Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

Quantitation Report (Not Reviewed)

Data File : VU030277.D
Acq On : 21 Mar 2019 19:44
Operator : JC/SP
Sample : K2022-08DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09C8DL

Quant Time: Mar 22 05:19:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	525501	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	524655	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	254481	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	174450	49.09	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 98.18%			
7) Chloroethane-d5	1.68	69	137908	48.54	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 97.08%			
11) 1,1-Dichloroethene-d2	2.27	63	228796	35.29	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 70.58%			
21) 2-Butanone-d5	4.18	46	240950	91.40	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 91.40%			
24) Chloroform-d	4.65	84	293907	45.07	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 90.14%			
26) 1,2-Dichloroethane-d4	5.31	65	171612	46.14	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 92.28%			
32) Benzene-d6	5.34	84	645855	46.72	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 93.44%			
36) 1,2-Dichloropropane-d6	6.33	67	200220	46.80	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 93.60%			
41) Toluene-d8	7.56	98	580402	44.65	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 89.30%			
43) trans-1,3-Dichloropropene-	7.85	79	87326	41.92	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 83.84%			
47) 2-Hexanone-d5	8.31	63	194738	87.78	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 87.78%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287099	43.75	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 87.50%			
64) 1,2-Dichlorobenzene-d4	11.72	152	102	0.02	ug/L	-0.14
Spiked Amount 50.000	Range 80 - 120		Recovery = 0.04%#			

Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	2476	0.701	ug/L #	18
39) cis-1,3-Dichloropropene	7.22	75	4610	0.741	ug/L #	81
44) trans-1,3-Dichloropropene	7.85	75	3034	0.564	ug/L	84
48) 2-Hexanone	8.37	43	6052	1.369	ug/L #	55
51) Chlorobenzene	9.12	112	771856	70.811	ug/L	100
59) 1,2,3-Trichloropropane	11.41	75	27873	5.320	ug/L #	43
62) 1,3-Dichlorobenzene	11.41	146	105588	13.005	ug/L	99
63) 1,4-Dichlorobenzene	11.50	146	722863	85.833	ug/L	99
65) 1,2-Dichlorobenzene	11.88	146	1891269	227.994	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	510296	80.420	ug/L	98
68) 1,2,4-trichlorobenzene	13.50	180	510296	90.940	ug/L	99
70) 1,2,3-Trichlorobenzene	13.98	180	70289	12.005	ug/L	99

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

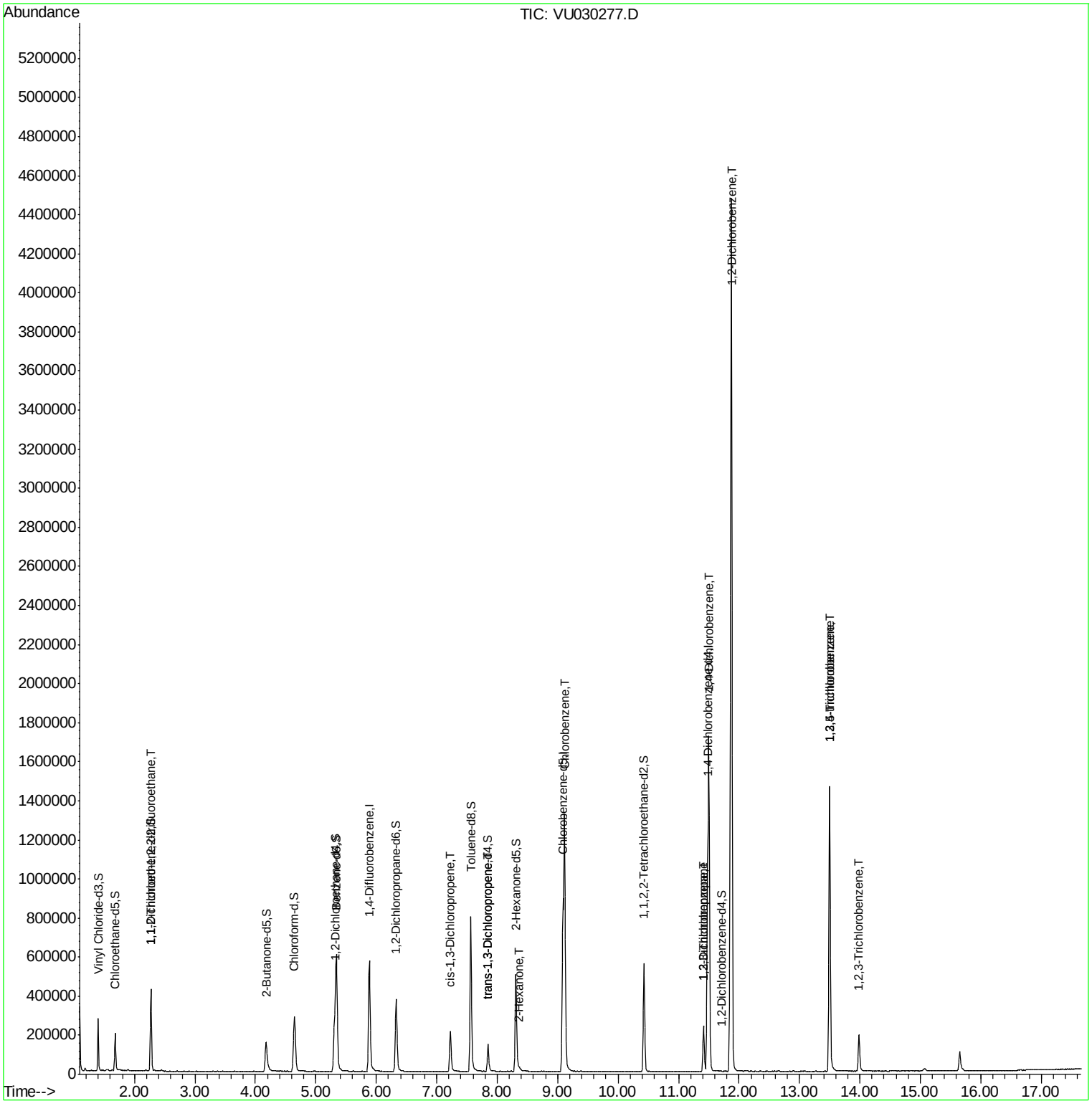
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032119\

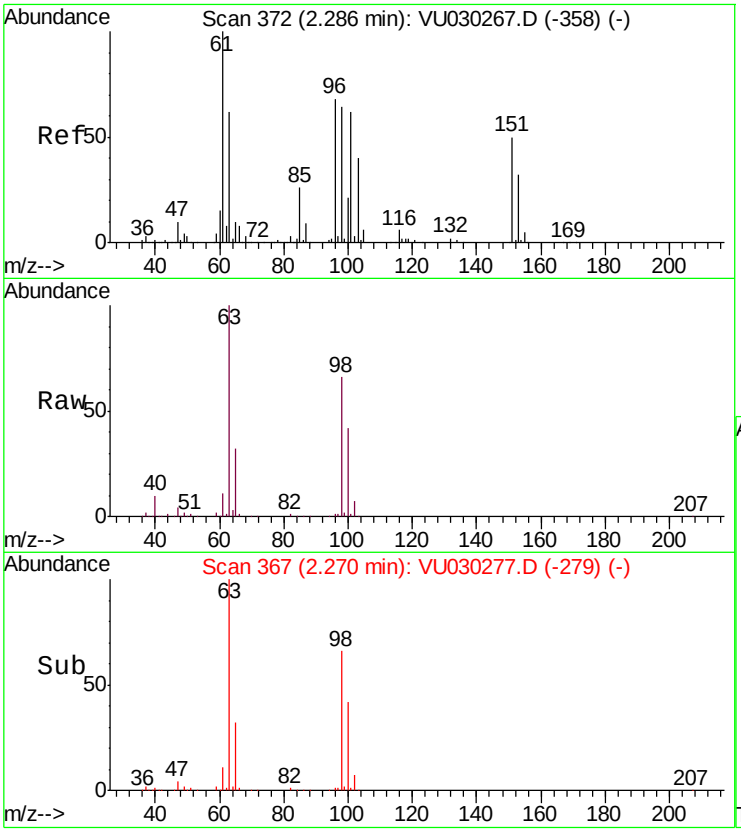
Quantitation Report (Not Reviewed)

Data File : VU030277.D
Acq On : 21 Mar 2019 19:44
Operator : JC/SP
Sample : K2022-08DL 50X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Quant Time: Mar 22 05:19:10 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031919WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Mar 22 05:14:44 2019
Response via : Initial Calibration



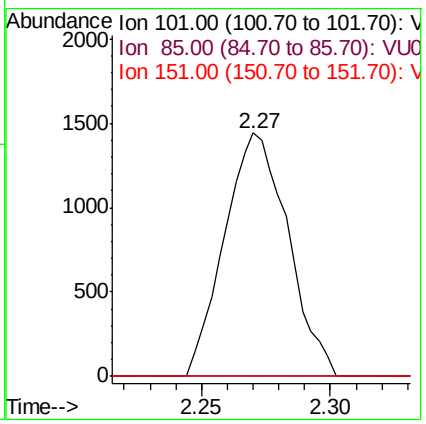


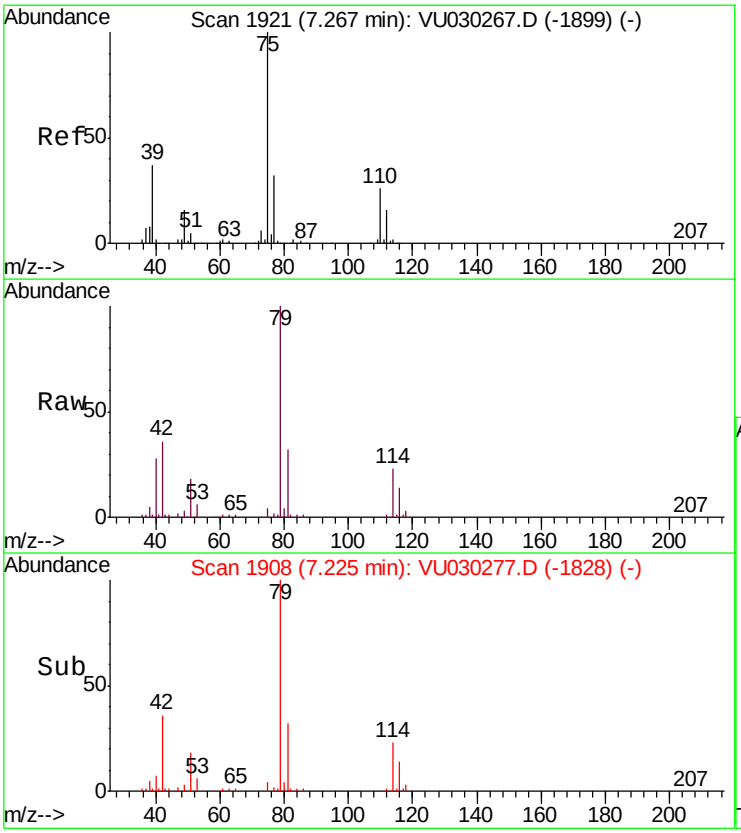
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.701 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.02 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion:101 Resp: 2476

Ion	Ratio	Lower	Upper
101	100		
85	0.0	32.5	48.7#
151	0.0	64.7	97.1#

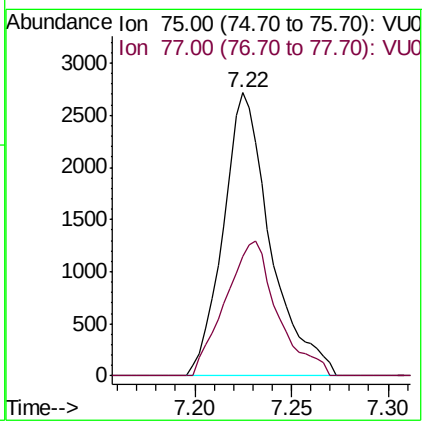


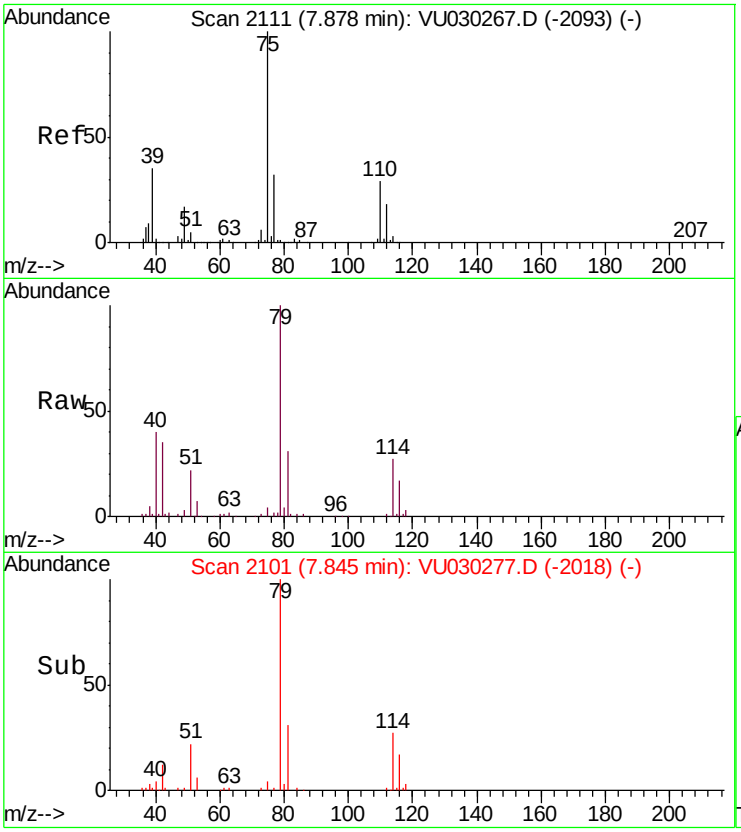


#39
cis-1,3-Dichloropropene
Concen: 0.741 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion: 75 Resp: 4610

Ion	Ratio	Lower	Upper
75	100		
77	42.1	22.1	41.1#



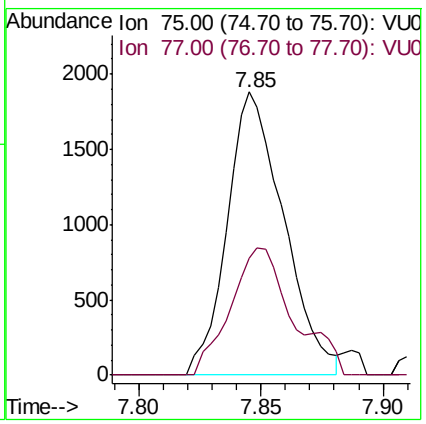


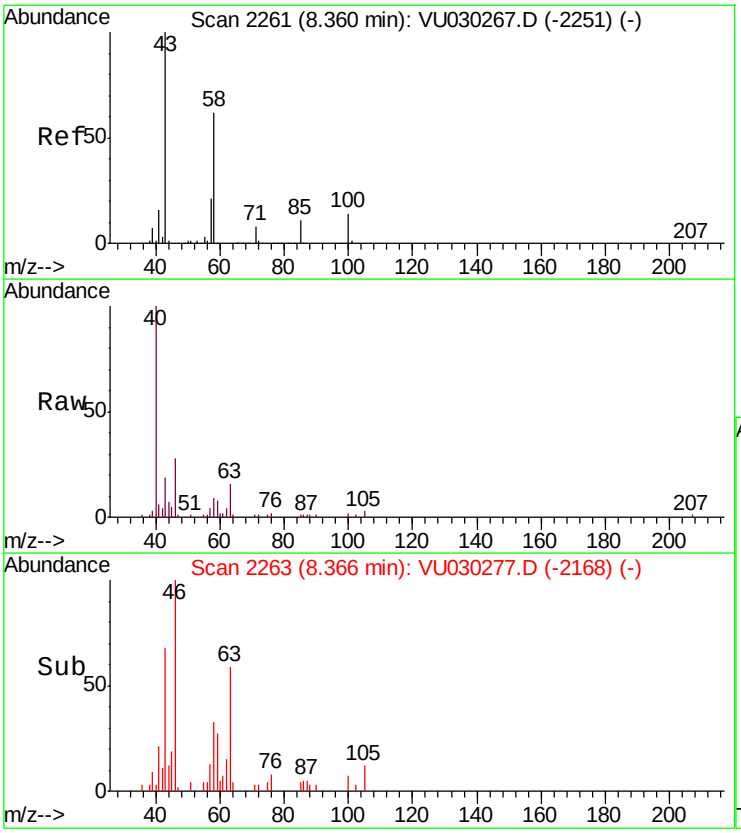
#44
trans-1,3-Dichloropropene
Concen: 0.564 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion: 75 Resp: 3034

Ion	Ratio	Lower	Upper
75	100		
77	41.2	22.7	42.1

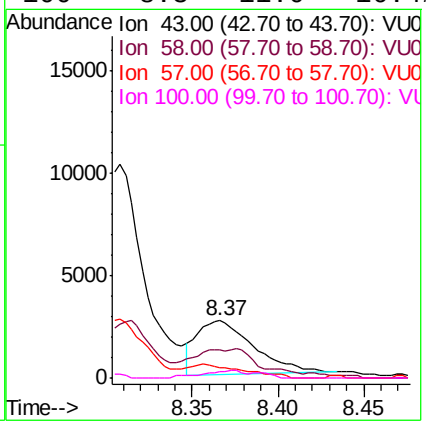


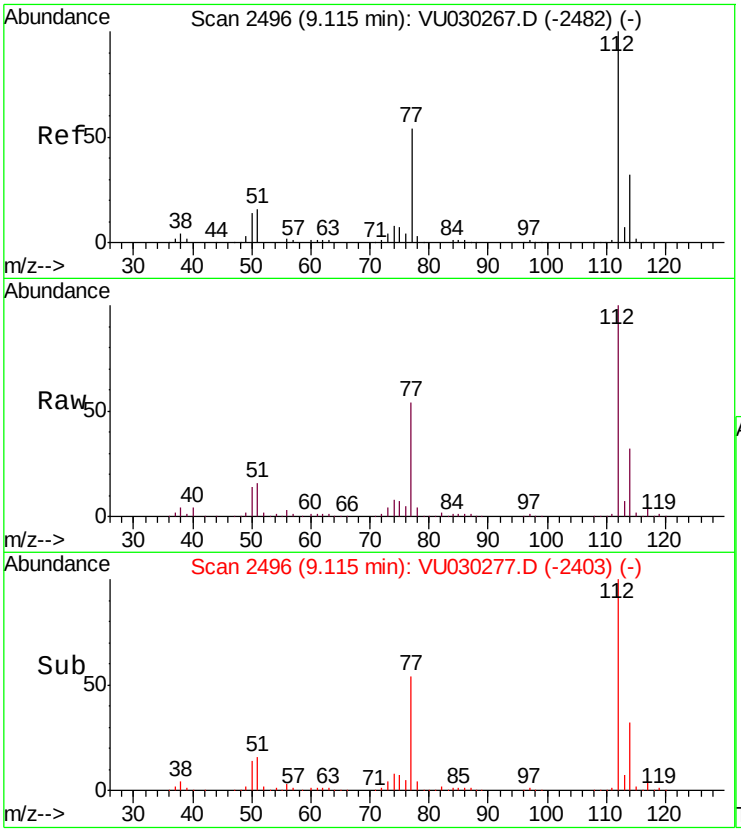


#48
2-Hexanone
Concen: 1.369 ug/L
RT: 8.37 min Scan# 2263
Delta R.T. 0.01 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion: 43 Resp: 6052

Ion	Ratio	Lower	Upper
43	100		
58	12.8	49.3	73.9#
57	16.5	17.0	25.4#
100	8.3	11.0	16.4#



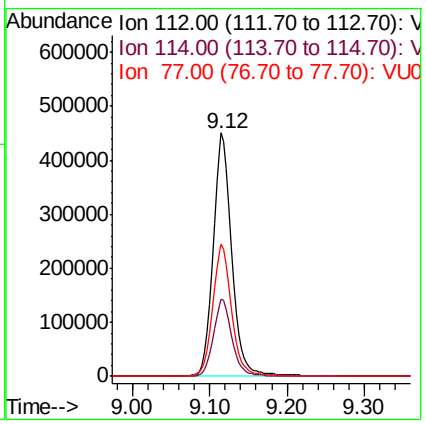


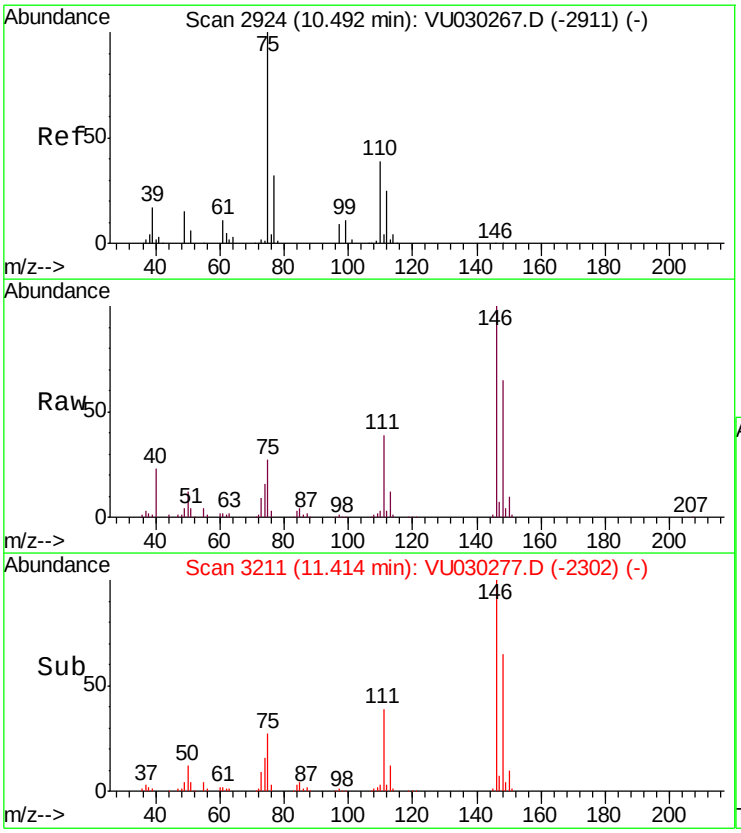
#51
Chlorobenzene
Concen: 70.811 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion:112 Resp: 771856

Ion	Ratio	Lower	Upper
112	100		
114	32.0	22.5	41.7
77	54.1	43.4	65.0

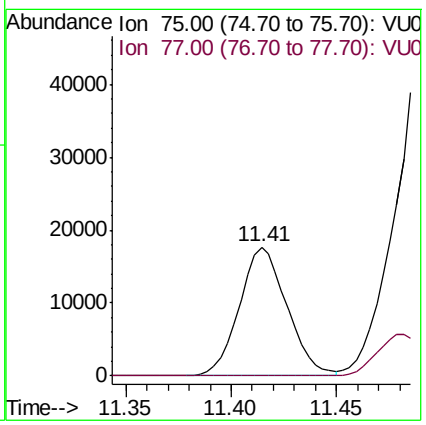


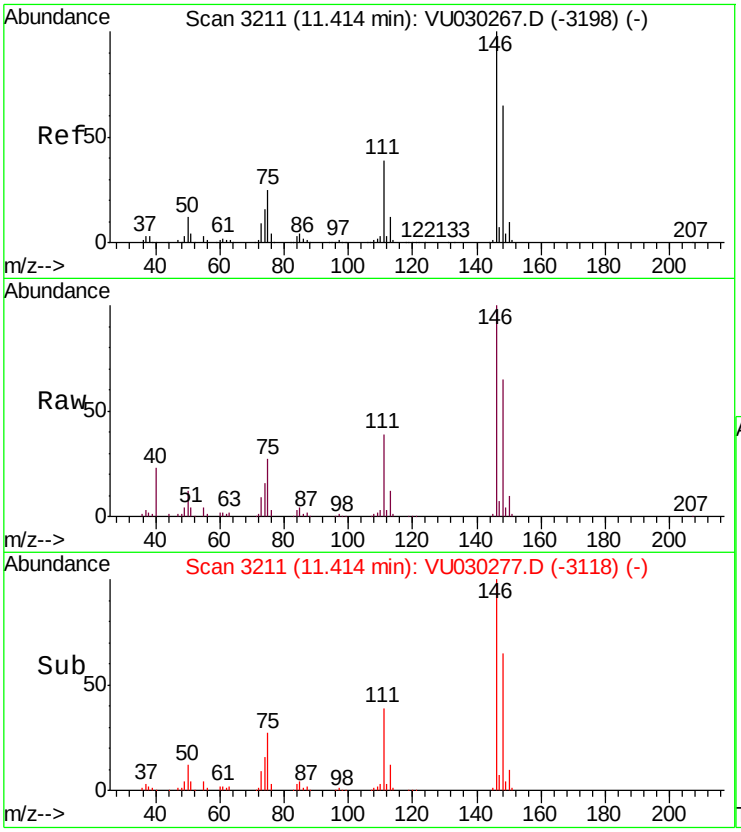


#59
1,2,3-Trichloropropane
Concen: 5.320 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.92 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion: 75 Resp: 27873

Ion	Ratio	Lower	Upper
75	100		
77	0.3	25.8	38.8#



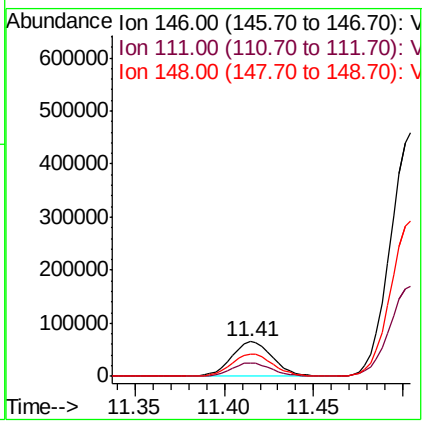


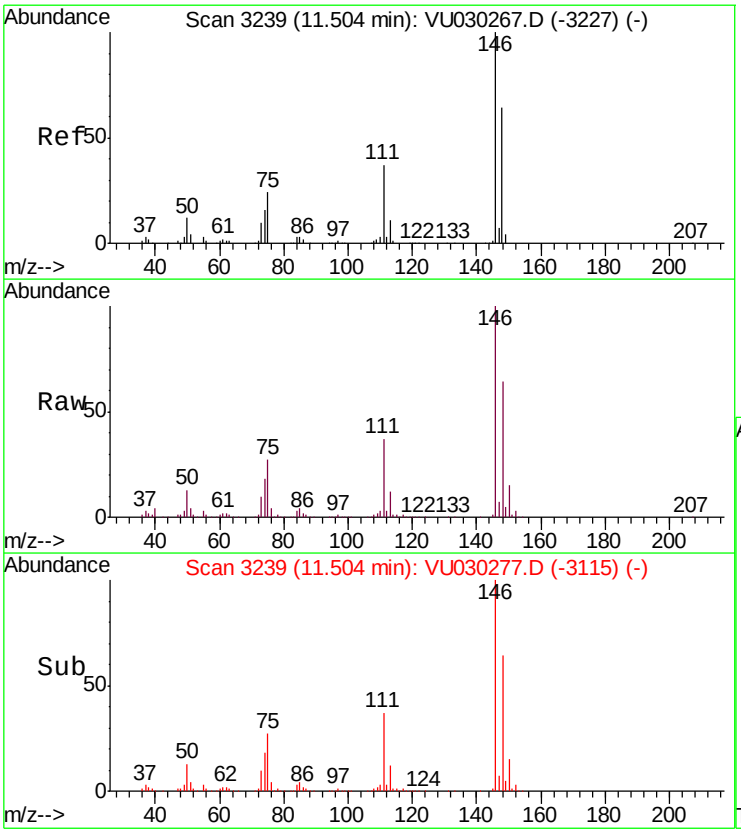
#62
1,3-Dichlorobenzene
Concen: 13.005 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion:146 Resp: 105588

Ion	Ratio	Lower	Upper
146	100		
111	38.7	27.2	50.4
148	64.9	44.4	82.5

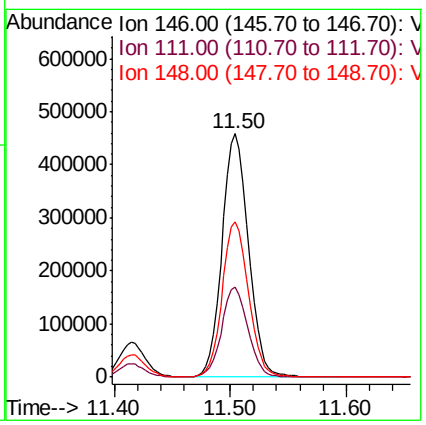


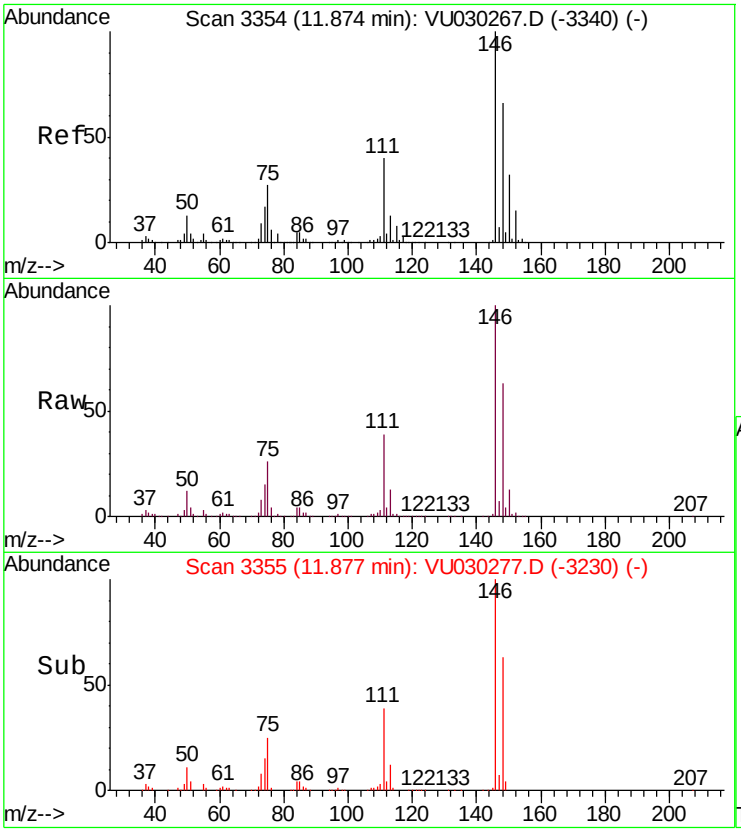


#63
1,4-Dichlorobenzene
Concen: 85.833 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion:146 Resp: 722863

Ion	Ratio	Lower	Upper
146	100		
111	36.7	25.3	46.9
148	64.0	44.7	82.9



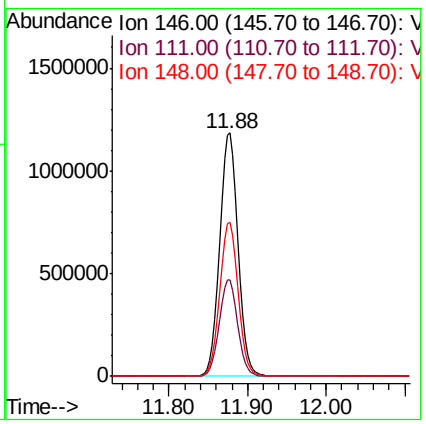


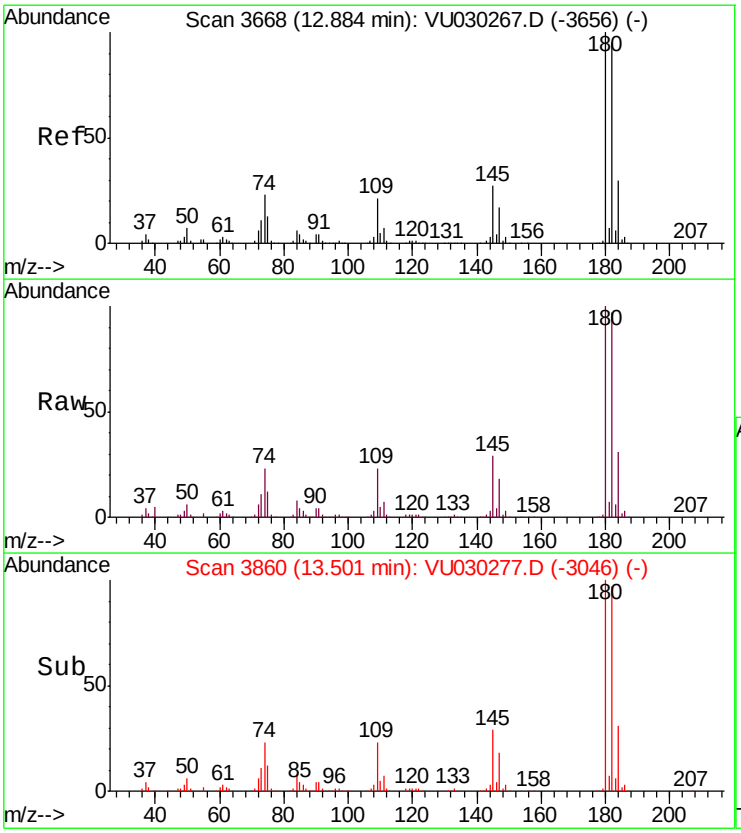
#65
1,2-Dichlorobenzene
Concen: 227.994 ug/L
RT: 11.88 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion:146 Resp: 1891269

Ion	Ratio	Lower	Upper
146	100		
111	39.4	31.7	47.5
148	63.5	52.0	78.0

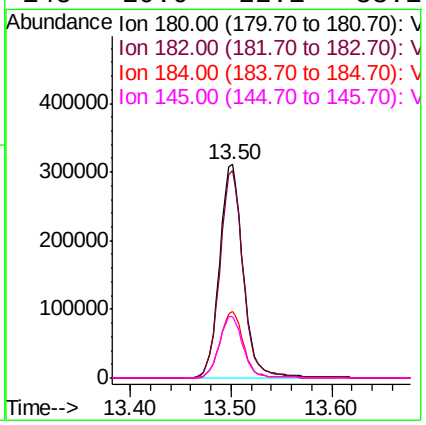


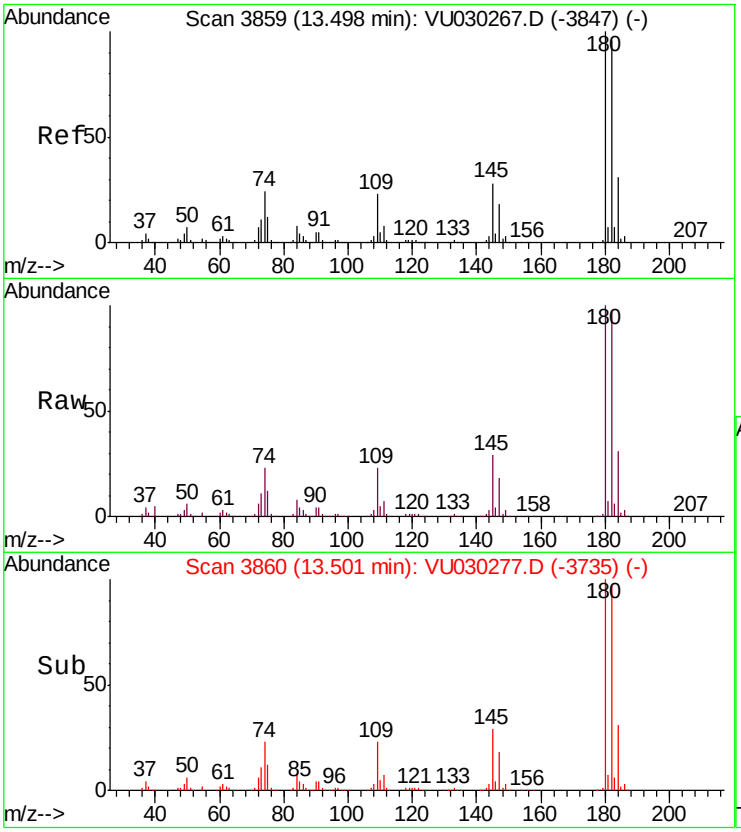


#67
1,3,5-Trichlorobenzene
Concen: 80.420 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion:180 Resp: 510296

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.0	114.0
184	31.0	24.2	36.4
145	29.0	22.1	33.1



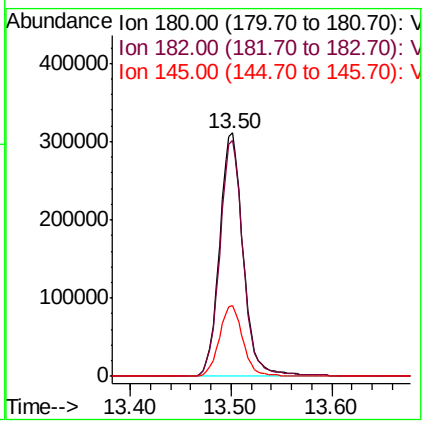


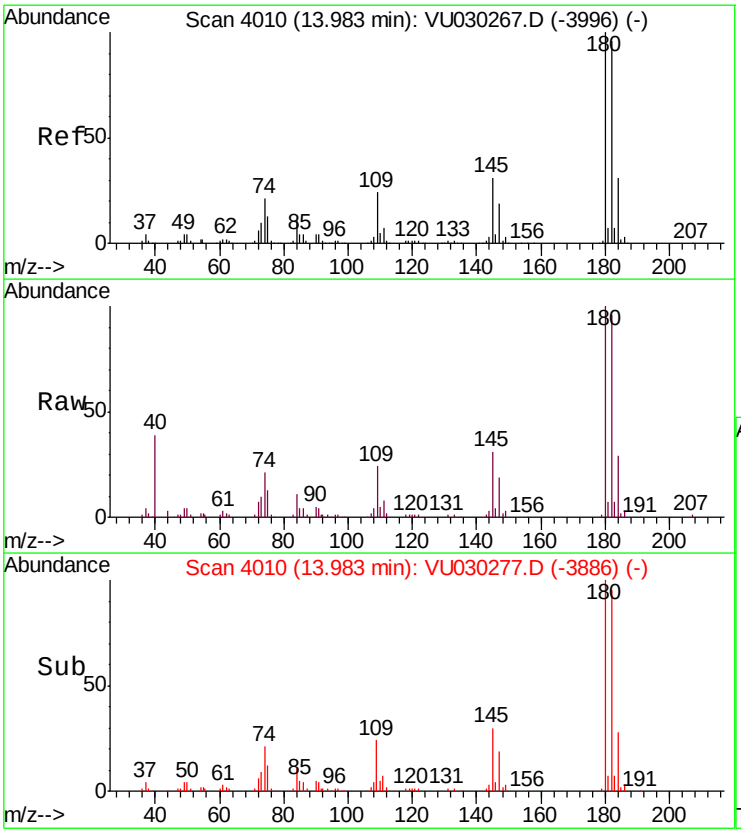
#68
1,2,4-trichlorobenzene
Concen: 90.940 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Instrument :
MSVOA_U
ClientSampleId :
C09C8DL

Tgt Ion:180 Resp: 510296

Ion	Ratio	Lower	Upper
180	100		
182	96.6	76.4	114.6
145	29.0	22.7	34.1





#70
1,2,3-Trichlorobenzene
Concen: 12.005 ug/L
RT: 13.98 min Scan# 4010
Delta R.T. -0.00 min
Lab File: VU030277.D
Acq: 21 Mar 2019 19:44

Tgt Ion:180 Resp: 70289

Ion	Ratio	Lower	Upper
180	100		
182	96.1	75.9	113.9
145	30.3	24.1	36.1