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

Quantitation Report (Not Reviewed)

Data File : VU030482.D
Acq On : 27 Mar 2019 14:43
Operator : JC/SP
Sample : K2022-16 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C09E4

Quant Time: Mar 28 01:31:12 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	435104	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	416489	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	175062	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	153642	43.88	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 87.76%			
7) Chloroethane-d5	1.67	69	131741	47.47	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 94.94%			
11) 1,1-Dichloroethene-d2	2.27	63	227057	34.18	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 68.36%			
21) 2-Butanone-d5	4.17	46	342398	104.02	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 104.02%			
24) Chloroform-d	4.65	84	292479	48.48	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.96%			
26) 1,2-Dichloroethane-d4	5.31	65	202580	51.31	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.62%			
32) Benzene-d6	5.34	84	580308	48.59	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 97.18%			
36) 1,2-Dichloropropane-d6	6.33	67	214319	52.45	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 104.90%			
41) Toluene-d8	7.56	98	508635	47.42	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 94.84%			
43) trans-1,3-Dichloropropene-	7.85	79	91973	47.86	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 95.72%			
47) 2-Hexanone-d5	8.31	63	212561	95.99	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 95.99%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	291407	49.83	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 99.66%			
64) 1,2-Dichlorobenzene-d4	11.86	152	181704	51.80	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 103.60%			
Target Compounds						Qvalue
10) 1,1,2-Trichloro-1,2,2-trif	2.27	101	1795	0.565	ug/L #	21
33) Benzene	5.39	78	16039	1.131	ug/L	100
39) cis-1,3-Dichloropropene	7.23	75	4678	0.809	ug/L #	38
44) trans-1,3-Dichloropropene	7.85	75	3630	0.713	ug/L	84
48) 2-Hexanone	8.36	43	5883	1.062	ug/L #	88
51) Chlorobenzene	9.12	112	1614011	180.991	ug/L	99
59) 1,2,3-Trichloropropane	11.41	75	17604	3.595	ug/L #	45
62) 1,3-Dichlorobenzene	11.41	146	50005	8.734	ug/L	96
63) 1,4-Dichlorobenzene	11.50	146	178683	30.317	ug/L	99
65) 1,2-Dichlorobenzene	11.87	146	414238	71.558	ug/L	99
67) 1,3,5-Trichlorobenzene	13.51	180	7724	1.802	ug/L #	80
68) 1,2,4-trichlorobenzene	13.51	180	7724	2.074	ug/L #	80

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

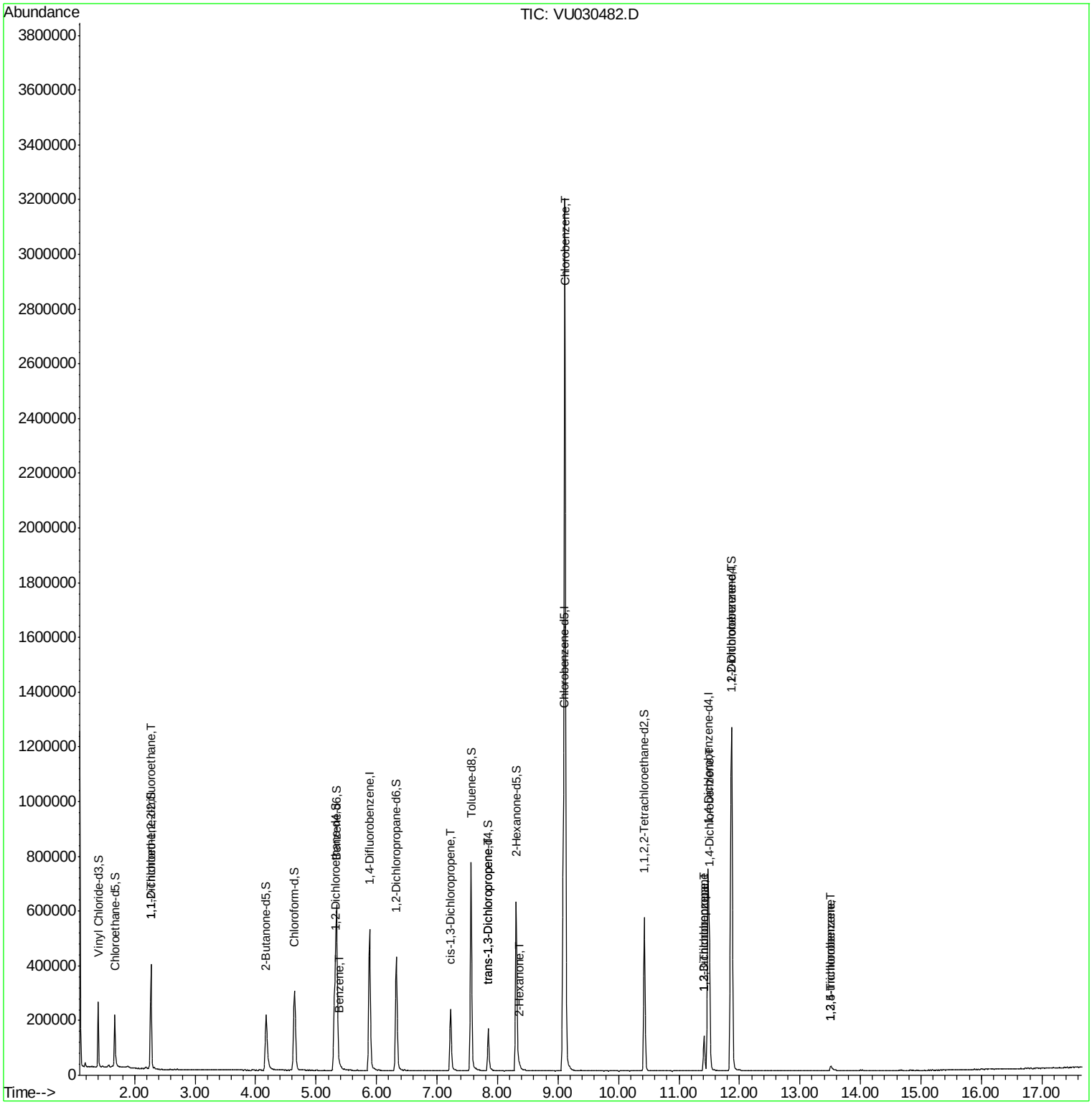
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU032719\

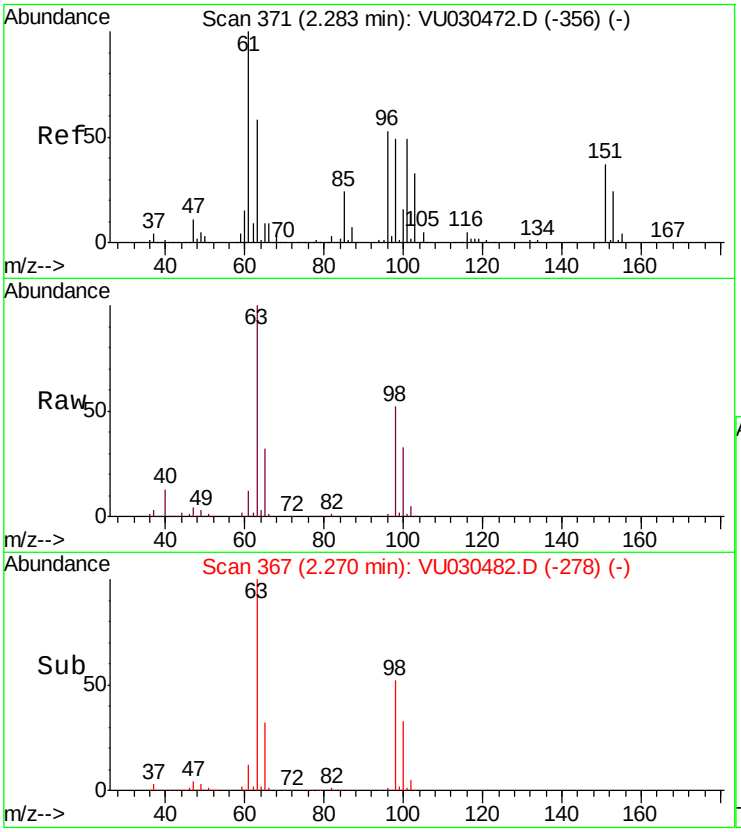
Quantitation Report (Not Reviewed)

Data File : VU030482.D
Acq On : 27 Mar 2019 14:43
Operator : JC/SP
Sample : K2022-16 500X
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 12 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Quant Time: Mar 28 01:31:12 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



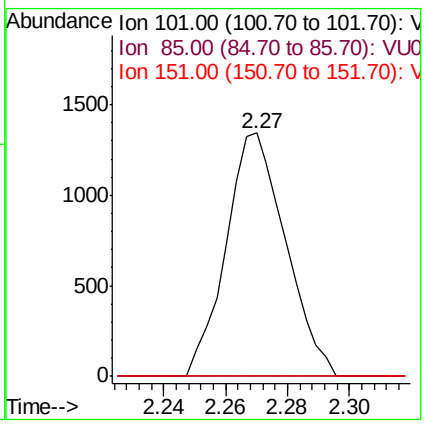


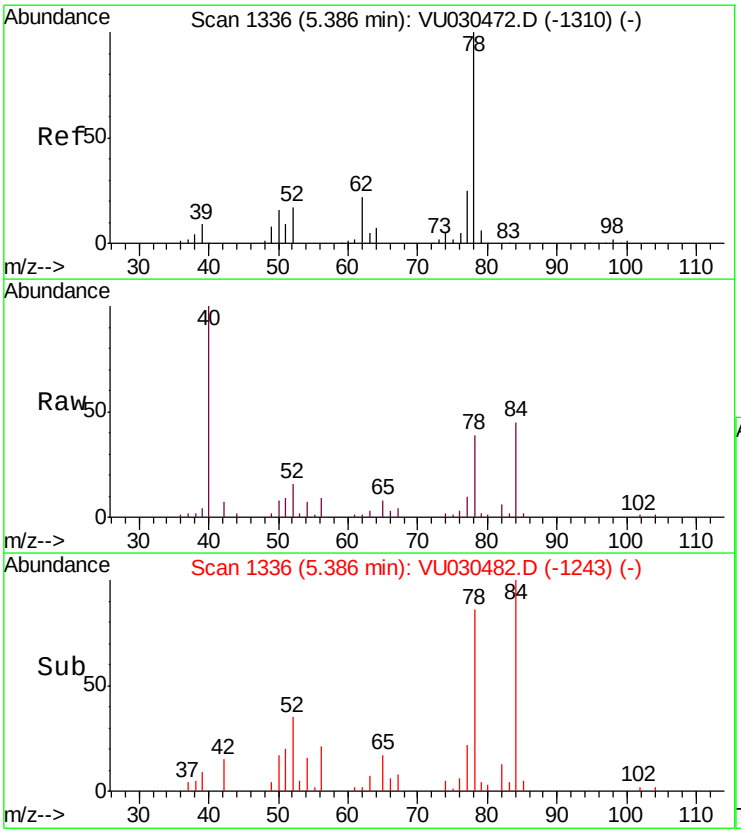
#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.565 ug/L
RT: 2.27 min Scan# 367
Delta R.T. -0.01 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Tgt Ion:101 Resp: 1795

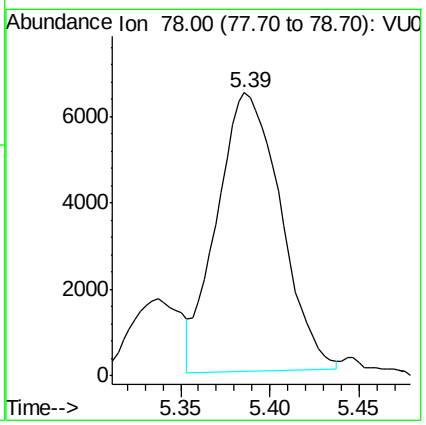
Ion	Ratio	Lower	Upper
101	100		
85	0.0	34.8	52.2#
151	0.0	56.6	85.0#

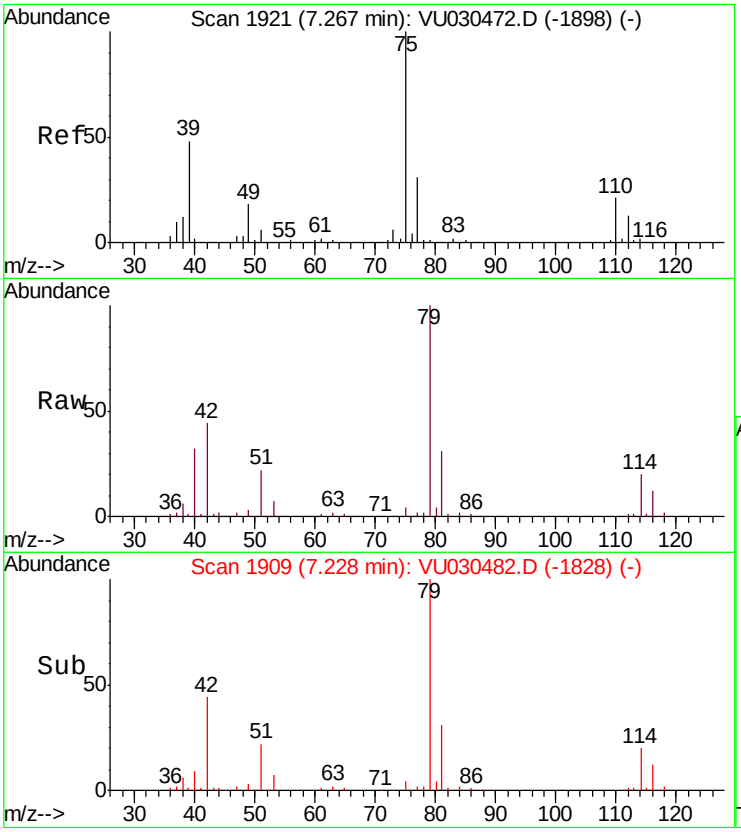




#33
Benzene
Concen: 1.131 ug/L
RT: 5.39 min Scan# 1336
Delta R.T. -0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion: 78 Resp: 16039



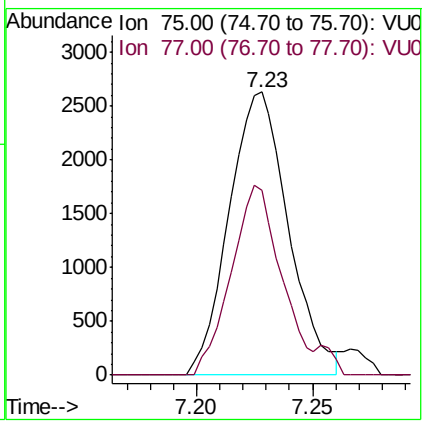


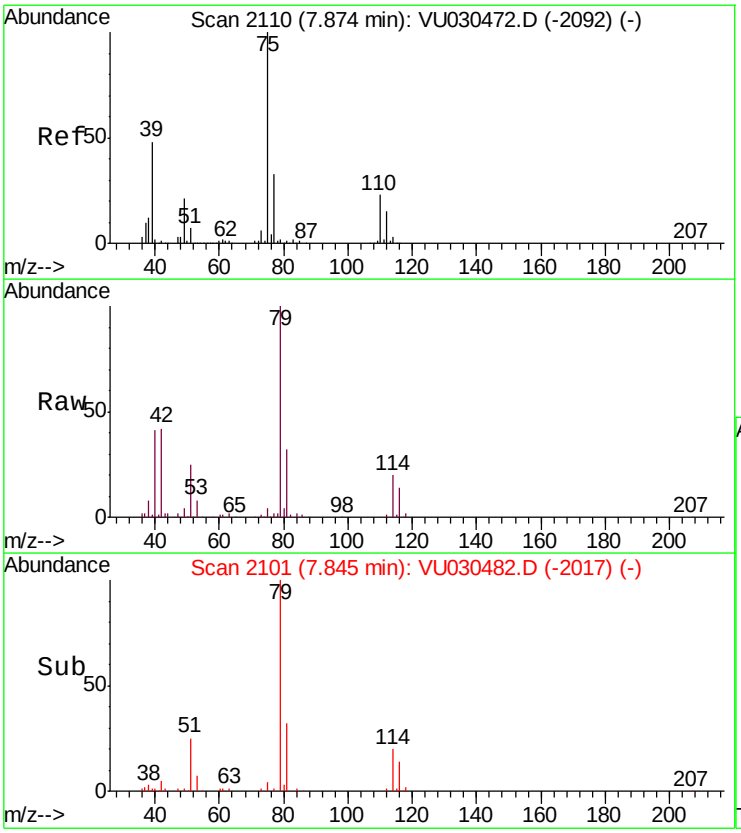
#39
cis-1,3-Dichloropropene
Concen: 0.809 ug/L
RT: 7.23 min Scan# 1909
Delta R.T. -0.04 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Tgt Ion: 75 Resp: 4678

Ion	Ratio	Lower	Upper
75	100		
77	65.2	21.8	40.6#

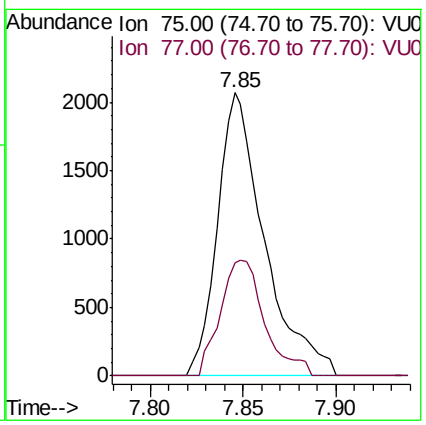


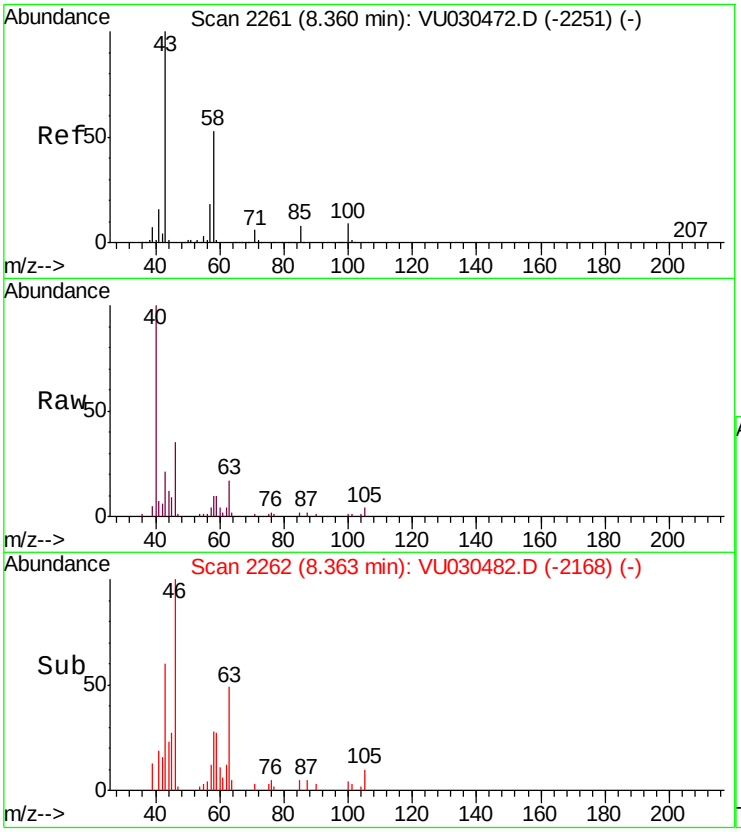


#44
trans-1,3-Dichloropropene
Concen: 0.713 ug/L
RT: 7.85 min Scan# 2101
Delta R.T. -0.03 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion: 75 Resp: 3630

Ion	Ratio	Lower	Upper
75	100		
77	40.0	22.0	40.8



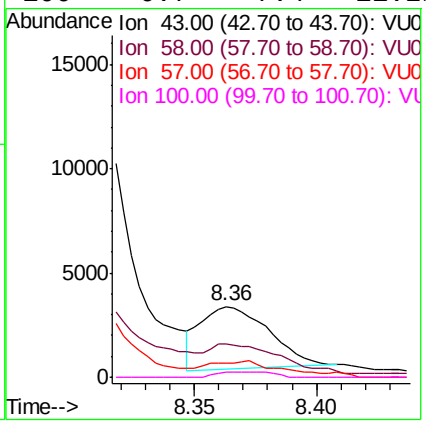


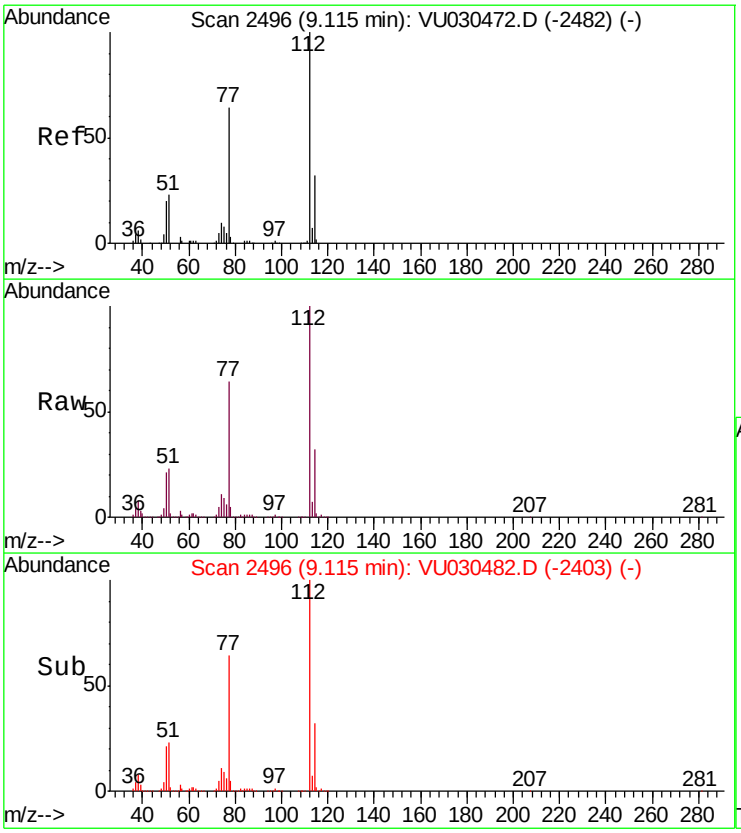
#48
2-Hexanone
Concen: 1.062 ug/L
RT: 8.36 min Scan# 2262
Delta R.T. 0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument : MSVOA_U
ClientSampleId : C09E4

Tgt Ion: 43 Resp: 5883

Ion	Ratio	Lower	Upper
43	100		
58	50.0	42.5	63.7
57	3.1	15.0	22.6#
100	6.7	7.4	11.2#

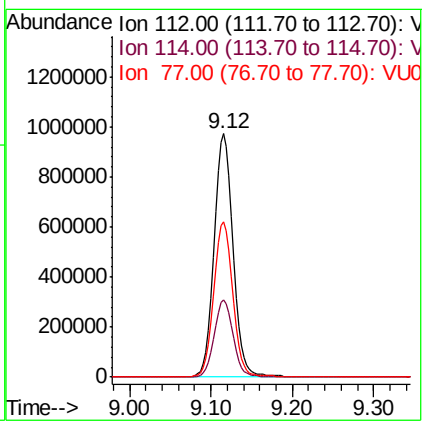


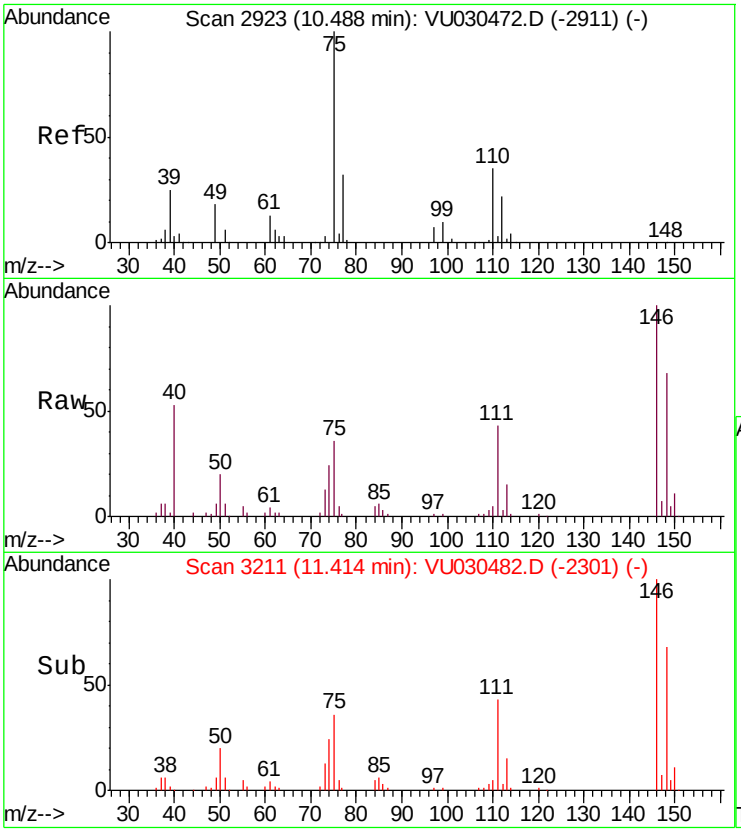


#51
Chlorobenzene
Concen: 180.991 ug/L
RT: 9.12 min Scan# 2496
Delta R.T. -0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion:112 Resp: 1614011

Ion	Ratio	Lower	Upper
112	100		
114	31.6	21.5	39.9
77	64.0	51.4	77.0



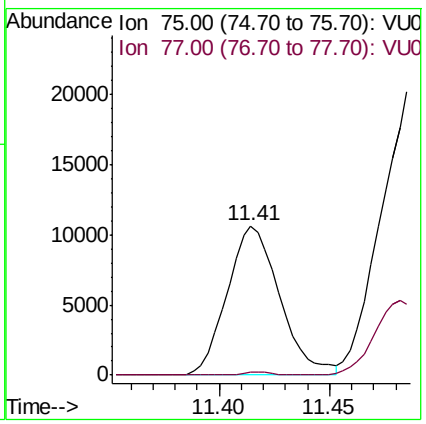


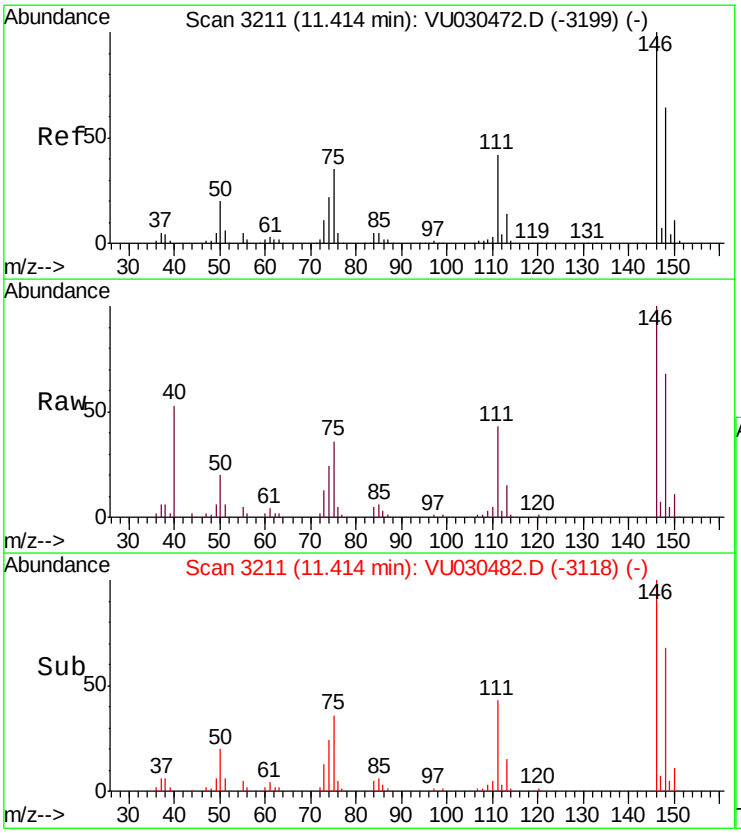
#59
1,2,3-Trichloropropane
Concen: 3.595 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. 0.93 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Tgt Ion: 75 Resp: 17604

Ion	Ratio	Lower	Upper
75	100		
77	1.0	25.4	38.2#

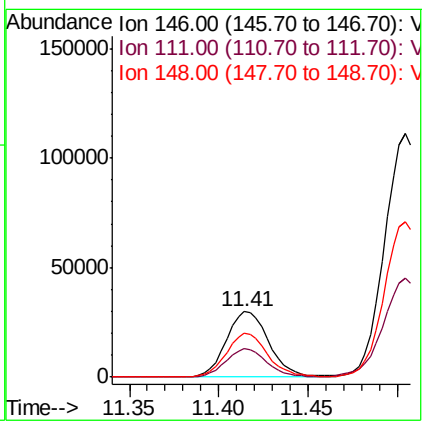


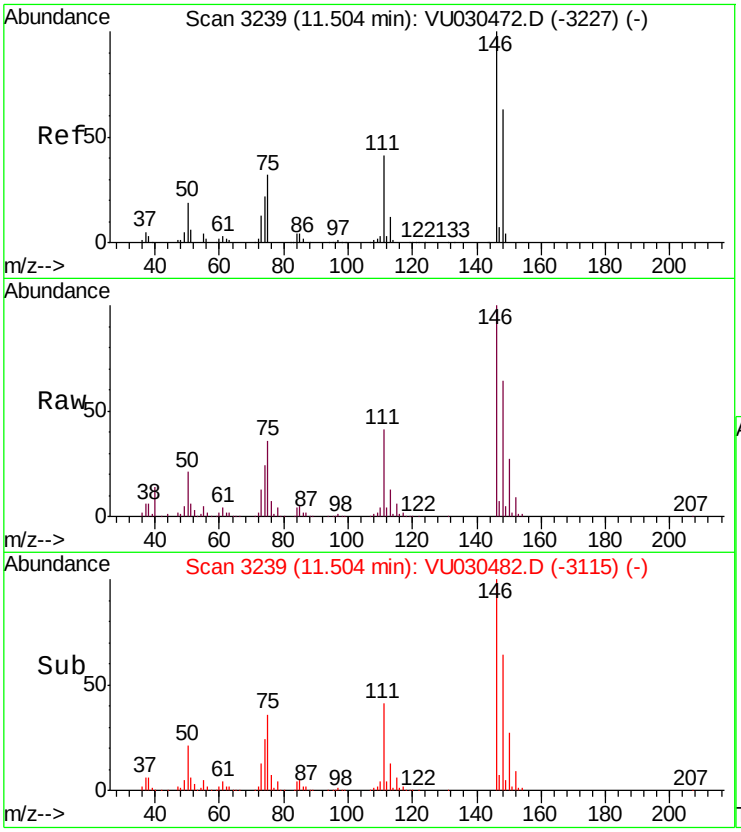


#62
1,3-Dichlorobenzene
Concen: 8.734 ug/L
RT: 11.41 min Scan# 3211
Delta R.T. -0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion:146 Resp: 50005

Ion	Ratio	Lower	Upper
146	100		
111	43.2	29.2	54.2
148	67.7	44.4	82.4



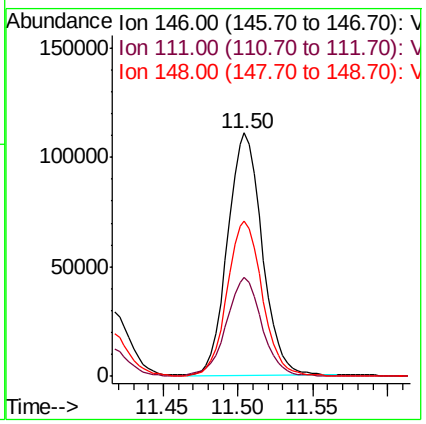


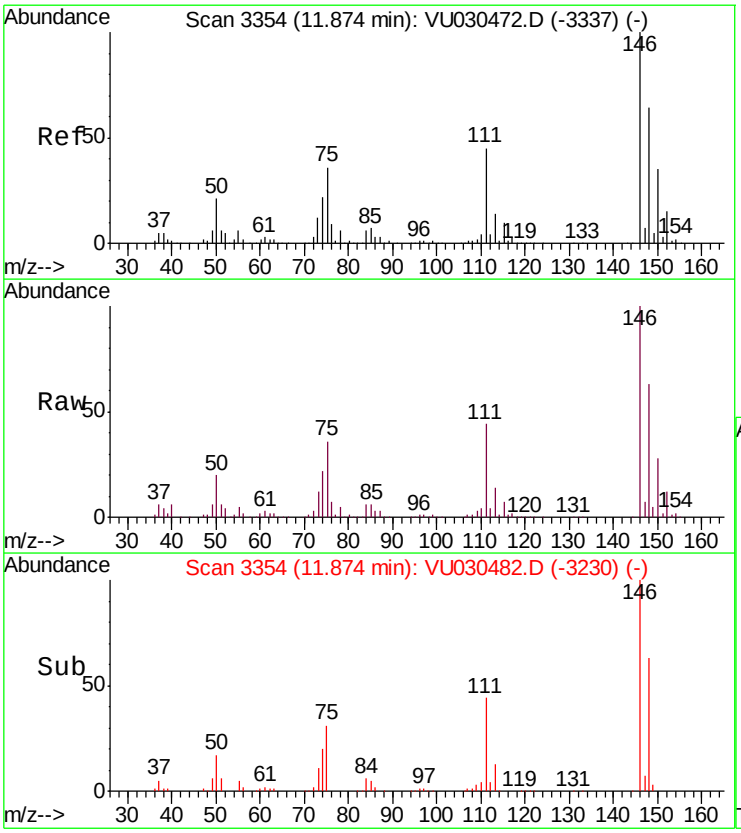
#63
1,4-Dichlorobenzene
Concen: 30.317 ug/L
RT: 11.50 min Scan# 3239
Delta R.T. -0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Tgt Ion:146 Resp: 178683

Ion	Ratio	Lower	Upper
146	100		
111	40.6	28.7	53.3
148	63.9	44.3	82.3

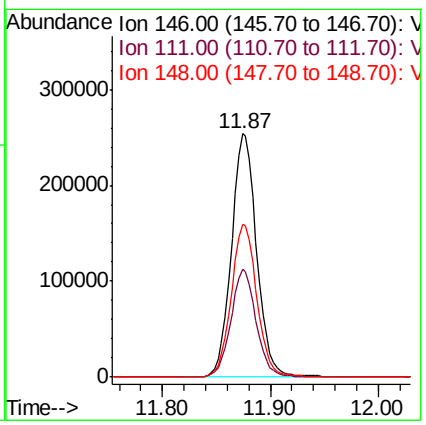


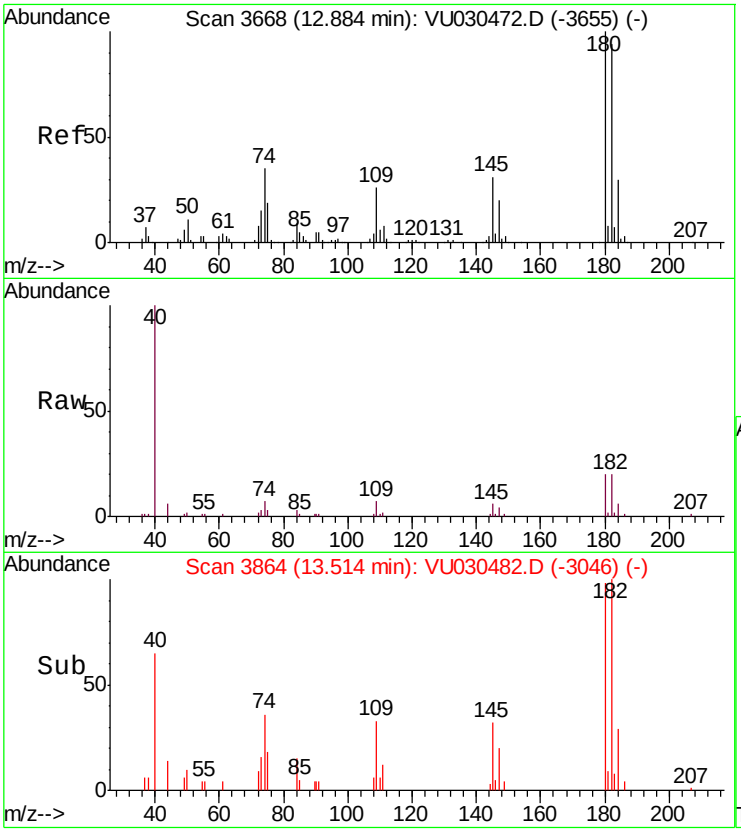


#65
1,2-Dichlorobenzene
Concen: 71.558 ug/L
RT: 11.87 min Scan# 3354
Delta R.T. -0.00 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion:146 Resp: 414238

Ion	Ratio	Lower	Upper
146	100		
111	44.2	34.9	52.3
148	62.8	51.2	76.8



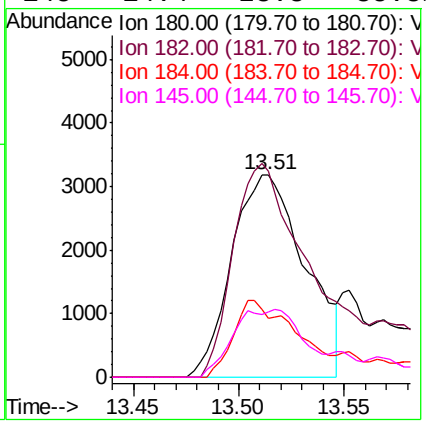


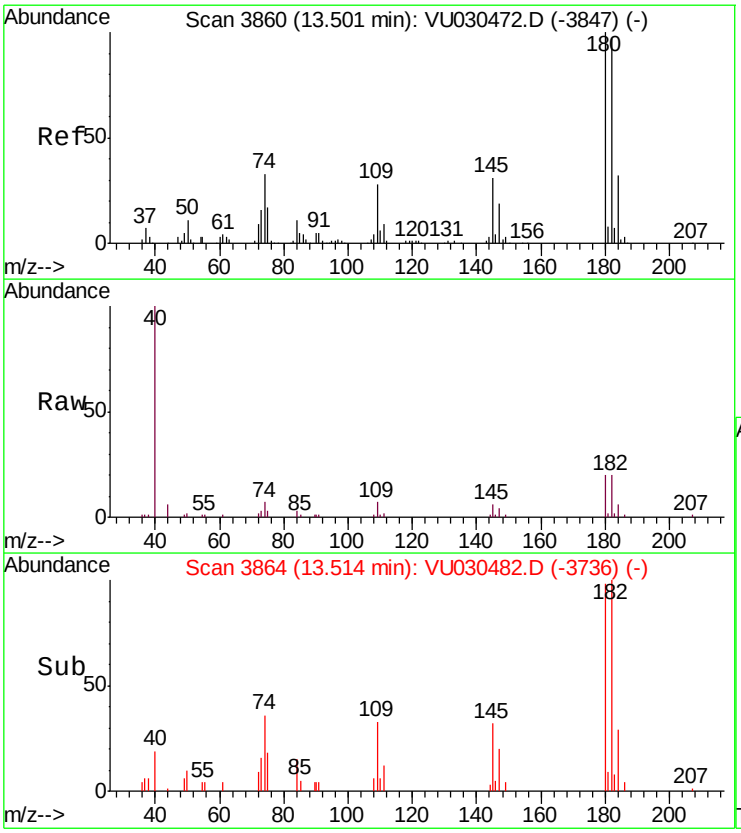
#67
1,3,5-Trichlorobenzene
Concen: 1.802 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.63 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Instrument :
MSVOA_U
ClientSampleId :
C09E4

Tgt Ion:180 Resp: 7724

Ion	Ratio	Lower	Upper
180	100		
182	111.1	75.9	113.9
184	17.2	24.1	36.1#
145	14.4	23.8	35.8#





#68
1,2,4-trichlorobenzene
Concen: 2.074 ug/L
RT: 13.51 min Scan# 3864
Delta R.T. 0.01 min
Lab File: VU030482.D
Acq: 27 Mar 2019 14:43

Tgt Ion:180 Resp: 7724

Ion	Ratio	Lower	Upper
180	100		
182	111.1	76.1	114.1
145	14.4	24.5	36.7#