Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

Quantitation Report (Not Reviewed)

Data File : VU037068.D
Acq On : 05 Mar 2020 03:35
Operator : JC/MD
Sample : L1780-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DJ4

Quant Time: Mar 05 04:27:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	265635	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	247415	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	85746	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.61	65	91623	41.07	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 82.14%			
7) Chloroethane-d5	1.92	69	94439	51.17	ug/L	0.02
Spiked Amount 50.000	Range 70 - 130		Recovery = 102.34%			
11) 1,1-Dichloroethene-d2	2.59	63	121942	32.64	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 65.28%			
21) 2-Butanone-d5	4.67	46	152791	102.11	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 102.11%			
24) Chloroform-d	5.10	84	164620	48.33	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 96.66%			
26) 1,2-Dichloroethane-d4	5.74	65	118063	51.21	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 102.42%			
32) Benzene-d6	5.76	84	358380	50.09	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 100.18%			
36) 1,2-Dichloropropane-d6	6.72	67	120140	51.83	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 103.66%			
41) Toluene-d8	7.92	98	316718	47.71	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 95.42%			
43) trans-1,3-Dichloropropene-	8.20	79	47759	44.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 88.68%			
47) 2-Hexanone-d5	8.66	63	105676	93.24	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 93.24%			
57) 1,1,2,2-Tetrachloroethane-	10.77	84	168865	51.67	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 103.34%			
64) 1,2-Dichlorobenzene-d4	12.21	152	89608	53.46	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 106.92%			
Target Compounds						Qvalue
3) Chloromethane	1.53	50	2810	1.084	ug/L	98
13) Acetone	2.66	43	3477	2.259	ug/L	95
15) Methyl Acetate	2.79	43	4130	1.760	ug/L #	52
33) Benzene	5.81	78	45325	5.799	ug/L	100
35) Methylcyclohexane	6.72	83	26065	7.825	ug/L #	19
37) 1,2-Dichloropropane	6.72	63	13328	6.333	ug/L #	88
39) cis-1,3-Dichloropropene	7.59	75	2950	0.910	ug/L #	70
48) 2-Hexanone	8.66	43	12692	5.129	ug/L #	74
51) Chlorobenzene	9.47	112	60220	12.205	ug/L	98
59) 1,2,3-Trichloropropane	11.83	75	13770	5.086	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	28118	10.232	ug/L	98
65) 1,2-Dichlorobenzene	12.23	146	15327	5.519	ug/L	96
68) 1,2,4-trichlorobenzene	13.87	180	1399	1.058	ug/L #	89

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

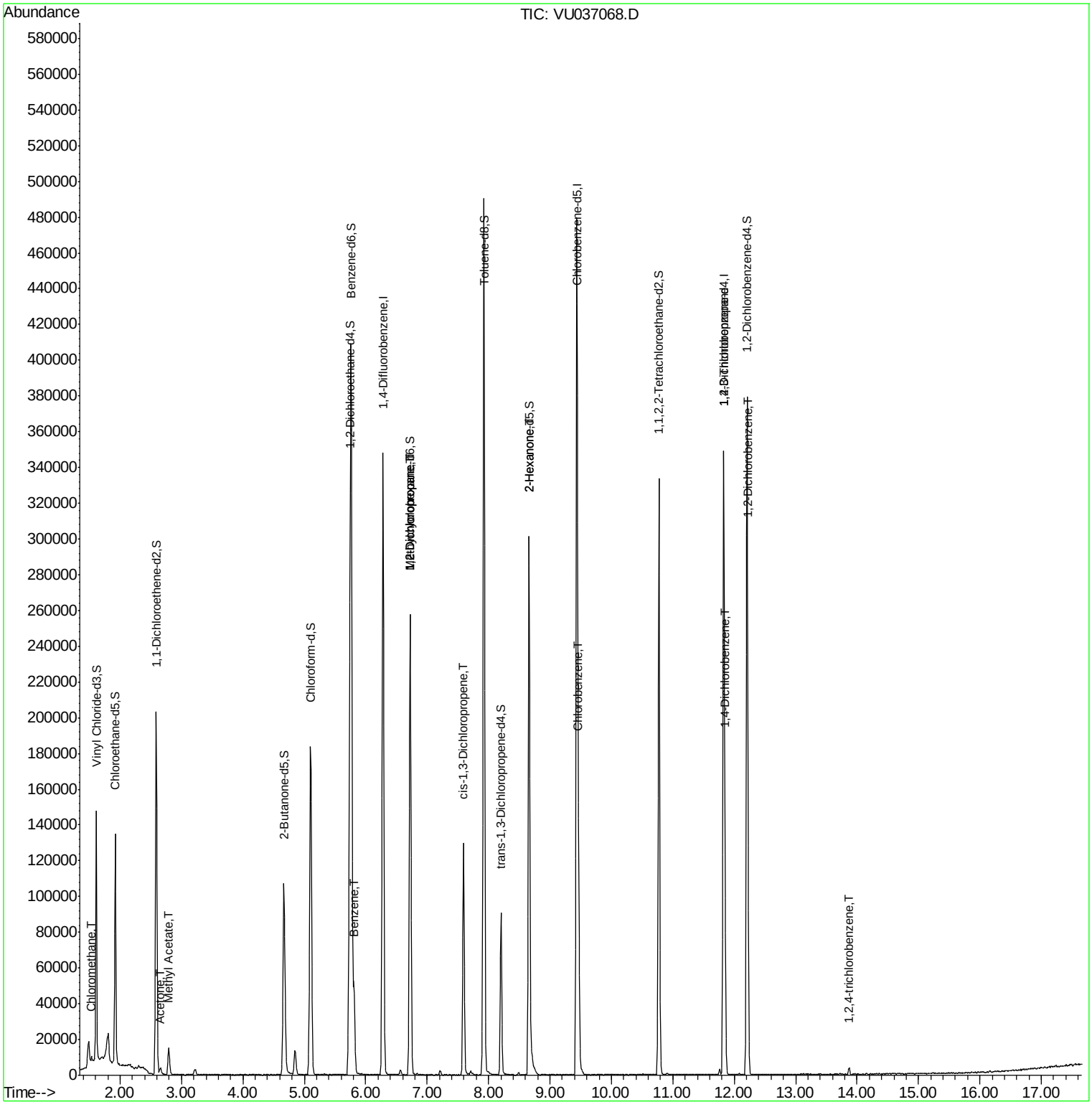
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU030420\

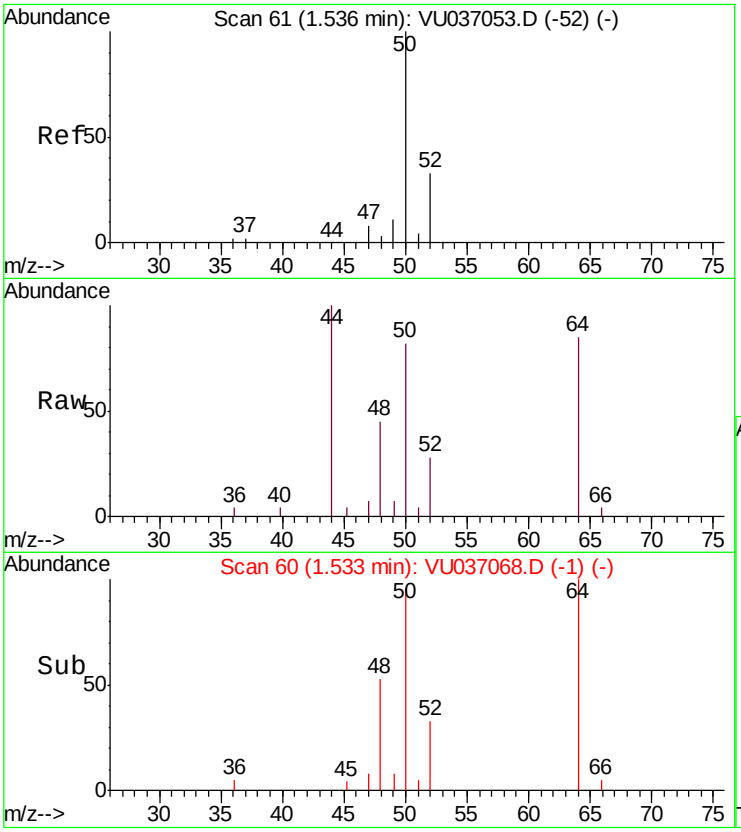
Quantitation Report (Not Reviewed)

Data File : VU037068.D
Acq On : 05 Mar 2020 03:35
Operator : JC/MD
Sample : L1780-17
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 40 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : C0DJ4

Quant Time: Mar 05 04:27:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM022420WMA.M
Quant Title : VOC Analysis
QLast Update : Thu Mar 05 02:52:45 2020
Response via : Initial Calibration



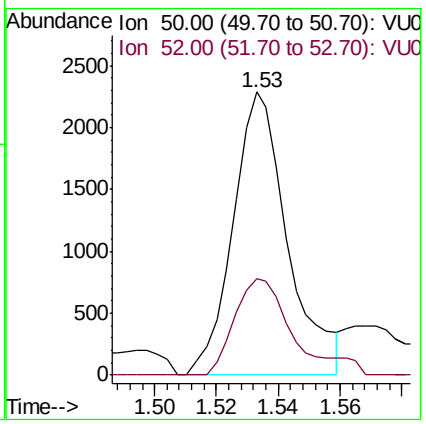


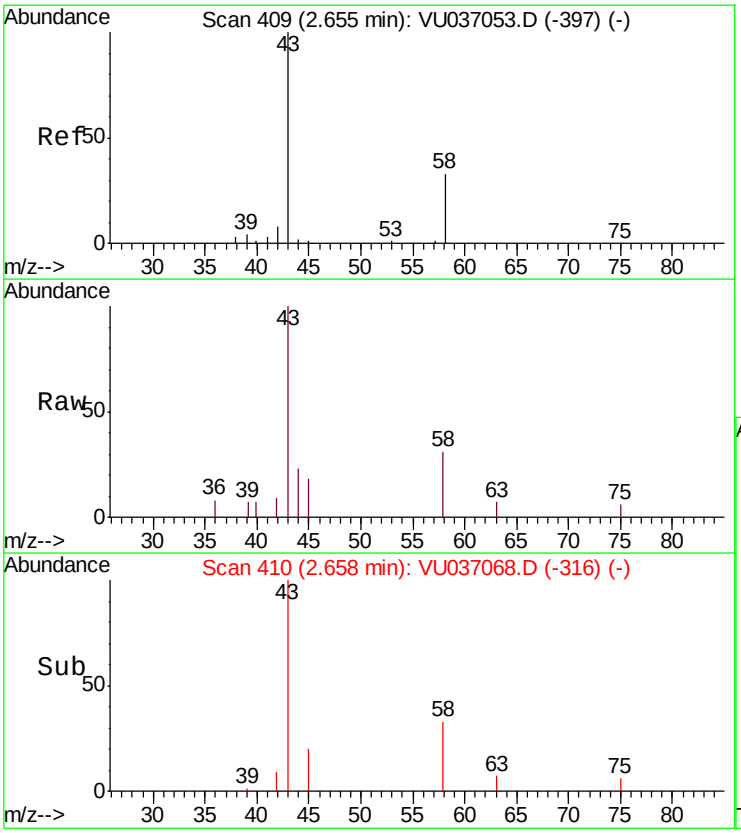
#3
Chloromethane
Concen: 1.084 ug/L
RT: 1.53 min Scan# 60
Delta R.T. -0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion: 50 Resp: 2810

Ion	Ratio	Lower	Upper
50	100		
52	33.9	23.0	42.6

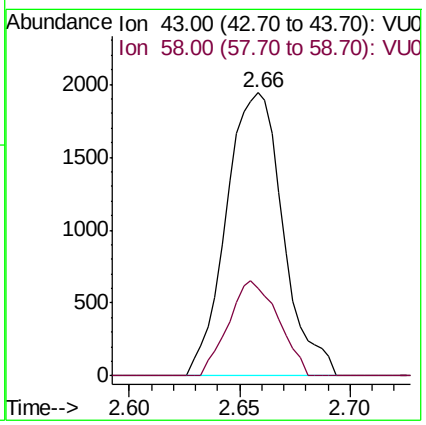


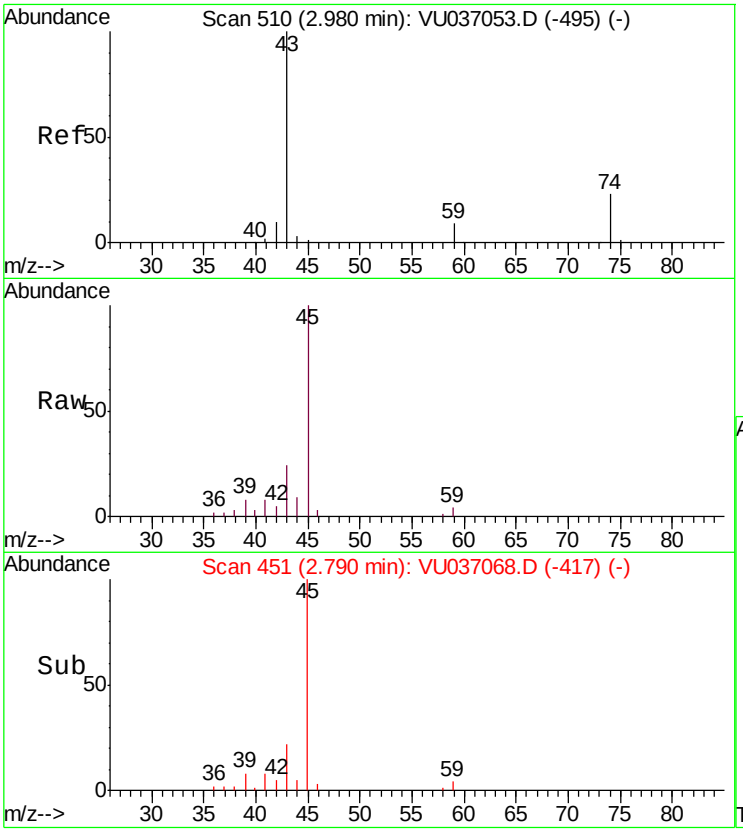


#13
Acetone
Concen: 2.259 ug/L
RT: 2.66 min Scan# 410
Delta R.T. 0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion: 43 Resp: 3477

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	64.6



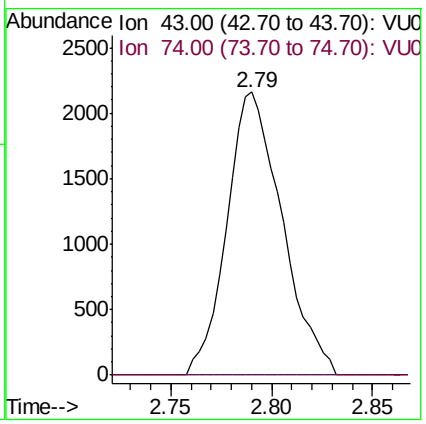


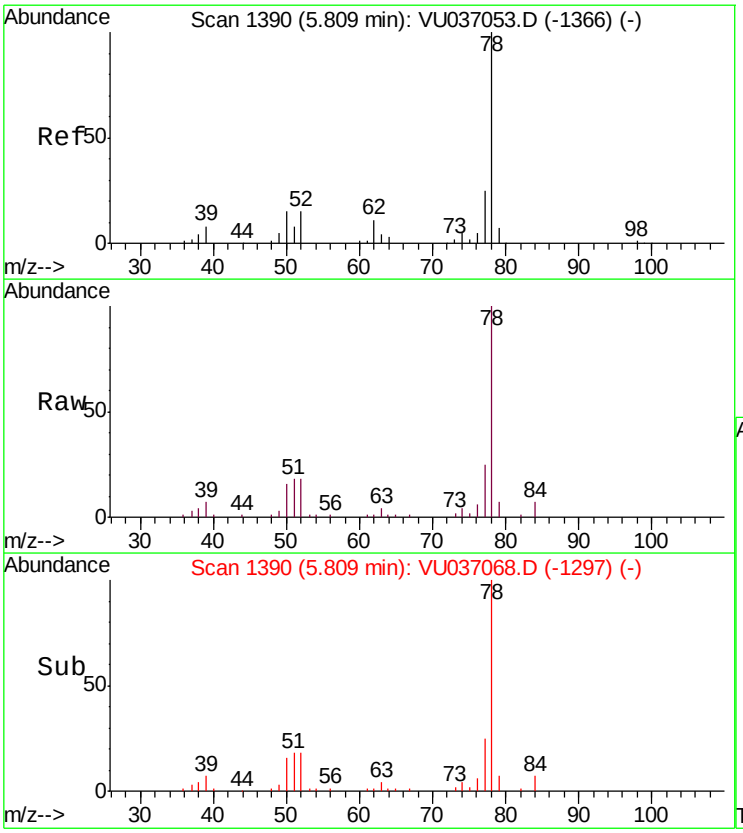
#15
Methyl Acetate
Concen: 1.760 ug/L
RT: 2.79 min Scan# 451
Delta R.T. -0.19 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion: 43 Resp: 4130

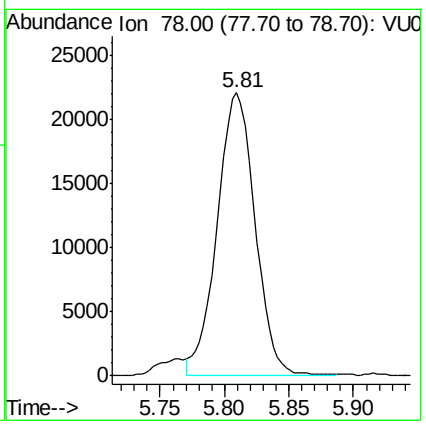
Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.4#

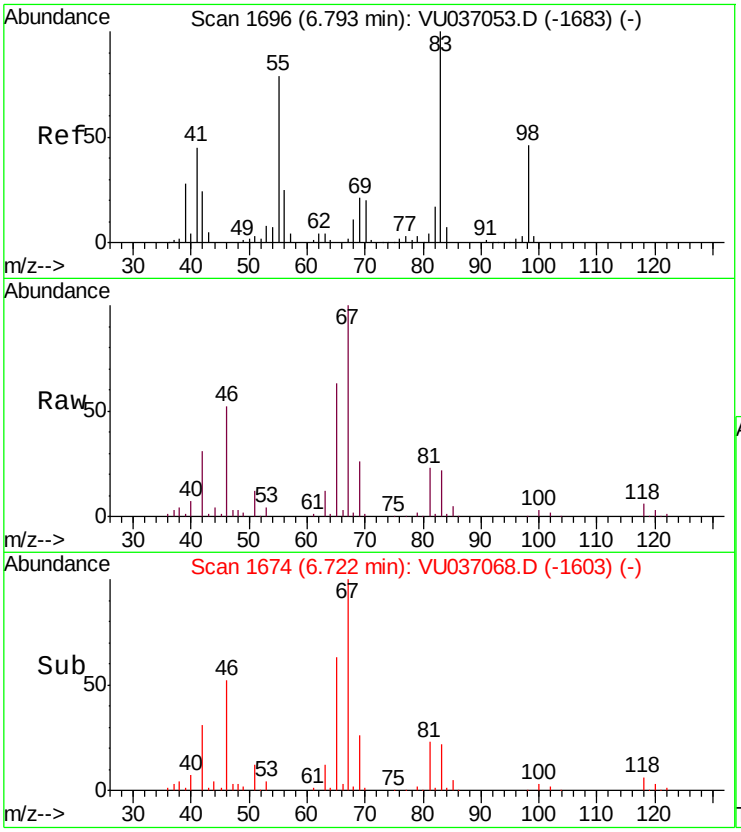




#33
Benzene
Concen: 5.799 ug/L
RT: 5.81 min Scan# 1390
Delta R.T. -0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion: 78 Resp: 45325



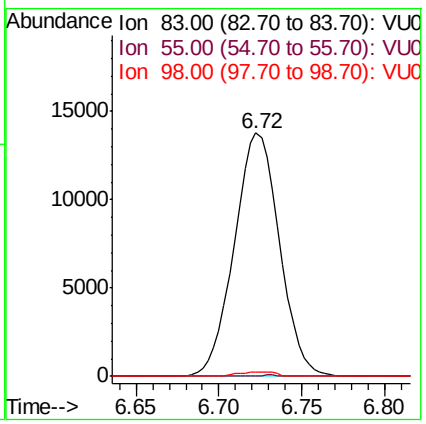


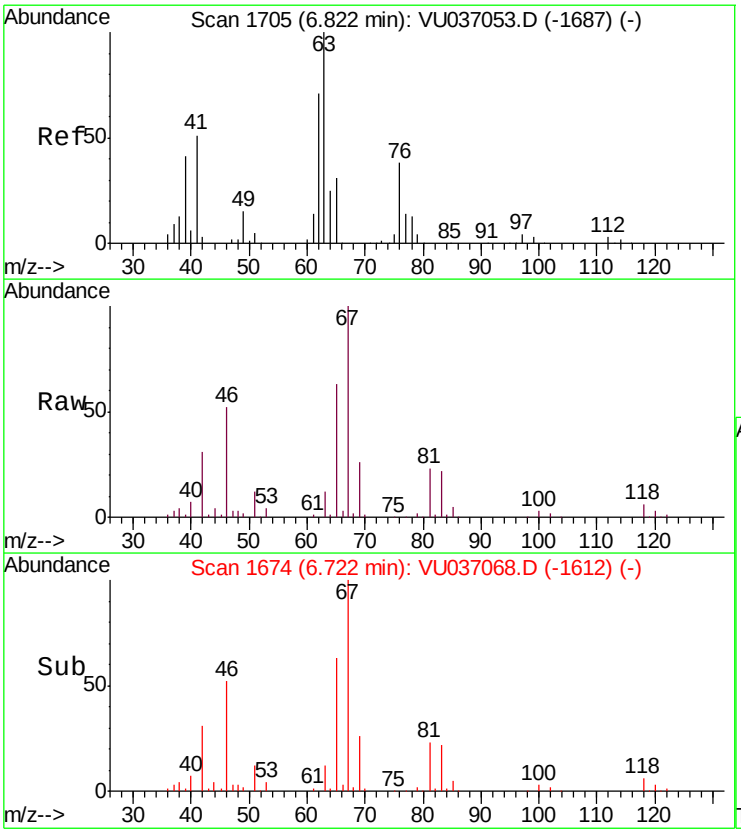
#35
Methylcyclohexane
Concen: 7.825 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.07 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument : MSVOA_U
ClientSampleId : C0DJ4

Tgt Ion: 83 Resp: 26065

Ion	Ratio	Lower	Upper
83	100		
55	0.2	62.6	93.8#
98	1.4	35.1	52.7#

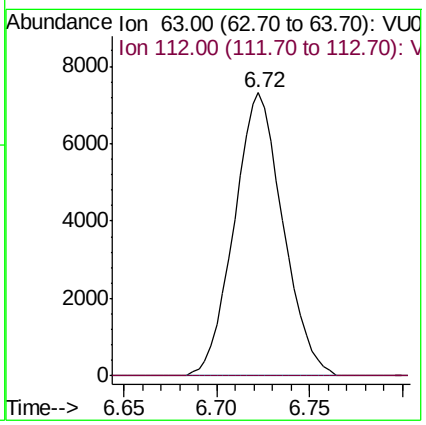


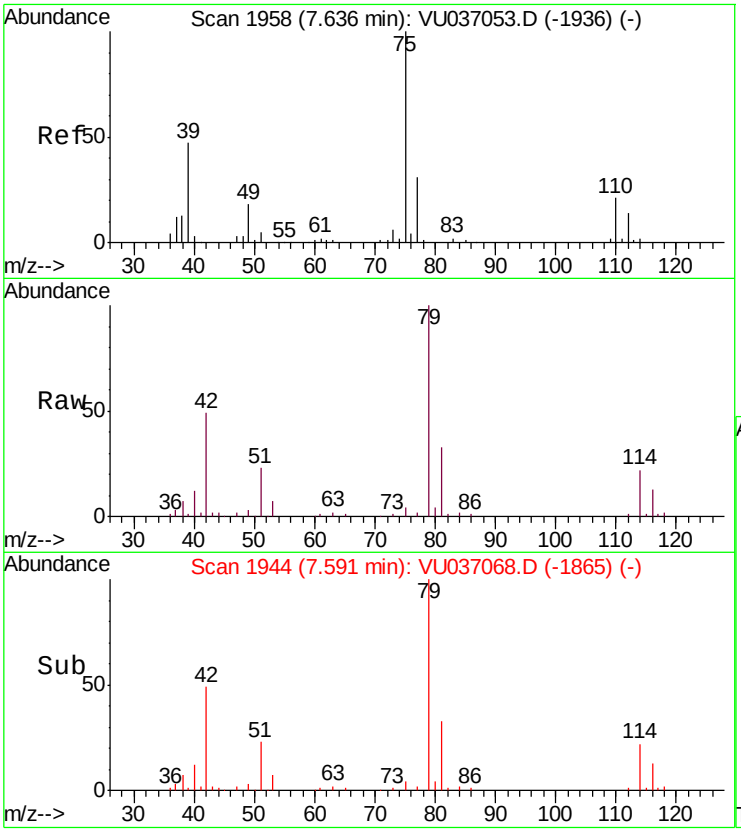


#37
1,2-Dichloropropane
Concen: 6.333 ug/L
RT: 6.72 min Scan# 1674
Delta R.T. -0.10 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion: 63 Resp: 13328

Ion	Ratio	Lower	Upper
63	100		
112	0.0	3.0	4.6#



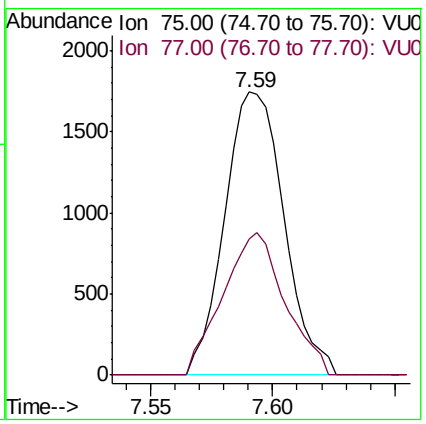


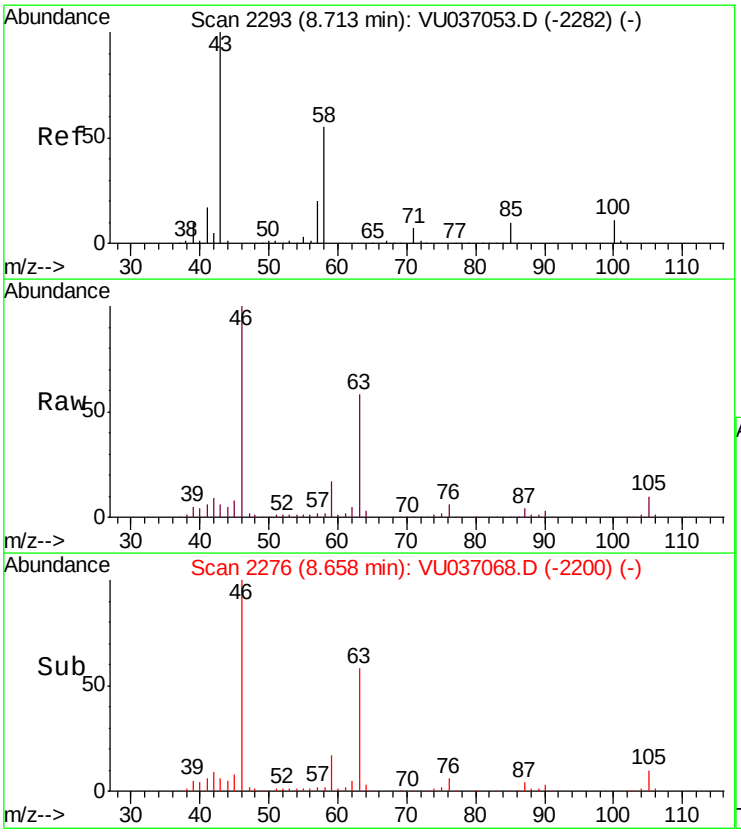
#39
cis-1,3-Dichloropropene
Concen: 0.910 ug/L
RT: 7.59 min Scan# 1944
Delta R.T. -0.05 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion: 75 Resp: 2950

Ion	Ratio	Lower	Upper
75	100		
77	48.1	22.0	41.0#

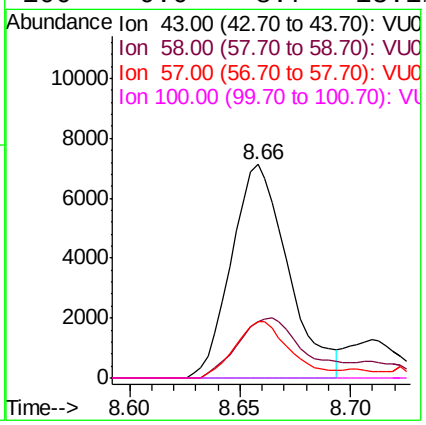


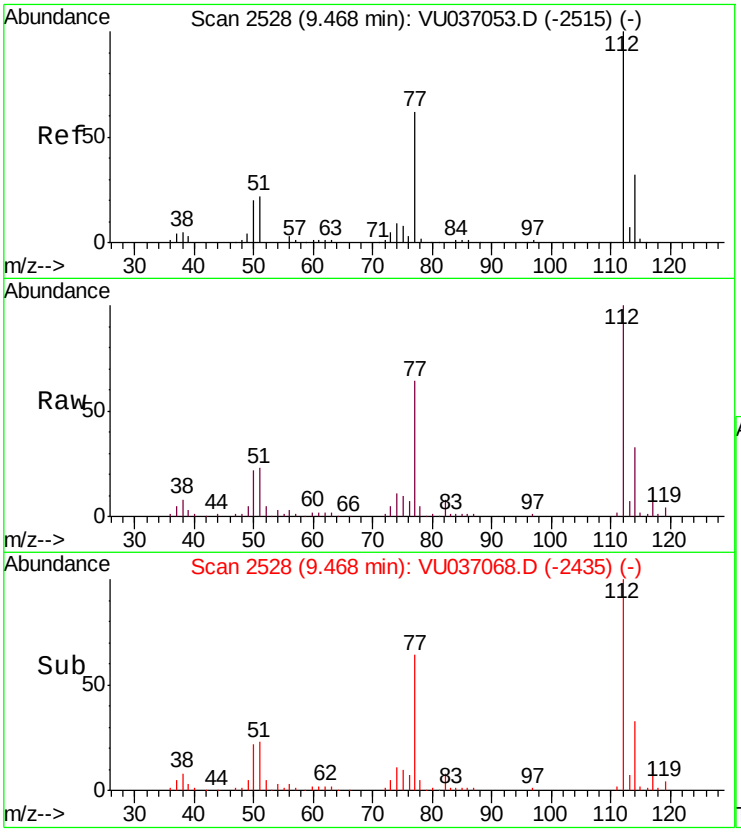


#48
2-Hexanone
Concen: 5.129 ug/L
RT: 8.66 min Scan# 2276
Delta R.T. -0.05 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion: 43 Resp: 12692

Ion	Ratio	Lower	Upper
43	100		
58	33.2	43.5	65.3#
57	25.7	15.1	22.7#
100	0.0	8.7	13.1#



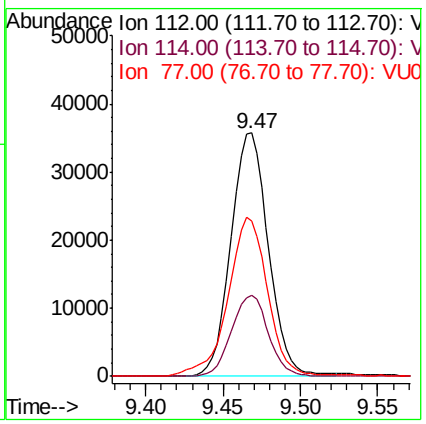


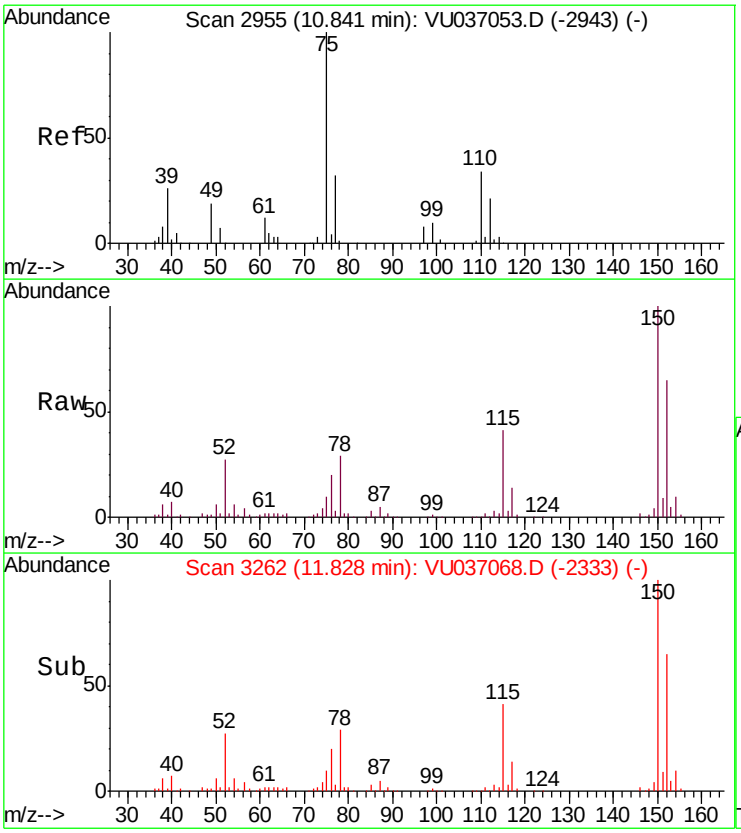
#51
Chlorobenzene
Concen: 12.205 ug/L
RT: 9.47 min Scan# 2528
Delta R.T. -0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument : MSVOA_U
ClientSampleId : C0DJ4

Tgt Ion:112 Resp: 60220

Ion	Ratio	Lower	Upper
112	100		
114	33.4	22.3	41.5
77	63.8	50.1	75.1

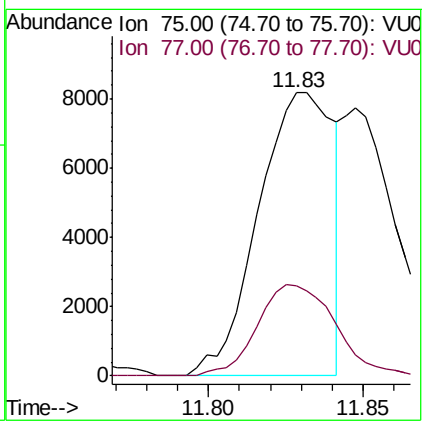


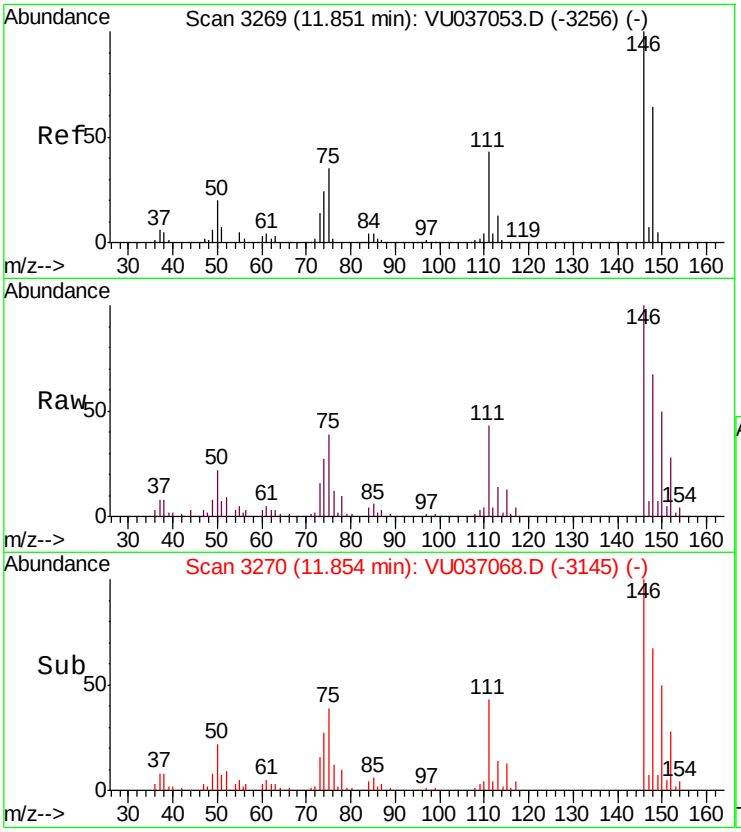


#59
1,2,3-Trichloropropane
Concen: 5.086 ug/L
RT: 11.83 min Scan# 3262
Delta R.T. 0.99 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion: 75 Resp: 13770

Ion	Ratio	Lower	Upper
75	100		
77	33.6	26.2	39.2



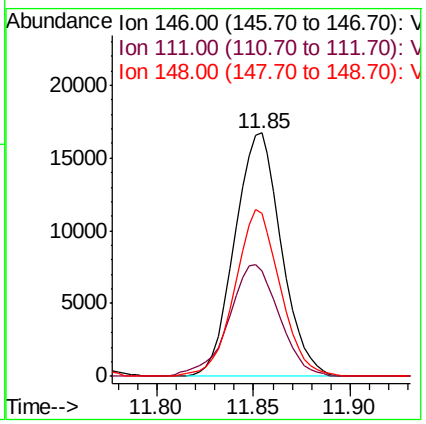


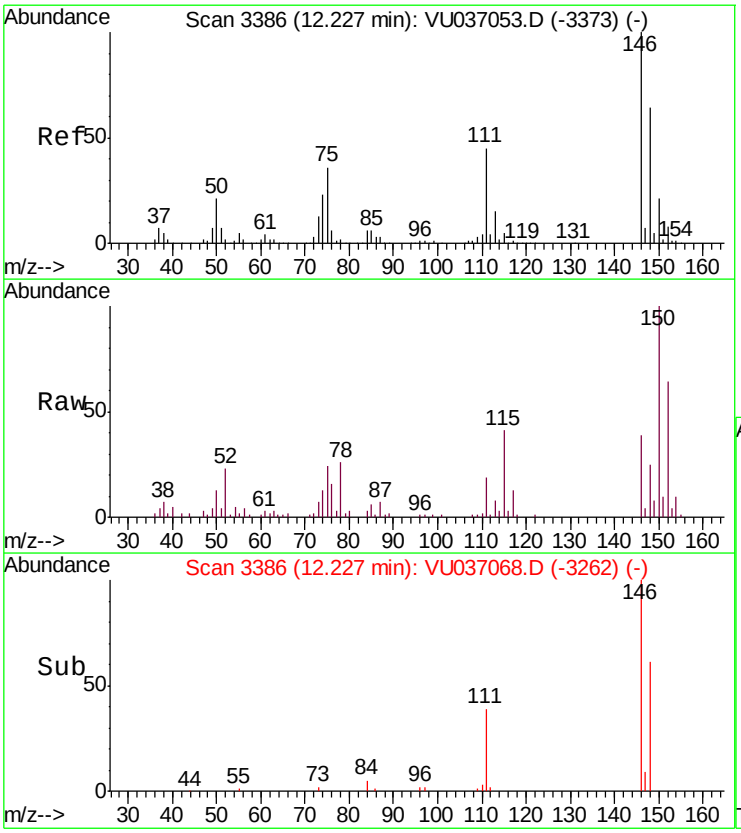
#63
1,4-Dichlorobenzene
Concen: 10.232 ug/L
RT: 11.85 min Scan# 3270
Delta R.T. 0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion:146 Resp: 28118

Ion	Ratio	Lower	Upper
146	100		
111	43.0	29.8	55.4
148	67.0	45.1	83.9

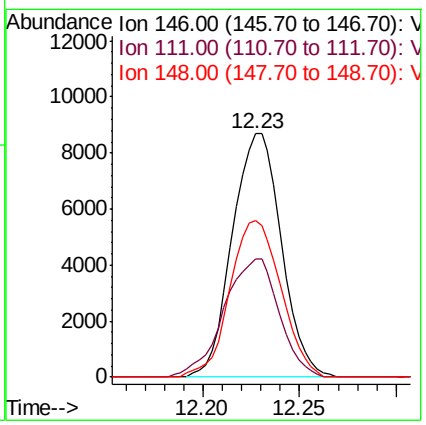


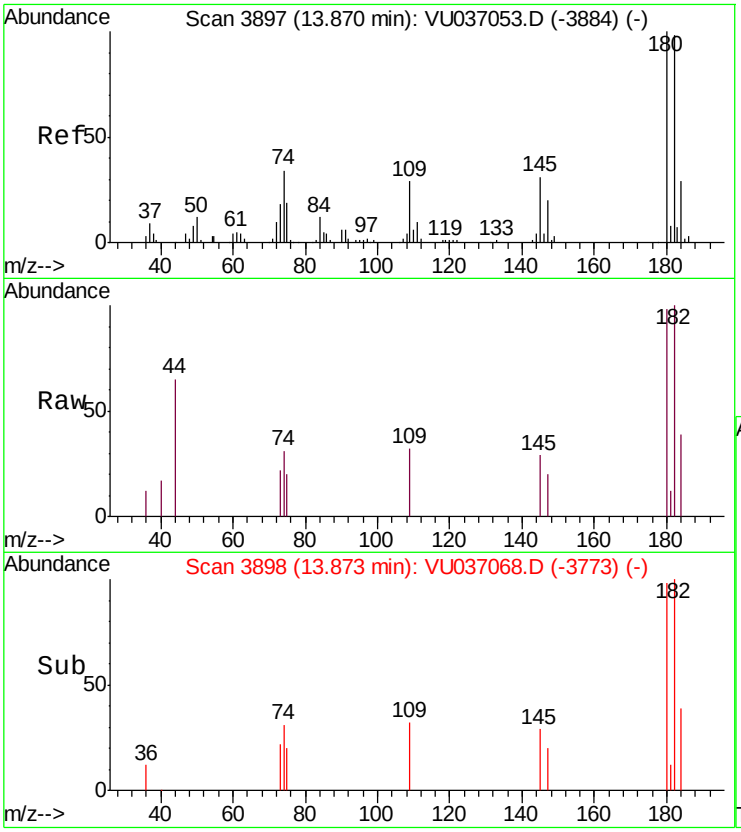


#65
1,2-Dichlorobenzene
Concen: 5.519 ug/L
RT: 12.23 min Scan# 3386
Delta R.T. -0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Tgt Ion:146 Resp: 15327

Ion	Ratio	Lower	Upper
146	100		
111	48.4	35.4	53.0
148	64.5	50.5	75.7





#68
1,2,4-trichlorobenzene
Concen: 1.058 ug/L
RT: 13.87 min Scan# 3898
Delta R.T. 0.00 min
Lab File: VU037068.D
Acq: 05 Mar 2020 03:35

Instrument :
MSVOA_U
ClientSampleId :
C0DJ4

Tgt Ion:180 Resp: 1399

Ion	Ratio	Lower	Upper
180	100		
182	103.6	75.3	112.9
145	25.0	26.2	39.4#