Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010938.D
Acq On : 24 Jun 2019 19:01
Operator : SY/VA
Sample : K3456-04
Misc : 3.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : YANX4

Quant Time: Jun 25 02:49:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	69	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.86	152	95	25.00	ug/L	0.30
System Monitoring Compounds						
4) Vinyl Chloride-d3	2.25	65	56	62.61	ug/L	-0.11
Spiked Amount 25.000	Range 30 - 150		Recovery = 250.44%#			
7) Chloroethane-d5	0.00	69	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 150		Recovery = 0.00%#			
10) 1,1-Dichloroethene-d2	0.00	63	0	0.00	ug/L	
Spiked Amount 25.000	Range 45 - 110		Recovery = 0.00%#			
20) 2-Butanone-d5	7.09	46	247	588.09	ug/L	0.01
Spiked Amount 50.000	Range 20 - 135		Recovery = 1176.18%#			
24) Chloroform-d	0.00	84	0	0.00	ug/L	
Spiked Amount 25.000	Range 40 - 150		Recovery = 0.00%#			
26) 1,2-Dichloroethane-d4	8.30	65	158	136.97	ug/L	0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 547.88%#			
29) Benzene-d6	8.26	84	82	4.28	ug/L	-0.01
Spiked Amount 25.000	Range 20 - 135		Recovery = 17.12%#			
33) 1,2-Dichloropropane-d6	9.27	67	21	3.32	ug/L	0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 13.28%#			
37) Toluene-d8	10.32	98	206	11.92	ug/L	0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 47.68%			
38) trans-1,3-Dichloropropene-	0.00	79	0	0.00	ug/L	
Spiked Amount 25.000	Range 30 - 135		Recovery = 0.00%#			
39) 2-Hexanone-d5	0.00	63	0	0.00	ug/L	
Spiked Amount 50.000	Range 20 - 135		Recovery = 0.00%#			
48) 1,1,2,2-Tetrachloroethane-	12.69	84	536	102.76	ug/L	0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 411.04%#			
61) 1,2-Dichlorobenzene-d4	13.86	152	95	26.49	ug/L	0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 105.96%			
Target Compounds						Qvalue
3) Chloromethane	2.22	50	119	115.399	ug/L	85
5) Vinyl chloride	2.22	62	50	40.553	ug/L #	42
13) Acetone	4.12	43	343	852.785	ug/L	94
15) Methyl Acetate	4.67	43	100	143.630	ug/L #	58
16) Methylene chloride	4.93	84	109	106.663	ug/L #	52
17) Methyl tert-butyl Ether	5.70	73	42	27.774	ug/L #	1
21) 2-Butanone	7.17	43	195	368.650	ug/L #	54
34) Benzene	8.33	78	250	11.926	ug/L	100
43) 4-Methyl-2-pentanone	10.22	43	378	70.598	ug/L #	48
44) Toluene	10.38	91	106	4.836	ug/L	97
49) 2-Hexanone	10.96	43	95	24.940	ug/L #	42
52) Chlorobenzene	11.65	112	37	2.805	ug/L #	26
59) 1,2,3-Trichloropropane	12.57	75	40	9.964	ug/L #	43
69) Naphthalene	15.36	128	46	5.403	ug/L #	68

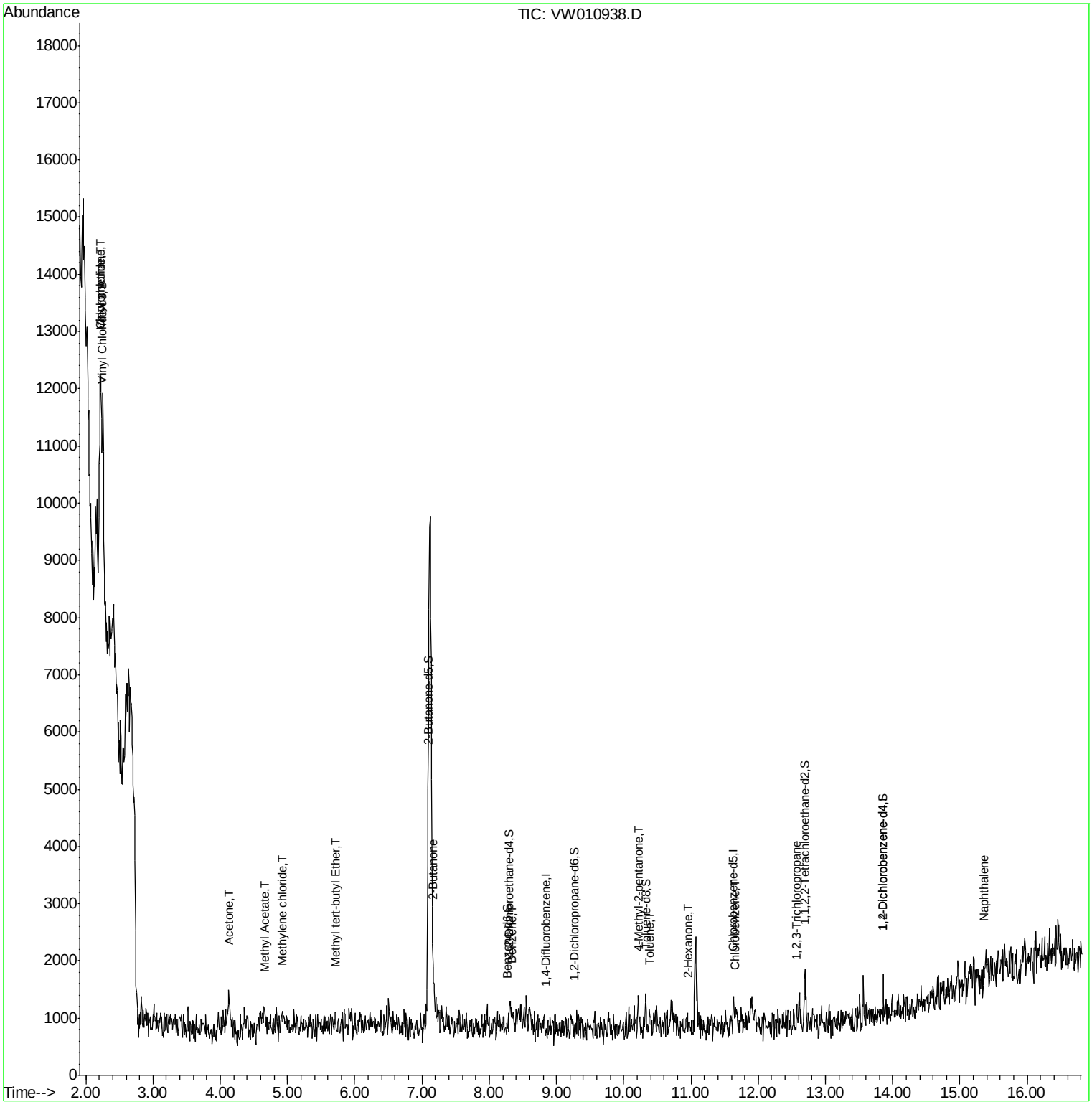
(#) = qualifier out of range (m) = manual integration (+) = signals summed

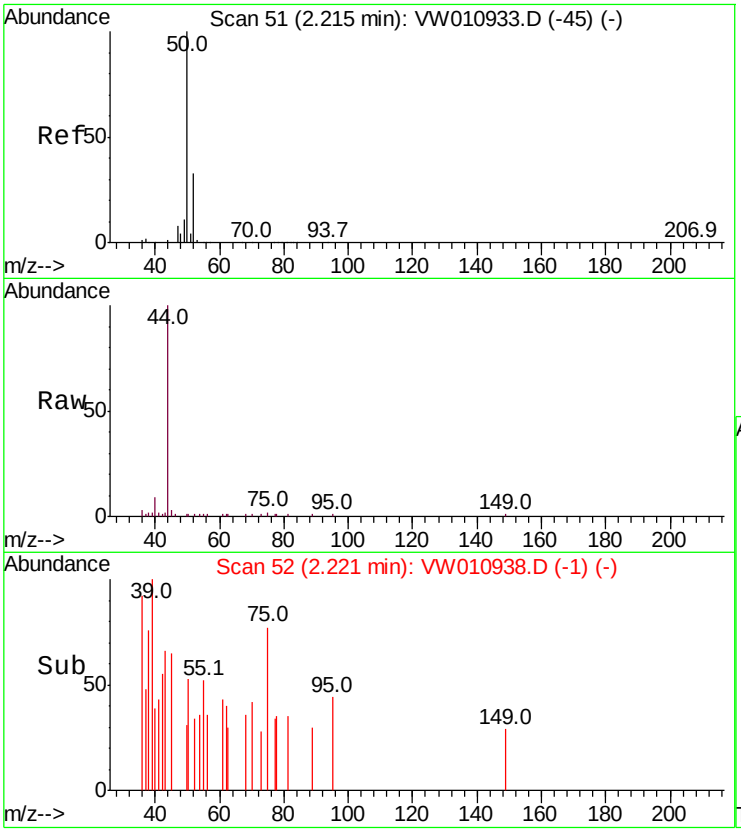
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062419\
Data File : VW010938.D
Acq On : 24 Jun 2019 19:01
Operator : SY/VA
Sample : K3456-04
Misc : 3.13G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Quant Time: Jun 25 02:49:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM062419S.M
Quant Title : VOC Analysis
QLast Update : Tue Jun 25 02:43:13 2019
Response via : Initial Calibration



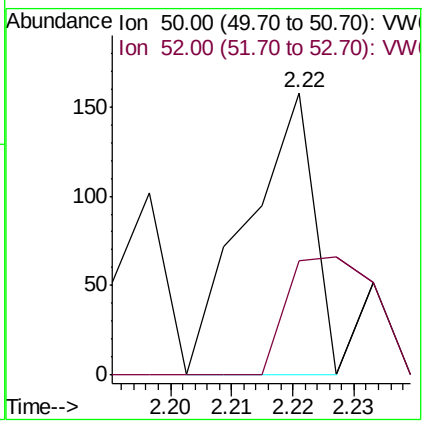


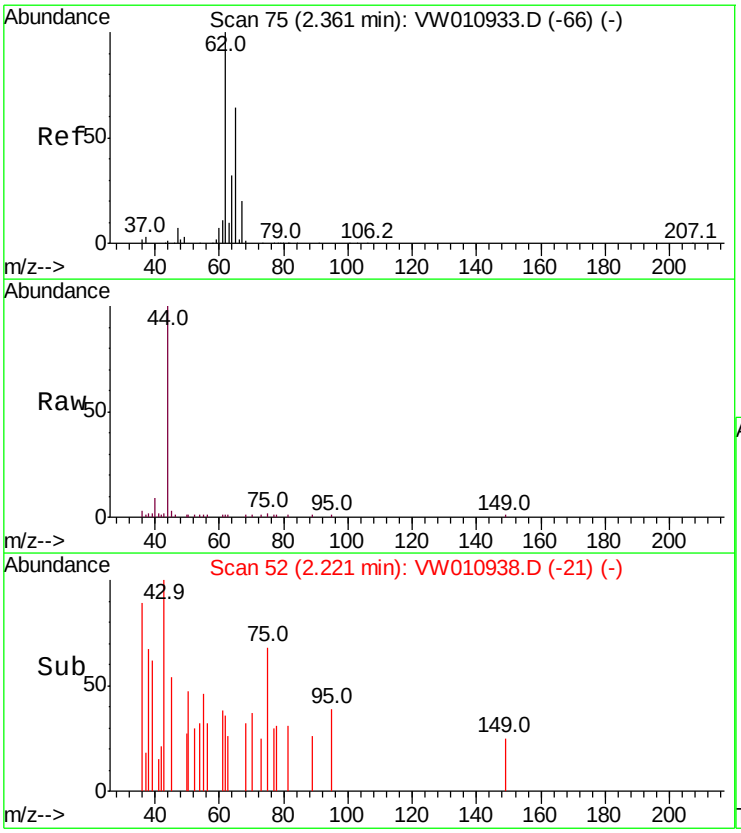
#3
Chloromethane
Concen: 115.399 ug/L
RT: 2.22 min Scan# 52
Delta R.T. 0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 50 Resp: 119

Ion	Ratio	Lower	Upper
50	100		
52	40.5	22.3	41.5

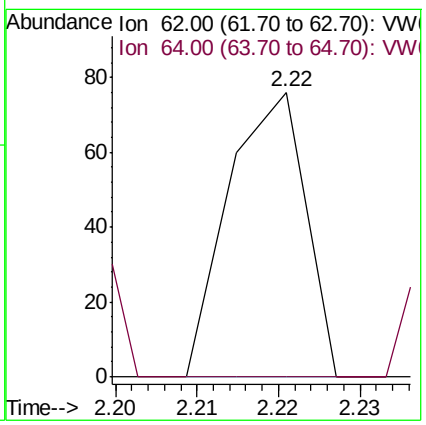


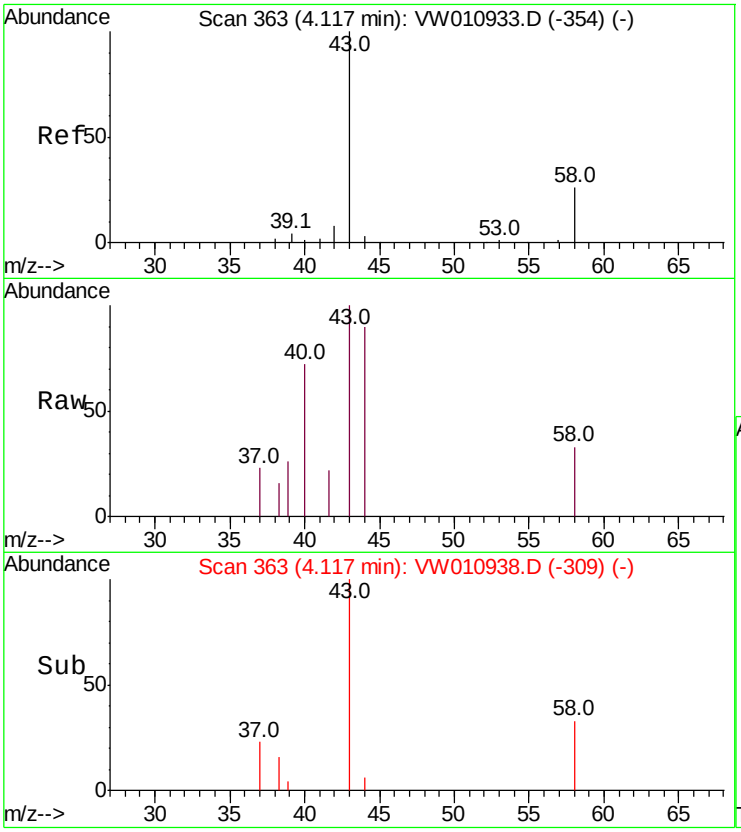


#5
Vinyl chloride
Concen: 40.553 ug/L
RT: 2.22 min Scan# 52
Delta R.T. -0.14 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 62 Resp: 50

Ion	Ratio	Lower	Upper
62	100		
64	0.0	22.9	42.5#



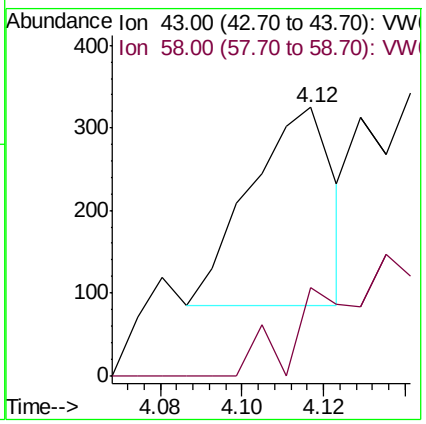


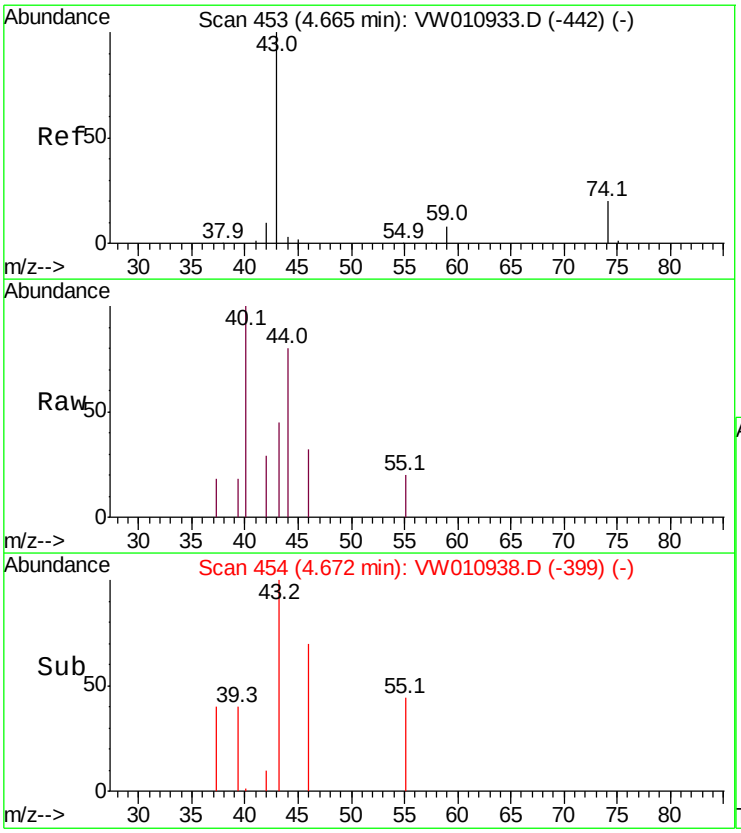
#13
Acetone
Concen: 852.785 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 43 Resp: 343

Ion	Ratio	Lower	Upper
43	100		
58	29.4	0.0	53.2

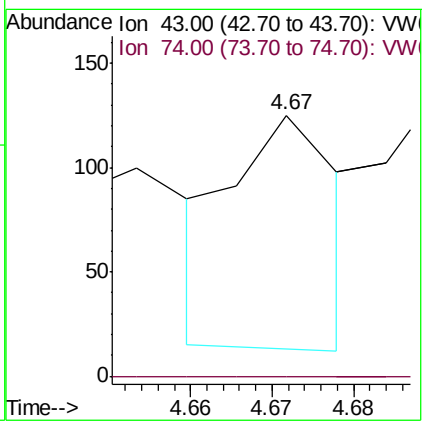


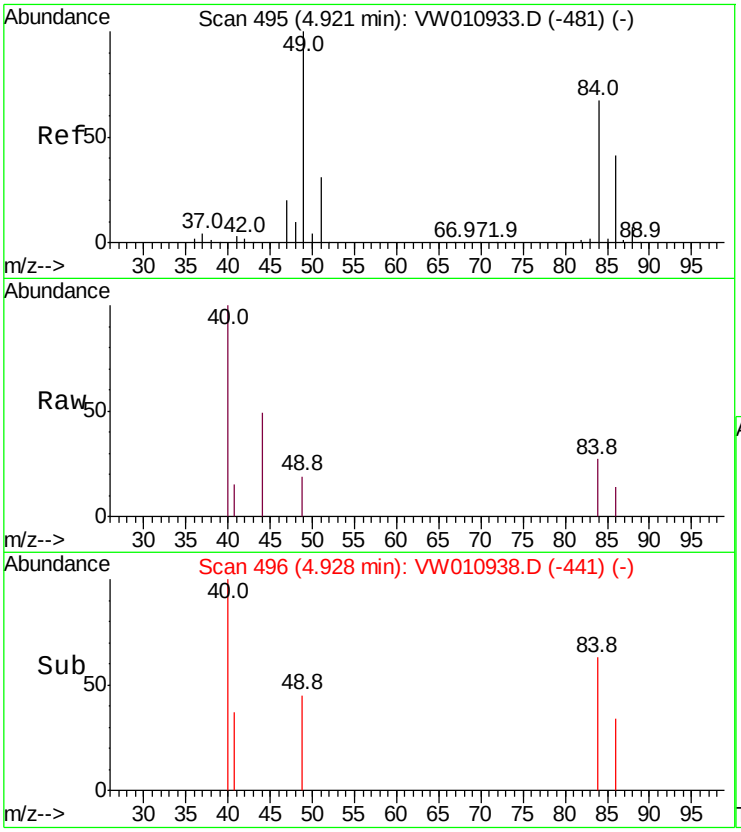


#15
Methyl Acetate
Concen: 143.630 ug/L
RT: 4.67 min Scan# 454
Delta R.T. 0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 43 Resp: 100

Ion	Ratio	Lower	Upper
43	100		
74	0.0	15.3	22.9#



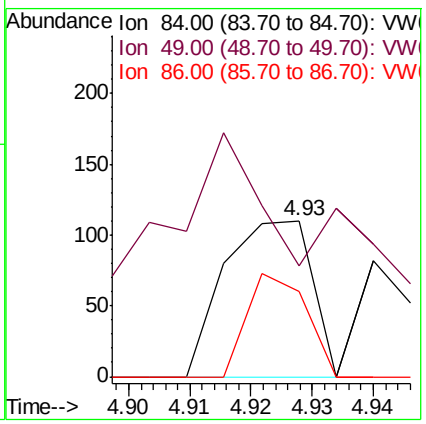


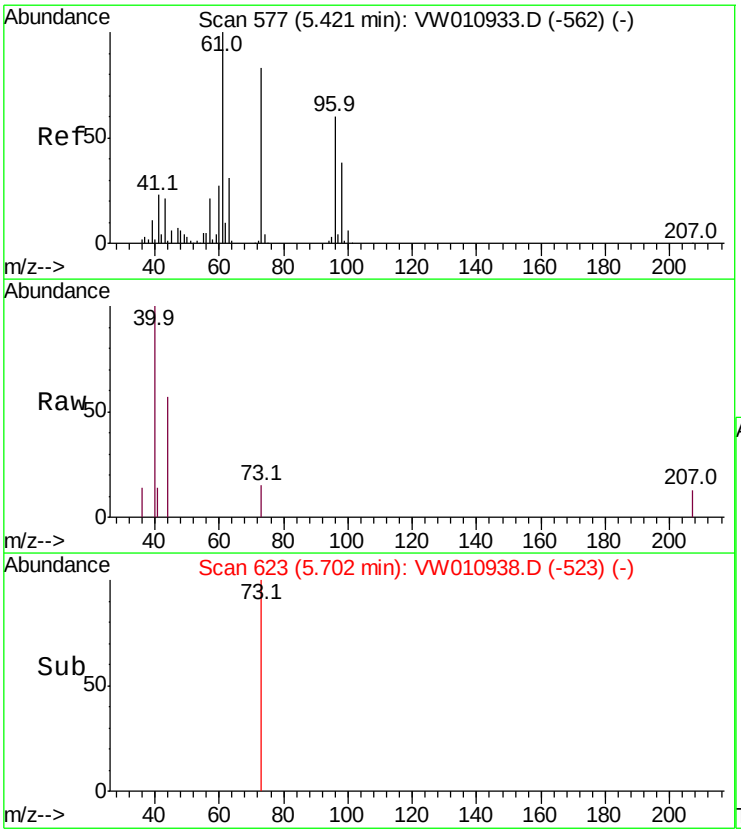
#16
Methylene chloride
Concen: 106.663 ug/L
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 84 Resp: 109

Ion	Ratio	Lower	Upper
84	100		
49	70.9	107.0	198.8#
86	54.5	44.4	82.5

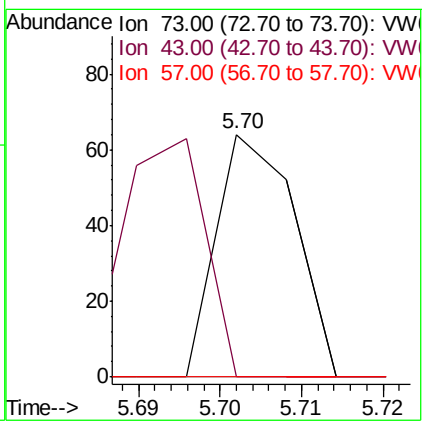


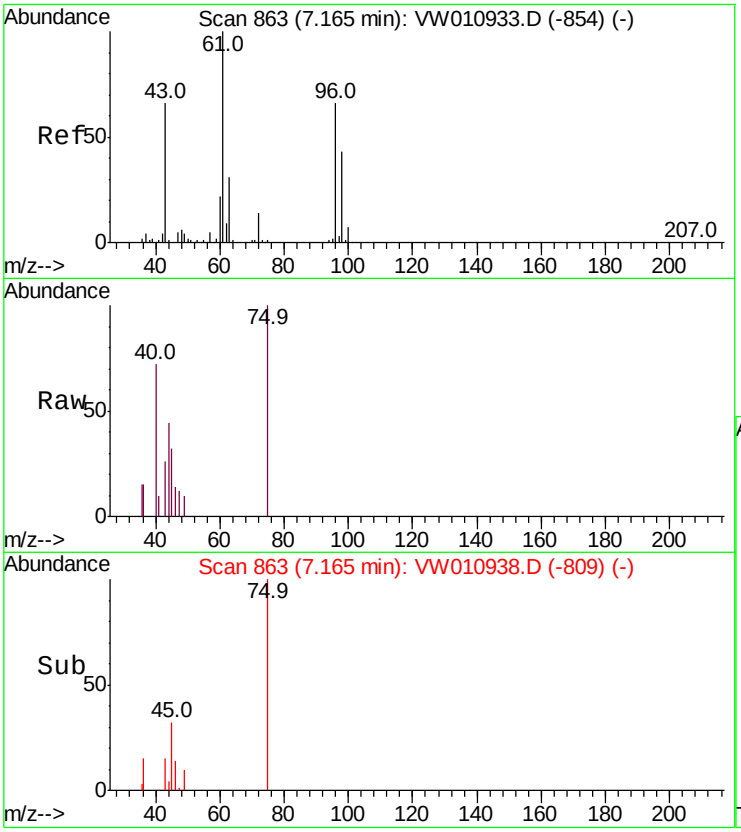


#17
Methyl tert-butyl Ether
Concen: 27.774 ug/L
RT: 5.70 min Scan# 623
Delta R.T. 0.28 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 73 Resp: 42

Ion	Ratio	Lower	Upper
73	100		
43	104.8	20.2	30.2#
57	0.0	19.4	29.0#



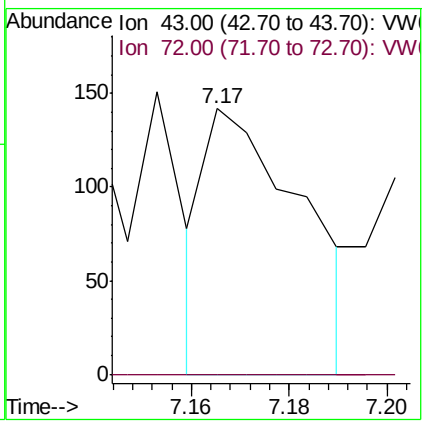


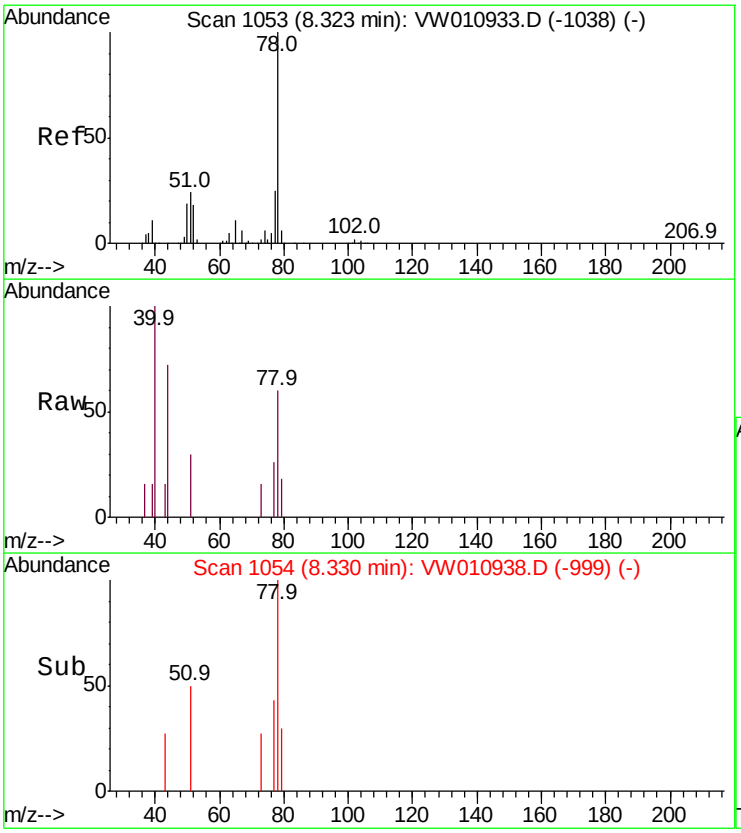
#21
2-Butanone
Concen: 368.650 ug/L
RT: 7.17 min Scan# 863
Delta R.T. 0.00 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 43 Resp: 195

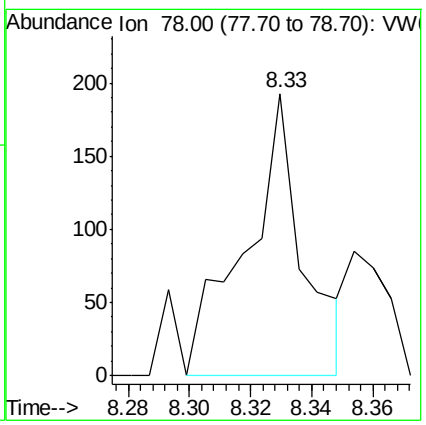
Ion	Ratio	Lower	Upper
43	100		
72	0.0	10.9	32.6#

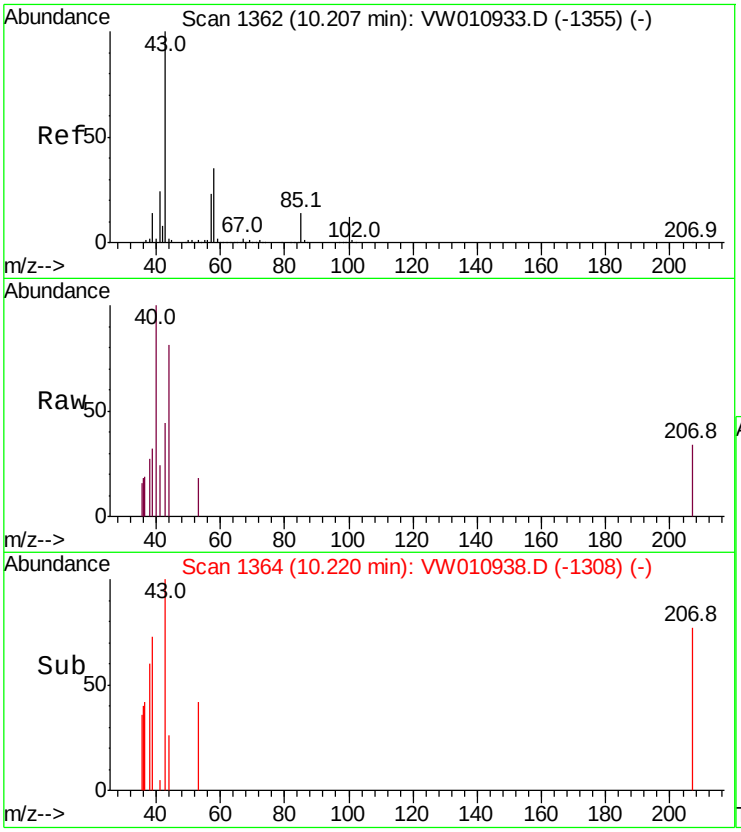




#34
Benzene
Concen: 11.926 ug/L
RT: 8.33 min Scan# 1054
Delta R.T. 0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 78 Resp: 250



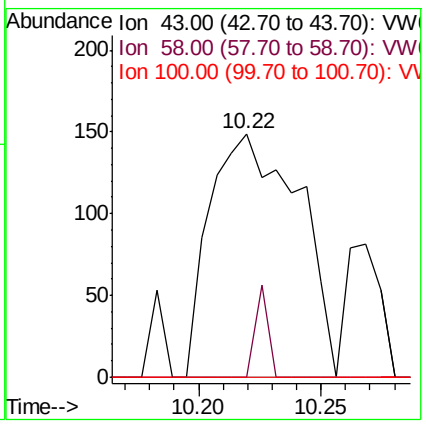


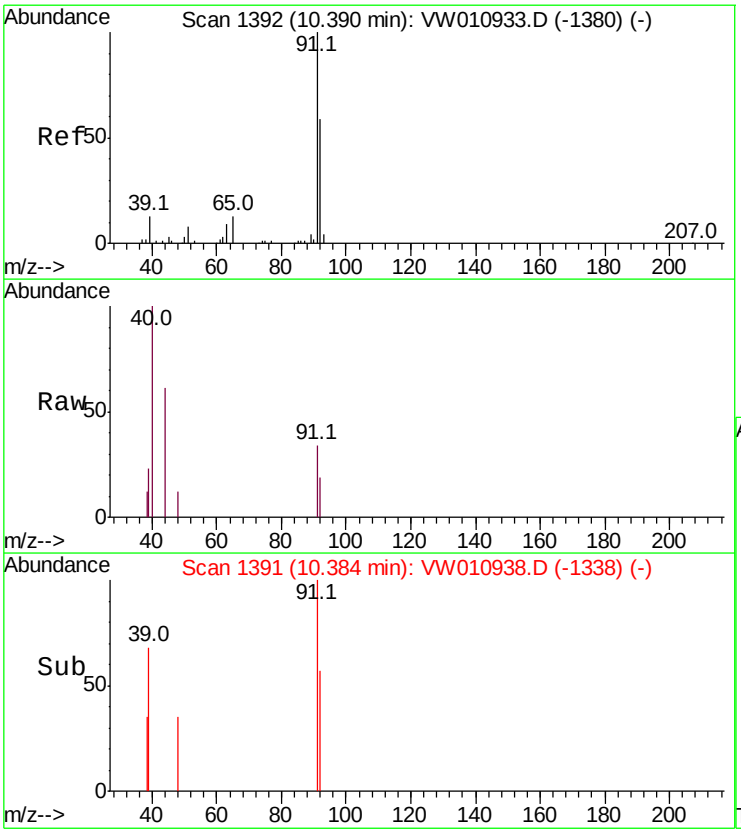
#43
4-Methyl-2-pentanone
Concen: 70.598 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument : MSVOA_W
ClientSampleId : YANX4

Tgt Ion: 43 Resp: 378

Ion	Ratio	Lower	Upper
43	100		
58	0.0	27.5	41.3#
100	0.0	9.6	14.4#

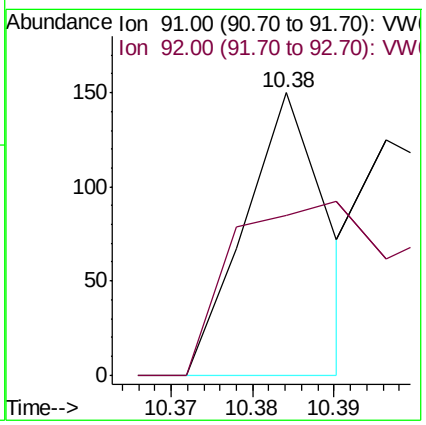


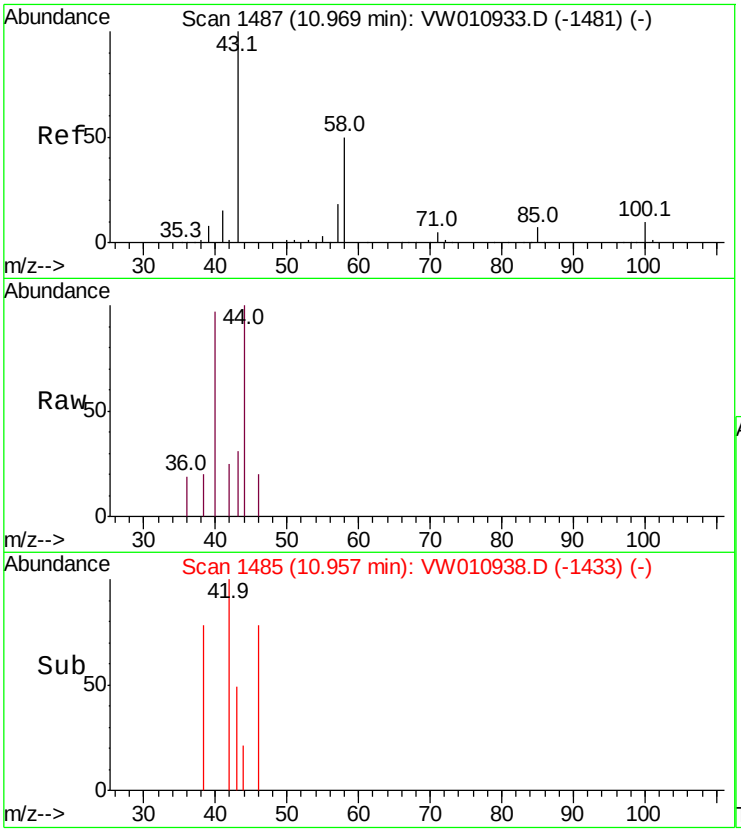


#44
Toluene
Concen: 4.836 ug/L
RT: 10.38 min Scan# 1391
Delta R.T. -0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion: 91 Resp: 106

Ion	Ratio	Lower	Upper
91	100		
92	56.7	41.2	76.4



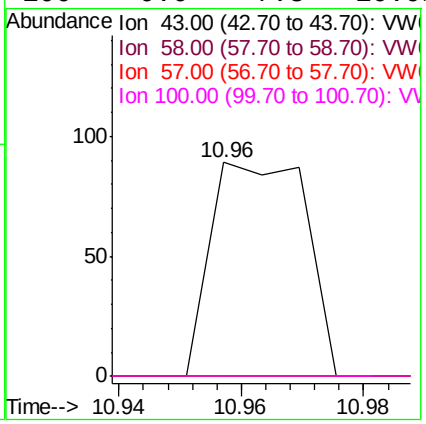


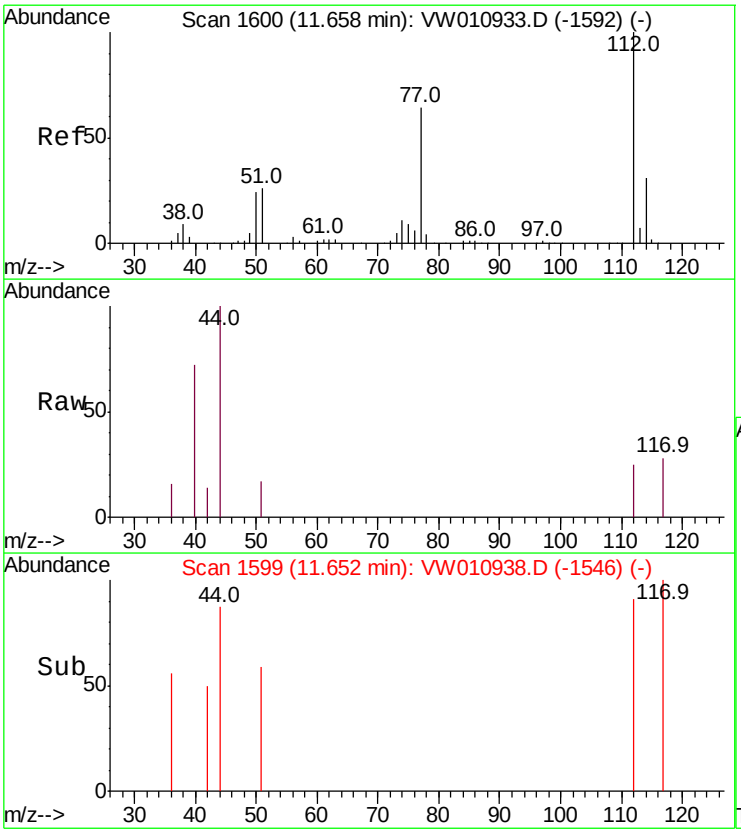
#49
2-Hexanone
Concen: 24.940 ug/L
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 43 Resp: 95

Ion	Ratio	Lower	Upper
43	100		
58	0.0	38.3	57.5#
57	0.0	13.8	20.8#
100	0.0	7.3	10.9#

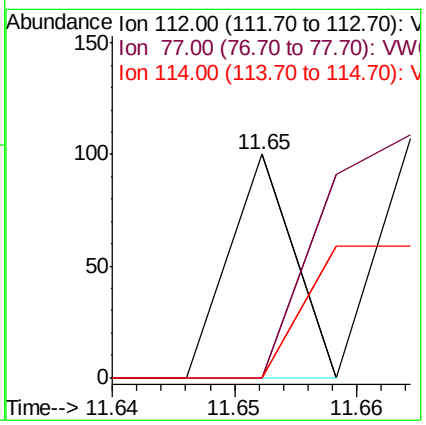


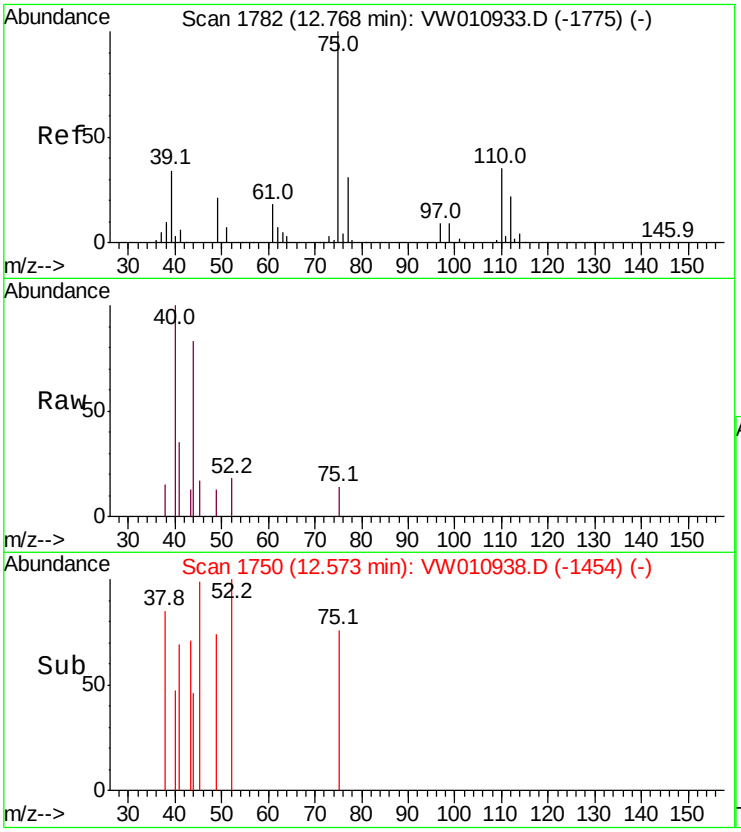


#52
Chlorobenzene
Concen: 2.805 ug/L
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion:112 Resp: 37

Ion	Ratio	Lower	Upper
112	100		
77	0.0	51.1	76.7#
114	0.0	22.7	42.1#



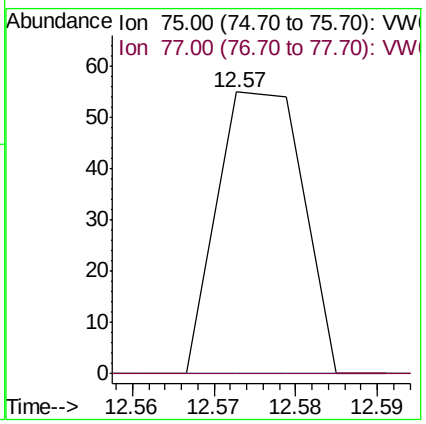


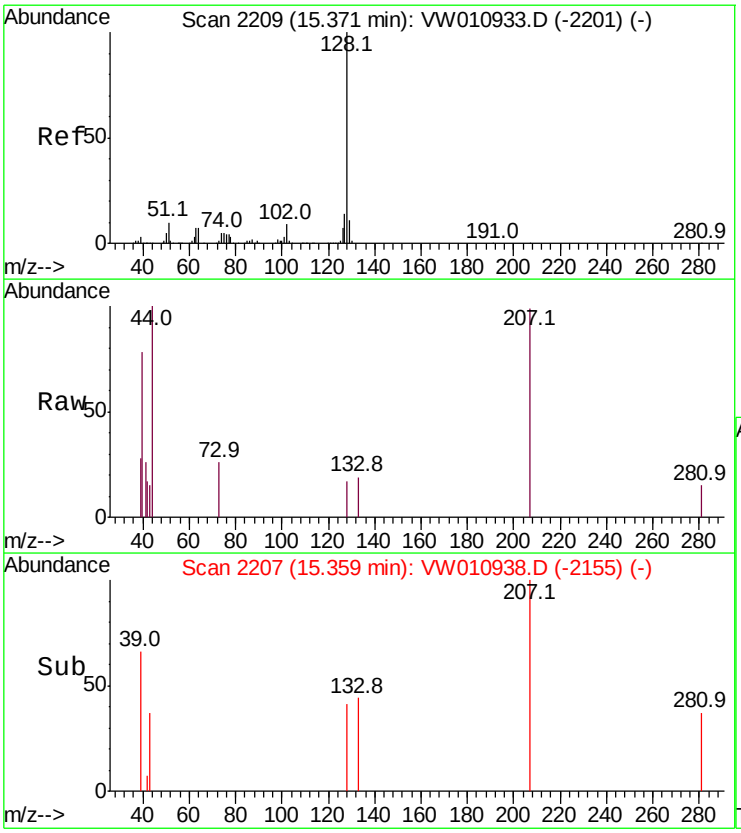
#59
1,2,3-Trichloropropane
Concen: 9.964 ug/L
RT: 12.57 min Scan# 1750
Delta R.T. -0.19 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Instrument :
MSVOA_W
ClientSampleId :
YANX4

Tgt Ion: 75 Resp: 40

Ion	Ratio	Lower	Upper
75	100		
77	0.0	25.2	37.8#





#69
Naphthalene
Concen: 5.403 ug/L
RT: 15.36 min Scan# 2207
Delta R.T. -0.01 min
Lab File: VW010938.D
Acq: 24 Jun 2019 19:01

Tgt Ion:128 Resp: 46

Ion	Ratio	Lower	Upper
128	100		
129	0.0	8.8	13.2#
127	0.0	10.9	16.3#