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

Quantitation Report (Not Reviewed)

Data File : VU030498.D
Acq On : 27 Mar 2019 21:05
Operator : JC/SP
Sample : K2022-15DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09D9DL

Quant Time: Mar 28 02:50:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	432782	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	405562	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	163681	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	151025	43.36	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 86.72%			
7) Chloroethane-d5	1.68	69	131005	47.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.90%			
11) 1,1-Dichloroethene-d2	2.27	63	224498	33.98	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 67.96%			
21) 2-Butanone-d5	4.17	46	344686	105.27	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 105.27%			
24) Chloroform-d	4.65	84	293793	48.96	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.92%			
26) 1,2-Dichloroethane-d4	5.31	65	201052	51.20	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.40%			
32) Benzene-d6	5.34	84	579694	49.84	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 99.68%			
36) 1,2-Dichloropropane-d6	6.33	67	208221	52.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.66%			
41) Toluene-d8	7.56	98	498886	47.76	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.52%			
43) trans-1,3-Dichloropropene-	7.85	79	87875	46.96	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 93.92%			
47) 2-Hexanone-d5	8.31	63	212261	98.44	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 98.44%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	287909	50.56	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 101.12%			
64) 1,2-Dichlorobenzene-d4	11.85	152	173855	53.01	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.02%			

Target Compounds						Qvalue
12) 1,1-Dichloroethene	2.27	96	1705	0.551	ug/L #	1
33) Benzene	5.39	78	179503	13.002	ug/L	100
39) cis-1,3-Dichloropropene	7.22	75	5112	0.908	ug/L #	58
44) trans-1,3-Dichloropropene	7.85	75	3330	0.672	ug/L	90
51) Chlorobenzene	9.12	112	460527	53.034	ug/L	99
59) 1,2,3-Trichloropropane	11.42	75	3762	0.789	ug/L #	46
62) 1,3-Dichlorobenzene	11.42	146	10512	1.964	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	102155	18.538	ug/L	96
65) 1,2-Dichlorobenzene	11.87	146	135625	25.058	ug/L	98
67) 1,3,5-Trichlorobenzene	13.51	180	2360	0.589	ug/L #	38
68) 1,2,4-trichlorobenzene	13.51	180	2360	0.678	ug/L #	33

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

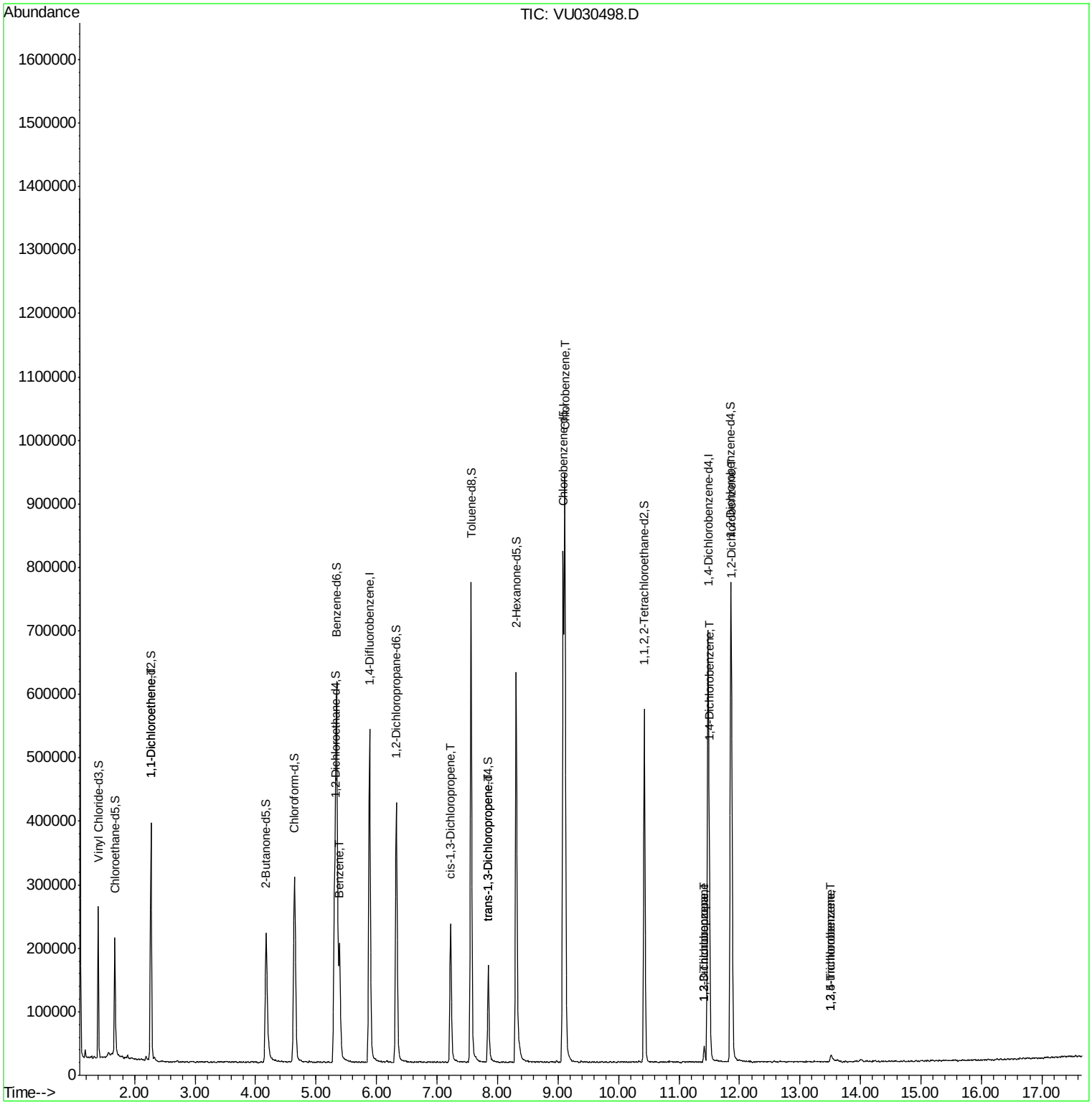
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

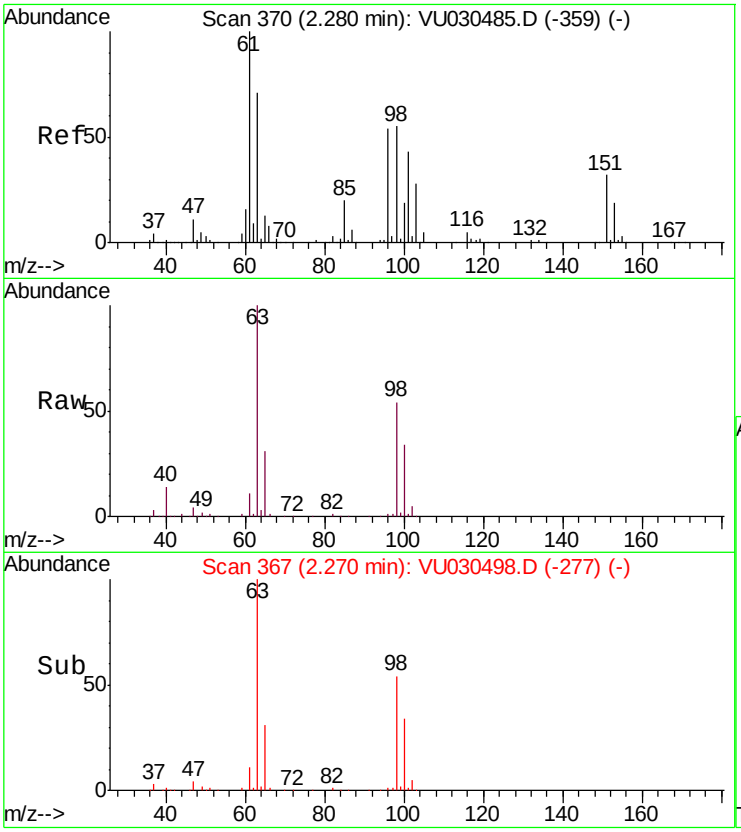
Quantitation Report (Not Reviewed)

Data File : VU030498.D
Acq On : 27 Mar 2019 21:05
Operator : JC/SP
Sample : K2022-15DL 1000X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09D9DL

Quant Time: Mar 28 02:50:20 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM032319WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 28 02:45:06 2019
Response via : Initial Calibration



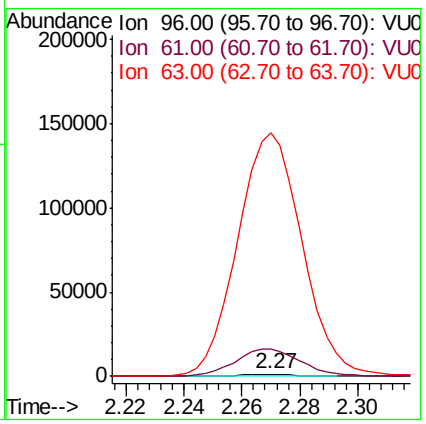


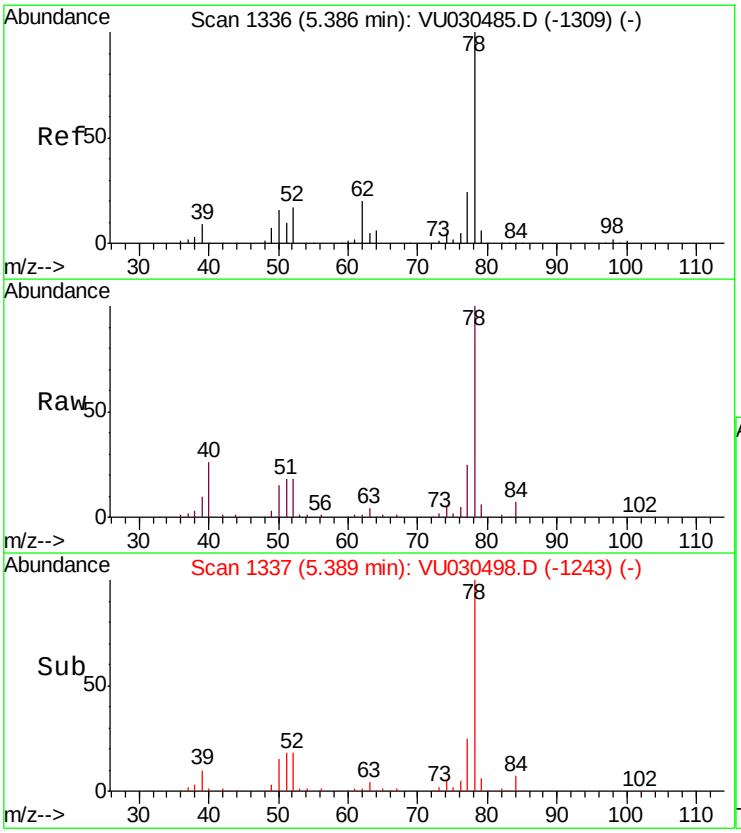
#12
1,1-Dichloroethene
Concen: 0.551 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument :
MSVOA_U
ClientSampleId :
C09D9DL

Tgt Ion: 96 Resp: 1705

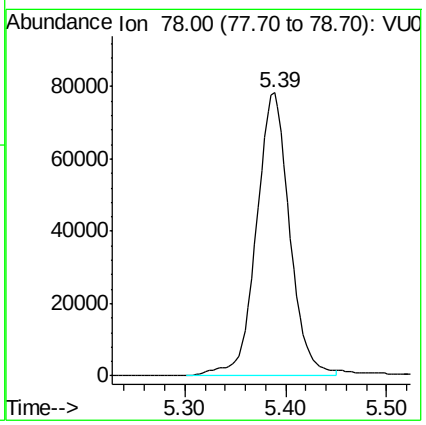
Ion	Ratio	Lower	Upper
96	100		
61	1208.3	131.0	243.4#
63	10665.1	92.4	171.6#

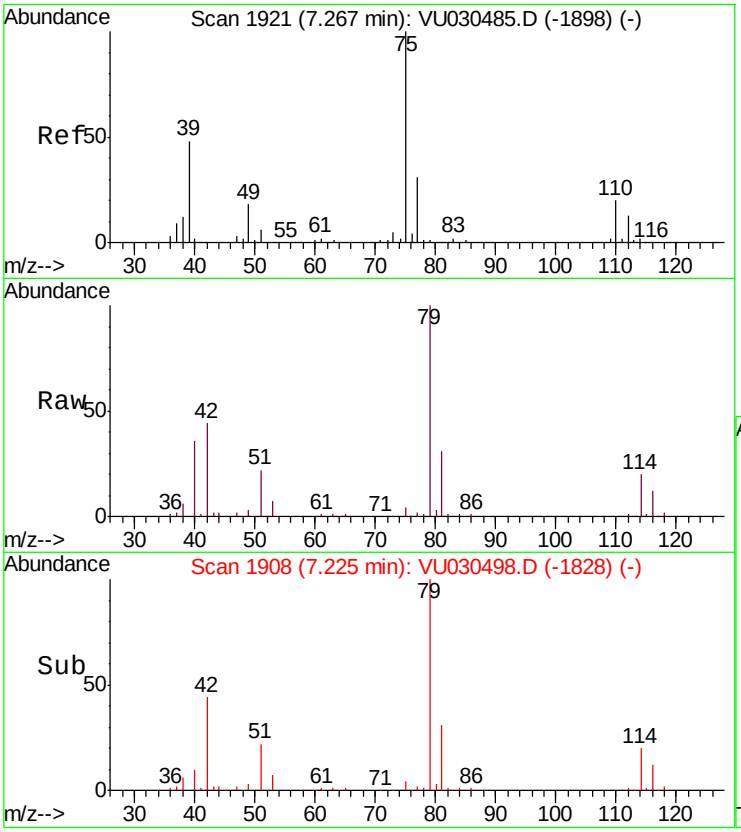




#33
Benzene
Concen: 13.002 ug/L
RT: 5.39 min Scan# 1337
Delta R.T. 0.00 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Tgt Ion: 78 Resp: 179503



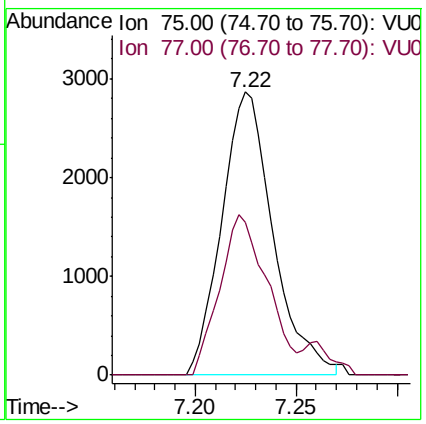


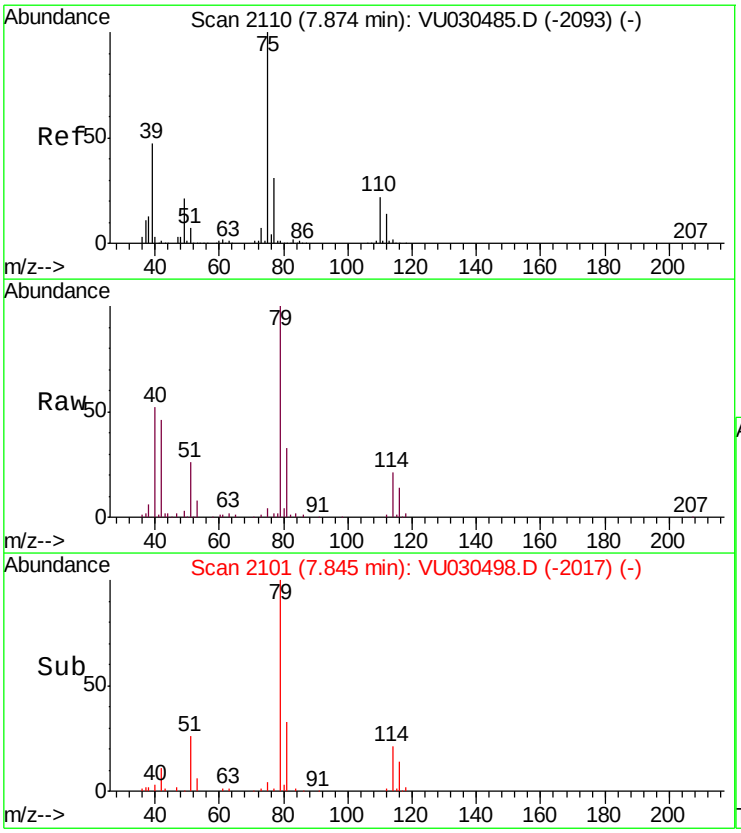
#39
cis-1,3-Dichloropropene
Concen: 0.908 ug/L
RT: 7.22 min Scan# 1908
Delta R.T. -0.04 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument :
MSVOA_U
ClientSampleId :
C09D9DL

Tgt Ion: 75 Resp: 5112

Ion	Ratio	Lower	Upper
75	100		
77	54.1	21.8	40.6#

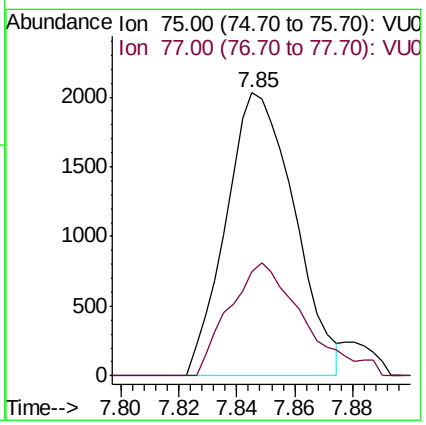


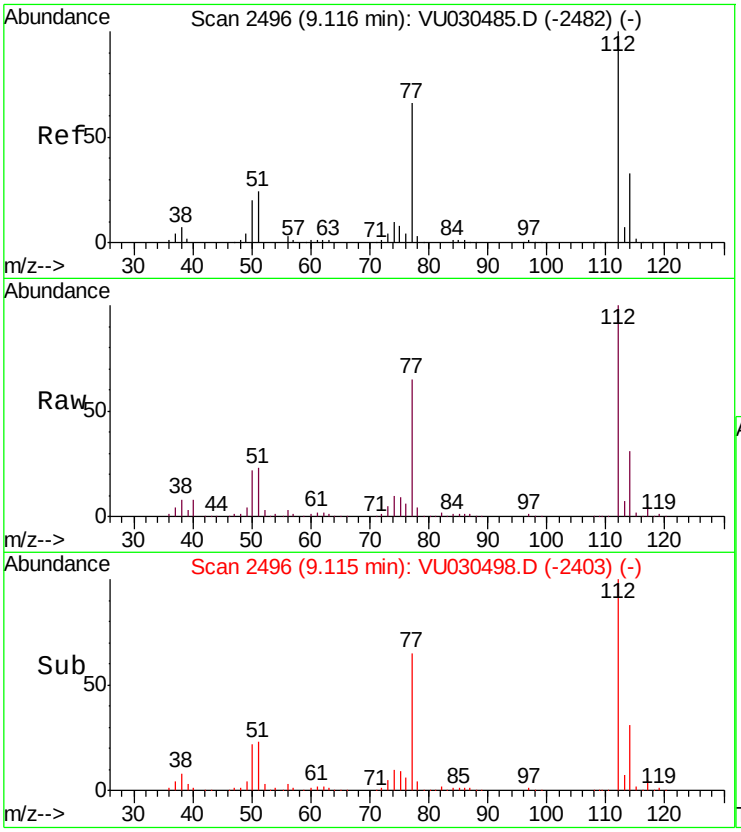


#44
trans-1,3-Dichloropropene
Concen: 0.672 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Tgt Ion: 75 Resp: 3330

Ion	Ratio	Lower	Upper
75	100		
77	36.8	22.0	40.8



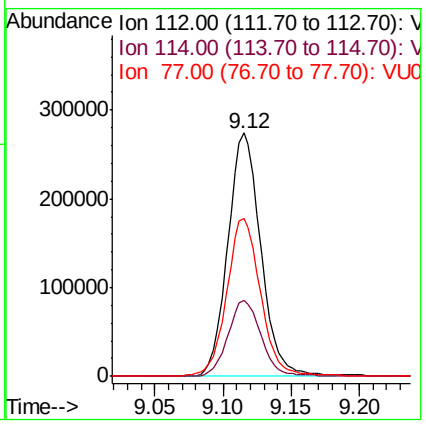


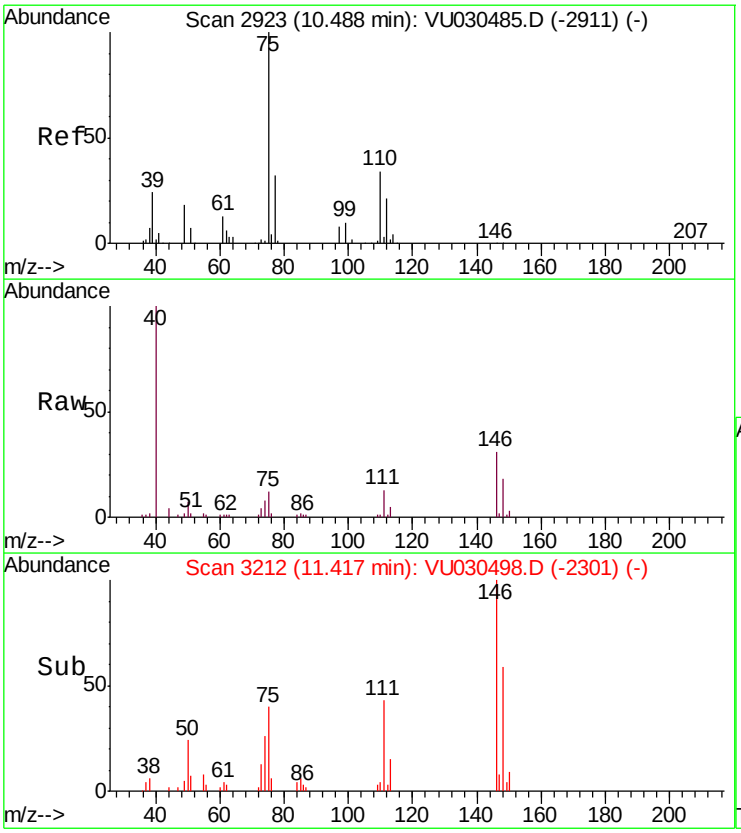
#51
Chlorobenzene
Concen: 53.034 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument :
MSVOA_U
ClientSampleId :
C09D9DL

Tgt Ion:112 Resp: 460527

Ion	Ratio	Lower	Upper
112	100		
114	31.3	21.5	39.9
77	65.1	51.4	77.0

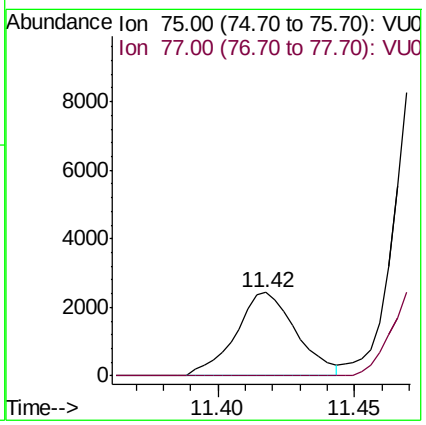


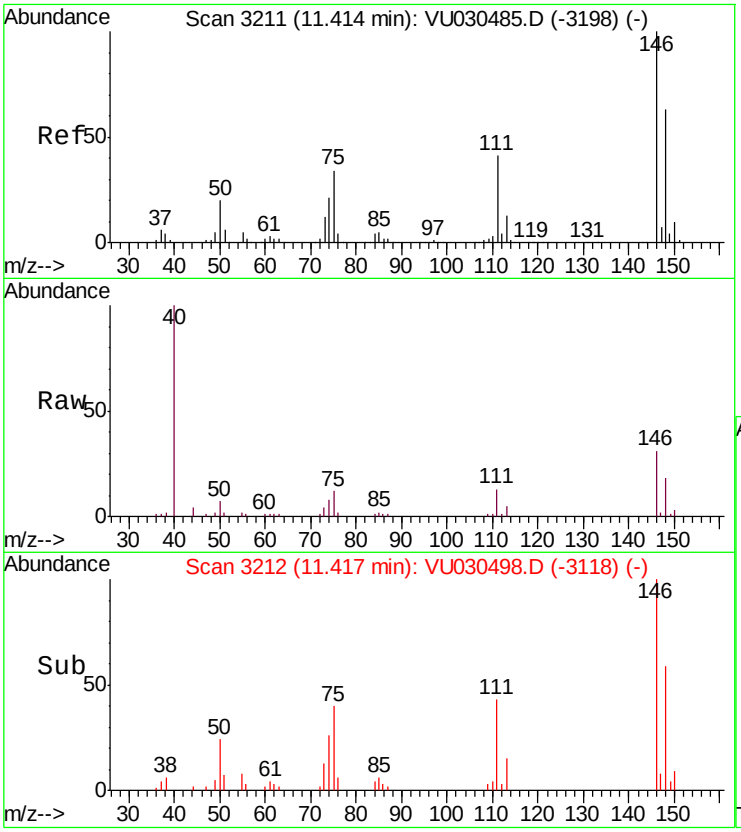


#59
1,2,3-Trichloropropane
Concen: 0.789 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.93 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Tgt Ion: 75 Resp: 3762

Ion	Ratio	Lower	Upper
75	100		
77	2.0	25.4	38.2#



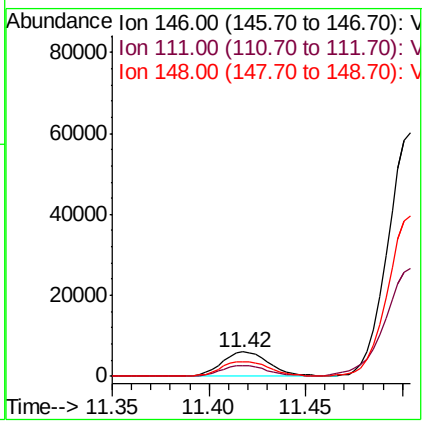


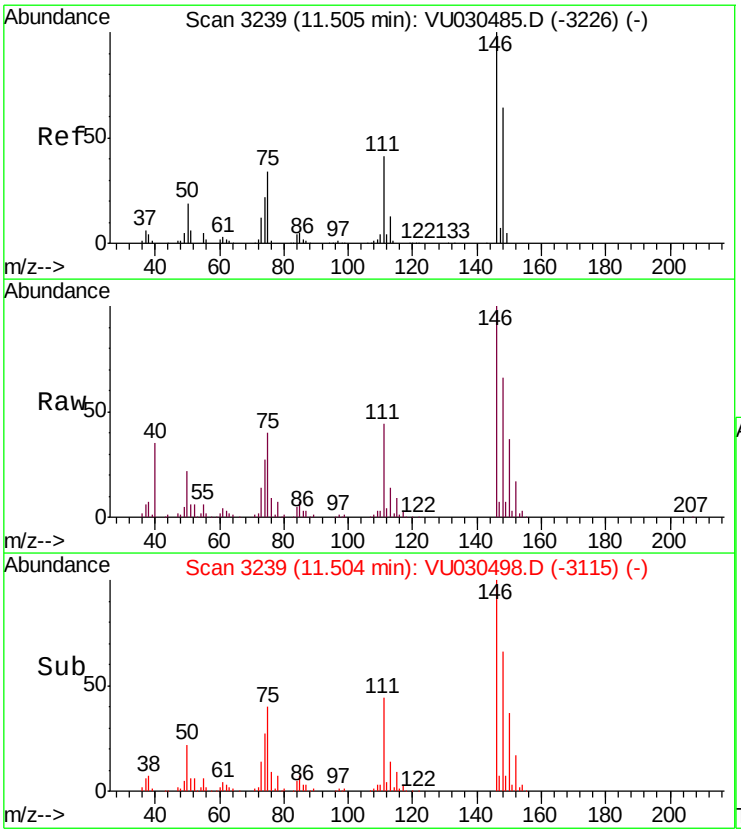
#62
1,3-Dichlorobenzene
Concen: 1.964 ug/L
RT: 11.42 min Scan# 3212
Delta R.T. 0.00 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument : MSVOA_U
ClientSampleId : C09D9DL

Tgt Ion:146 Resp: 10512

Ion	Ratio	Lower	Upper
146	100		
111	42.9	29.2	54.2
148	58.7	44.4	82.4

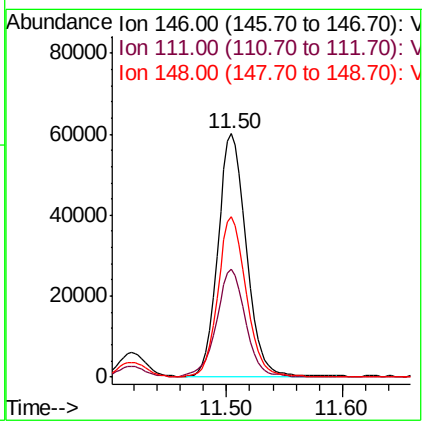


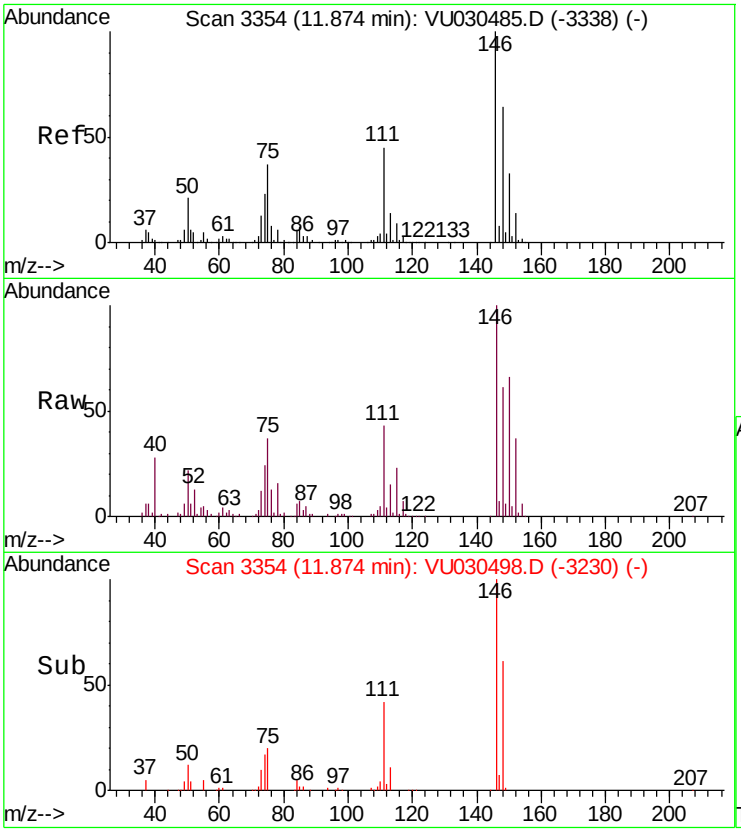


#63
1,4-Dichlorobenzene
Concen: 18.538 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Tgt Ion:146 Resp: 102155

Ion	Ratio	Lower	Upper
146	100		
111	44.2	28.7	53.3
148	65.9	44.3	82.3



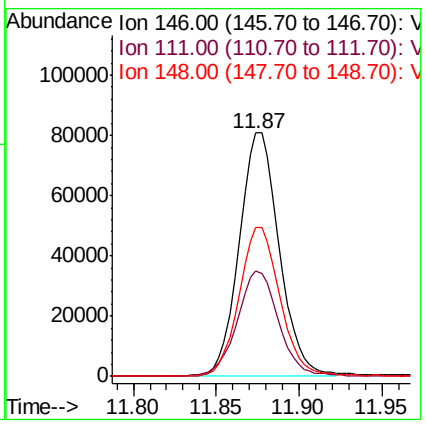


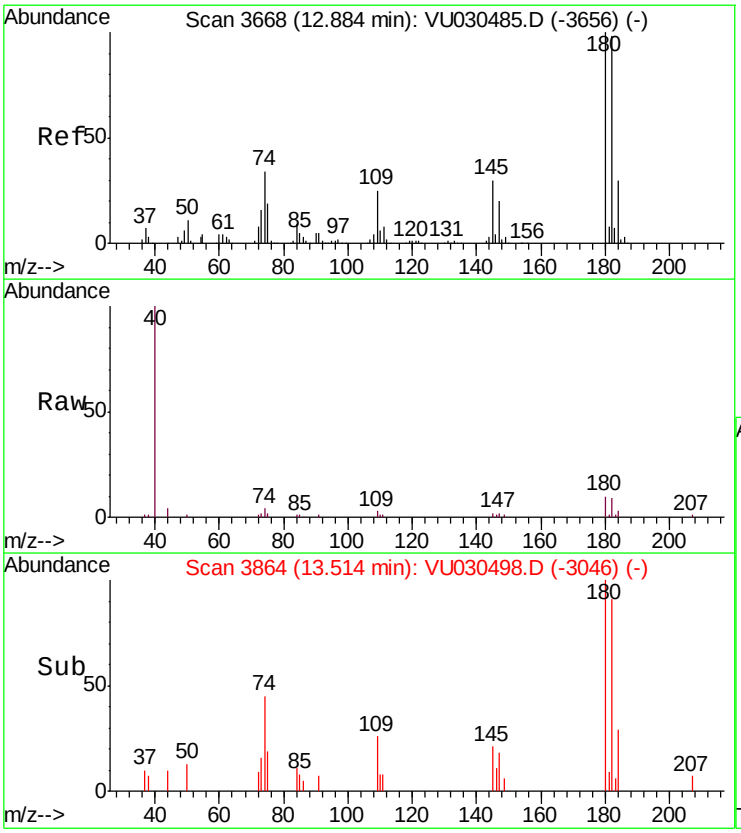
#65
1,2-Dichlorobenzene
Concen: 25.058 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument : MSVOA_U
ClientSampleId : C09D9DL

Tgt Ion:146 Resp: 135625

Ion	Ratio	Lower	Upper
146	100		
111	43.5	34.9	52.3
148	61.3	51.2	76.8

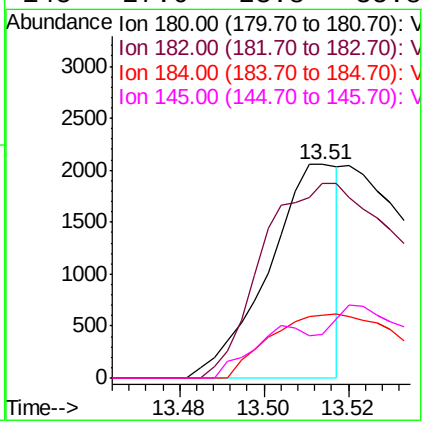


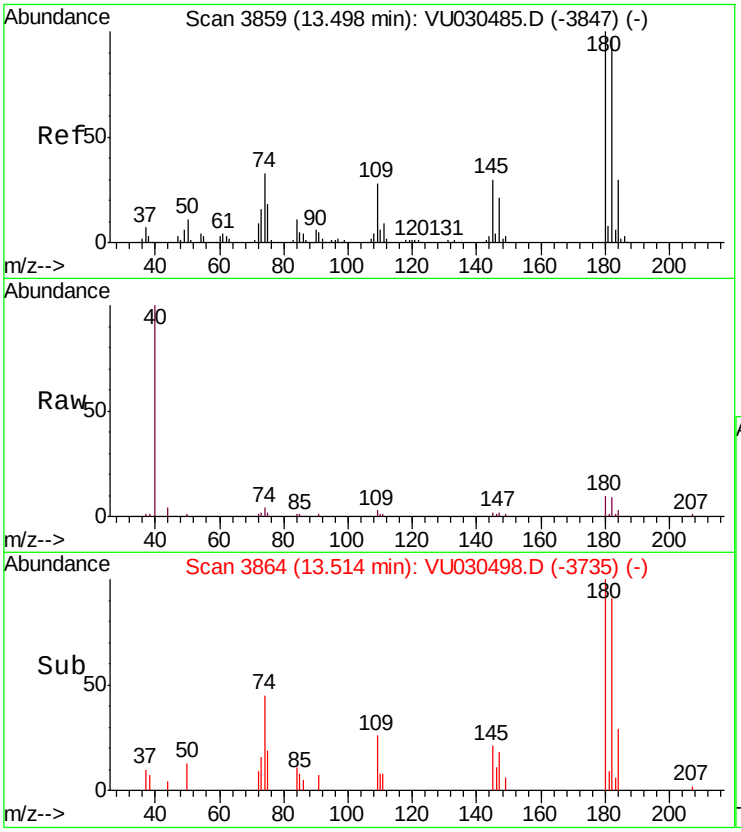


#67
1,3,5-Trichlorobenzene
Concen: 0.589 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.63 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Tgt Ion:180 Resp: 2360

Ion	Ratio	Lower	Upper
180	100		
182	179.6	75.9	113.9#
184	52.5	24.1	36.1#
145	27.6	23.8	35.8





#68
1,2,4-trichlorobenzene
Concen: 0.678 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.02 min
Lab File: VU030498.D
Acq: 27 Mar 2019 21:05

Instrument :
MSVOA_U
ClientSampleId :
C09D9DL

Tgt Ion:180 Resp: 2360

Ion	Ratio	Lower	Upper
180	100		
182	179.6	76.1	114.1#
145	27.6	24.5	36.7