Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

Quantitation Report (Not Reviewed)

Data File : VU030478.D
Acq On : 27 Mar 2019 13:09
Operator : JC/SP
Sample : K2022-18 20X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09F3

Quant Time: Mar 28 01:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	427061	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	418481	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173185	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	157013	45.68	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 91.36%			
7) Chloroethane-d5	1.68	69	134499	49.37	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 98.74%			
11) 1,1-Dichloroethene-d2	2.27	63	227935	34.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.92%			
21) 2-Butanone-d5	4.17	46	337753	104.54	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.54%			
24) Chloroform-d	4.65	84	297151	50.18	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.36%			
26) 1,2-Dichloroethane-d4	5.31	65	201444	51.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 103.98%			
32) Benzene-d6	5.34	84	596619	49.71	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.42%			
36) 1,2-Dichloropropane-d6	6.33	67	211685	51.56	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.12%			
41) Toluene-d8	7.56	98	509855	47.31	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.62%			
43) trans-1,3-Dichloropropene-	7.85	79	91758	47.53	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.06%			
47) 2-Hexanone-d5	8.31	63	214084	96.22	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.22%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291953	49.69	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.38%			
64) 1,2-Dichlorobenzene-d4	11.86	152	183056	52.75	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 105.50%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1768	0.567	ug/L #	21
39) cis-1,3-Dichloropropene	7.22	75	5171	0.890	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3635	0.711	ug/L	89
48) 2-Hexanone	8.31	43	26091	4.688	ug/L #	73
51) Chlorobenzene	9.12	112	340776	38.032	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	6875	1.397	ug/L #	43
62) 1,3-Dichlorobenzene	11.41	146	20722	3.659	ug/L	95
63) 1,4-Dichlorobenzene	11.50	146	76130	13.057	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	784829	137.045	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	75229	17.743	ug/L	97
68) 1,2,4-trichlorobenzene	13.50	180	75229	20.421	ug/L	97
70) 1,2,3-Trichlorobenzene	13.99	180	12946	3.328	ug/L	96

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

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Data File : VU030478.D
Acq On : 27 Mar 2019 13:09
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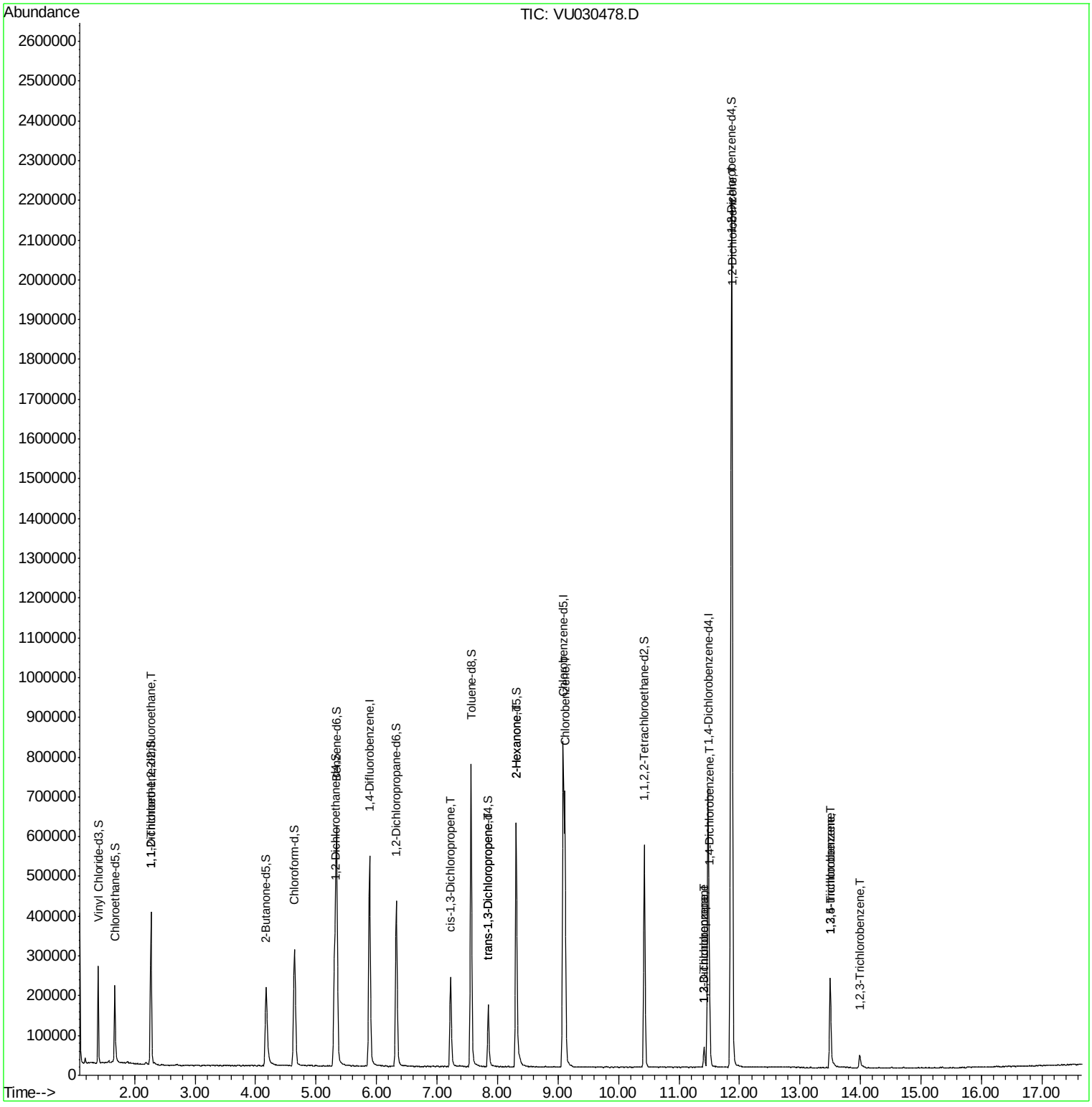
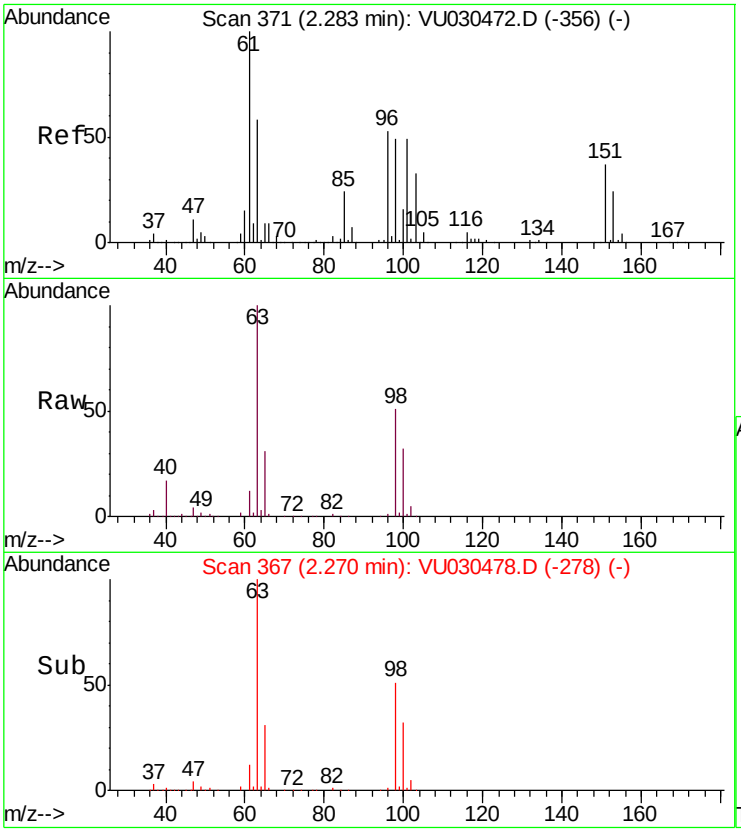
C09F3

Quant Time: Mar 28 01:30:15 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 01:25:46 2019
Response via : Initial Calibration



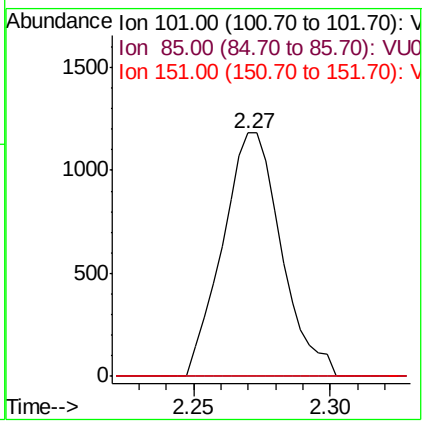


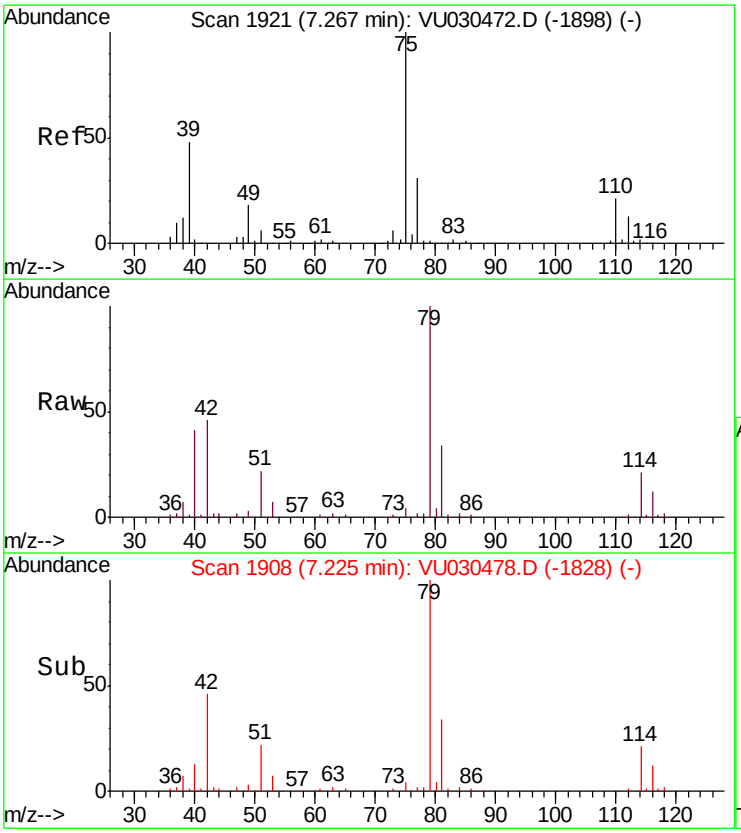
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.567 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument : MSVOA_U
ClientSampleId : C09F3

Tgt Ion:101 Resp: 1768

Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

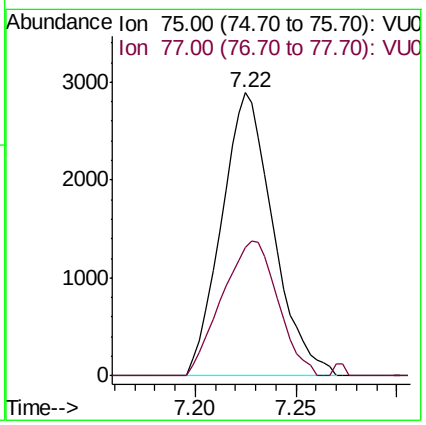


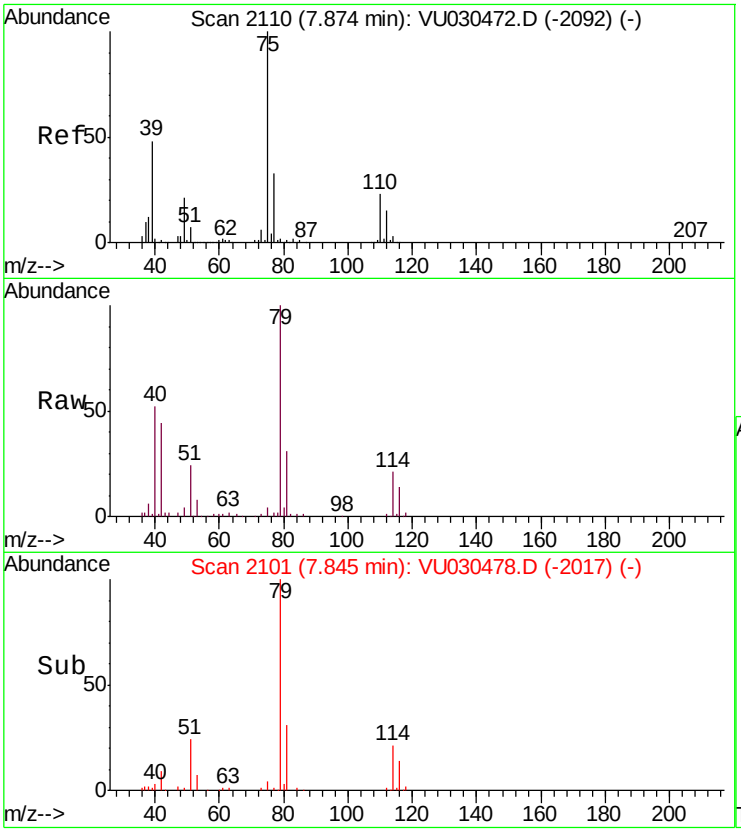


#39
cis-1,3-Dichloropropene
Concen: 0.890 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion: 75 Resp: 5171

Ion	Ratio	Lower	Upper
75	100		
77	45.2	21.8	40.6#



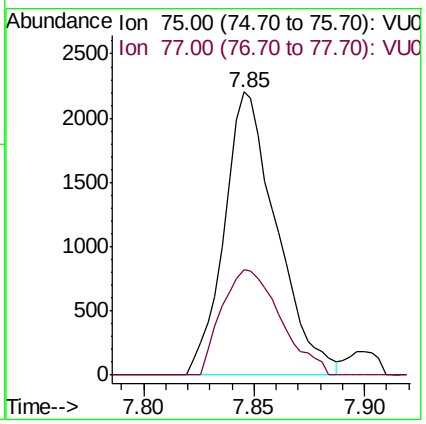


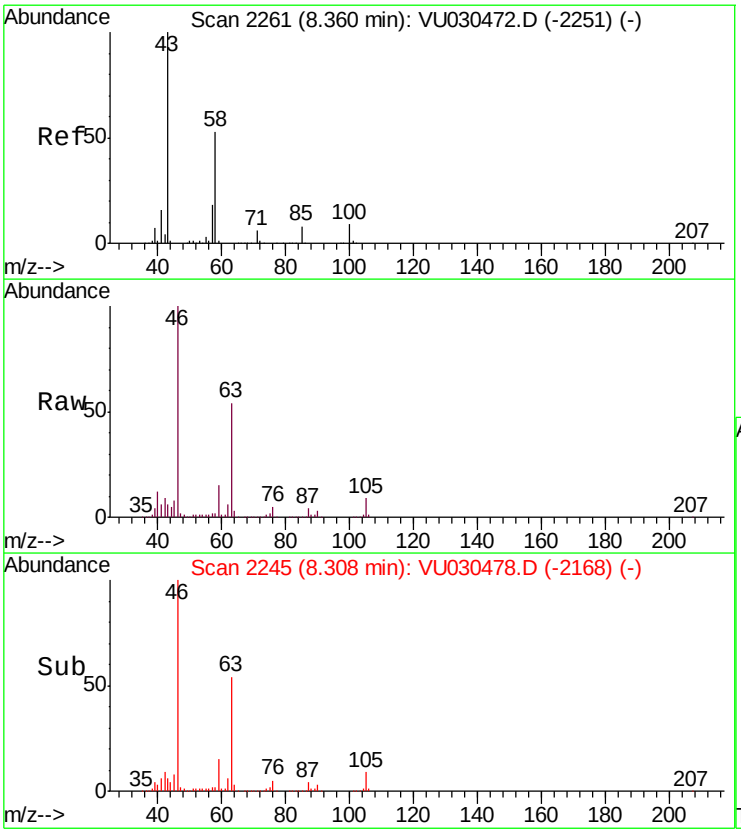
#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
C09F3

Tgt Ion: 75 Resp: 3635

Ion	Ratio	Lower	Upper
75	100		
77	37.5	22.0	40.8

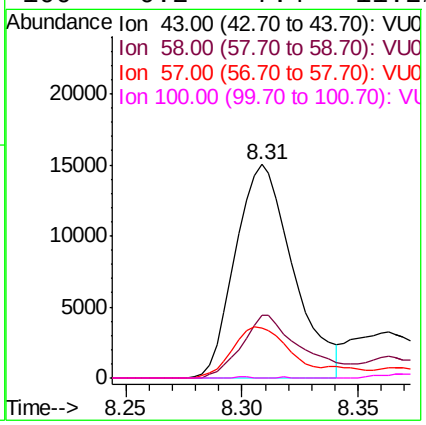


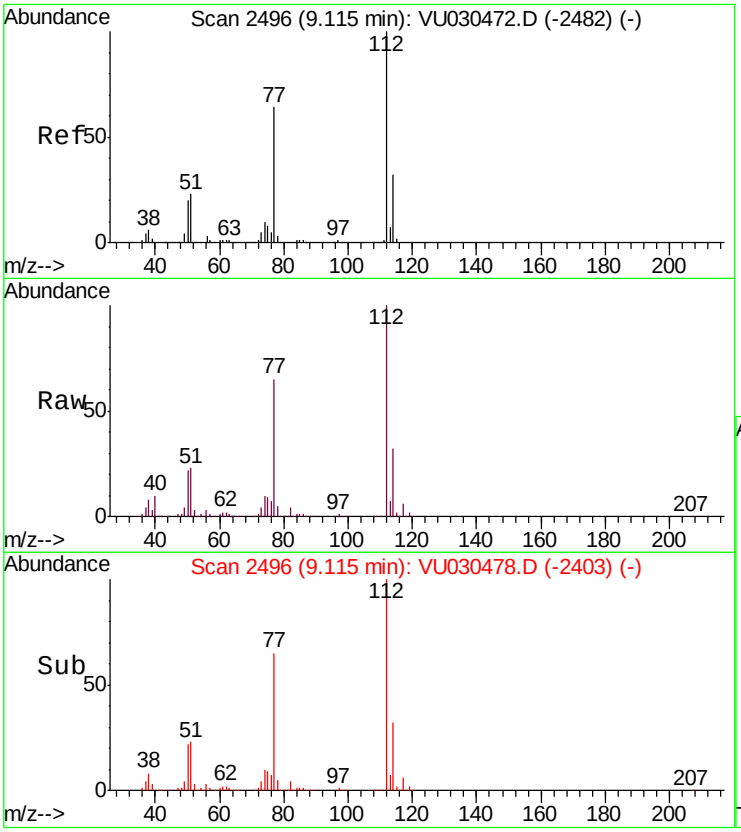


#48
2-Hexanone
Concen: 4.688 ug/L
RT: 8.31 min Scan# 2245
Delta R.T. -0.05 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion: 43 Resp: 26091

Ion	Ratio	Lower	Upper
43	100		
58	30.0	42.5	63.7#
57	23.5	15.0	22.6#
100	0.2	7.4	11.2#



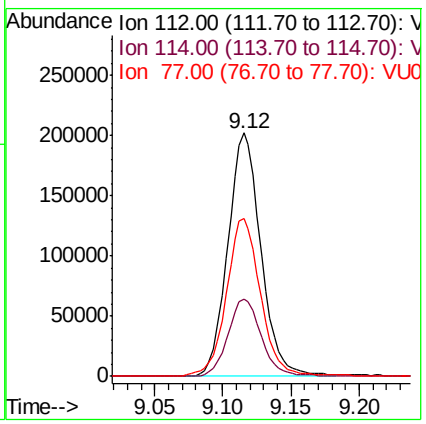


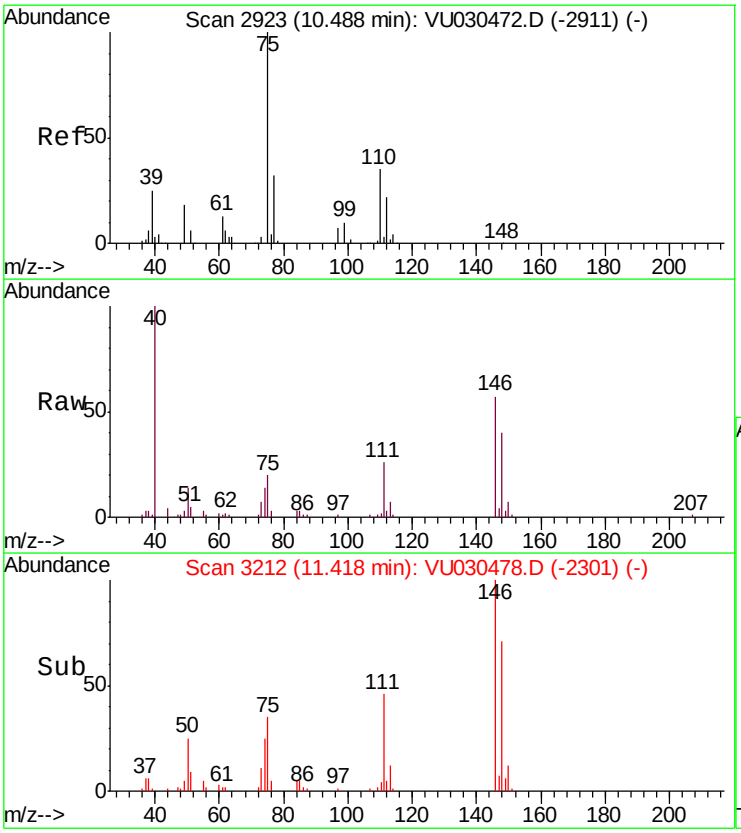
#51
Chlorobenzene
Concen: 38.032 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
C09F3

Tgt Ion:112 Resp: 340776

Ion	Ratio	Lower	Upper
112	100		
114	31.8	21.5	39.9
77	64.9	51.4	77.0

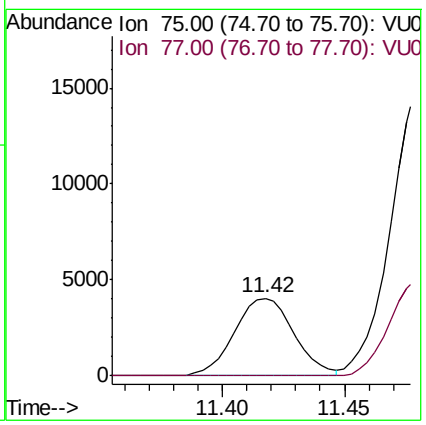


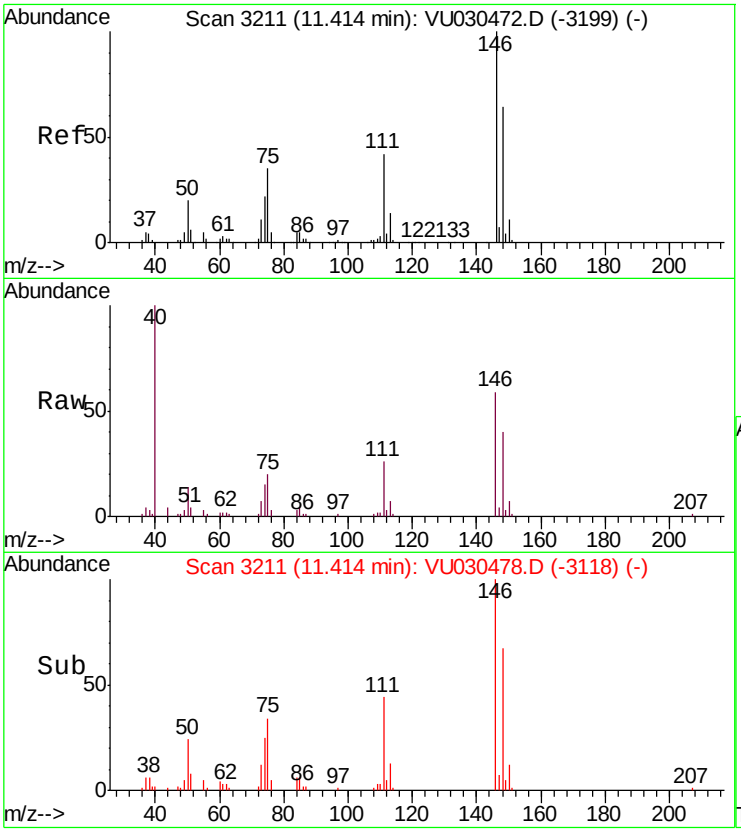


#59
1,2,3-Trichloropropane
Concen: 1.397 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.93 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion: 75 Resp: 6875

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.4	38.2#



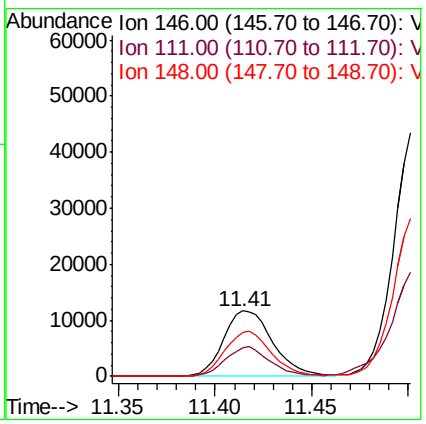


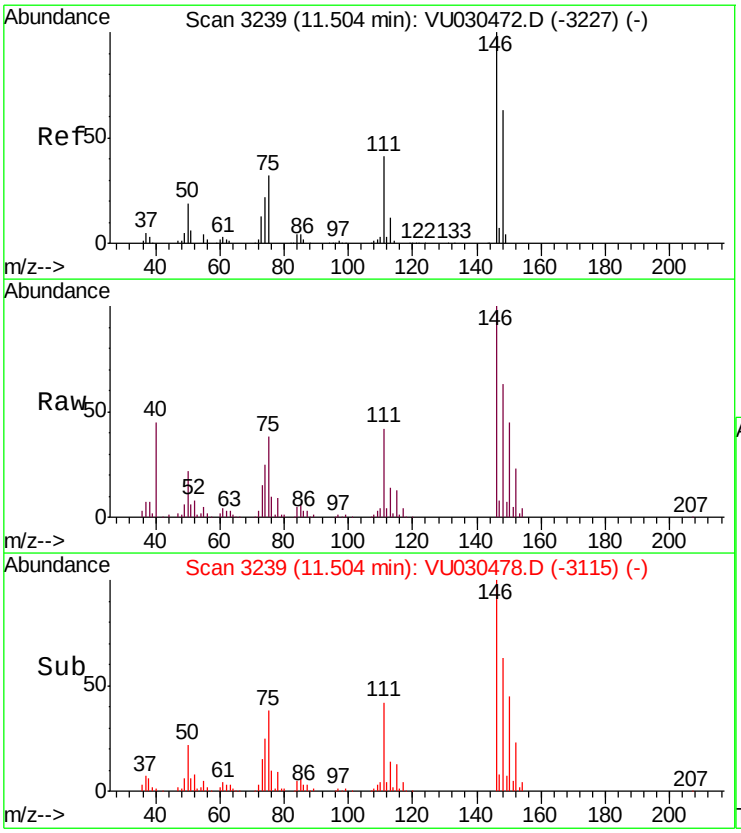
#62
1,3-Dichlorobenzene
Concen: 3.659 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
C09F3

Tgt Ion:146 Resp: 20722

Ion	Ratio	Lower	Upper
146	100		
111	44.5	29.2	54.2
148	67.3	44.4	82.4

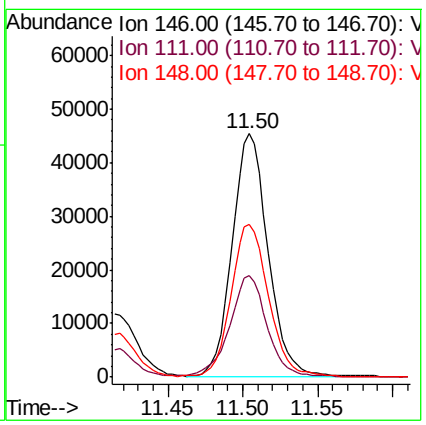


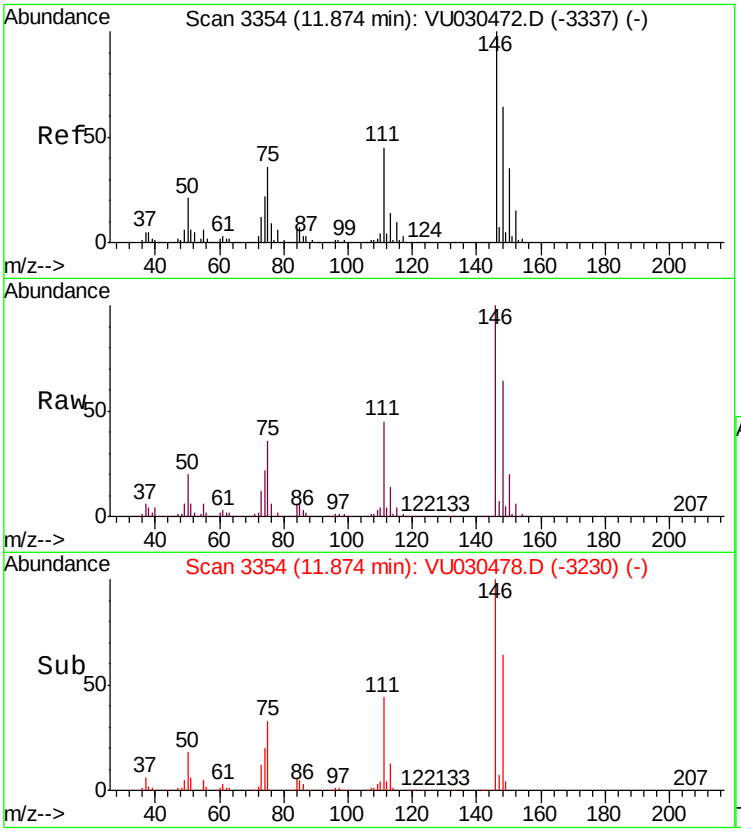


#63
1,4-Dichlorobenzene
Concen: 13.057 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion:146 Resp: 76130

Ion	Ratio	Lower	Upper
146	100		
111	41.8	28.7	53.3
148	62.8	44.3	82.3



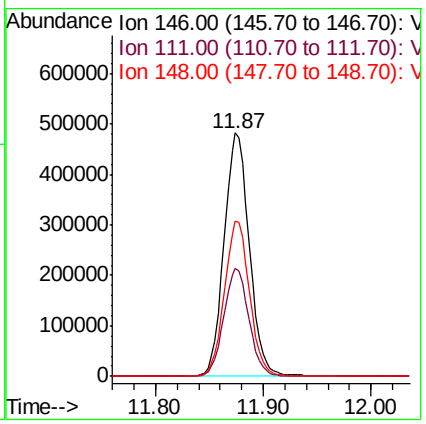


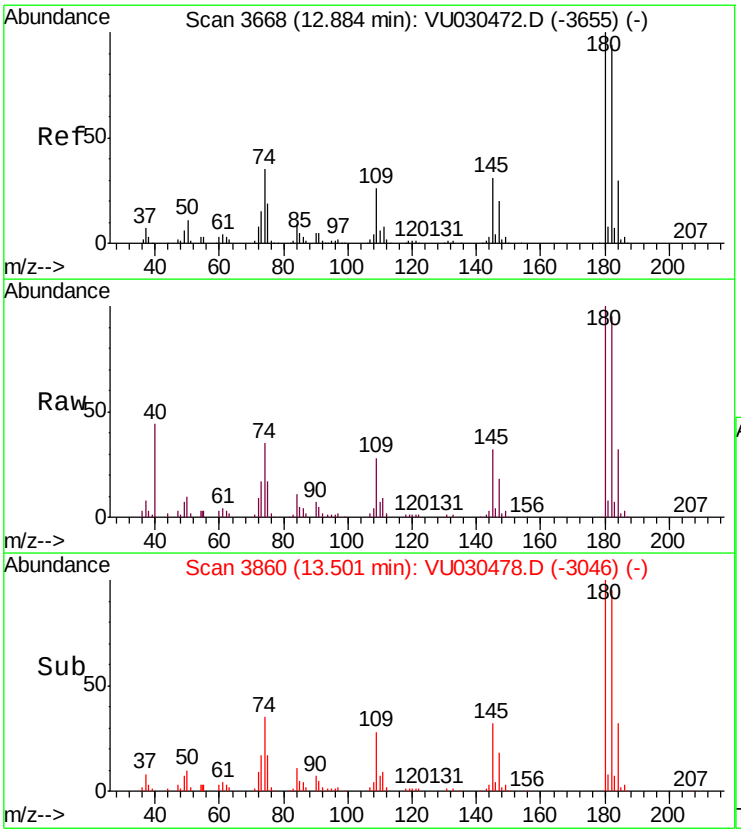
#65
1,2-Dichlorobenzene
Concen: 137.045 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument : MSVOA_U
ClientSampleId : C09F3

Tgt Ion:146 Resp: 784829

Ion	Ratio	Lower	Upper
146	100		
111	44.6	34.9	52.3
148	63.9	51.2	76.8

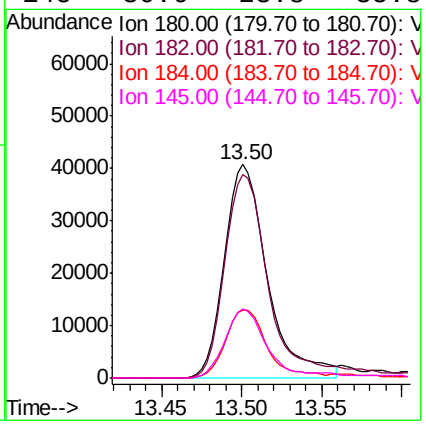


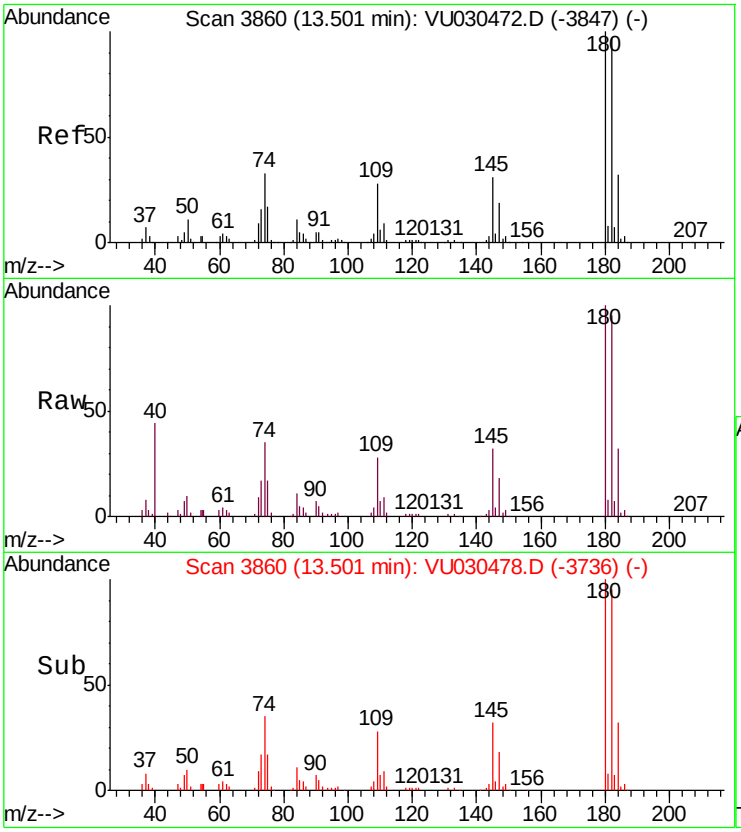


#67
1,3,5-Trichlorobenzene
Concen: 17.743 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion:180 Resp: 75229

Ion	Ratio	Lower	Upper
180	100		
182	99.0	75.9	113.9
184	30.6	24.1	36.1
145	30.6	23.8	35.8



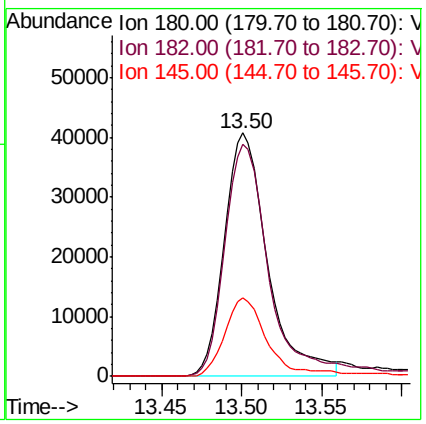


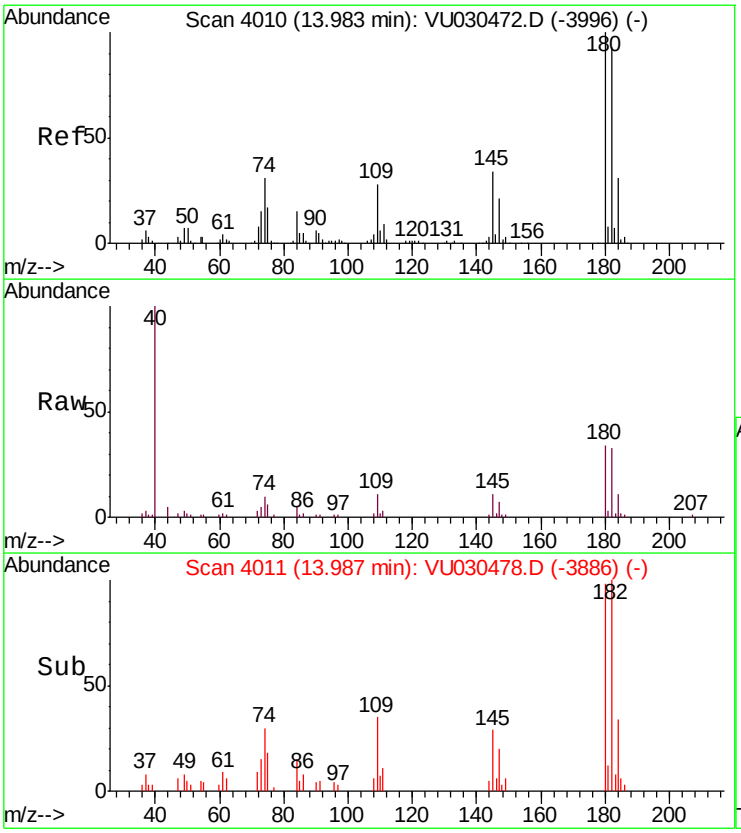
#68
1,2,4-trichlorobenzene
Concen: 20.421 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. -0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Instrument :
MSVOA_U
ClientSampleId :
C09F3

Tgt Ion:180 Resp: 75229

Ion	Ratio	Lower	Upper
180	100		
182	99.0	76.1	114.1
145	30.6	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 3.328 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030478.D
Acq: 27 Mar 2019 13:09

Tgt Ion:180 Resp: 12946

Ion	Ratio	Lower	Upper
180	100		
182	100.6	77.4	116.2
145	34.9	25.9	38.9