Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU031719\

Quantitation Report (Not Reviewed)

Data File : VU030134.D
Acq On : 16 Mar 2019 10:58
Operator : JC/SP
Sample : VU0317MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK34

Quant Time: Mar 18 04:26:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.88	114	585925	50.00	ug/L	0.00
28) Chlorobenzene-d5	9.09	117	566274	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.48	152	273239	50.00	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.40	65	140831	36.34	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery = 72.68%			
7) Chloroethane-d5	1.68	69	117109	37.43	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery = 74.86%			
11) 1,1-Dichloroethene-d2	2.27	63	192344	27.50	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 55.00%#			
21) 2-Butanone-d5	4.17	46	229341	78.98	ug/L	0.00
Spiked Amount 100.000	Range 40 - 130		Recovery = 78.98%			
24) Chloroform-d	4.65	84	261390	37.60	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 75.20%			
26) 1,2-Dichloroethane-d4	5.31	65	157733	39.27	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 78.54%			
32) Benzene-d6	5.34	84	559733	38.40	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery = 76.80%			
36) 1,2-Dichloropropane-d6	6.33	67	176749	39.62	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery = 79.24%			
41) Toluene-d8	7.56	98	494631	36.24	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 72.48%#			
43) trans-1,3-Dichloropropene-	7.85	79	80907	37.44	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery = 74.88%			
47) 2-Hexanone-d5	8.31	63	194330	77.85	ug/L	0.00
Spiked Amount 100.000	Range 45 - 130		Recovery = 77.85%			
57) 1,1,2,2-Tetrachloroethane-	10.43	84	267190	38.98	ug/L	0.00
Spiked Amount 50.000	Range 65 - 120		Recovery = 77.96%			
64) 1,2-Dichlorobenzene-d4	11.86	152	208508	39.39	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery = 78.78%#			
Target Compounds						Qvalue
3) Chloromethane	1.33	50	2843	0.696	ug/L	95
35) Methylcyclohexane	6.33	83	40484	5.879	ug/L #	21
48) 2-Hexanone	8.37	43	4758	0.969	ug/L #	87
59) 1,2,3-Trichloropropane	11.48	75	28576	5.148	ug/L	92
68) 1,2,4-trichlorobenzene	13.51	180	3716	0.593	ug/L	96
69) Naphthalene	13.75	128	15326	0.753	ug/L #	79
70) 1,2,3-Trichlorobenzene	13.99	180	3785	0.582	ug/L #	60

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

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Quantitation Report (Not Reviewed)

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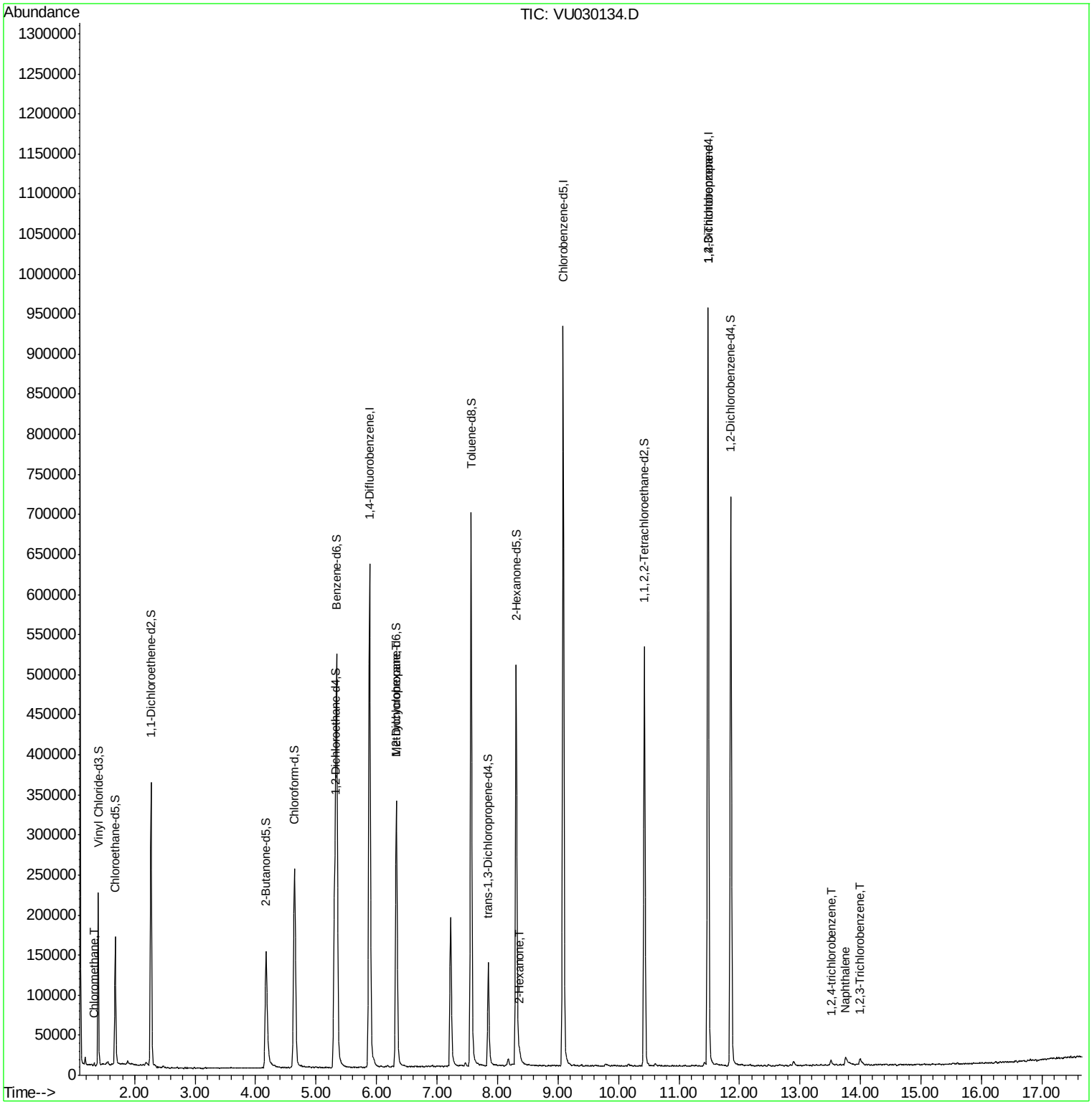
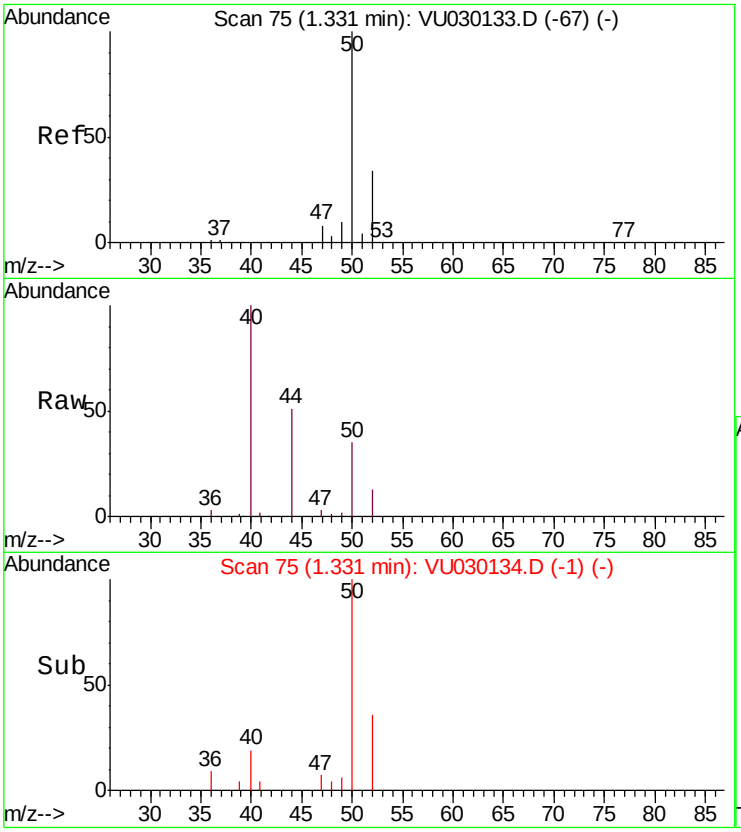
Acq On : 16 Mar 2019 10:58
Operator : JC/SP
Sample : VU0317MBL01
Misc : 5.00g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
ALS Vial : 3 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : VBLK34

Quant Time: Mar 18 04:26:43 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMULM031319WMA.M
Quant Title : VOC Analysis
QLast Update : Mon Mar 18 04:23:56 2019
Response via : Initial Calibration



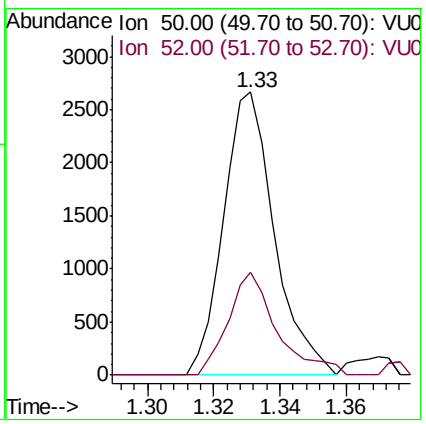


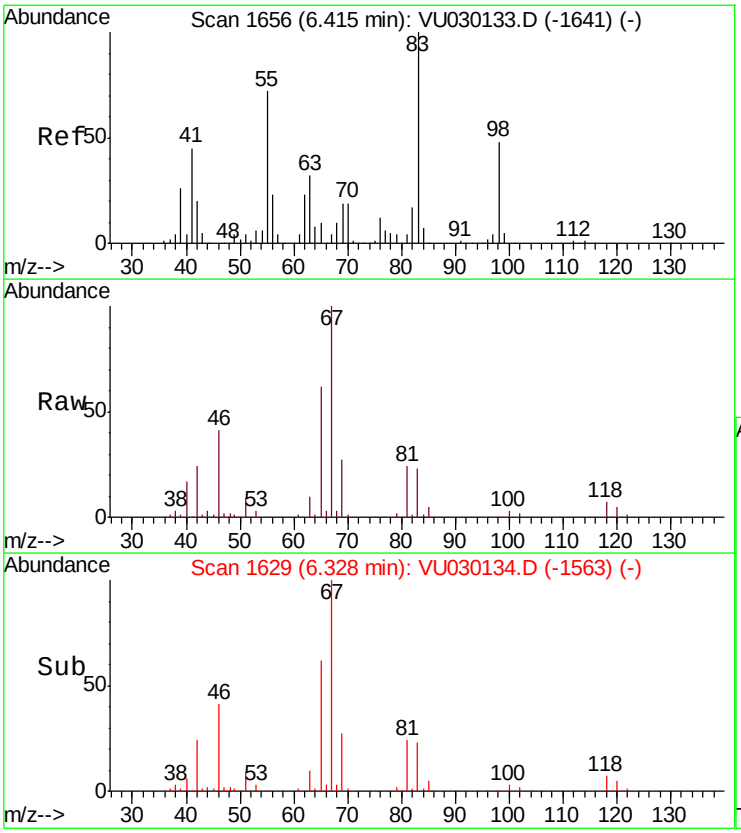
#3
Chloromethane
Concen: 0.696 ug/L
RT: 1.33 min Scan# 75
Delta R.T. -0.00 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion: 50 Resp: 2843

Ion	Ratio	Lower	Upper
50	100		
52	36.2	23.4	43.6

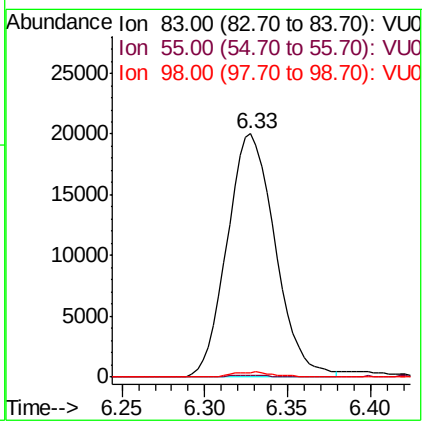


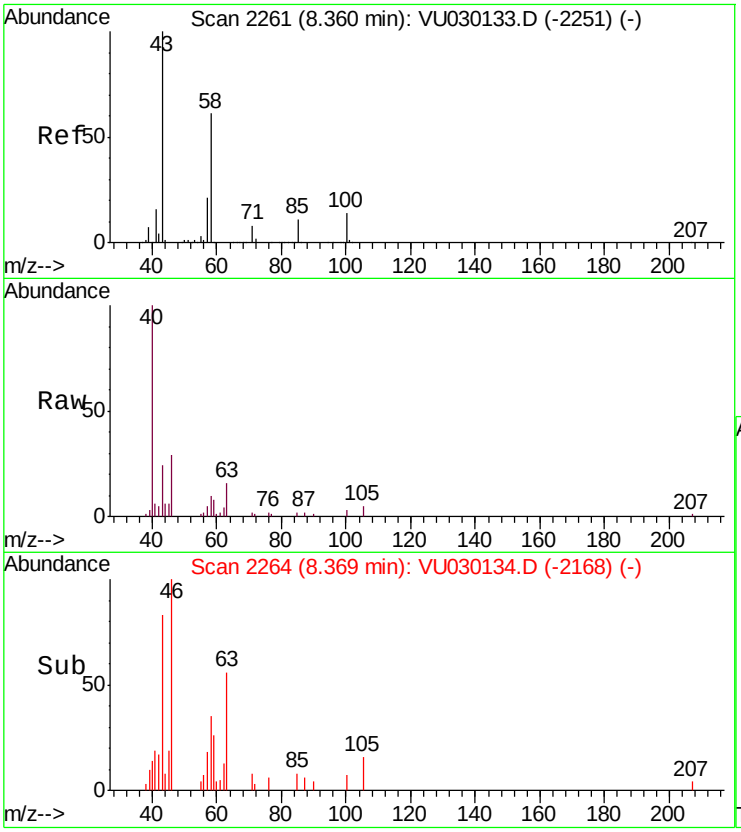


#35
Methylcyclohexane
Concen: 5.879 ug/L
RT: 6.33 min Scan# 1629
Delta R.T. -0.09 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Tgt Ion: 83 Resp: 40484

Ion	Ratio	Lower	Upper
83	100		
55	0.4	56.6	84.8#
98	0.0	37.8	56.6#



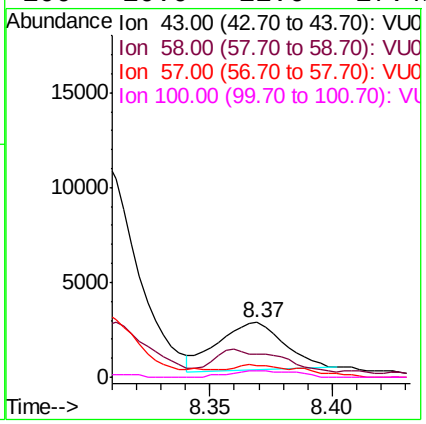


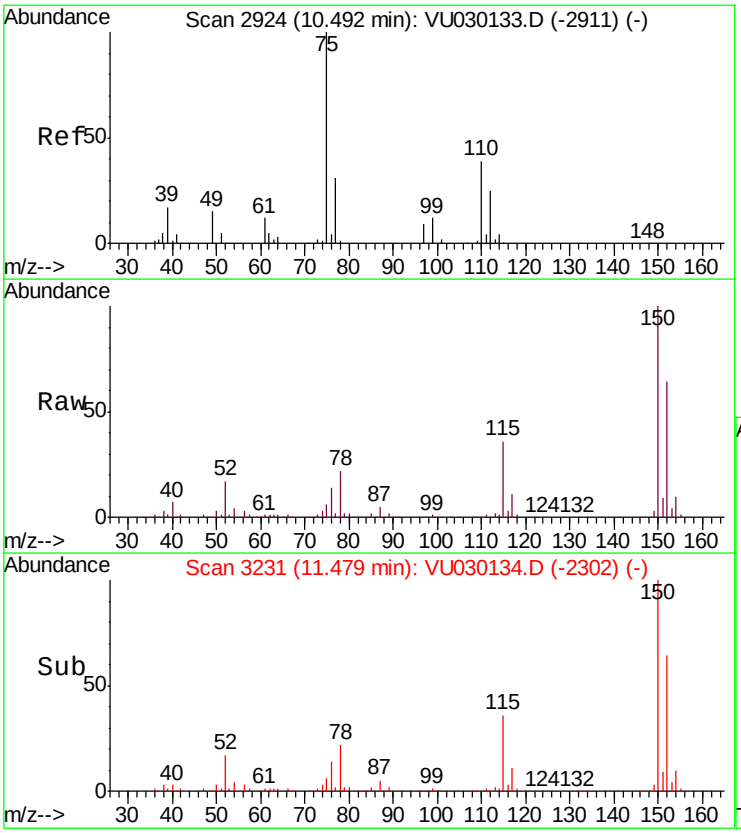
#48
2-Hexanone
Concen: 0.969 ug/L
RT: 8.37 min Scan# 2264
Delta R.T. 0.01 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Instrument : MSVOA_U
ClientSampleId : VBLK34

Tgt Ion: 43 Resp: 4758

Ion	Ratio	Lower	Upper
43	100		
58	55.4	48.6	72.8
57	4.2	16.1	24.1#
100	10.0	11.6	17.4#

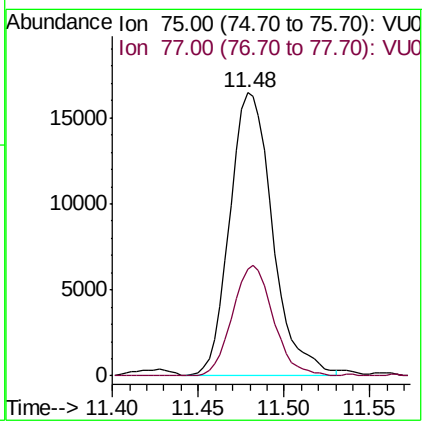


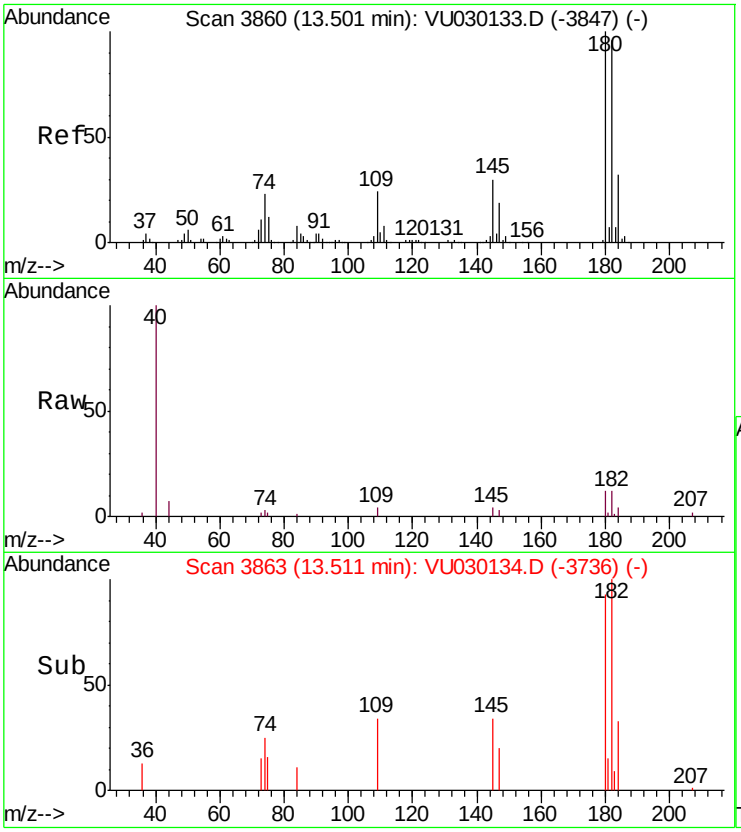


#59
1,2,3-Trichloropropane
Concen: 5.148 ug/L
RT: 11.48 min Scan# 3231
Delta R.T. 0.99 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Tgt Ion: 75 Resp: 28576

Ion	Ratio	Lower	Upper
75	100		
77	36.9	25.8	38.8



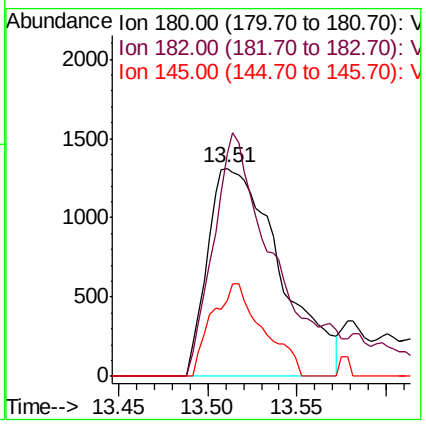


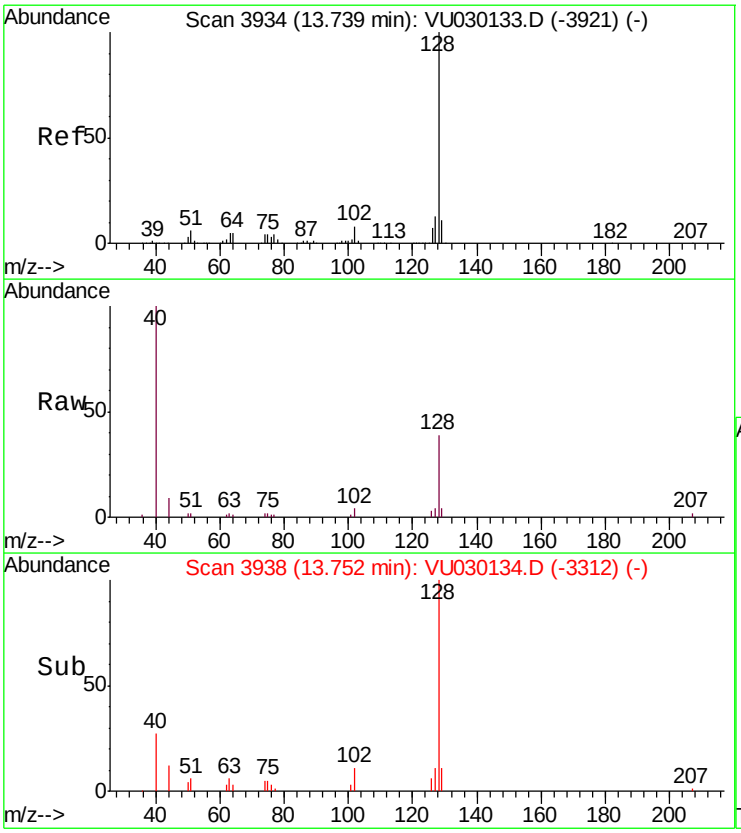
#68
1,2,4-trichlorobenzene
Concen: 0.593 ug/L
RT: 13.51 min Scan# 3863
Delta R.T. 0.01 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion:180 Resp: 3716

Ion	Ratio	Lower	Upper
180	100		
182	92.0	76.1	114.1
145	31.2	23.0	34.4

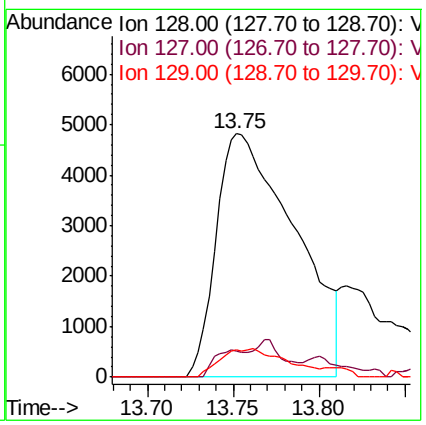


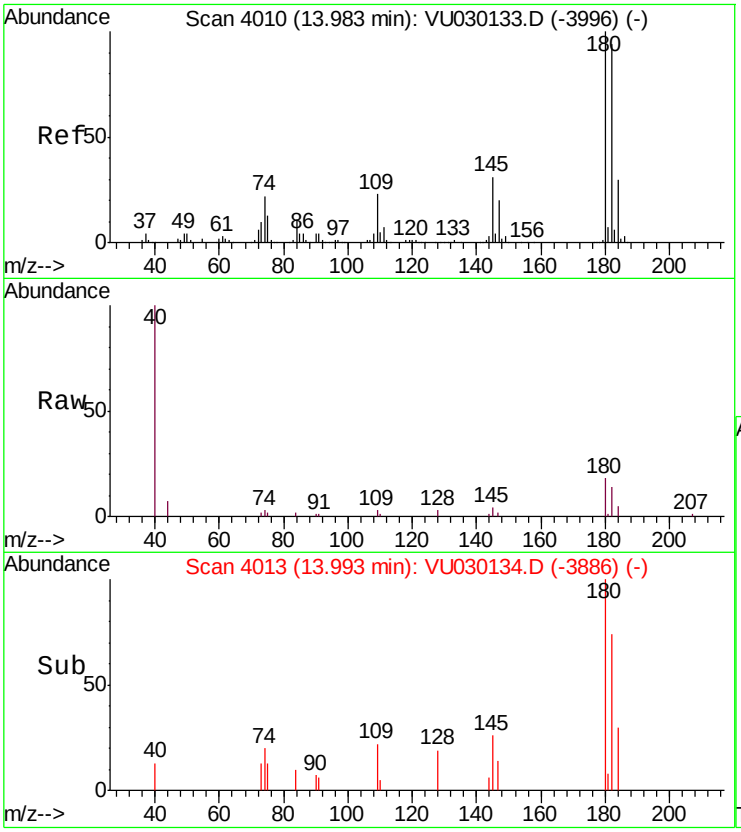


#69
Naphthalene
Concen: 0.753 ug/L
RT: 13.75 min Scan# 3938
Delta R.T. 0.01 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Tgt Ion:128 Resp: 15326

Ion	Ratio	Lower	Upper
128	100		
127	4.0	10.1	15.1#
129	3.6	8.7	13.1#





#70
1,2,3-Trichlorobenzene
Concen: 0.582 ug/L
RT: 13.99 min Scan# 4013
Delta R.T. 0.01 min
Lab File: VU030134.D
Acq: 16 Mar 2019 10:58

Instrument :
MSVOA_U
ClientSampleId :
VBLK34

Tgt Ion:180 Resp: 3785

Ion	Ratio	Lower	Upper
180	100		
182	136.8	75.9	113.9#
145	14.4	24.0	36.0#