Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007964.D
Acq On : 27 Dec 2018 12:23
Operator : SY/AP
Sample : J6489-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9F75

Quant Time: Dec 28 04:05:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	110610	25.00	ug/L		0.00
28) Chlorobenzene-d5	11.63	117	95438	25.00	ug/L		0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	39668	25.00	ug/L		0.00
System Monitoring Compounds							
4) Vinyl Chloride-d3	2.35	65	21539	19.76	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 79.04%				
7) Chloroethane-d5	2.89	69	14853	20.22	ug/L		0.00
Spiked Amount 25.000	Range 30 - 150		Recovery = 80.88%				
10) 1,1-Dichloroethene-d2	4.01	63	42667	14.46	ug/L		0.00
Spiked Amount 25.000	Range 45 - 110		Recovery = 57.84%				
20) 2-Butanone-d5	7.07	46	13689	29.45	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 58.90%				
24) Chloroform-d	7.65	84	56079	19.06	ug/L		0.00
Spiked Amount 25.000	Range 40 - 150		Recovery = 76.24%				
26) 1,2-Dichloroethane-d4	8.31	65	33797	19.16	ug/L		0.00
Spiked Amount 25.000	Range 70 - 130		Recovery = 76.64%				
29) Benzene-d6	8.27	84	108246	20.22	ug/L		0.00
Spiked Amount 25.000	Range 20 - 135		Recovery = 80.88%				
33) 1,2-Dichloropropane-d6	9.27	67	30560	20.99	ug/L		0.00
Spiked Amount 25.000	Range 70 - 120		Recovery = 83.96%				
37) Toluene-d8	10.32	98	109003	20.90	ug/L		0.00
Spiked Amount 25.000	Range 30 - 130		Recovery = 83.60%				
38) trans-1,3-Dichloropropene-	10.58	79	16092	19.25	ug/L		0.00
Spiked Amount 25.000	Range 30 - 135		Recovery = 77.00%				
39) 2-Hexanone-d5	10.93	63	11663	31.32	ug/L		0.00
Spiked Amount 50.000	Range 20 - 135		Recovery = 62.64%				
48) 1,1,2,2-Tetrachloroethane-	12.69	84	22231	15.87	ug/L		0.00
Spiked Amount 25.000	Range 45 - 120		Recovery = 63.48%				
61) 1,2-Dichlorobenzene-d4	13.86	152	30922	19.30	ug/L		0.00
Spiked Amount 25.000	Range 75 - 120		Recovery = 77.20%				
Target Compounds							Qvalue
13) Acetone	4.12	43	6092	13.413	ug/L		99
15) Methyl Acetate	4.87	43	374	0.541	ug/L	#	50
21) 2-Butanone	7.18	43	371	0.718	ug/L		95
27) 1,2-Dichloroethane	8.27	62	768	0.403	ug/L	#	80
30) Cyclohexane	7.96	56	8039	3.829	ug/L	#	91
36) Methylcyclohexane	9.34	83	21029	8.265	ug/L	#	64
41) Bromodichloromethane	9.62	83	2637	1.494	ug/L	#	31
42) cis-1,3-Dichloropropene	10.04	75	1189	0.567	ug/L	#	81
43) 4-Methyl-2-pentanone	10.22	43	563	0.593	ug/L	#	64
44) Toluene	10.39	91	2589	0.453	ug/L		90
46) 1,1,2-Trichloroethane	10.76	97	27000	26.585	ug/L	#	20
49) 2-Hexanone	10.93	43	23390	34.121	ug/L	#	16
57) Isopropylbenzene	12.47	105	34893	5.251	ug/L		97
58) 1,1,2,2-Tetrachloroethane	12.71	83	1790	1.421	ug/L	#	65
59) 1,2,3-Trichloropropane	13.56	75	4512	4.454	ug/L		98
69) Naphthalene	15.33	128	7336	2.033	ug/L	#	1
70) 1,2,3-Trichlorobenzene	15.59	180	886	0.628	ug/L	#	1

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007964.D
Acq On : 27 Dec 2018 12:23
Operator : SY/AP
Sample : J6489-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : F9F75

Quant Time: Dec 28 04:05:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

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

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW122718\

Quantitation Report (Not Reviewed)

Data File : VW007964.D
Acq On : 27 Dec 2018 12:23
Operator : SY/AP
Sample : J6489-07
Misc : 5.05G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
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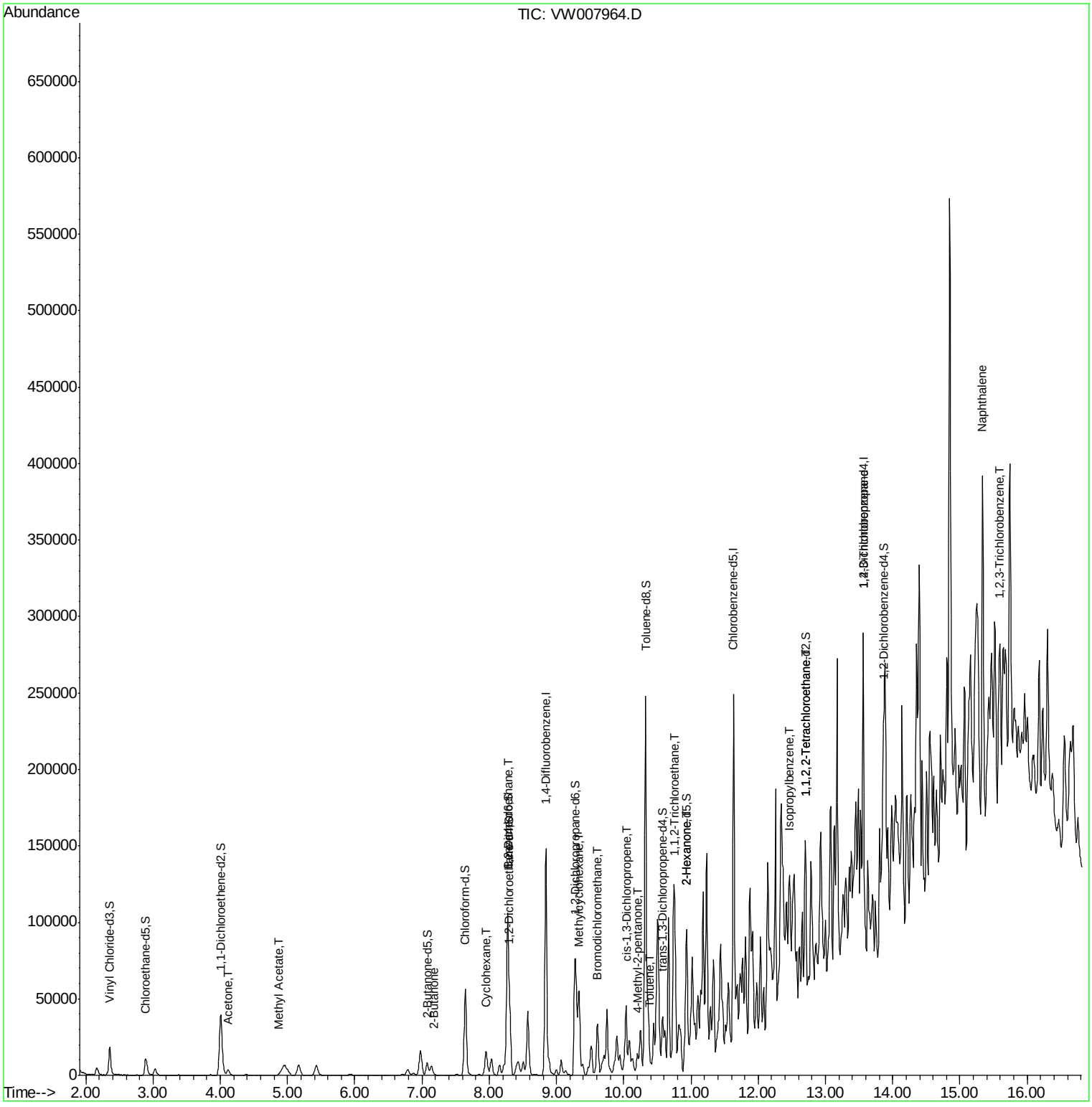
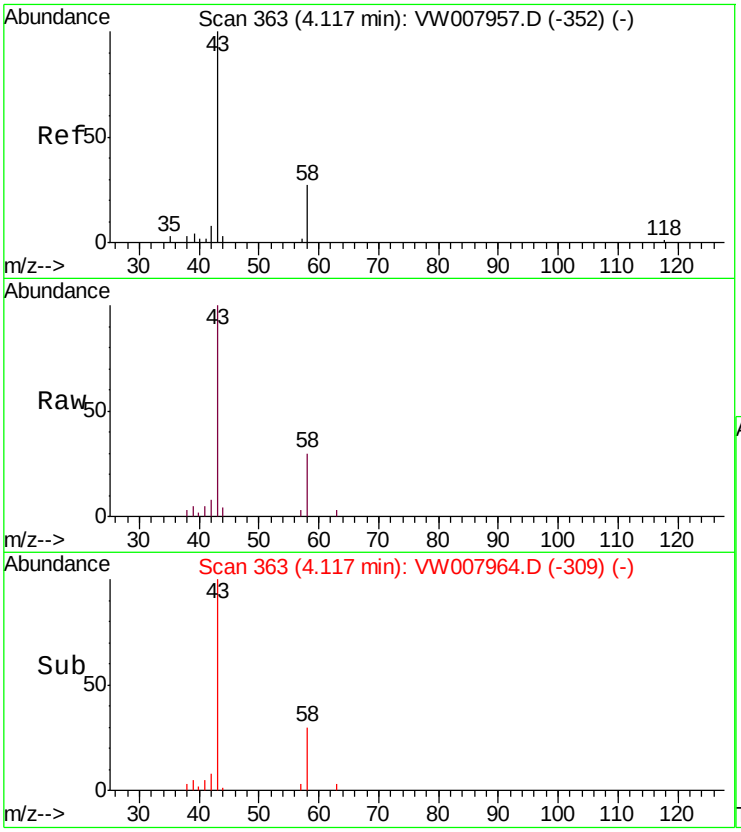
Quant Time: Dec 28 04:05:03 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122618S.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 28 04:01:03 2018
Response via : Initial Calibration



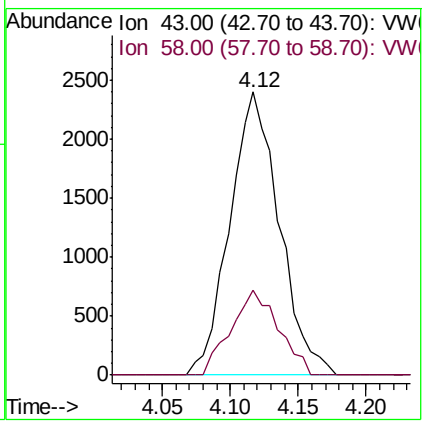


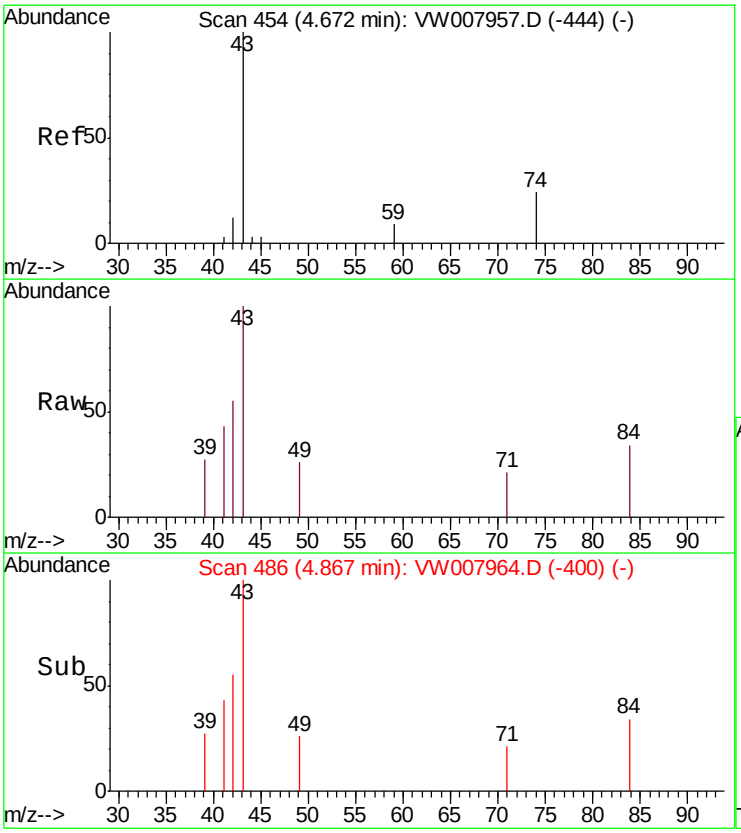
#13
Acetone
Concen: 13.413 ug/L
RT: 4.12 min Scan# 363
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 43 Resp: 6092

Ion	Ratio	Lower	Upper
43	100		
58	28.8	0.0	58.6

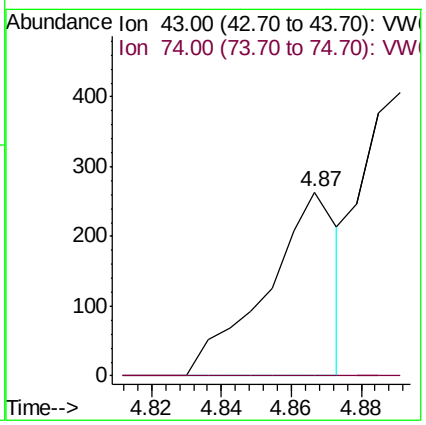


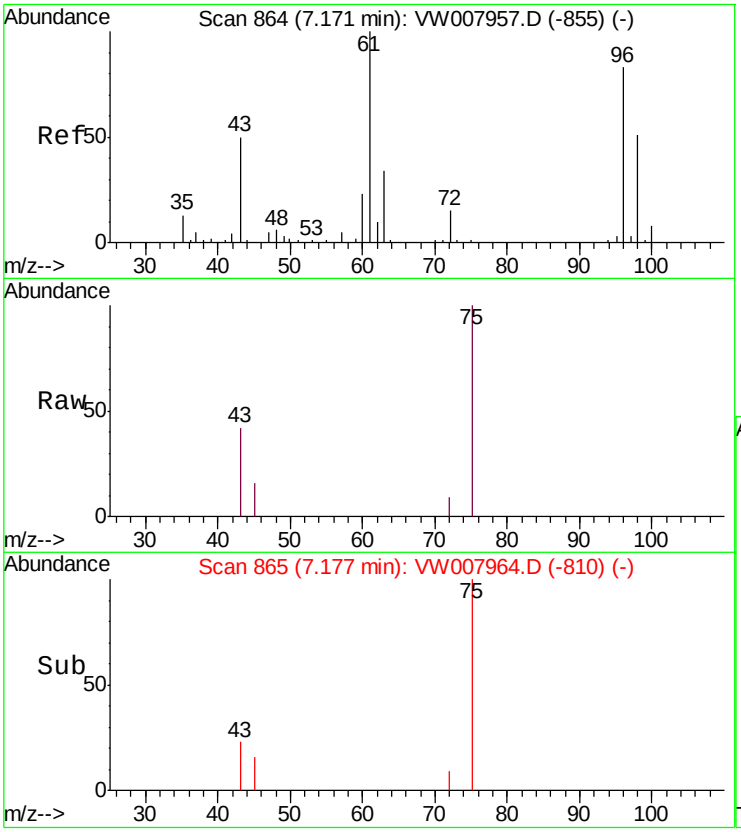


#15
Methyl Acetate
Concen: 0.541 ug/L
RT: 4.87 min Scan# 486
Delta R.T. 0.20 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 374

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#



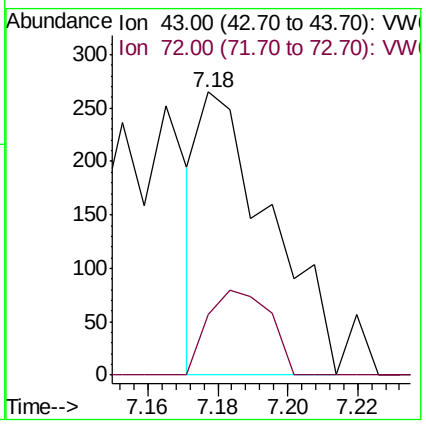


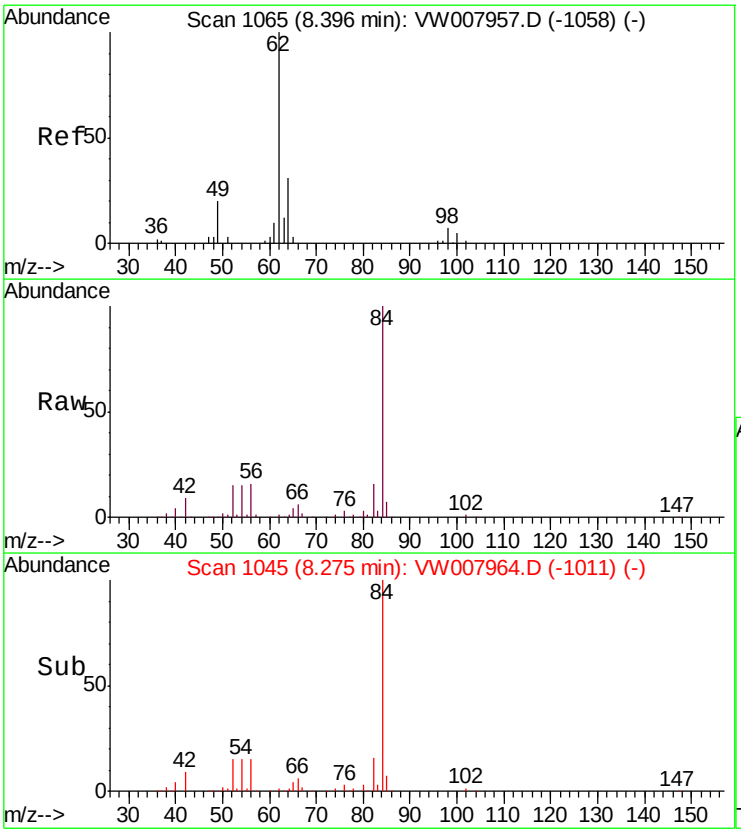
#21
2-Butanone
Concen: 0.718 ug/L
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
F9F75

Tgt Ion: 43 Resp: 371

Ion	Ratio	Lower	Upper
43	100		
72	26.4	14.4	43.4

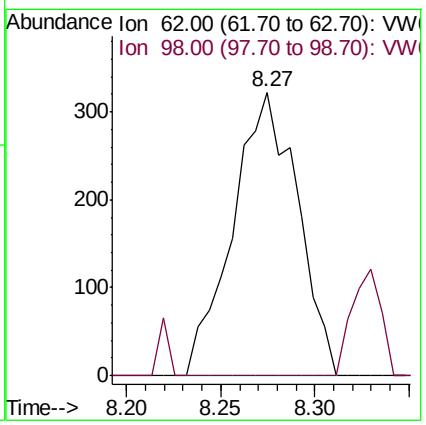


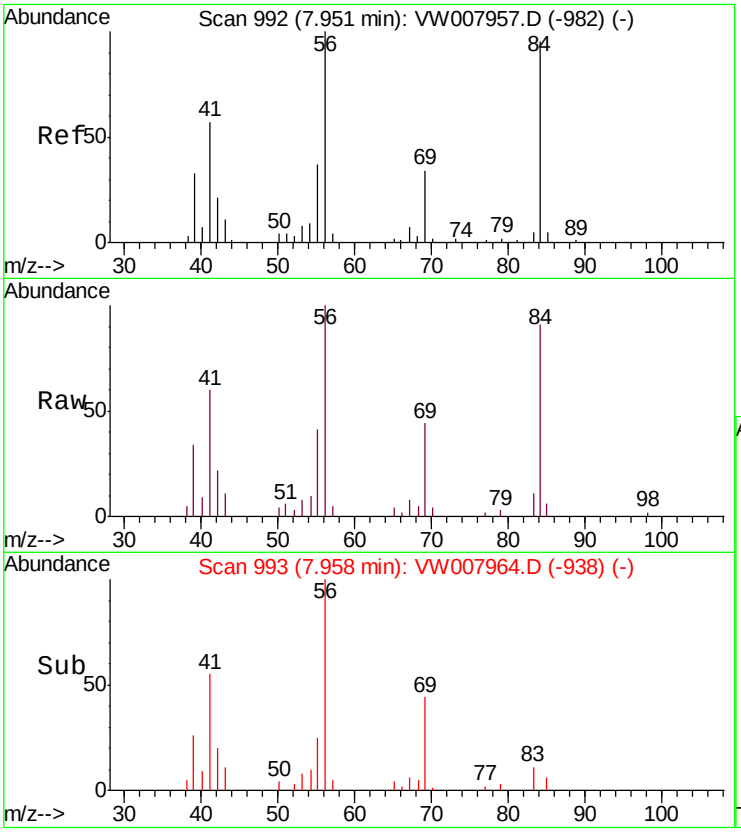


#27
1,2-Dichloroethane
Concen: 0.403 ug/L
RT: 8.27 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 62 Resp: 768

Ion	Ratio	Lower	Upper
62	100		
98	0.0	5.4	8.2#



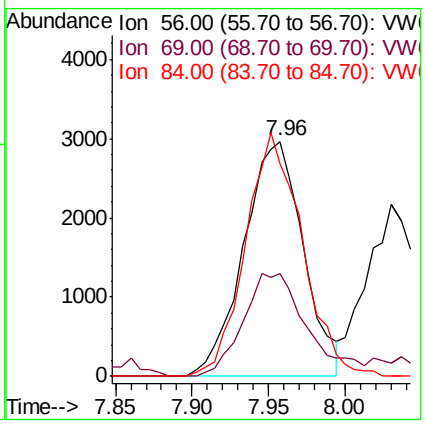


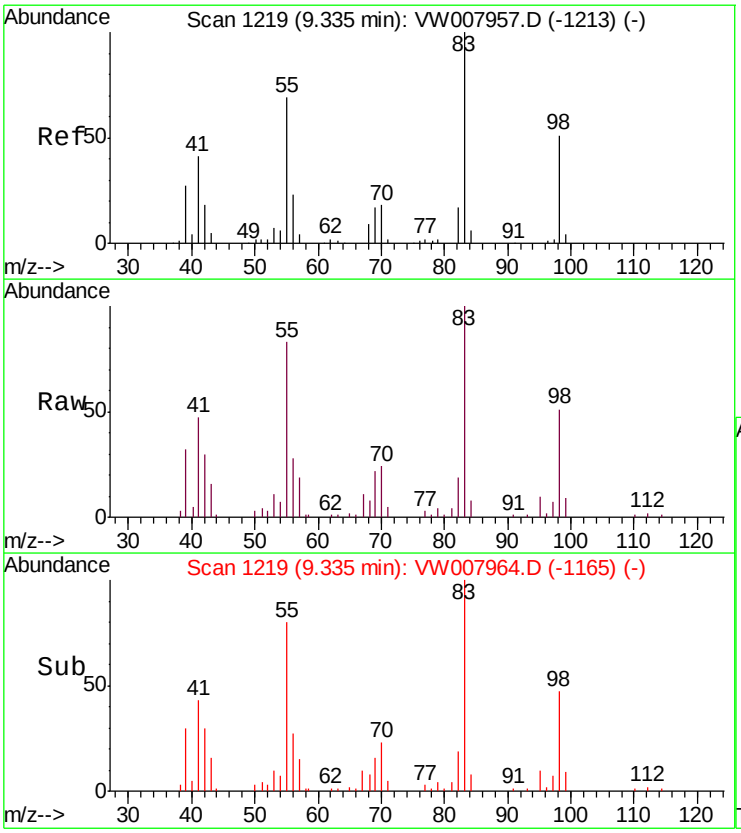
#30
Cyclohexane
Concen: 3.829 ug/L
RT: 7.96 min Scan# 993
Delta R.T. 0.01 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 56 Resp: 8039

Ion	Ratio	Lower	Upper
56	100		
69	44.2	26.2	39.4#
84	98.1	74.3	111.5

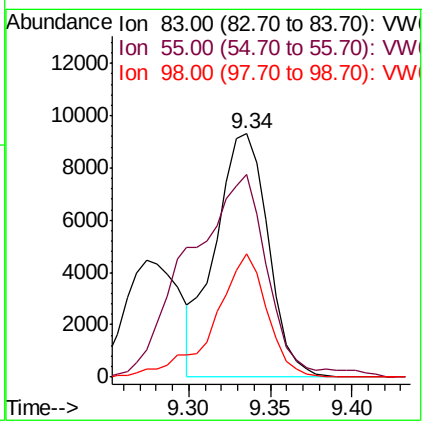


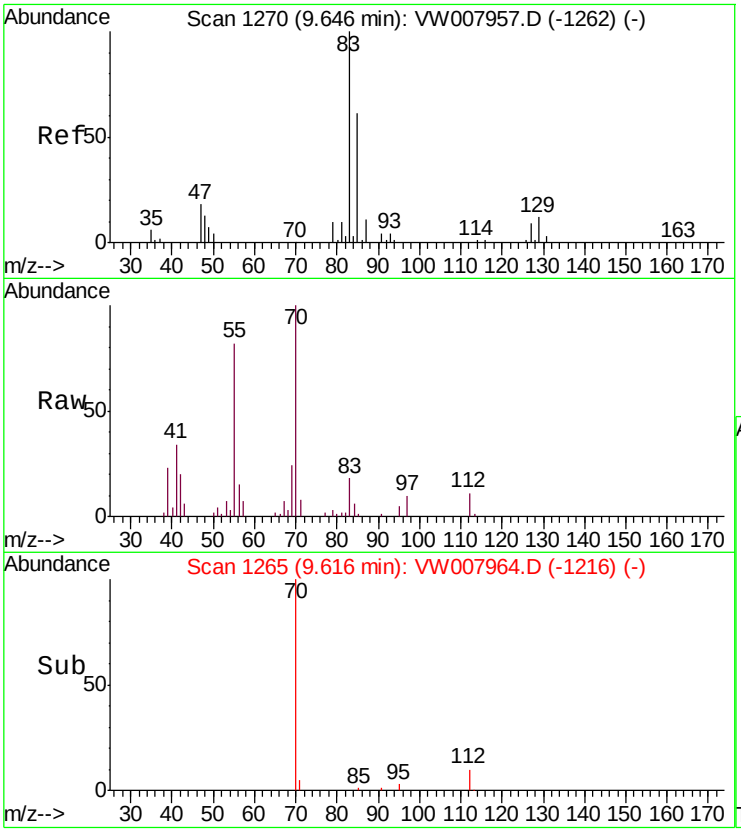


#36
Methylcyclohexane
Concen: 8.265 ug/L
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 83 Resp: 21029

Ion	Ratio	Lower	Upper
83	100		
55	122.7	59.4	89.0#
98	45.0	38.2	57.2



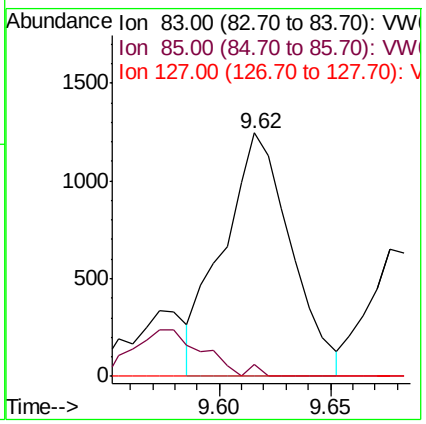


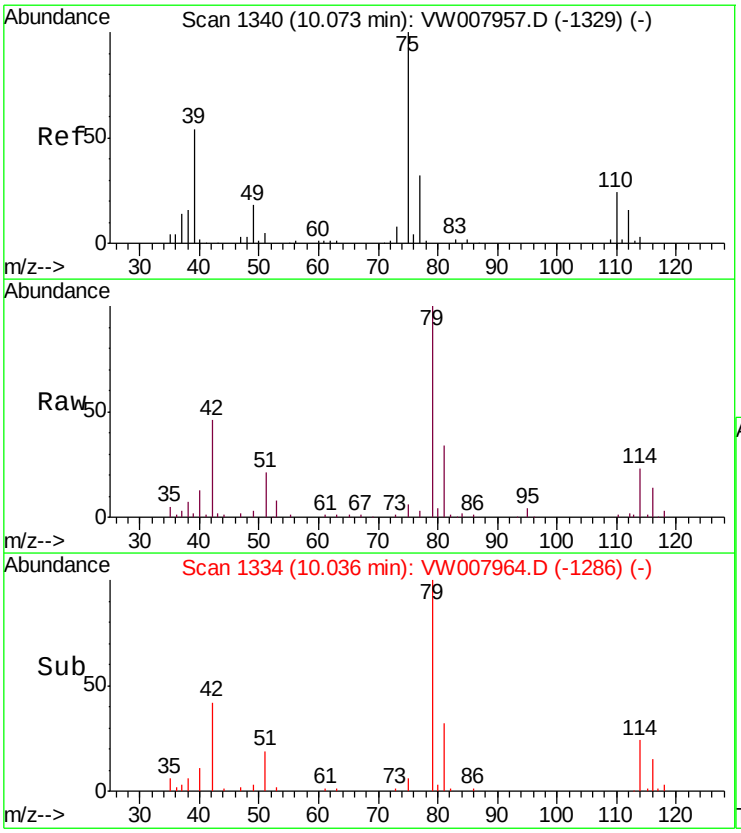
#41
Bromodichloromethane
Concen: 1.494 ug/L
RT: 9.62 min Scan# 1265
Delta R.T. -0.03 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 83 Resp: 2637

Ion	Ratio	Lower	Upper
83	100		
85	4.7	44.4	82.5#
127	0.0	7.0	10.6#

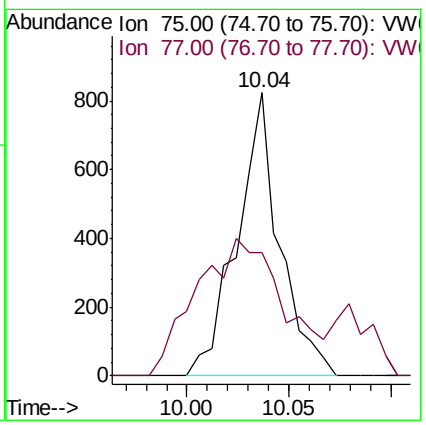


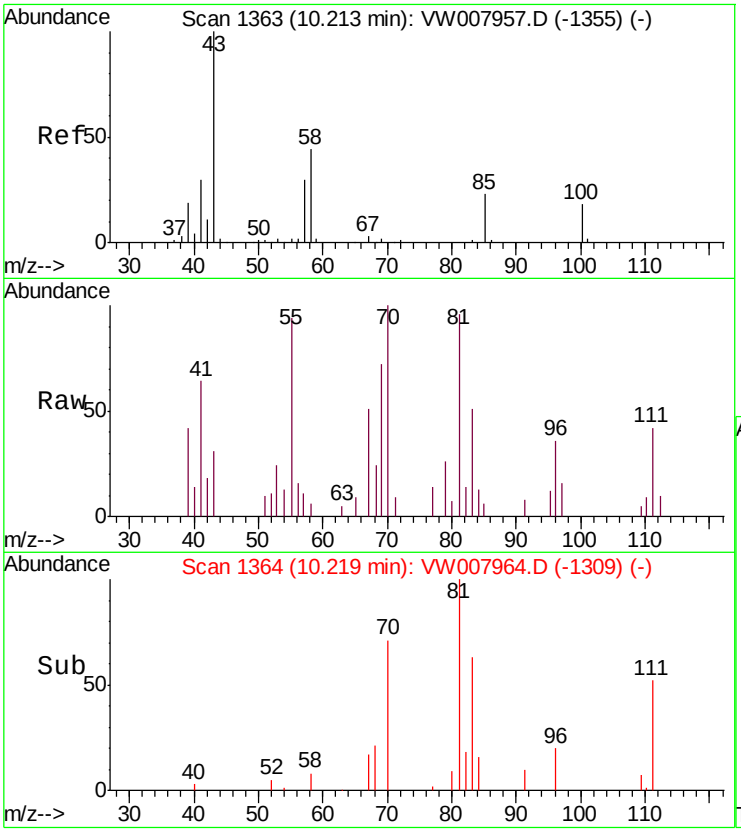


#42
cis-1,3-Dichloropropene
Concen: 0.567 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 75 Resp: 1189

Ion	Ratio	Lower	Upper
75	100		
77	43.4	23.0	42.8#



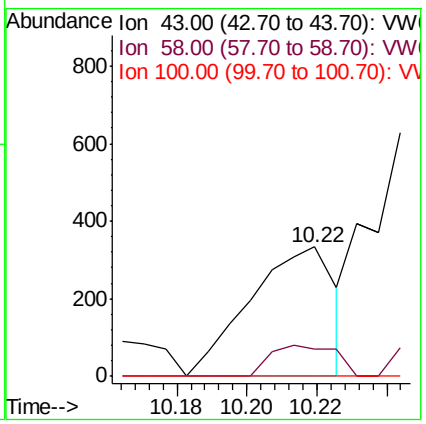


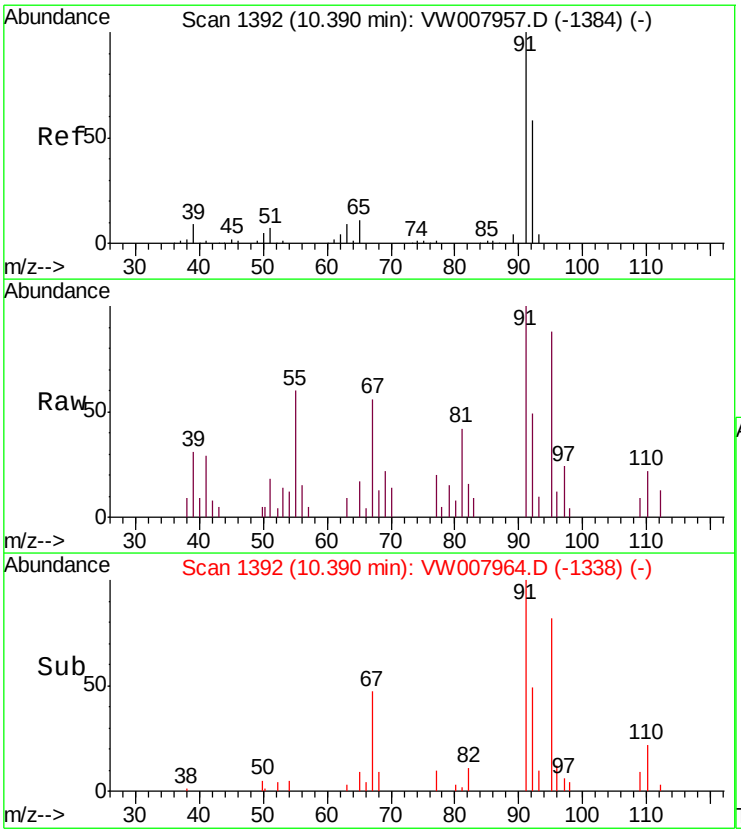
#43
4-Methyl-2-pentanone
Concen: 0.593 ug/L
RT: 10.22 min Scan# 1364
Delta R.T. 0.01 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 43 Resp: 563

Ion	Ratio	Lower	Upper
43	100		
58	18.1	31.1	46.7#
100	0.0	14.0	21.0#

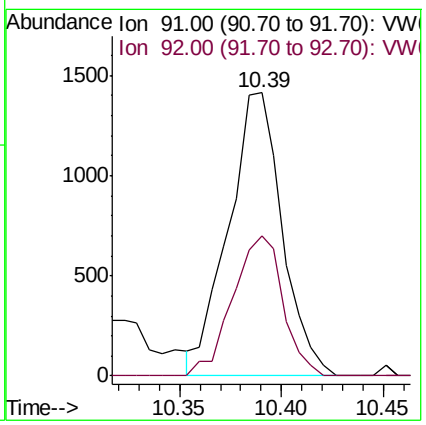


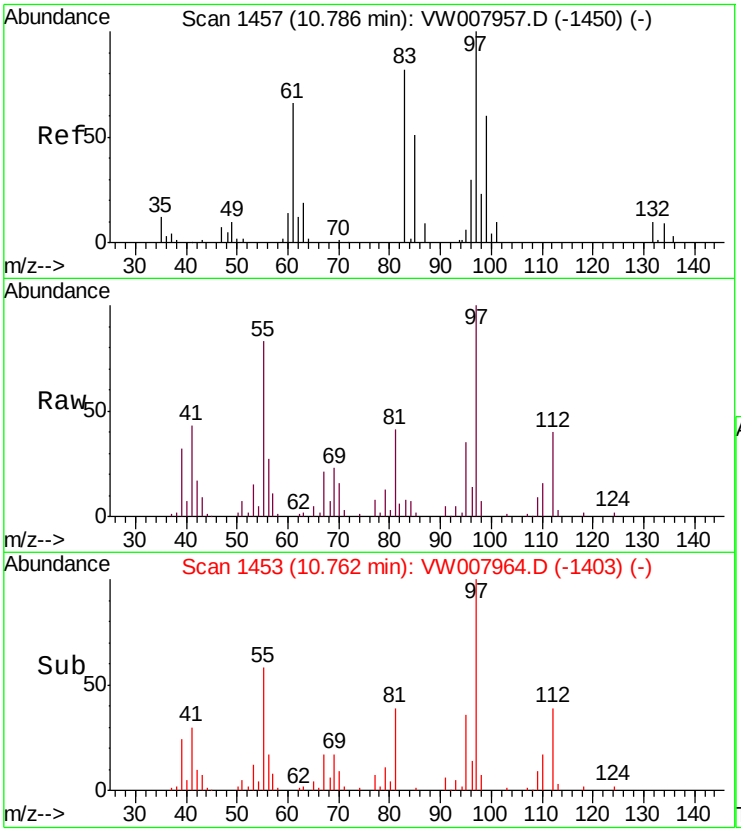


#44
Toluene
Concen: 0.453 ug/L
RT: 10.39 min Scan# 1392
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 91 Resp: 2589

Ion	Ratio	Lower	Upper
91	100		
92	49.4	39.6	73.6



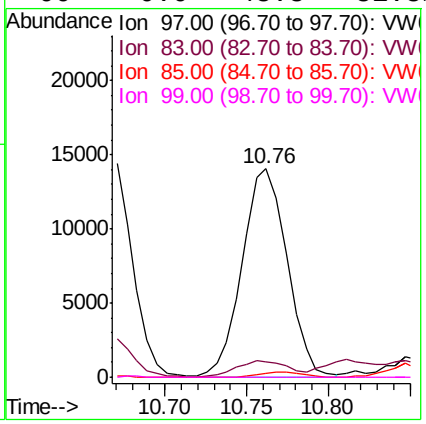


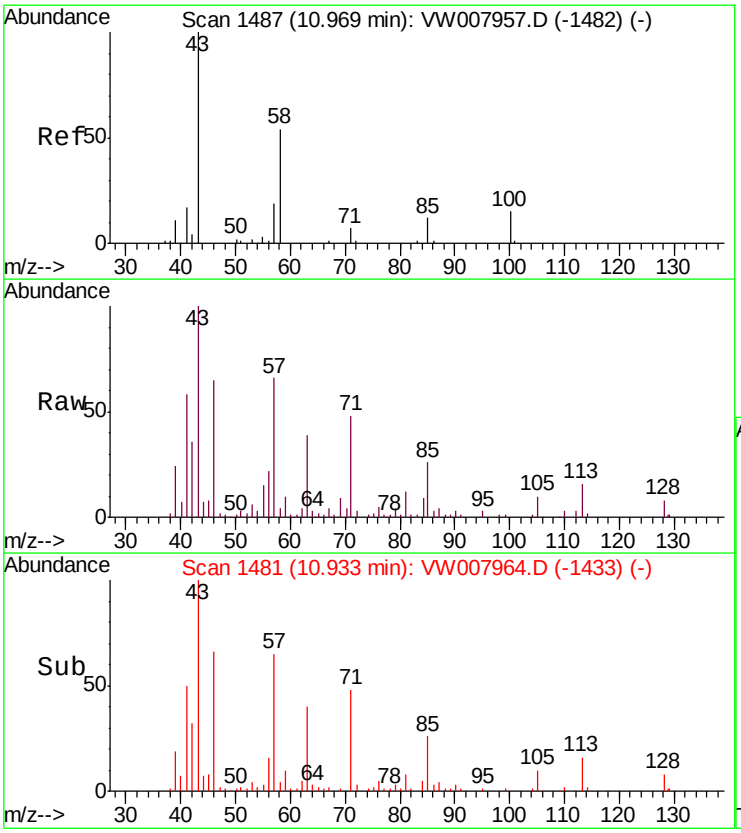
#46
1,1,2-Trichloroethane
Concen: 26.585 ug/L
RT: 10.76 min Scan# 1453
Delta R.T. -0.02 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 97 Resp: 27000

Ion	Ratio	Lower	Upper
97	100		
83	7.6	58.4	108.6#
85	1.6	36.4	67.6#
99	0.0	43.8	81.3#

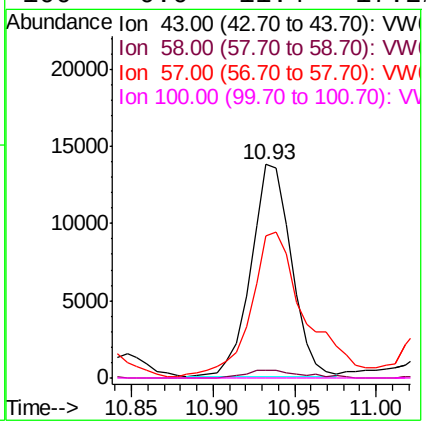


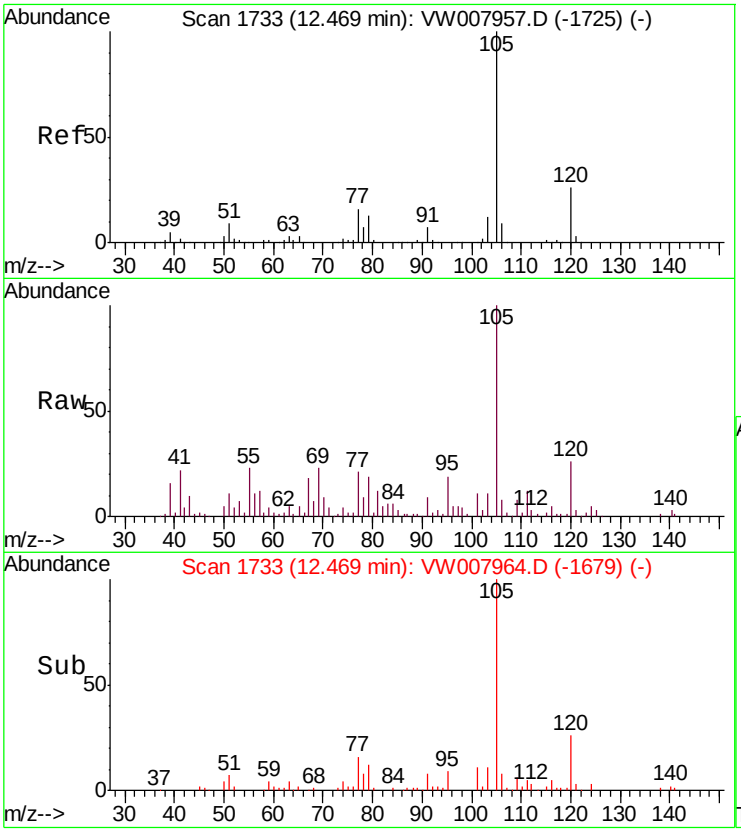


#49
2-Hexanone
Concen: 34.121 ug/L
RT: 10.93 min Scan# 1481
Delta R.T. -0.04 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 43 Resp: 23390

Ion	Ratio	Lower	Upper
43	100		
58	4.2	46.2	69.4#
57	91.8	17.9	26.9#
100	0.0	11.4	17.2#



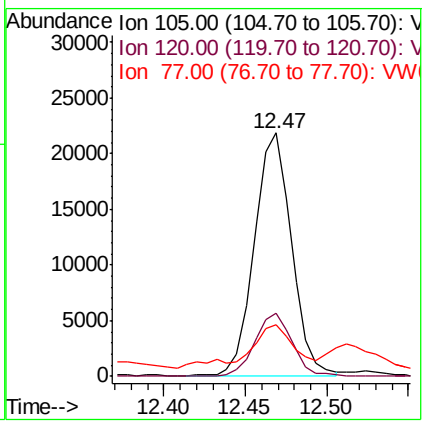


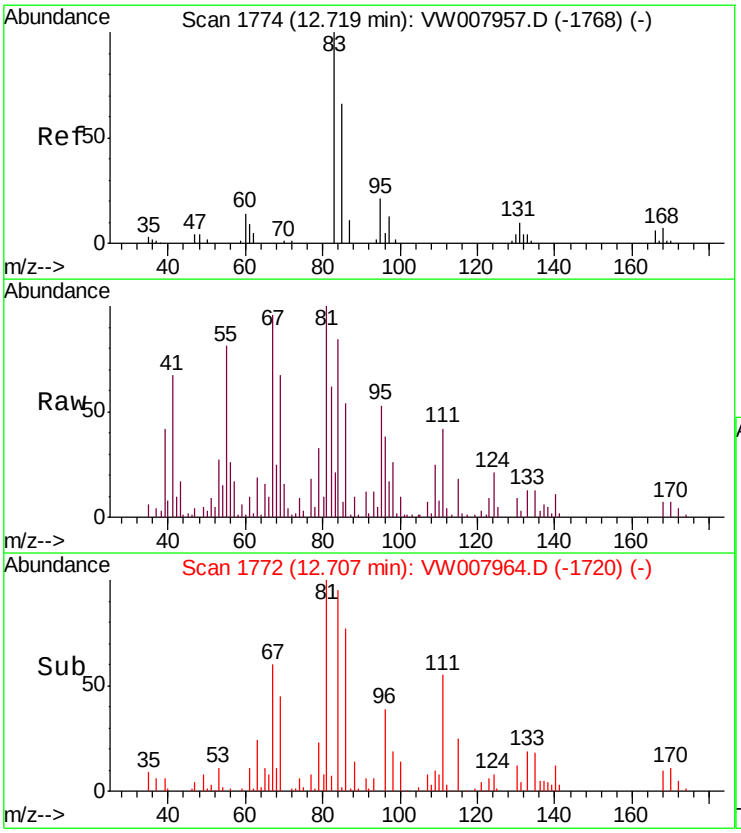
#57
Isopropylbenzene
Concen: 5.251 ug/L
RT: 12.47 min Scan# 1733
Delta R.T. 0.00 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion:105 Resp: 34893

Ion	Ratio	Lower	Upper
105	100		
120	25.9	21.1	31.7
77	18.5	12.4	18.6

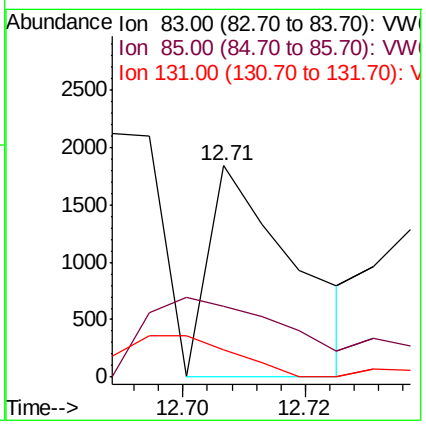


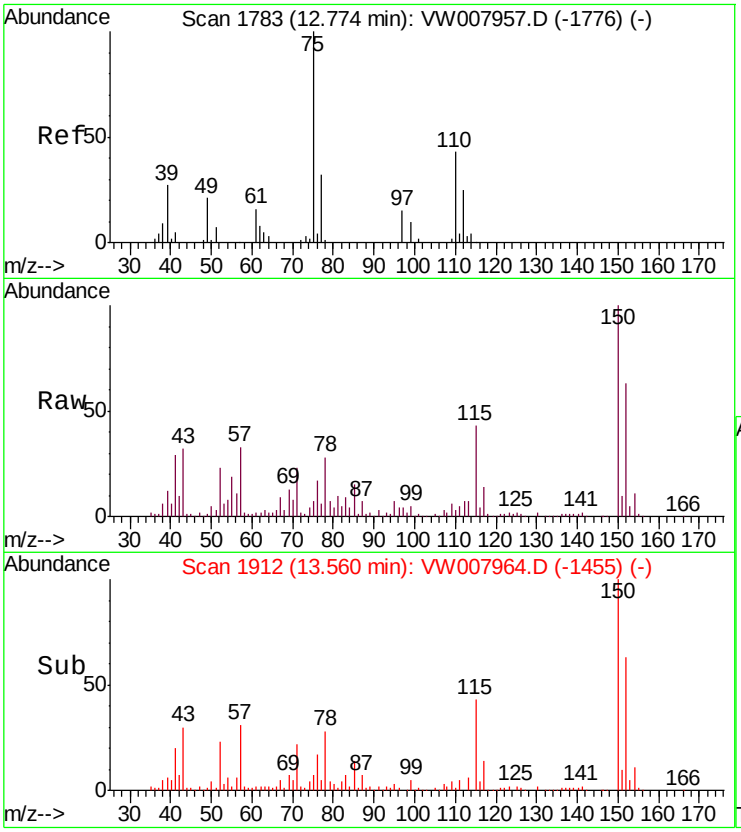


#58
1,1,2,2-Tetrachloroethane
Concen: 1.421 ug/L
RT: 12.71 min Scan# 1772
Delta R.T. -0.01 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion: 83 Resp: 1790

Ion	Ratio	Lower	Upper
83	100		
85	33.6	46.6	86.6#
131	13.0	9.7	14.5



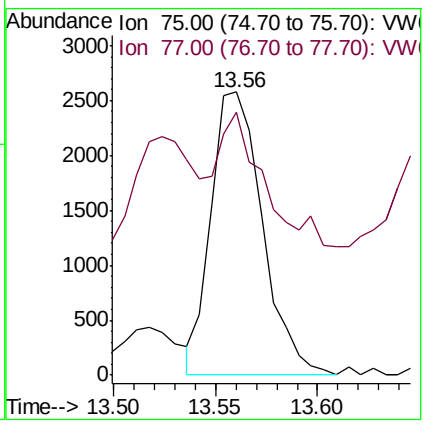


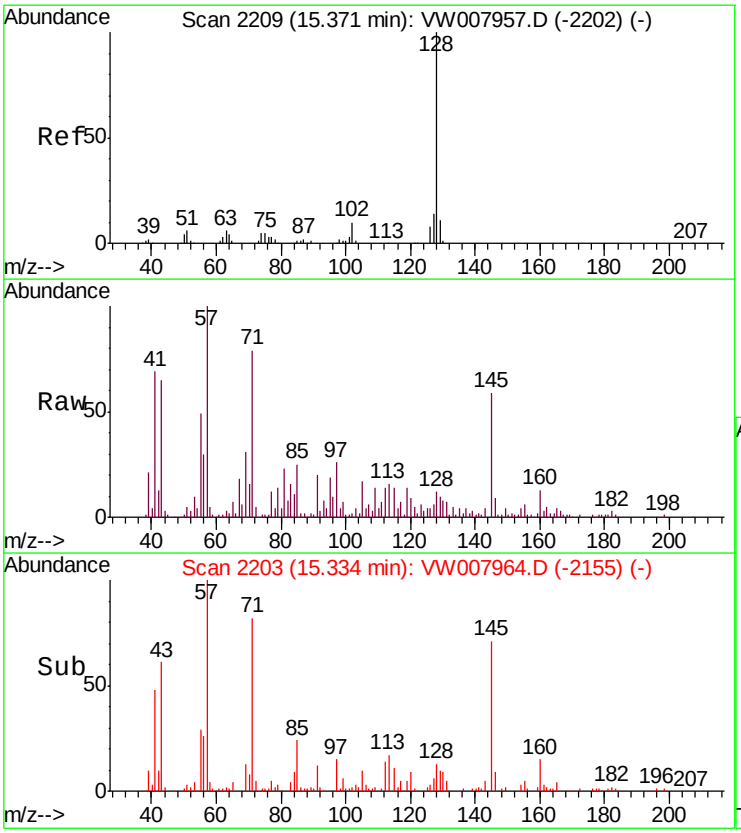
#59
1,2,3-Trichloropropane
Concen: 4.454 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument : MSVOA_W
ClientSampleId : F9F75

Tgt Ion: 75 Resp: 4512

Ion	Ratio	Lower	Upper
75	100		
77	32.8	25.5	38.3

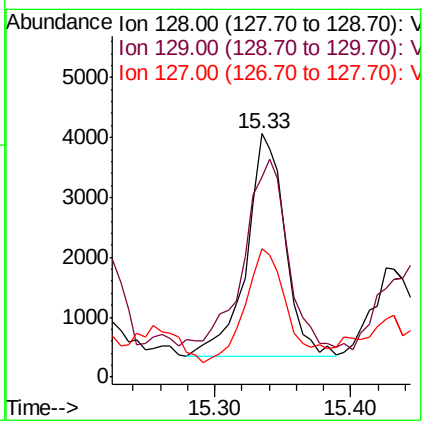


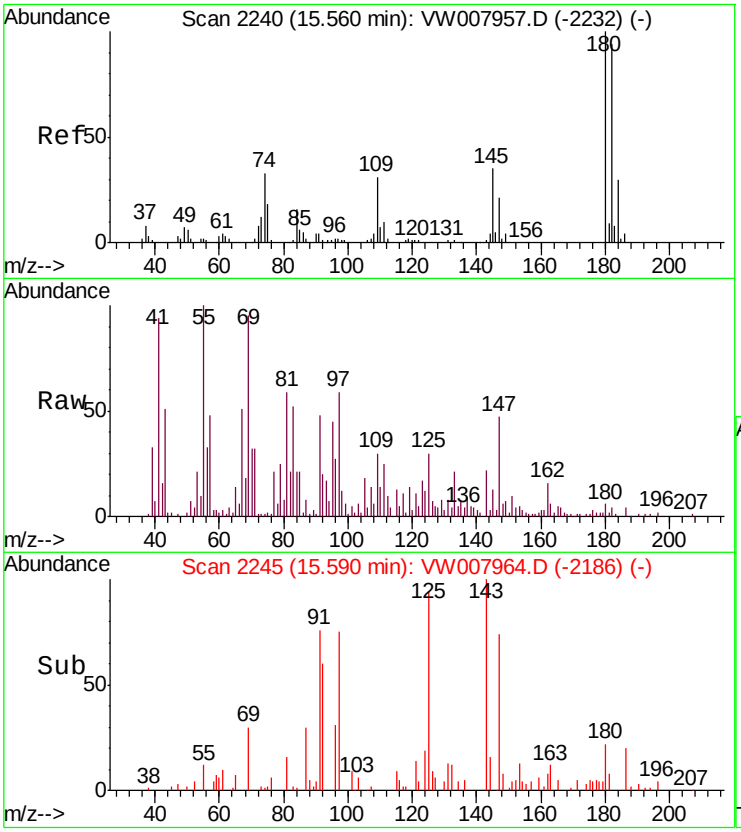


#69
Naphthalene
Concen: 2.033 ug/L
RT: 15.33 min Scan# 2203
Delta R.T. -0.04 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Tgt Ion:128 Resp: 7336

Ion	Ratio	Lower	Upper
128	100		
129	92.9	8.8	13.2#
127	53.0	11.1	16.7#





#70
1,2,3-Trichlorobenzene
Concen: 0.628 ug/L
RT: 15.59 min Scan# 2245
Delta R.T. 0.03 min
Lab File: VW007964.D
Acq: 27 Dec 2018 12:23

Instrument :
MSVOA_W
ClientSampleId :
F9F75

Tgt Ion:180 Resp: 886

Ion	Ratio	Lower	Upper
180	100		
182	101.8	75.8	113.6
145	304.2	29.4	44.2#