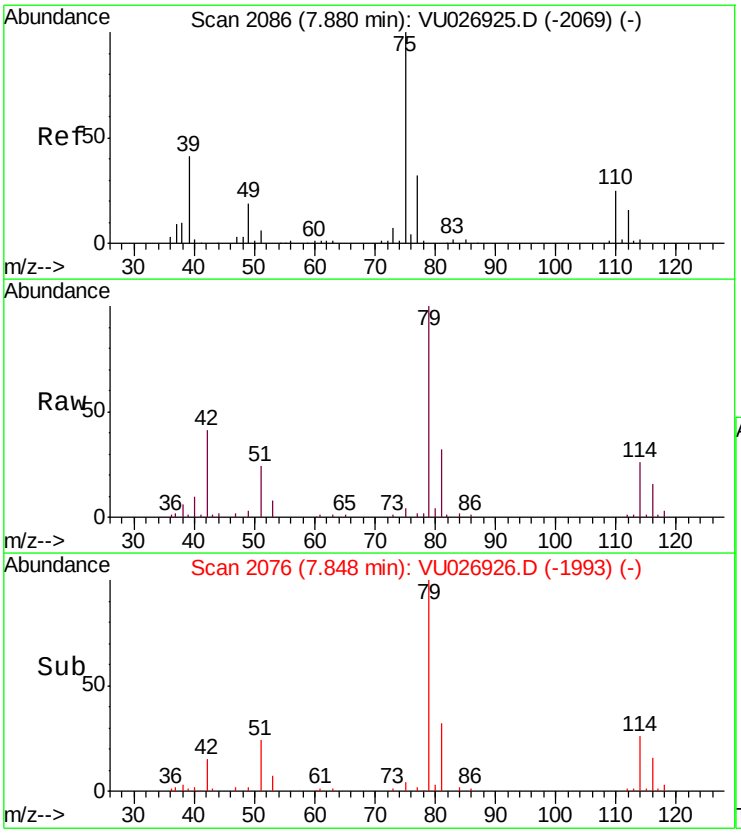
#39
cis-1,3-Dichloropropene
Concen: 0.943 ug/L
RT: 7.23 min Scan# 1884
Delta R.T. -0.04 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion: 75 Resp: 2326

Ion	Ratio	Lower	Upper
75	100		
77	52.0	22.1	41.1#

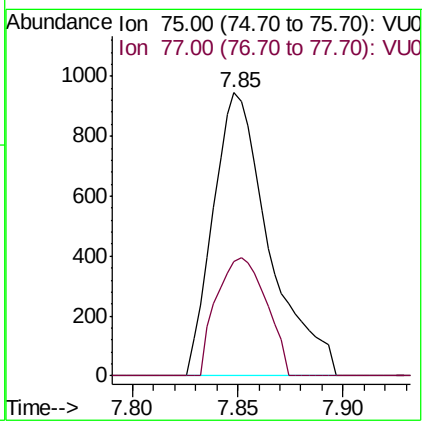


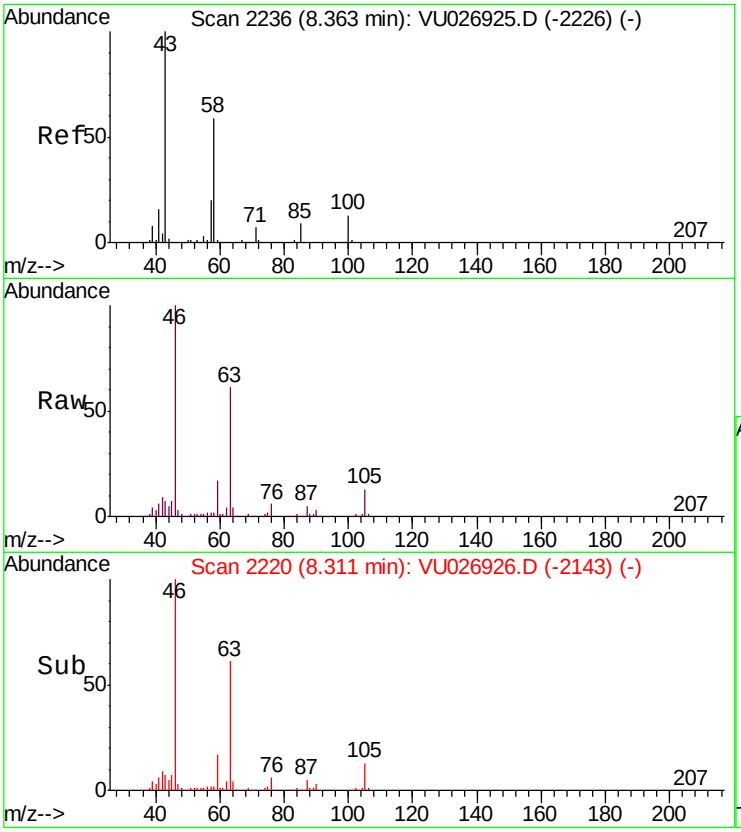


#44
trans-1,3-Dichloropropene
Concen: 0.757 ug/L
RT: 7.85 min Scan# 2076
Delta R.T. -0.03 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion: 75 Resp: 1748

Ion	Ratio	Lower	Upper
75	100		
77	40.5	22.8	42.4



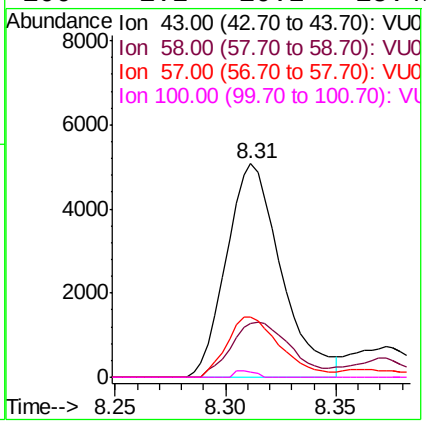


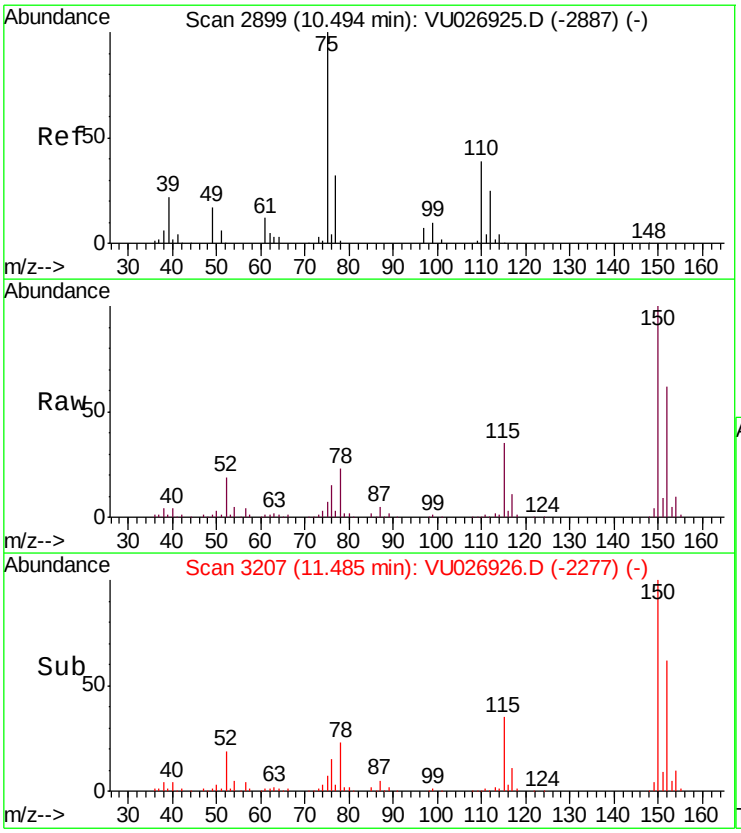
#48
2-Hexanone
Concen: 5.222 ug/L
RT: 8.31 min Scan# 2220
Delta R.T. -0.05 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument : MSVOA_U
ClientSampleId : VBLK47

Tgt Ion: 43 Resp: 8740

Ion	Ratio	Lower	Upper
43	100		
58	27.6	44.9	67.3#
57	27.8	15.4	23.2#
100	1.2	10.2	15.4#

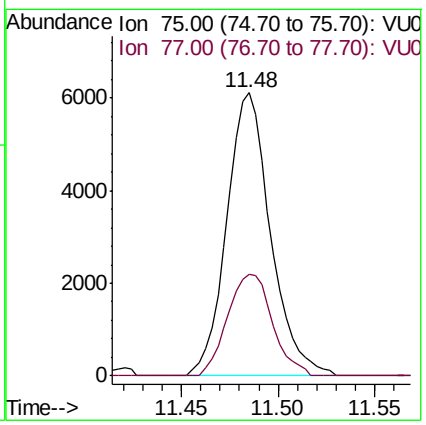


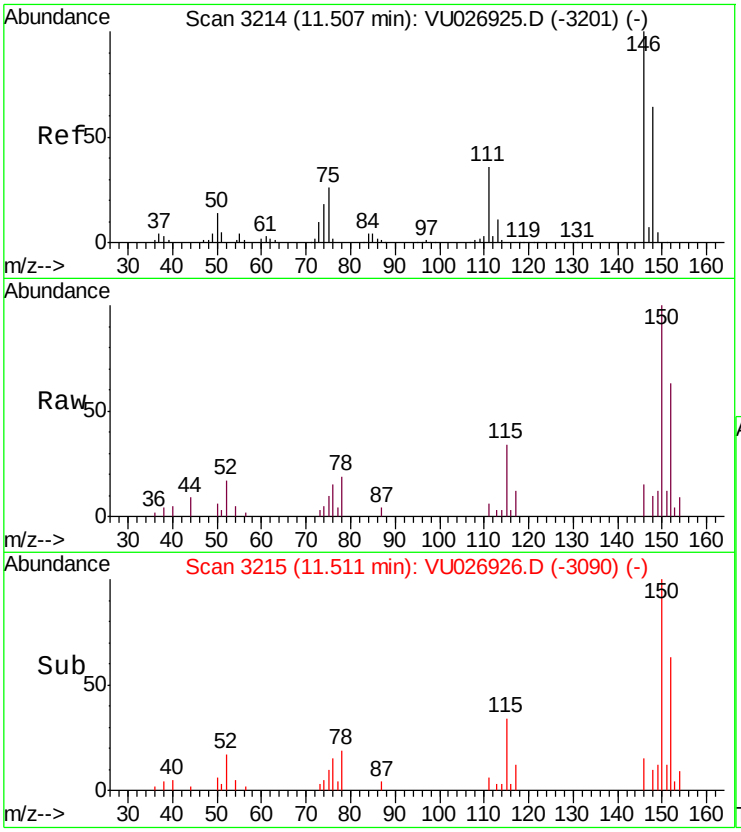


#59
1,2,3-Trichloropropane
Concen: 4.600 ug/L
RT: 11.48 min Scan# 3207
Delta R.T. 0.99 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion: 75 Resp: 9622

Ion	Ratio	Lower	Upper
75	100		
77	36.7	25.5	38.3



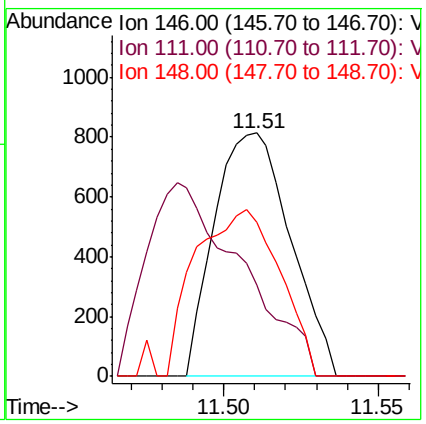


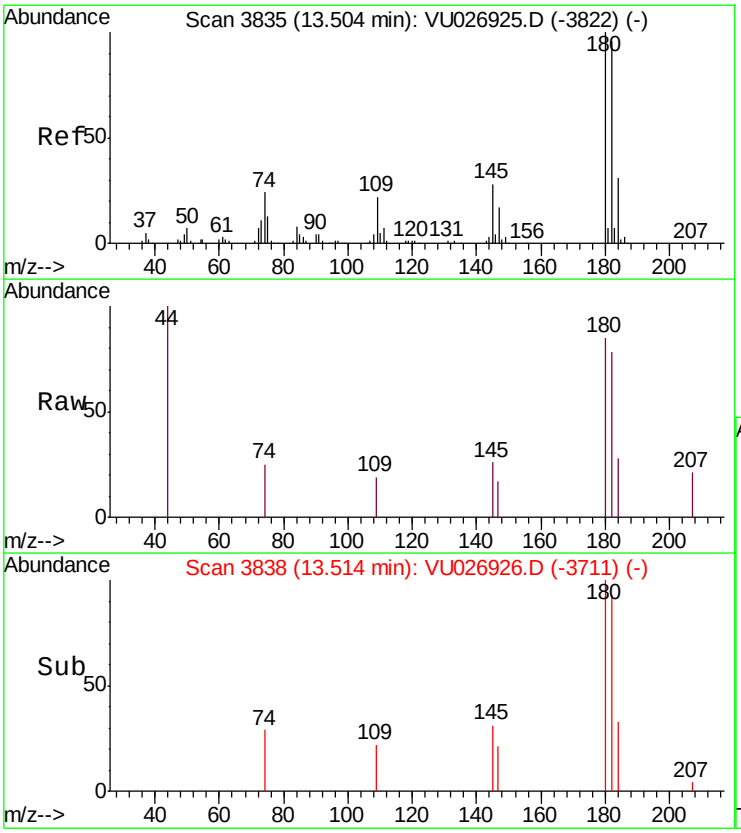
#63
1,4-Dichlorobenzene
Concen: 0.492 ug/L
RT: 11.51 min Scan# 3215
Delta R.T. 0.00 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument :
MSVOA_U
ClientSampleId :
VBLK47

Tgt Ion:146 Resp: 1396

Ion	Ratio	Lower	Upper
146	100		
111	37.5	26.0	48.2
148	63.5	45.8	85.2

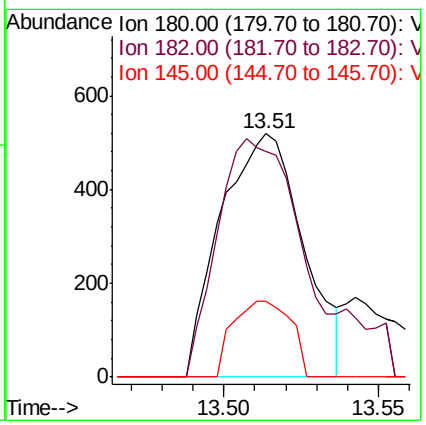


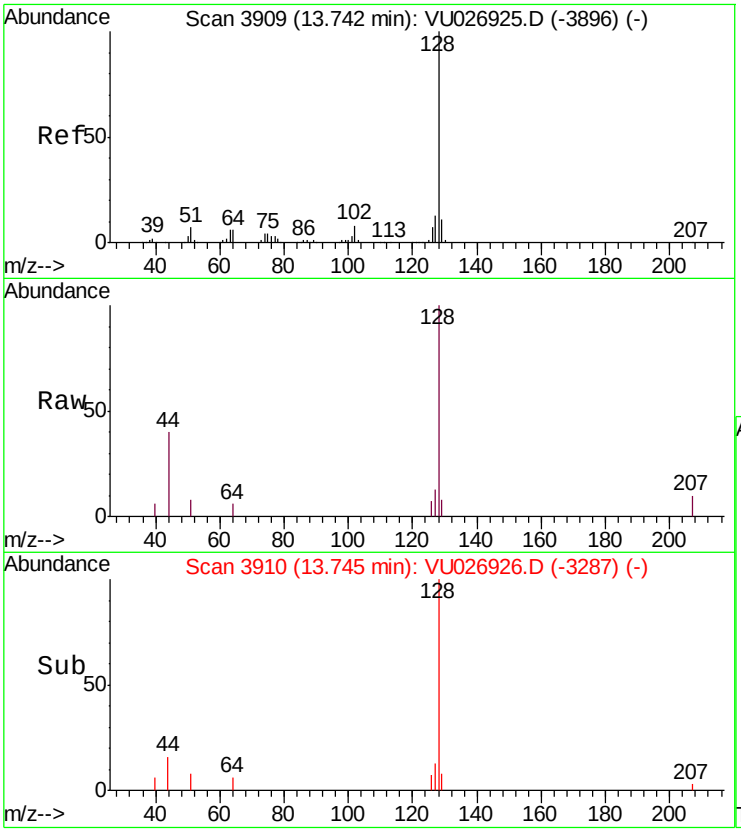


#68
1,2,4-trichlorobenzene
Concen: 0.560 ug/L
RT: 13.51 min Scan# 3838
Delta R.T. 0.01 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion:180 Resp: 963

Ion	Ratio	Lower	Upper
180	100		
182	94.8	76.8	115.2
145	21.6	22.2	33.2#



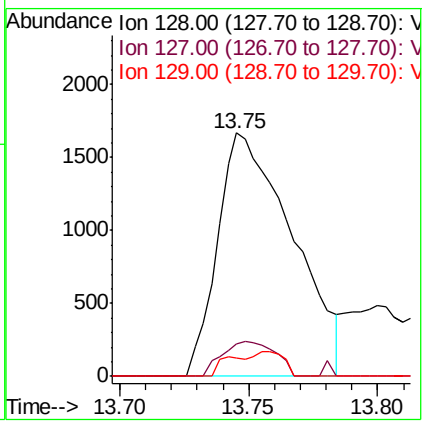


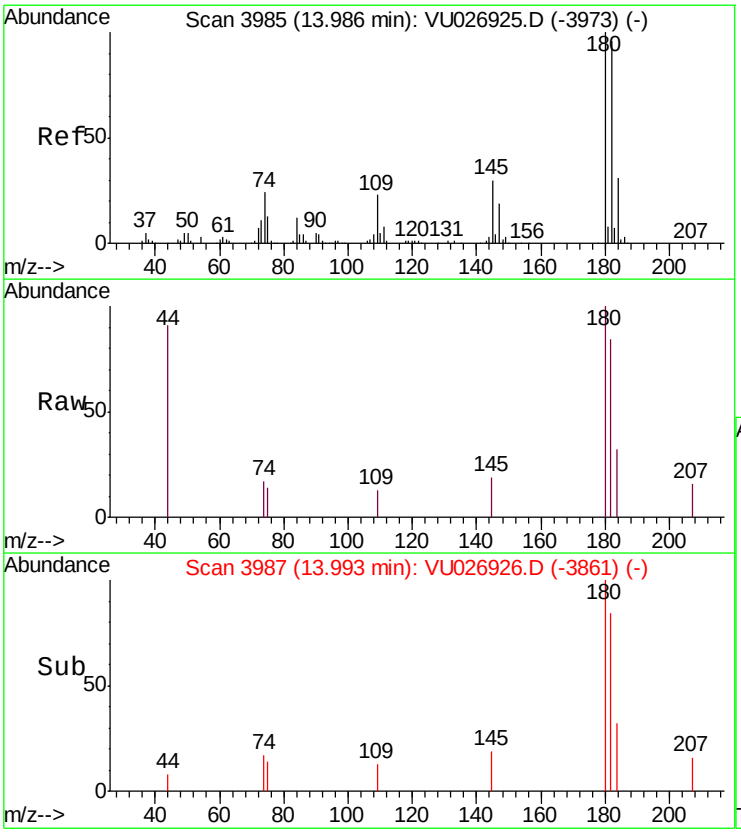
#69
Naphthalene
Concen: 0.665 ug/L
RT: 13.75 min Scan# 3910
Delta R.T. 0.00 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Instrument : MSVOA_U
ClientSampleId : VBLK47

Tgt Ion:128 Resp: 3365

Ion	Ratio	Lower	Upper
128	100		
127	10.2	10.2	15.4#
129	2.9	8.6	12.8#





#70
1,2,3-Trichlorobenzene
Concen: 0.824 ug/L
RT: 13.99 min Scan# 3987
Delta R.T. 0.01 min
Lab File: VU026926.D
Acq: 20 Sep 2018 10:12

Tgt Ion:180 Resp: 1560

Ion	Ratio	Lower	Upper
180	100		
182	84.0	75.6	113.4
145	11.7	23.8	35.6#