Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU102119\NOT REVIEWED DATA\
Data File : VU035322.D
Acq On : 21 Oct 2019 12:37
Operator : JC/SP
Sample : K5344-01
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId :

Quant Time: Oct 21 16:31:12 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM101919WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	669136	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.45	117	636061	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.84	152	242058	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.62	65	271189	47.11	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 94.22%			
7) Chloroethane-d5	1.93	69	234483	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.08%			
11) 1,1-Dichloroethene-d2	2.59	63	354399	37.31	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.62%			
21) 2-Butanone-d5	4.69	46	348654	91.38	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.38%			
24) Chloroform-d	5.11	84	430430	46.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.54%			
26) 1,2-Dichloroethane-d4	5.75	65	293052	48.06	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.12%			
32) Benzene-d6	5.77	84	914573	49.86	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.72%			
36) 1,2-Dichloropropane-d6	6.74	67	292554	49.91	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 99.82%			
41) Toluene-d8	7.93	98	859196	49.59	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 99.18%			
43) trans-1,3-Dichloropropene-	8.21	79	148665	48.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 97.92%			
47) 2-Hexanone-d5	8.68	63	242439	93.09	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.09%			
57) 1,1,2,2-Tetrachloroethane-	10.79	84	394698	45.30	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 90.60%			
64) 1,2-Dichlorobenzene-d4	12.22	152	263200	46.90	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 93.80%			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	3001	0.710	ug/L #	20
13) Acetone	2.67	43	55965	16.451	ug/L	99
16) Methylene chloride	3.08	84	24283	4.992	ug/L	98
25) Chloroform	5.14	83	14652	1.696	ug/L	93
39) cis-1,3-Dichloropropene	7.60	75	9063	1.204	ug/L #	71
53) m,p-Xylene	9.72	106	7527	0.931	ug/L	96
59) 1,2,3-Trichloropropane	11.84	75	29919	4.718	ug/L	91
66) 1,2-Dibromo-3-chloropropan	13.25	75	1589	1.280	ug/L #	1
67) 1,3,5-Trichlorobenzene	13.25	180	8600	1.954	ug/L	94
68) 1,2,4-trichlorobenzene	13.87	180	5159	1.778	ug/L	94
70) 1,2,3-Trichlorobenzene	14.35	180	17135	5.710	ug/L	99

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

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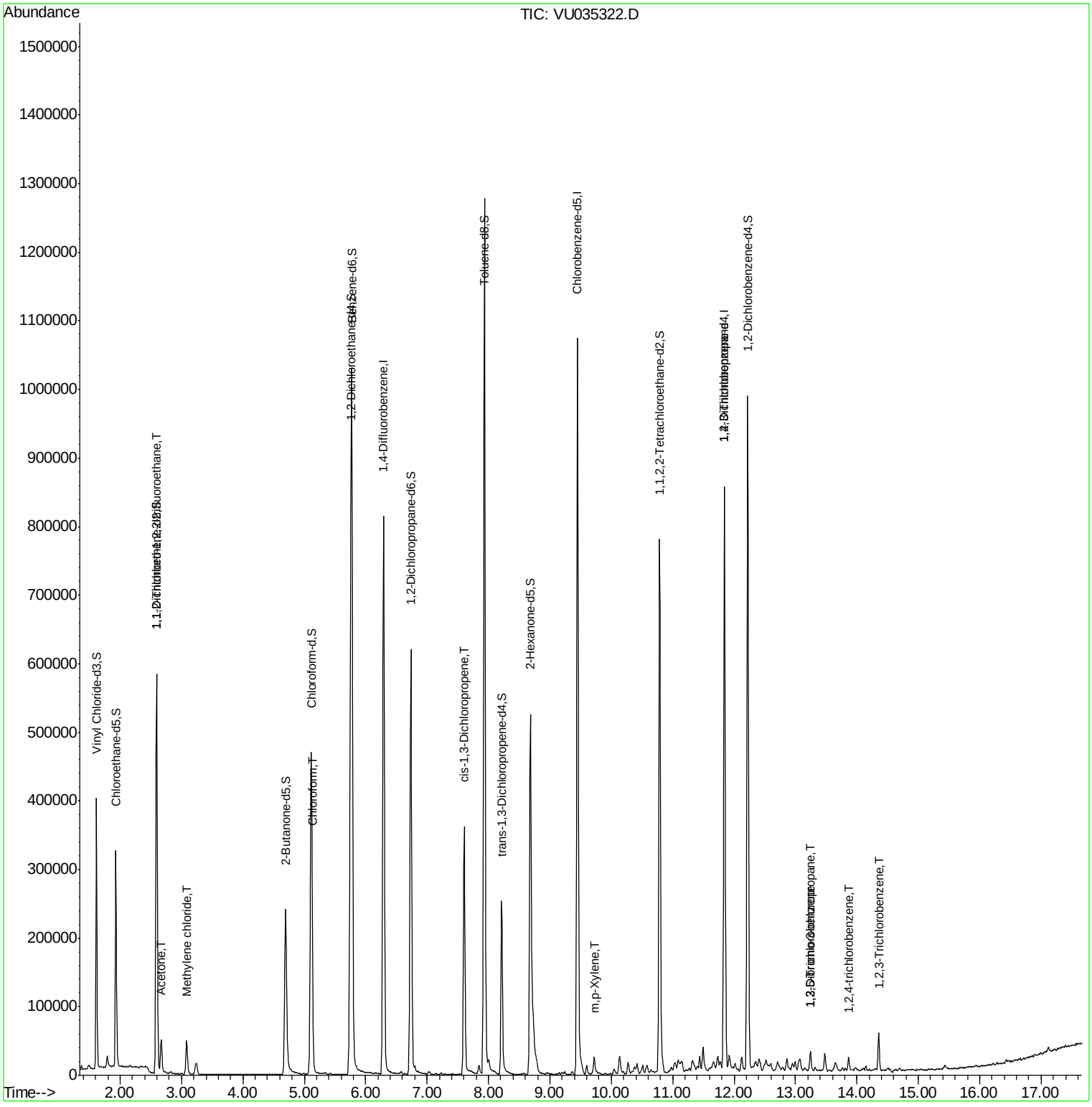
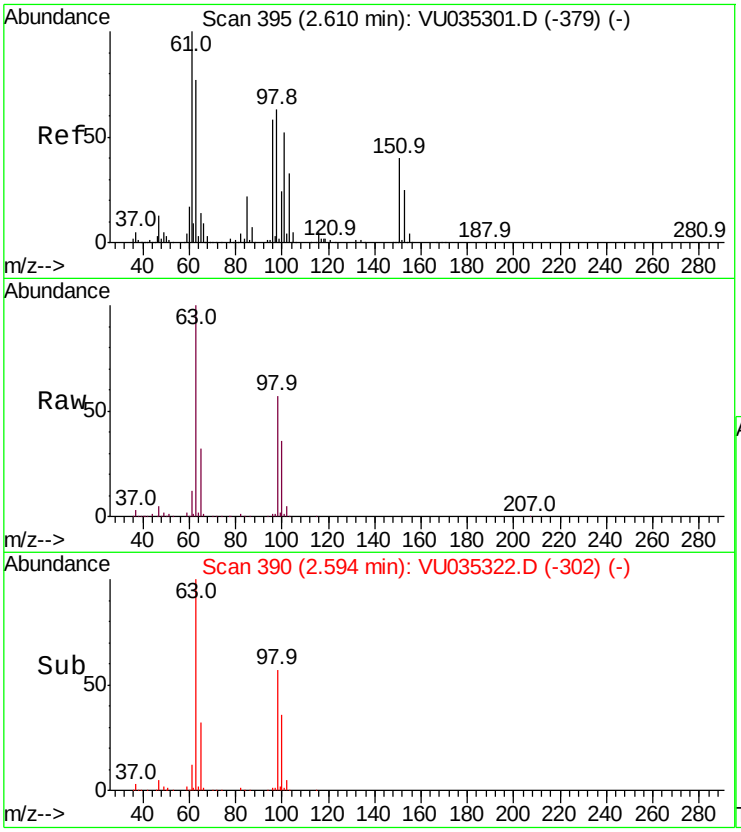
Quant Title : VOC Analysis
QLast Update : Mon Oct 21 05:38:49 2019
Response via : Initial Calibration



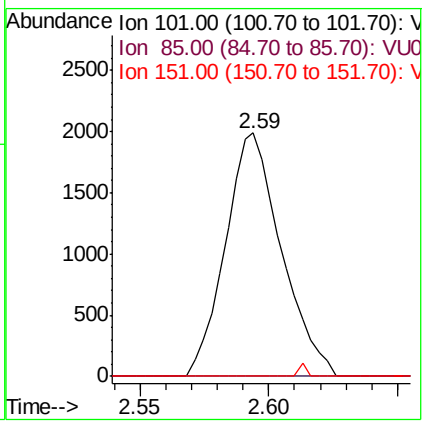


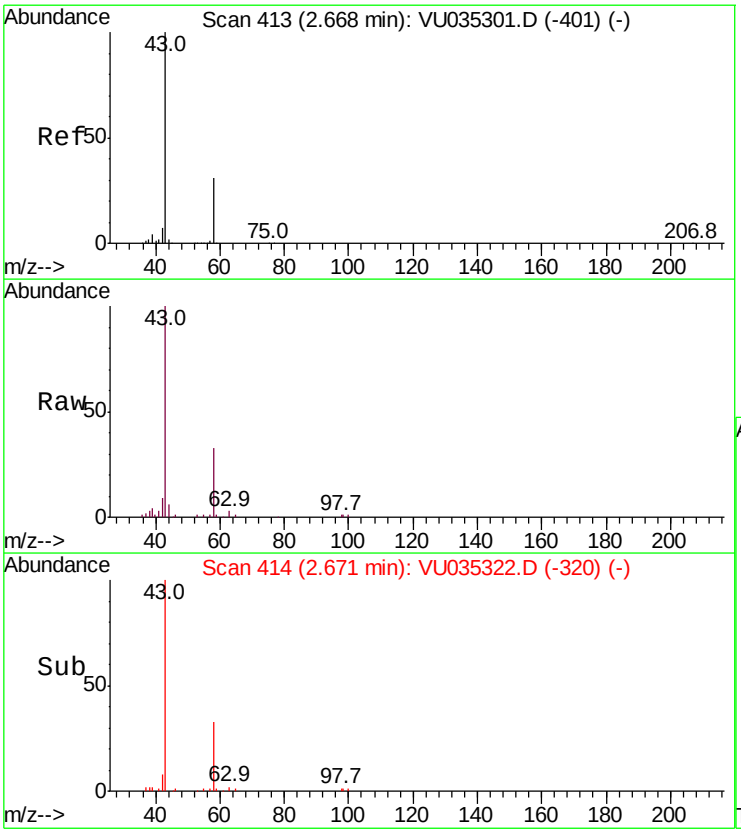
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.710 ug/L
RT: 2.59 min Scan# 390
Delta R.T. -0.02 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:101 Resp: 3001

Ion	Ratio	Lower	Upper
101	100		
85	0.0	33.7	50.5#
151	0.0	60.3	90.5#

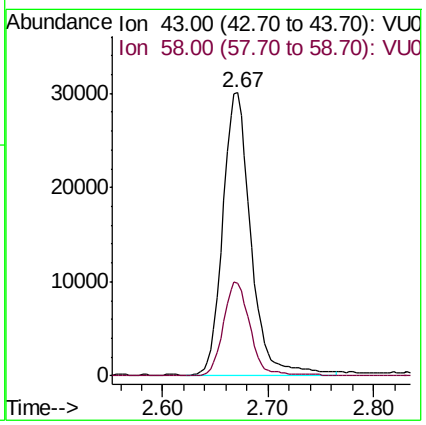


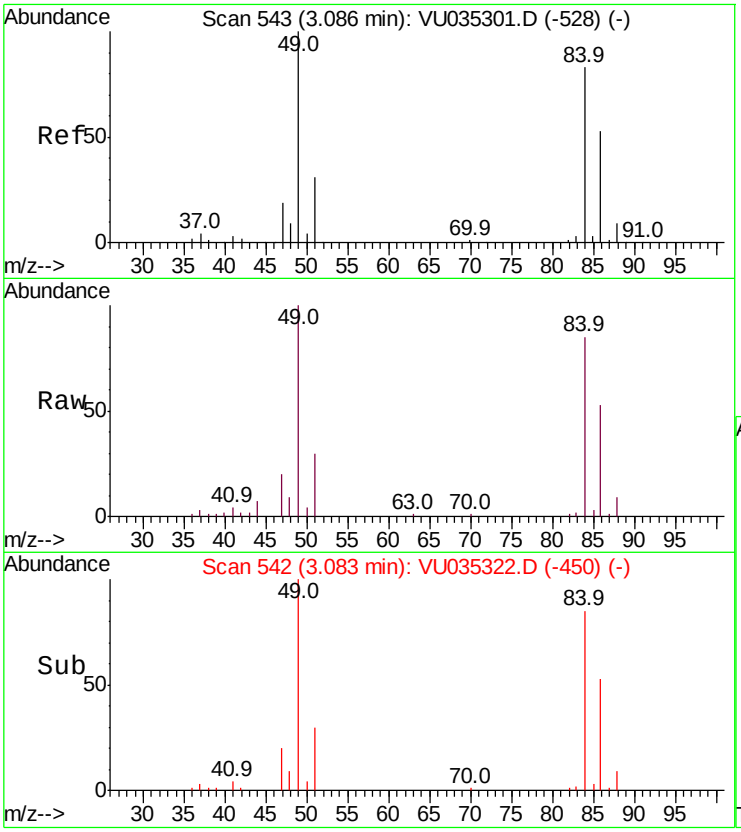


#13
Acetone
Concen: 16.451 ug/L
RT: 2.67 min Scan# 414
Delta R.T. 0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Tgt Ion: 43 Resp: 55965

Ion	Ratio	Lower	Upper
43	100		
58	30.9	0.0	62.8



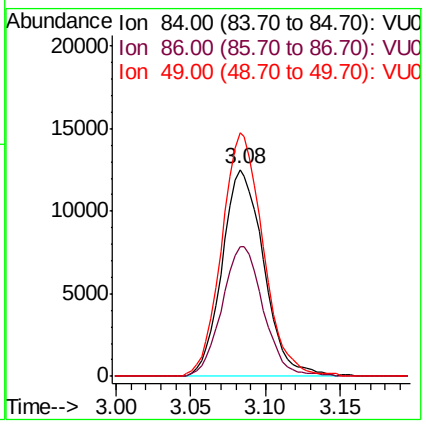


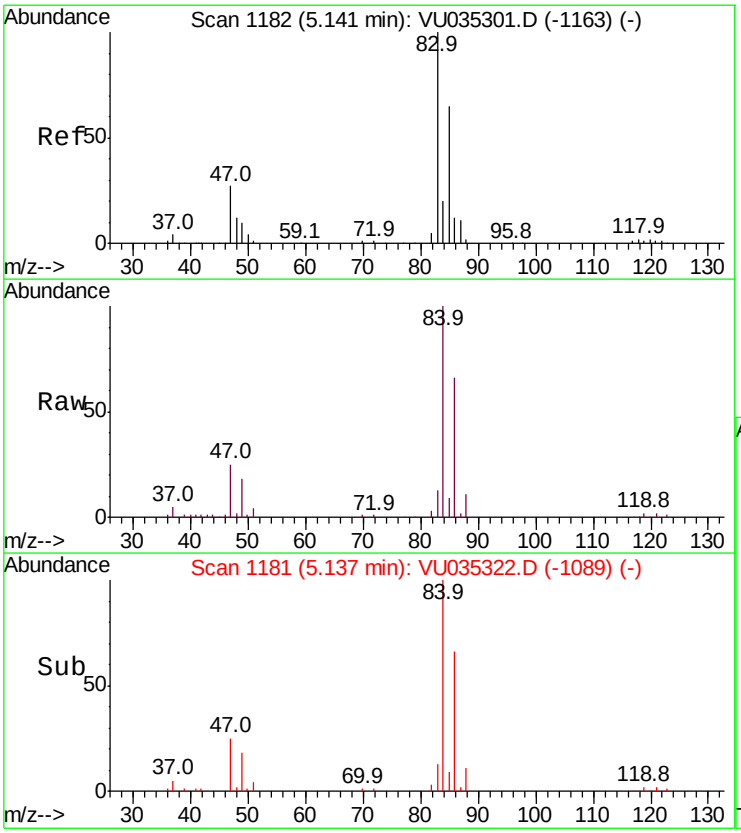
#16
Methylene chloride
Concen: 4.992 ug/L
RT: 3.08 min Scan# 542
Delta R.T. -0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 84 Resp: 24283

Ion	Ratio	Lower	Upper
84	100		
86	62.8	44.4	82.5
49	117.9	84.0	156.0

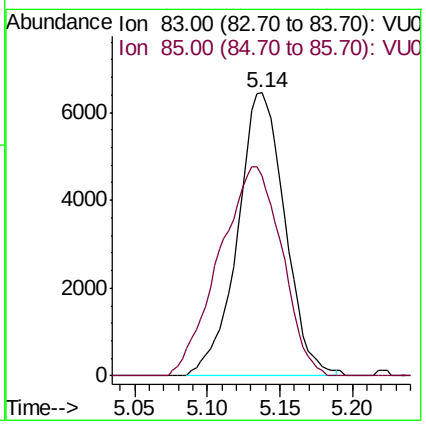


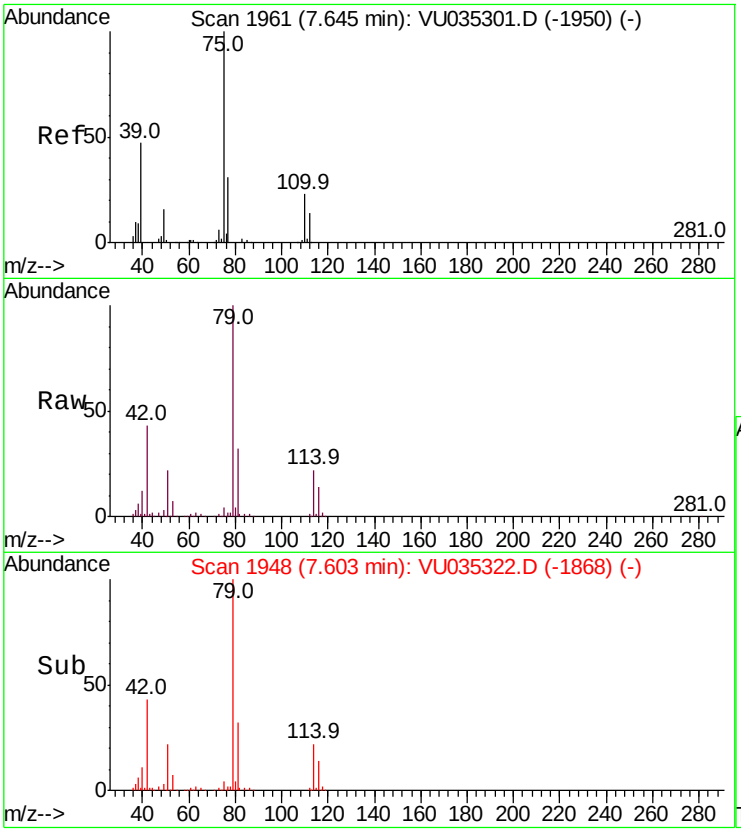


#25
Chloroform
Concen: 1.696 ug/L
RT: 5.14 min Scan# 1181
Delta R.T. -0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Tgt Ion: 83 Resp: 14652

Ion	Ratio	Lower	Upper
83	100		
85	70.7	45.5	84.5



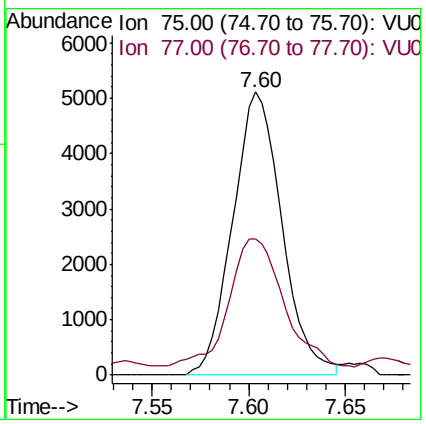


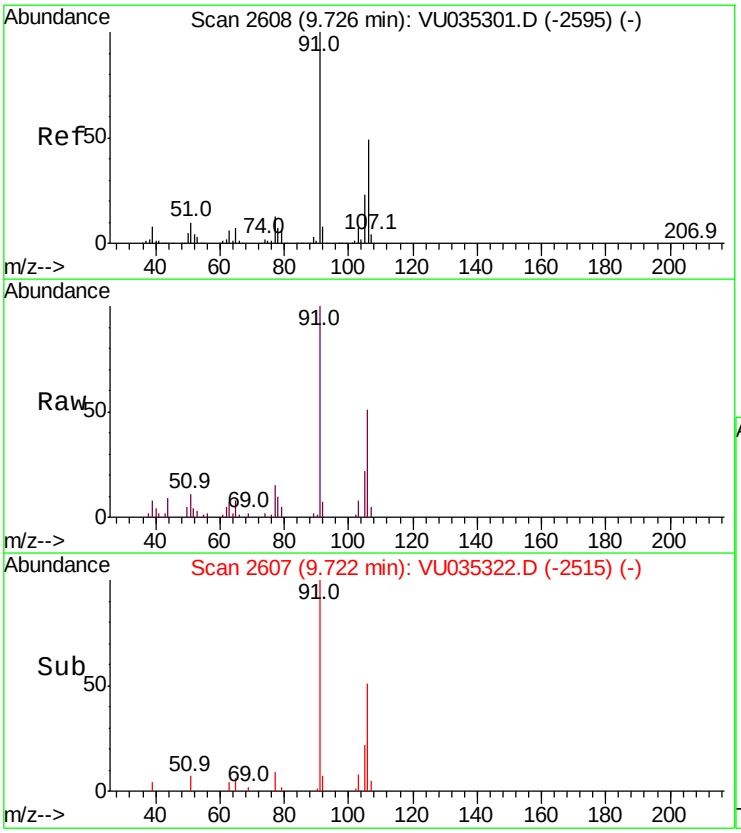
#39
cis-1,3-Dichloropropene
Concen: 1.204 ug/L
RT: 7.60 min Scan# 1948
Delta R.T. -0.04 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument : MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 9063

Ion	Ratio	Lower	Upper
75	100		
77	48.0	22.3	41.5#

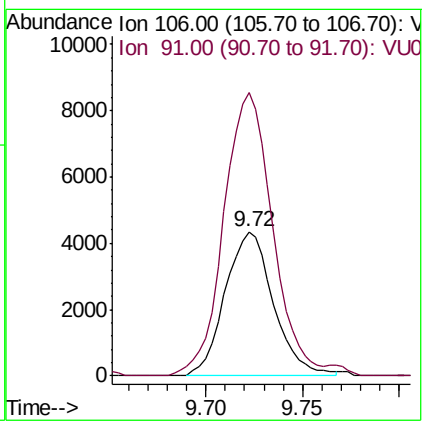


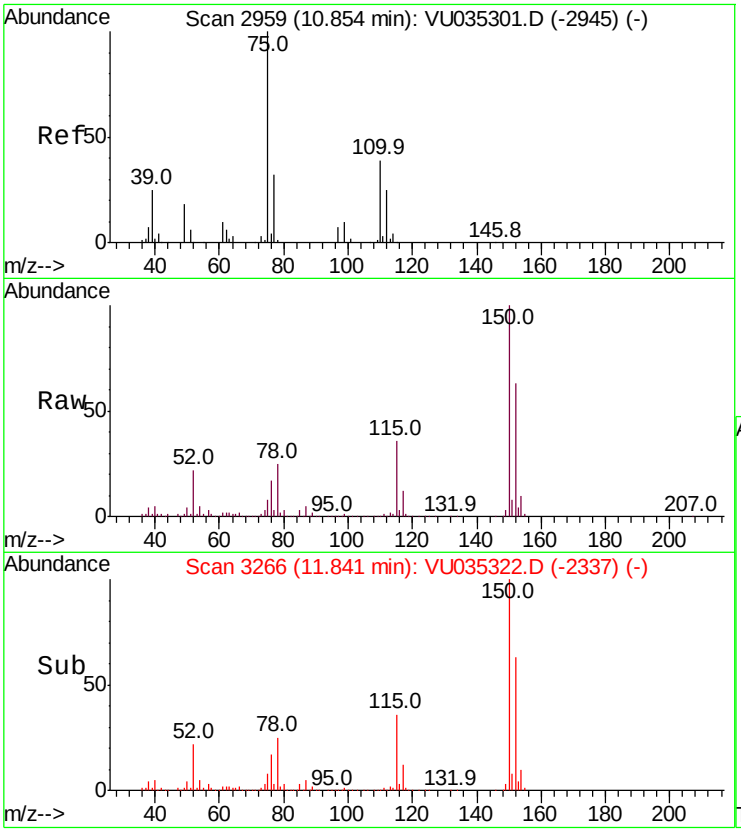


#53
m,p-Xylene
Concen: 0.931 ug/L
RT: 9.72 min Scan# 2607
Delta R.T. -0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Tgt Ion:106 Resp: 7527

Ion	Ratio	Lower	Upper
106	100		
91	196.4	141.5	262.9



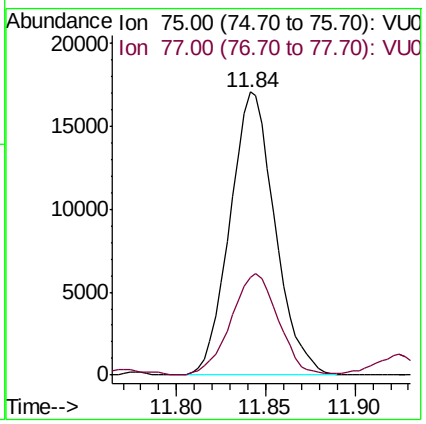


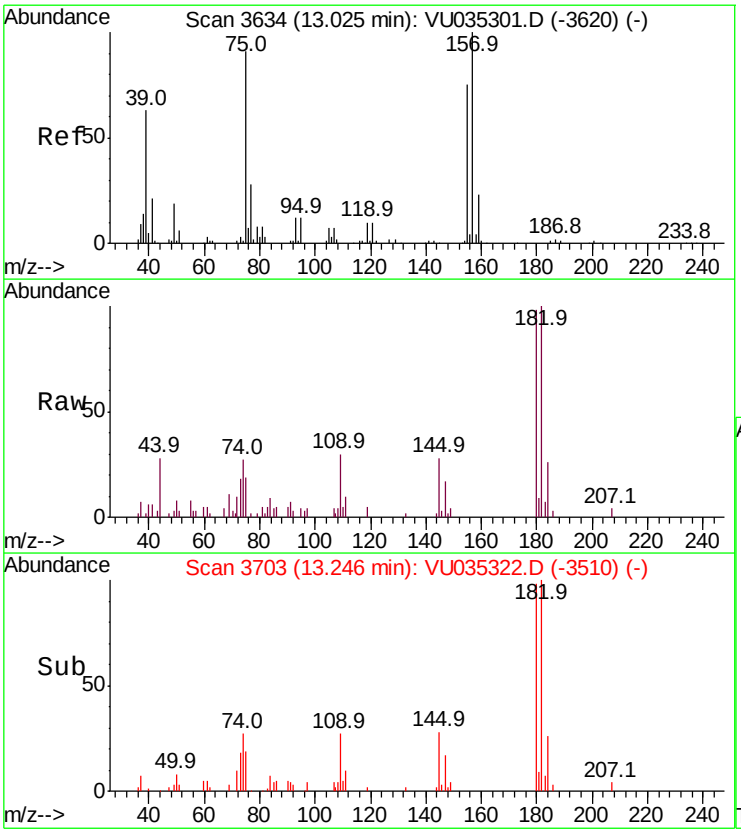
#59
1,2,3-Trichloropropane
Concen: 4.718 ug/L
RT: 11.84 min Scan# 3266
Delta R.T. 0.99 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion: 75 Resp: 29919

Ion	Ratio	Lower	Upper
75	100		
77	37.9	26.2	39.2

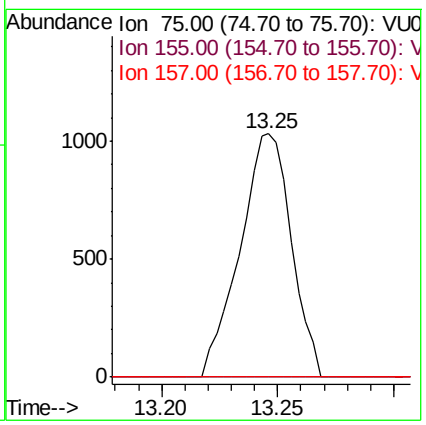


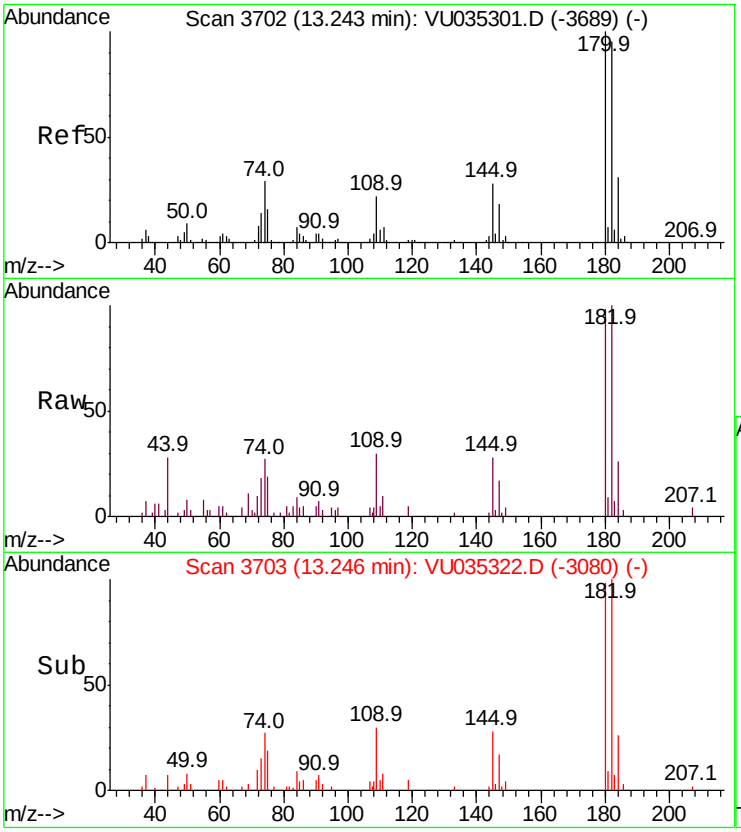


#66
1,2-Dibromo-3-chloropropane
Concen: 1.280 ug/L
RT: 13.25 min Scan# 3703
Delta R.T. 0.22 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Tgt Ion: 75 Resp: 1589

Ion	Ratio	Lower	Upper
75	100		
155	0.0	66.2	99.2#
157	0.0	88.2	132.2#



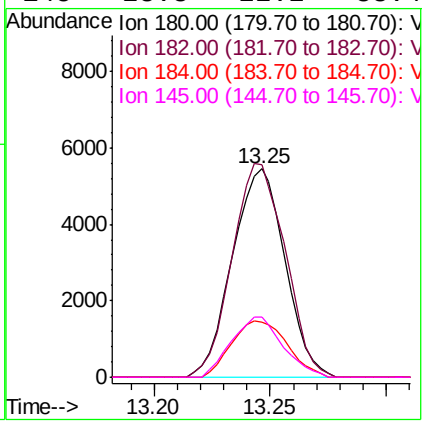


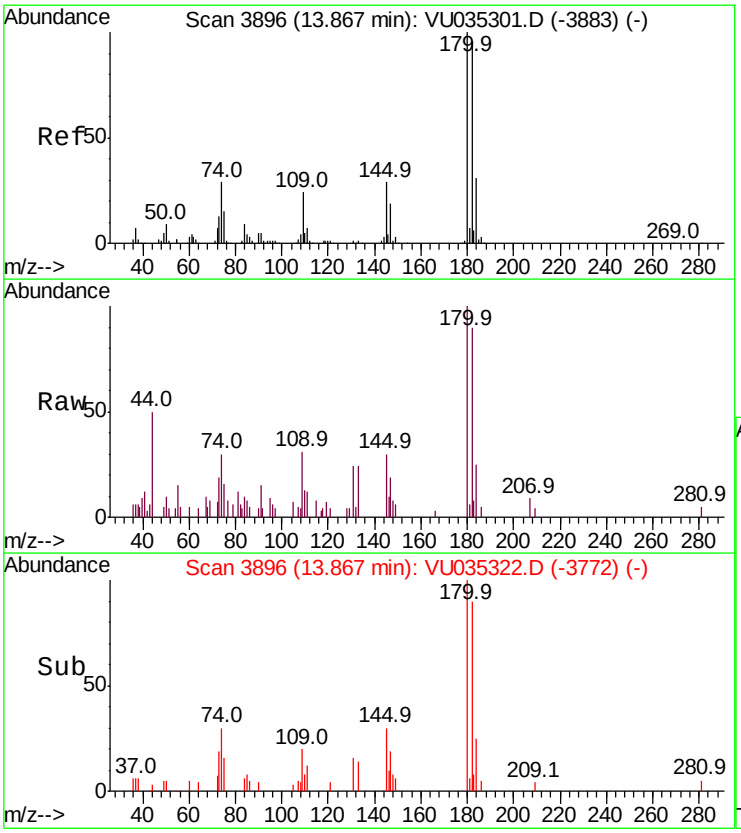
#67
1,3,5-Trichlorobenzene
Concen: 1.954 ug/L
RT: 13.25 min Scan# 3703
Delta R.T. 0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 8600

Ion	Ratio	Lower	Upper
180	100		
182	103.3	76.5	114.7
184	28.6	24.5	36.7
145	28.3	22.2	33.4

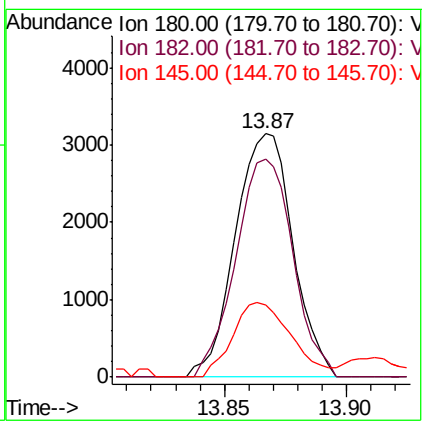


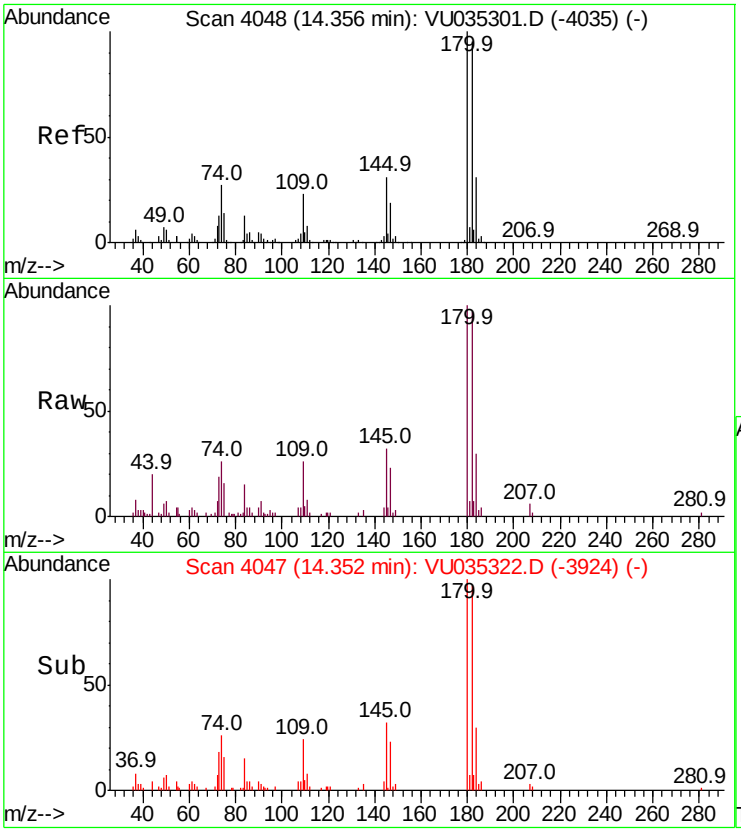


#68
1,2,4-trichlorobenzene
Concen: 1.778 ug/L
RT: 13.87 min Scan# 3896
Delta R.T. -0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Tgt Ion:180 Resp: 5159

Ion	Ratio	Lower	Upper
180	100		
182	88.9	76.2	114.2
145	31.4	22.8	34.2





#70
1,2,3-Trichlorobenzene
Concen: 5.710 ug/L
RT: 14.35 min Scan# 4047
Delta R.T. -0.00 min
Lab File: VU035322.D
Acq: 21 Oct 2019 12:37

Instrument :
MSVOA_U
ClientSampleId :

Tgt Ion:180 Resp: 17135

Ion	Ratio	Lower	Upper
180	100		
182	95.5	76.2	114.2
145	33.1	24.2	36.4