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

Quantitation Report (Not Reviewed)

Data File : VU030479.D
Acq On : 27 Mar 2019 13:32
Operator : JC/SP
Sample : K2022-13 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D0

Quant Time: Mar 28 01:30:29 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	436511	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416175	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	173739	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	155699	44.32	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 88.64%			
7) Chloroethane-d5	1.68	69	133451	47.93	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 95.86%			
11) 1,1-Dichloroethene-d2	2.27	63	231416	34.73	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 69.46%			
21) 2-Butanone-d5	4.17	46	326868	98.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 98.98%			
24) Chloroform-d	4.64	84	296539	48.99	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.98%			
26) 1,2-Dichloroethane-d4	5.31	65	200642	50.66	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 101.32%			
32) Benzene-d6	5.34	84	595779	49.92	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.84%			
36) 1,2-Dichloropropane-d6	6.33	67	212800	52.11	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.22%			
41) Toluene-d8	7.56	98	503909	47.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.02%			
43) trans-1,3-Dichloropropene-	7.85	79	90685	47.23	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 94.46%			
47) 2-Hexanone-d5	8.31	63	214041	96.73	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 96.73%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291493	49.89	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.78%			
64) 1,2-Dichlorobenzene-d4	11.85	152	180623	51.89	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.78%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1820	0.571	ug/L #	21
12) 1,1-Dichloroethene	2.27	96	1883	0.603	ug/L #	1
33) Benzene	5.39	78	11250	0.794	ug/L	100
39) cis-1,3-Dichloropropene	7.23	75	5332	0.923	ug/L #	75
44) trans-1,3-Dichloropropene	7.85	75	3613	0.711	ug/L	90
48) 2-Hexanone	8.36	43	7038	1.272	ug/L #	70
51) Chlorobenzene	9.12	112	441135	49.505	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	10248	2.094	ug/L #	43
62) 1,3-Dichlorobenzene	11.41	146	28973	5.099	ug/L	97
63) 1,4-Dichlorobenzene	11.50	146	113835	19.462	ug/L	98
65) 1,2-Dichlorobenzene	11.87	146	514359	89.530	ug/L	99
67) 1,3,5-Trichlorobenzene	13.50	180	112769	26.512	ug/L	96
68) 1,2,4-trichlorobenzene	13.50	180	112769	30.513	ug/L	96
70) 1,2,3-Trichlorobenzene	13.99	180	24482	6.273	ug/L	98

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

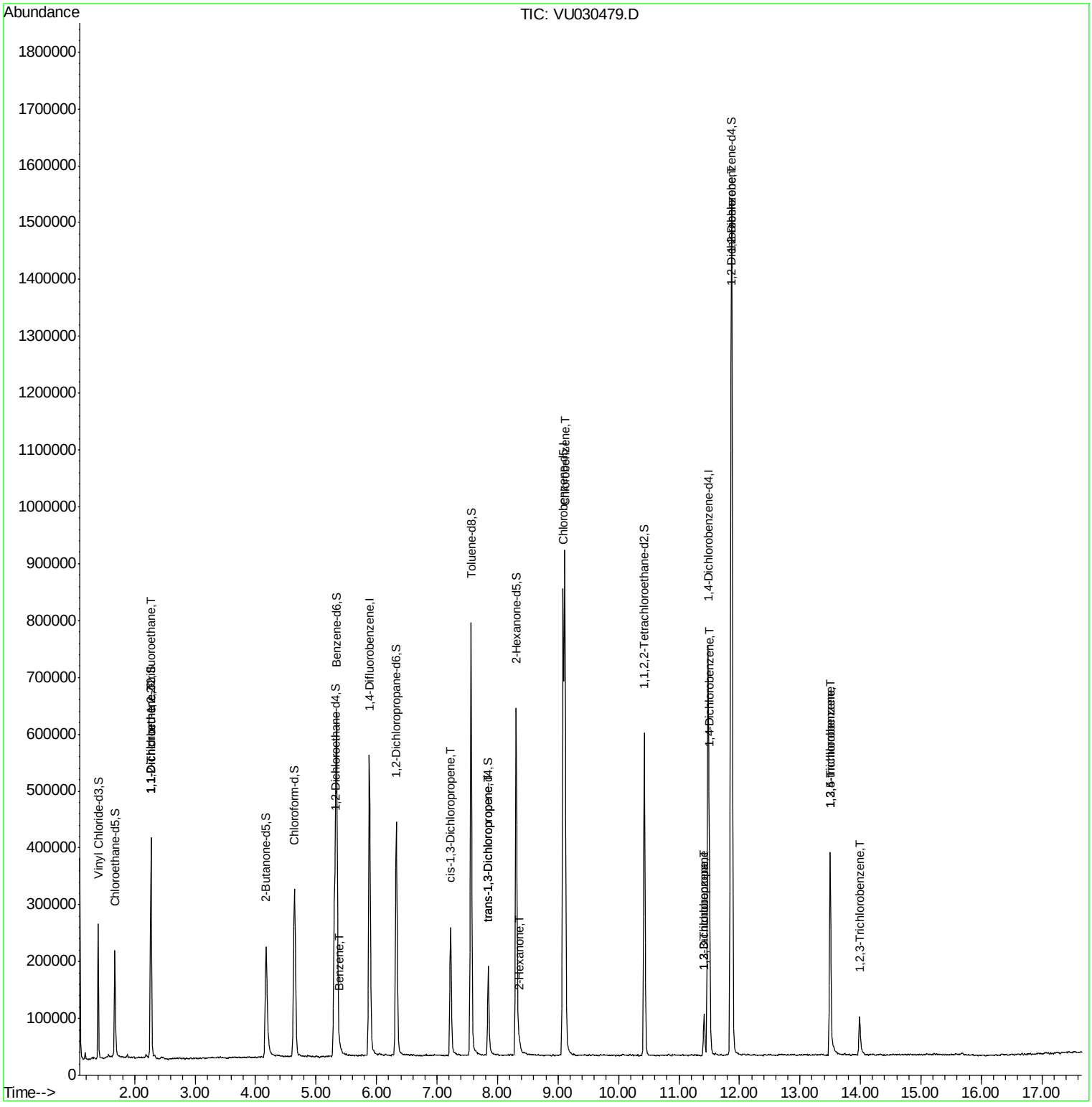
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

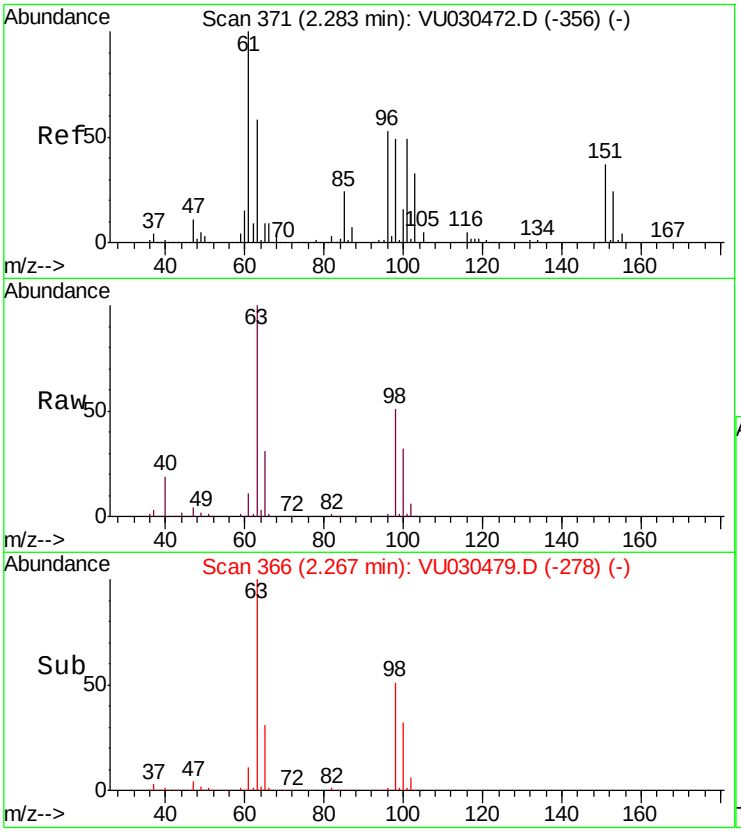
Quantitation Report (Not Reviewed)

Data File : VU030479.D
Acq On : 27 Mar 2019 13:32
Operator : JC/SP
Sample : K2022-13 40X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D0

Quant Time: Mar 28 01:30:29 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



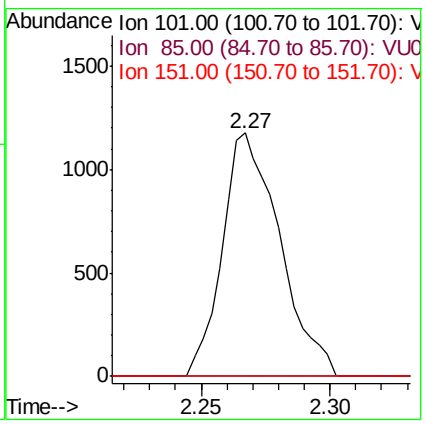


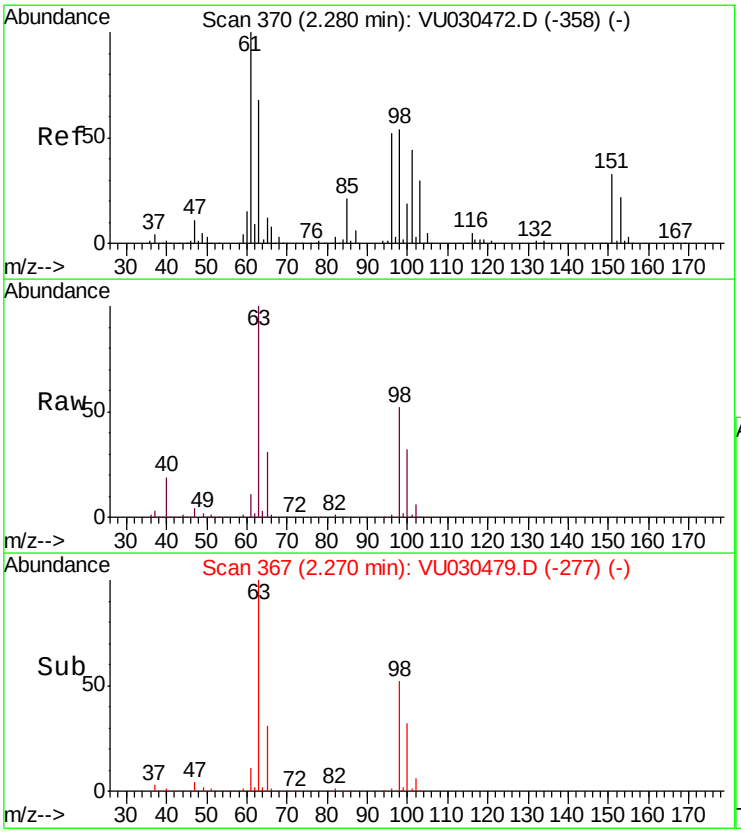
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.571 ug/L
RT: 2.27 min Scan# 366
Delta R.T. -0.02 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument : MSVOA_U
ClientSampleId : C09D0

Tgt Ion:101 Resp: 1820

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

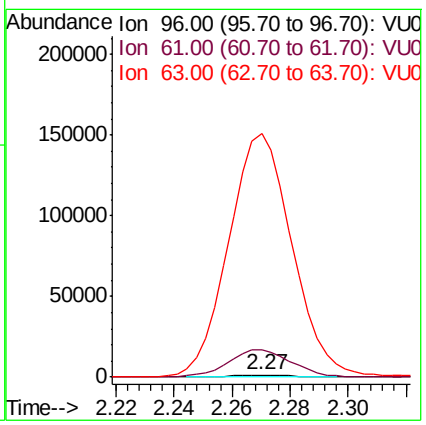


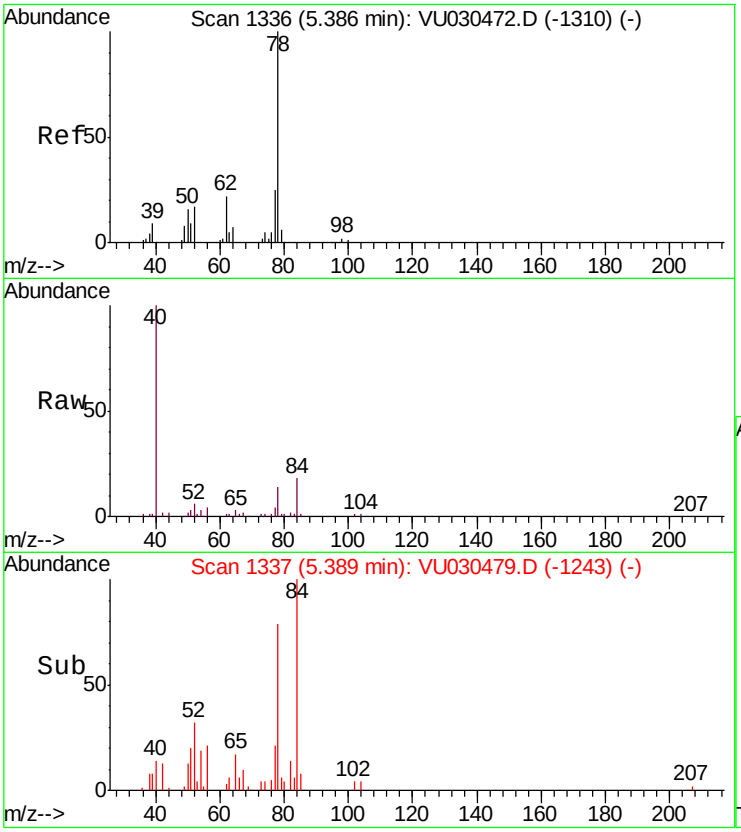


#12
1,1-Dichloroethene
Concen: 0.603 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion: 96 Resp: 1883

Ion	Ratio	Lower	Upper
96	100		
61	1334.8	131.0	243.4#
63	11766.6	92.4	171.6#

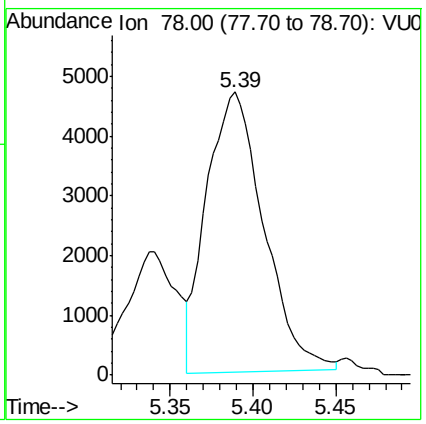


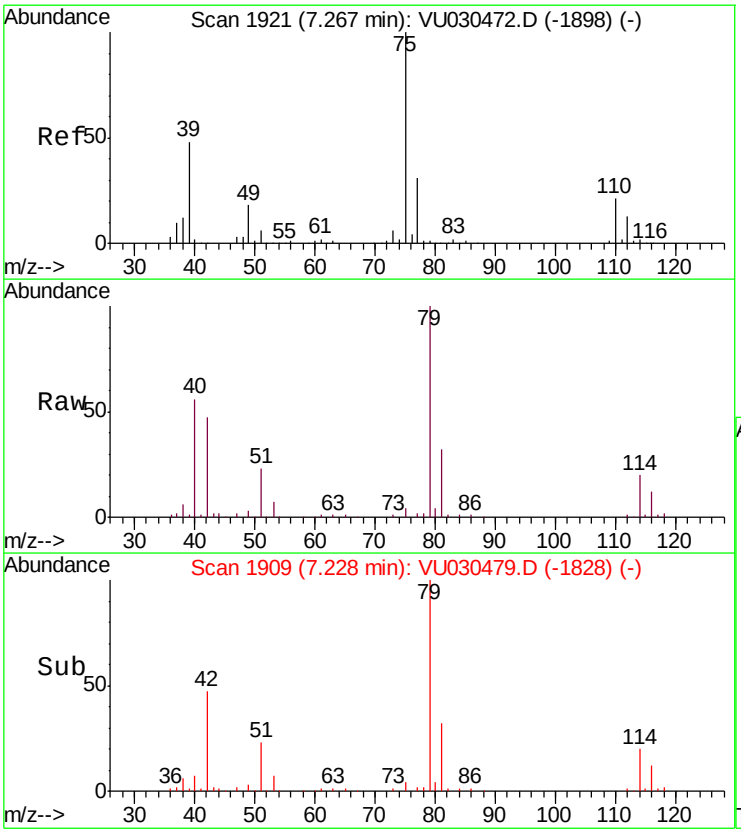


#33
Benzene
Concen: 0.794 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Tgt Ion: 78 Resp: 11250

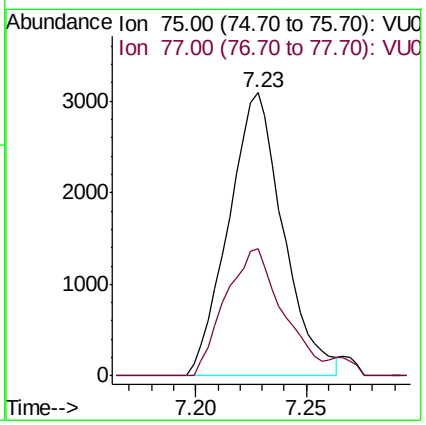


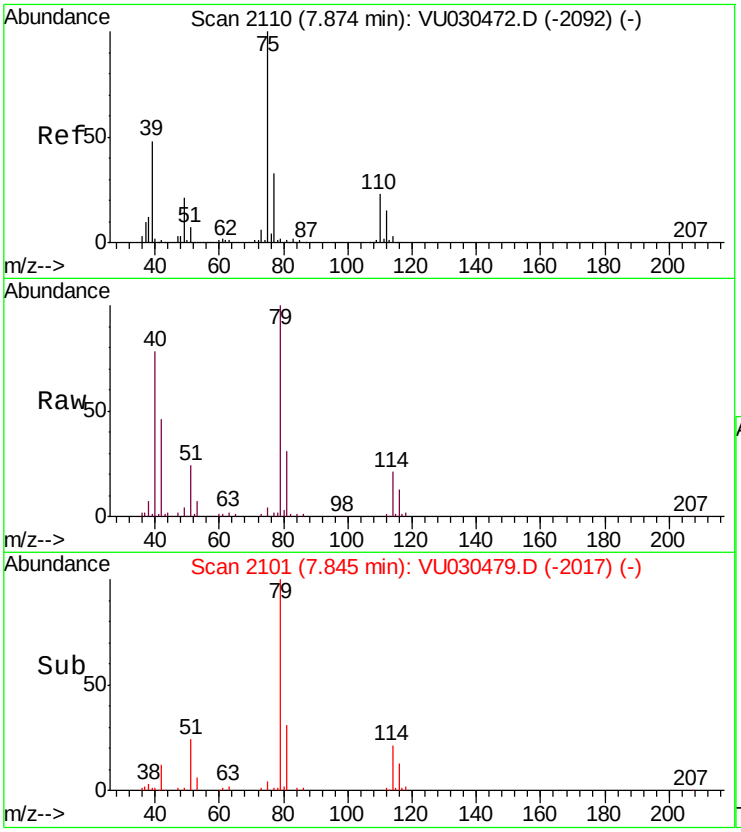


#39
cis-1,3-Dichloropropene
Concen: 0.923 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion: 75 Resp: 5332

Ion	Ratio	Lower	Upper
75	100		
77	45.1	21.8	40.6#



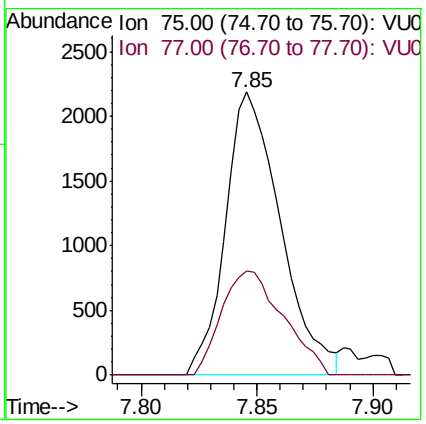


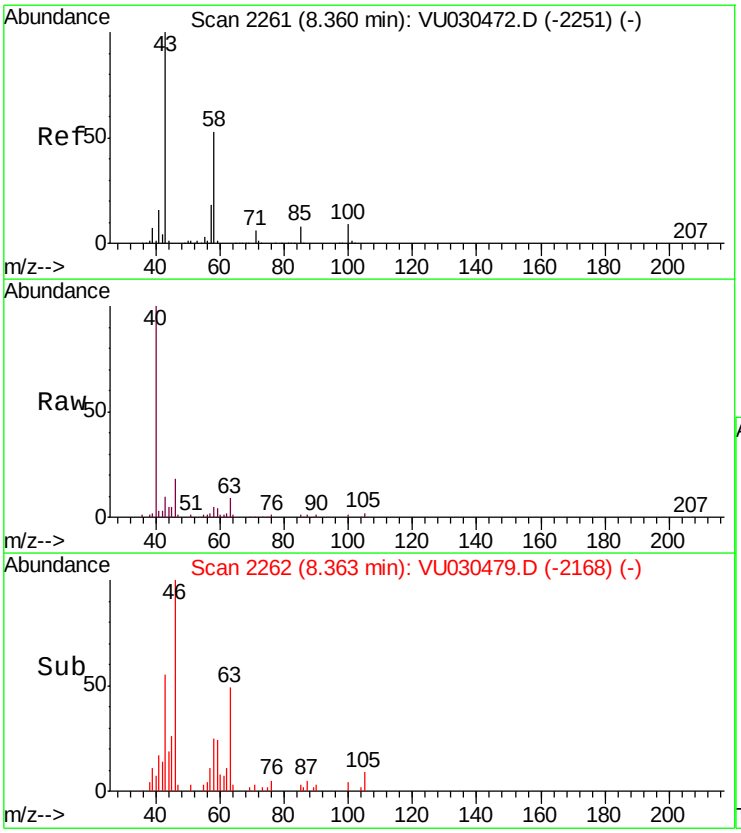
#44
trans-1,3-Dichloropropene
Concen: 0.711 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Tgt Ion: 75 Resp: 3613

Ion	Ratio	Lower	Upper
75	100		
77	36.9	22.0	40.8

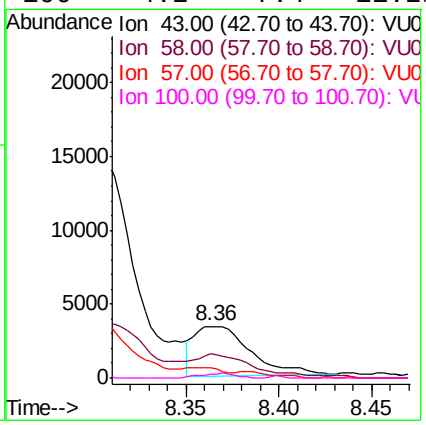


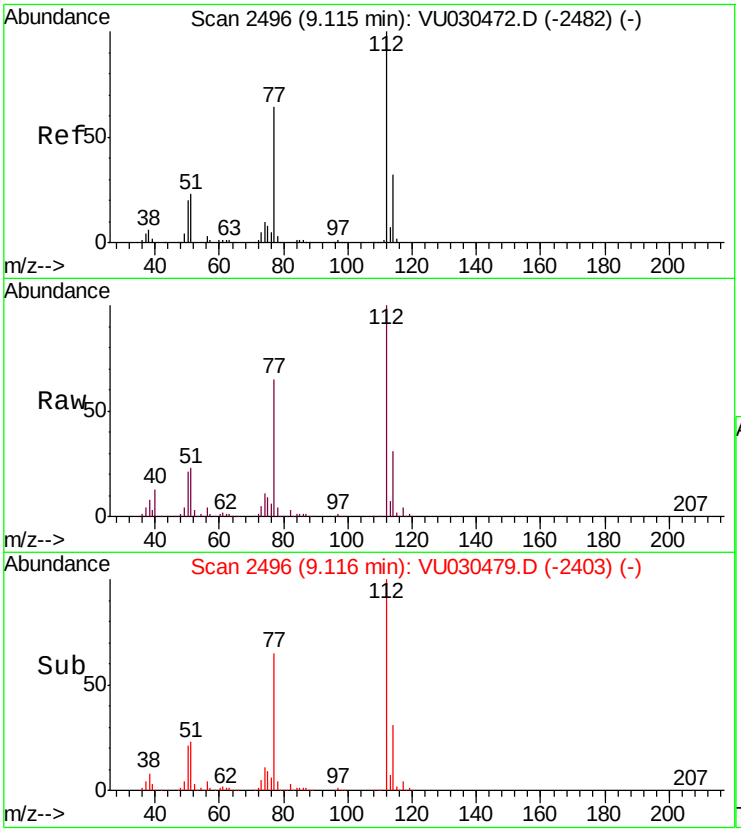


#48
2-Hexanone
Concen: 1.272 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion: 43 Resp: 7038

Ion	Ratio	Lower	Upper
43	100		
58	32.4	42.5	63.7#
57	0.0	15.0	22.6#
100	4.2	7.4	11.2#



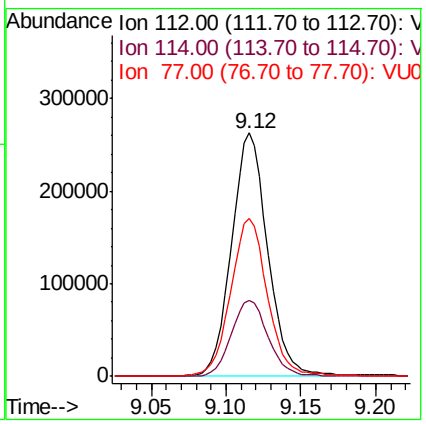


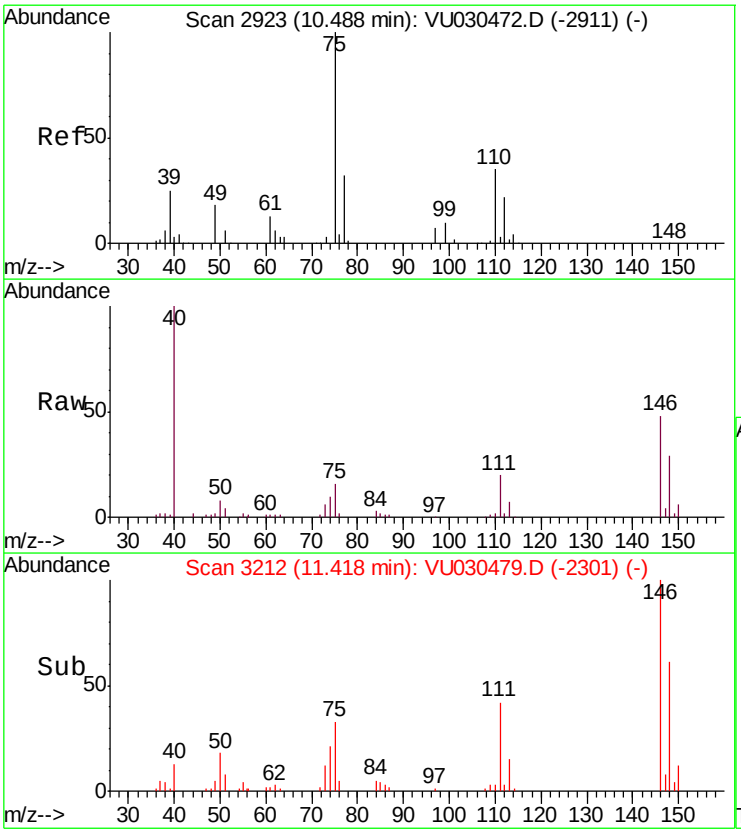
#51
Chlorobenzene
Concen: 49.505 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument : MSVOA_U
ClientSampleId : C09D0

Tgt Ion:112 Resp: 441135

Ion	Ratio	Lower	Upper
112	100		
114	31.4	21.5	39.9
77	64.9	51.4	77.0

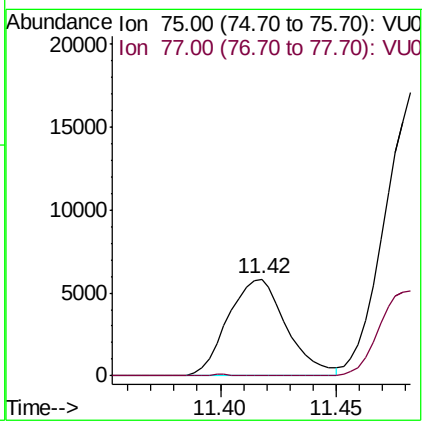


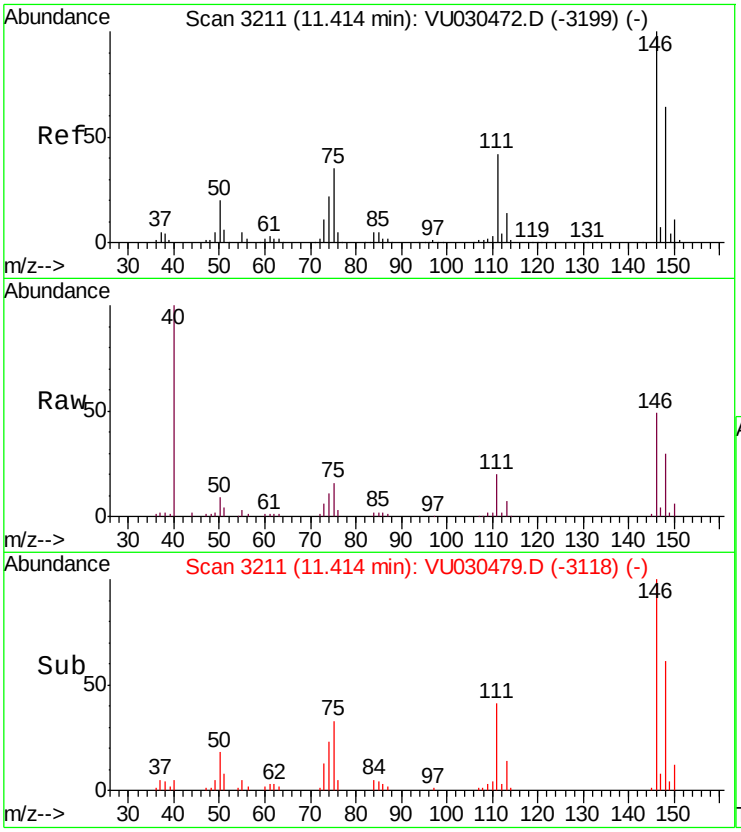


#59
1,2,3-Trichloropropane
Concen: 2.094 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.93 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion: 75 Resp: 10248

Ion	Ratio	Lower	Upper
75	100		
77	0.4	25.4	38.2#



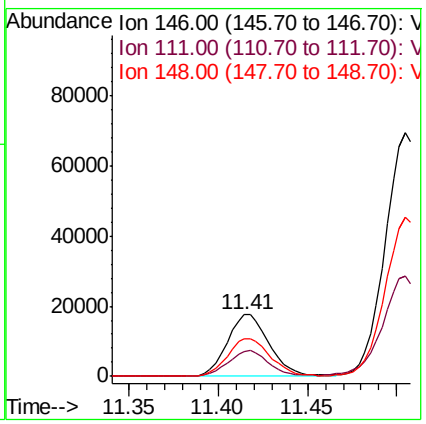


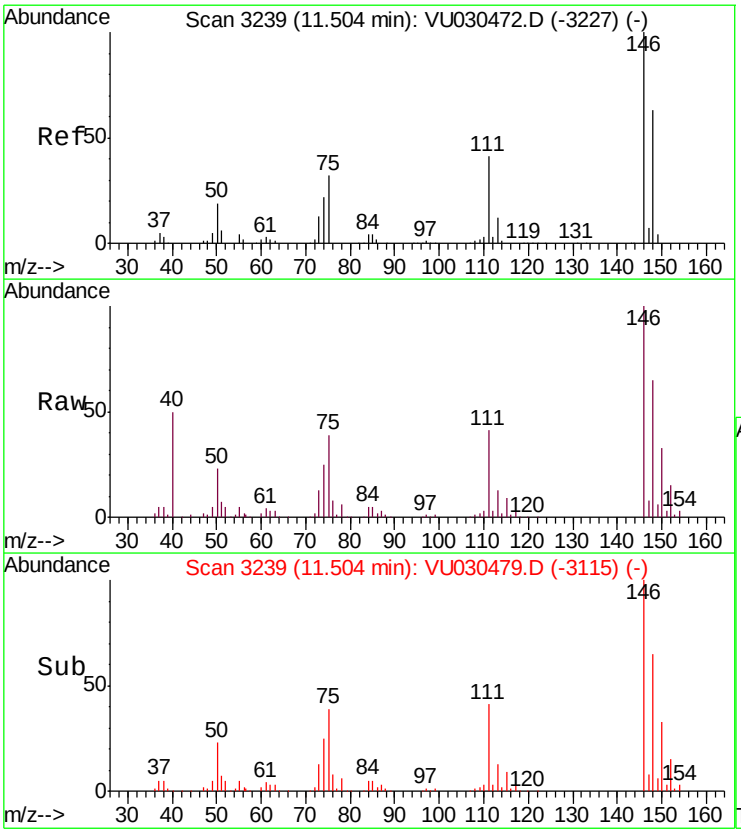
#62
1,3-Dichlorobenzene
Concen: 5.099 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Tgt Ion:146 Resp: 28973

Ion	Ratio	Lower	Upper
146	100		
111	40.8	29.2	54.2
148	60.9	44.4	82.4

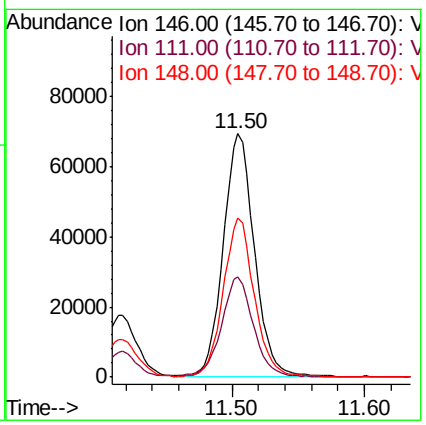


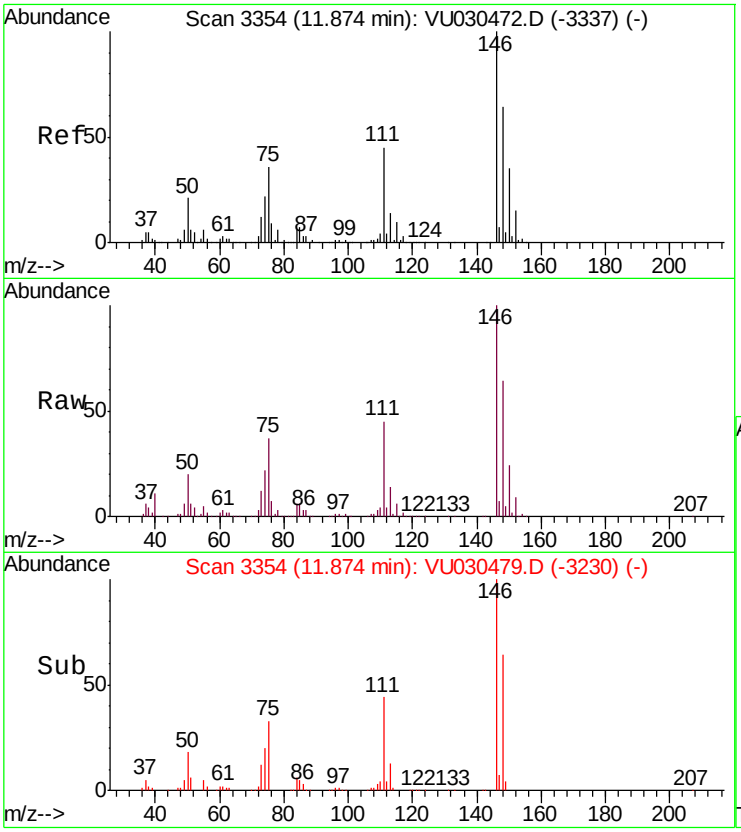


#63
1,4-Dichlorobenzene
Concen: 19.462 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion:146 Resp: 113835

Ion	Ratio	Lower	Upper
146	100		
111	41.2	28.7	53.3
148	65.3	44.3	82.3



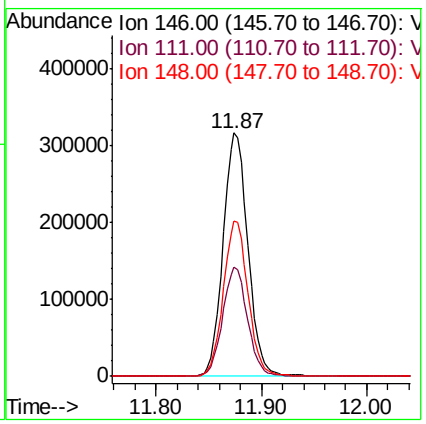


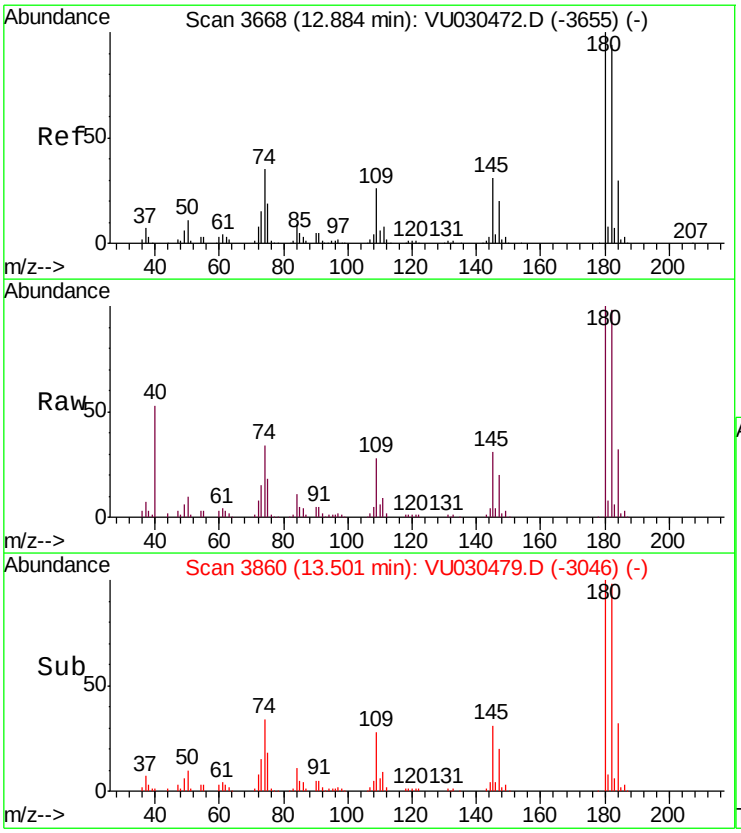
#65
1,2-Dichlorobenzene
Concen: 89.530 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument : MSVOA_U
ClientSampleId : C09D0

Tgt Ion:146 Resp: 514359

Ion	Ratio	Lower	Upper
146	100		
111	44.7	34.9	52.3
148	63.6	51.2	76.8

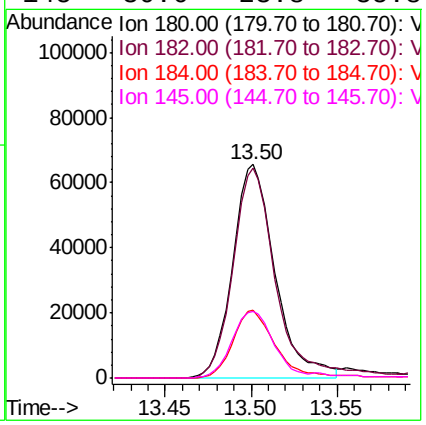


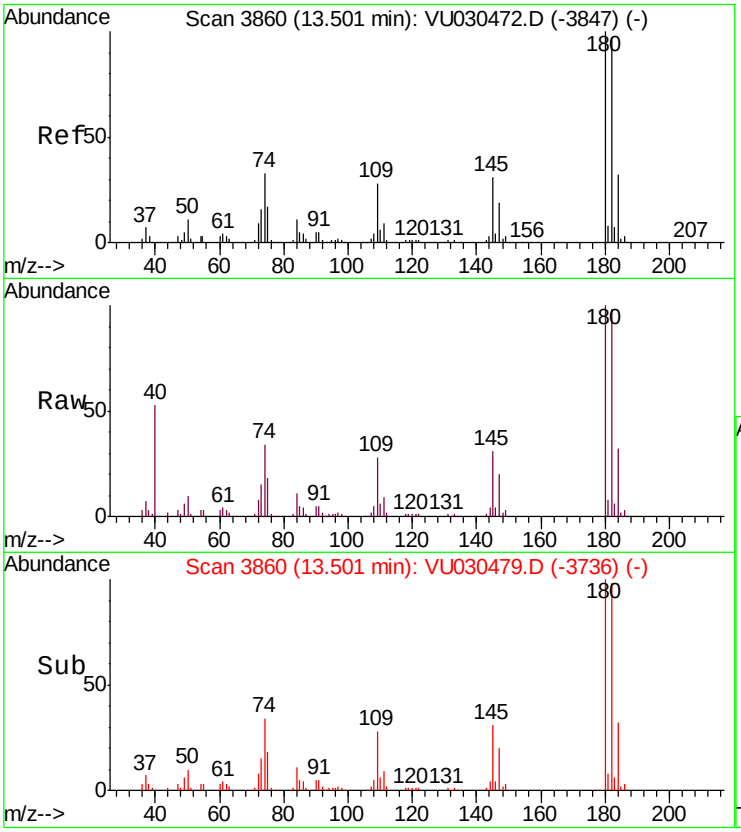


#67
1,3,5-Trichlorobenzene
Concen: 26.512 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.62 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion:180 Resp: 112769

Ion	Ratio	Lower	Upper
180	100		
182	100.2	75.9	113.9
184	31.3	24.1	36.1
145	30.6	23.8	35.8



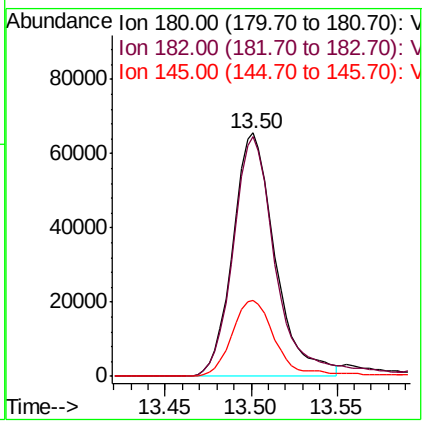


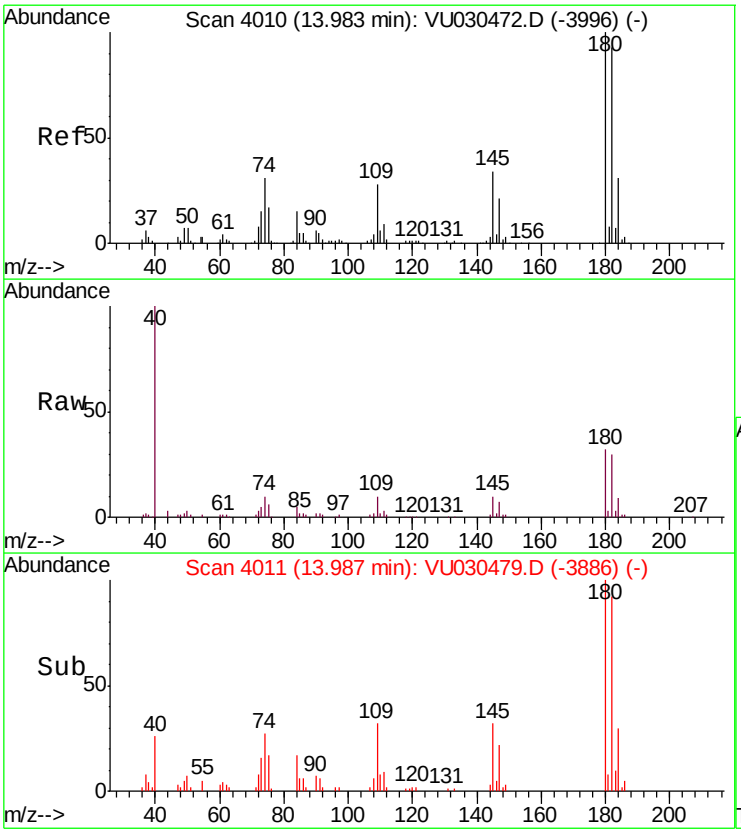
#68
1,2,4-trichlorobenzene
Concen: 30.513 ug/L
RT: 13.50 min Scan# 3860
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Instrument :
MSVOA_U
ClientSampleId :
C09D0

Tgt Ion:180 Resp: 112769

Ion	Ratio	Lower	Upper
180	100		
182	100.2	76.1	114.1
145	30.6	24.5	36.7





#70
1,2,3-Trichlorobenzene
Concen: 6.273 ug/L
RT: 13.99 min Scan# 4011
Delta R.T. 0.00 min
Lab File: VU030479.D
Acq: 27 Mar 2019 13:32

Tgt Ion:180 Resp: 24482

Ion	Ratio	Lower	Upper
180	100		
182	96.1	77.4	116.2
145	30.1	25.9	38.9