Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\

Quantitation Report (Not Reviewed)

Data File : VW008244.D
Acq On : 14 Jan 2019 13:58
Operator : SY/VA
Sample : K1131-03
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : QD-01-011019

Quant Time: Jan 14 21:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	84722	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	154168	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	143015	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	67707	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	53947	56.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.32%			
35) Dibromofluoromethane	7.88	113	49472	55.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.04%			
50) Toluene-d8	10.32	98	196960	52.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.40%			
62) 4-Bromofluorobenzene	12.62	95	66158	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	739	1.069	ug/l	84
11) Tert butyl alcohol	5.24	59	203	Below Cal	#	100
13) Acrolein	3.89	56	20	Below Cal	#	16
16) Acetone	4.14	43	820	Below Cal	#	60
20) Methylene Chloride	4.90	84	1649	Below Cal	#	88
25) 2-Butanone	7.15	43	620	2.340	ug/l #	49
29) Tetrahydrofuran	7.53	42	341	1.927	ug/l #	56
31) Cyclohexane	7.95	56	2444	1.220	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	7187	4.526	ug/l #	53
38) Carbon Tetrachloride	7.95	117	9340	6.426	ug/l #	16
49) 1,4-Dioxane	9.46	88	25	2.964	ug/l #	1
51) 4-Methyl-2-Pentanone	10.23	43	909	1.476	ug/l	98
76) 1,2,3-Trichloropropane	12.62	75	32675	52.939	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	32675	123.278	ug/l #	11

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

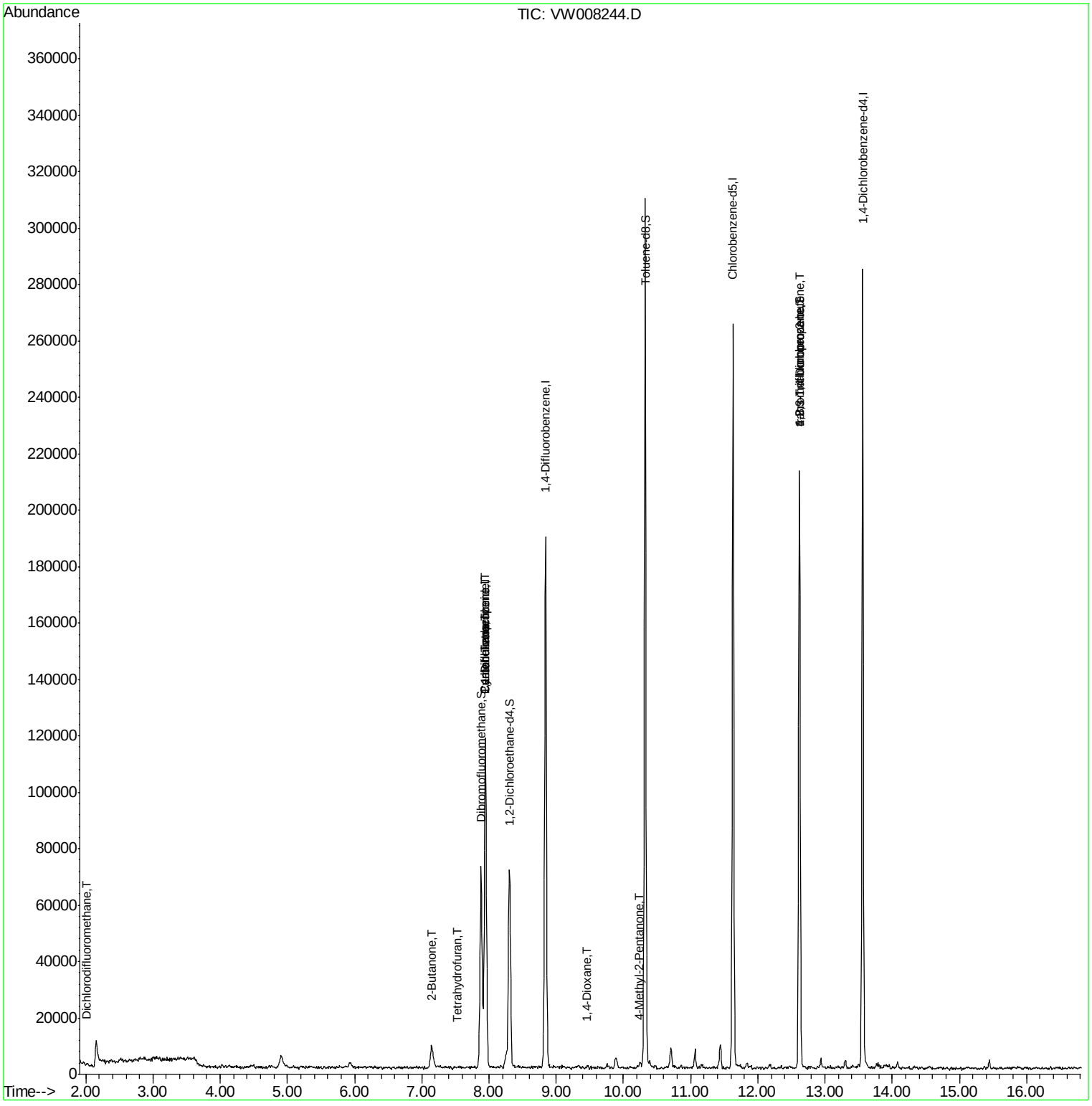
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011419\

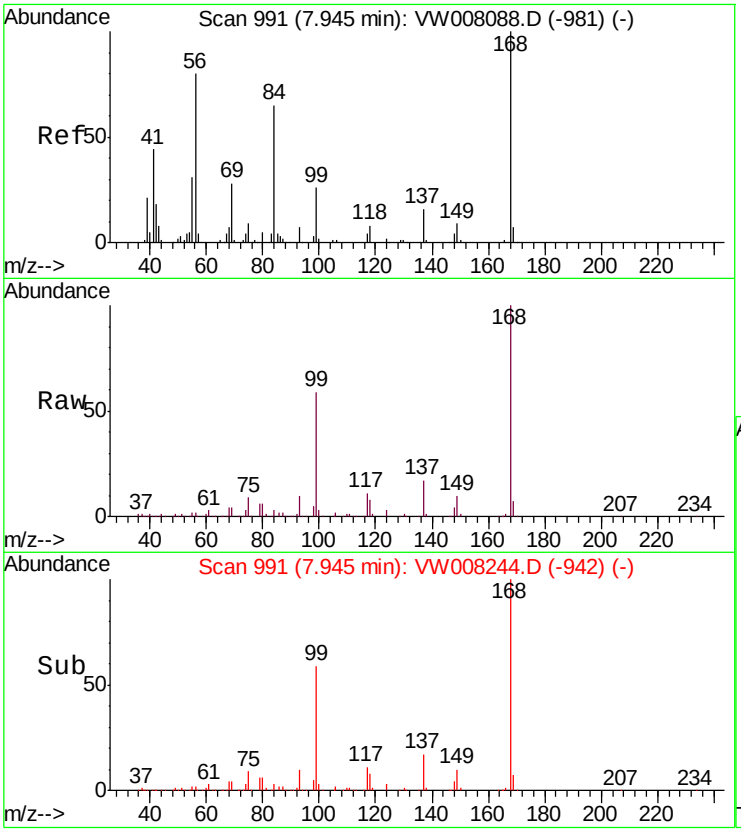
Quantitation Report (Not Reviewed)

Data File : VW008244.D
Acq On : 14 Jan 2019 13:58
Operator : SY/VA
Sample : K1131-03
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Quant Time: Jan 14 21:13:00 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010819S.M
Quant Title : SW846 8260
QLast Update : Wed Jan 09 04:40:48 2019
Response via : Initial Calibration



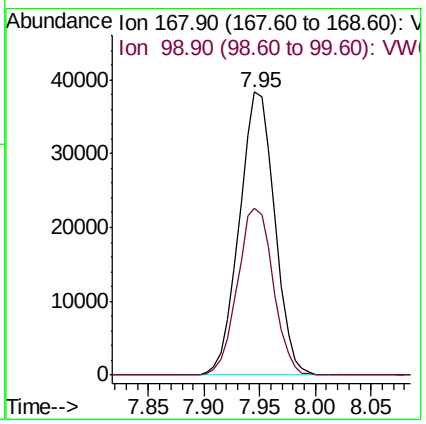


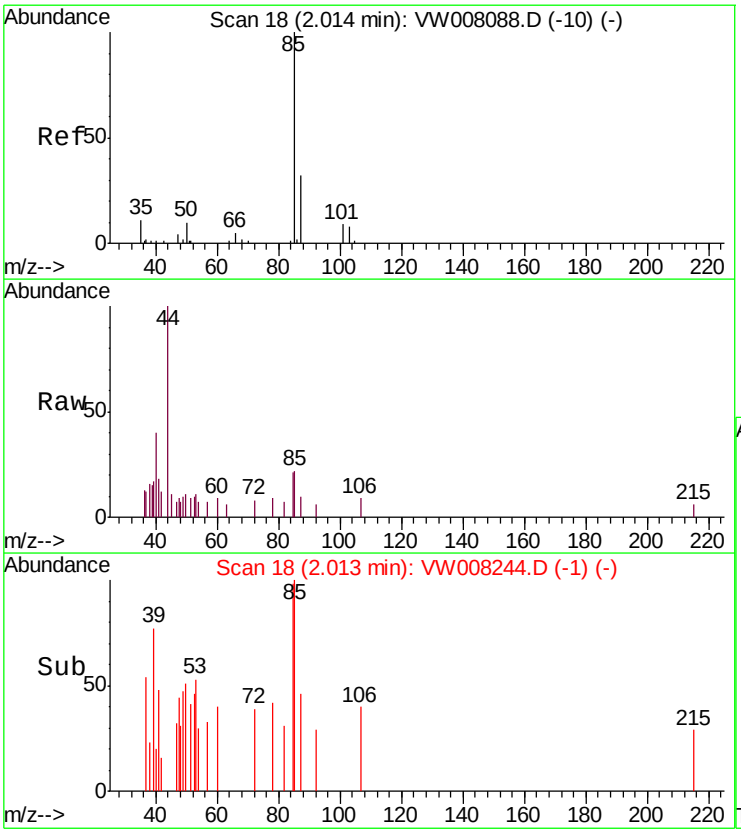
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion:168 Resp: 84722

Ion	Ratio	Lower	Upper
168	100		
99	59.1	52.6	78.8

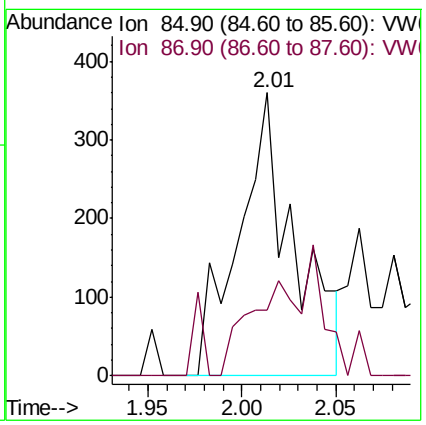


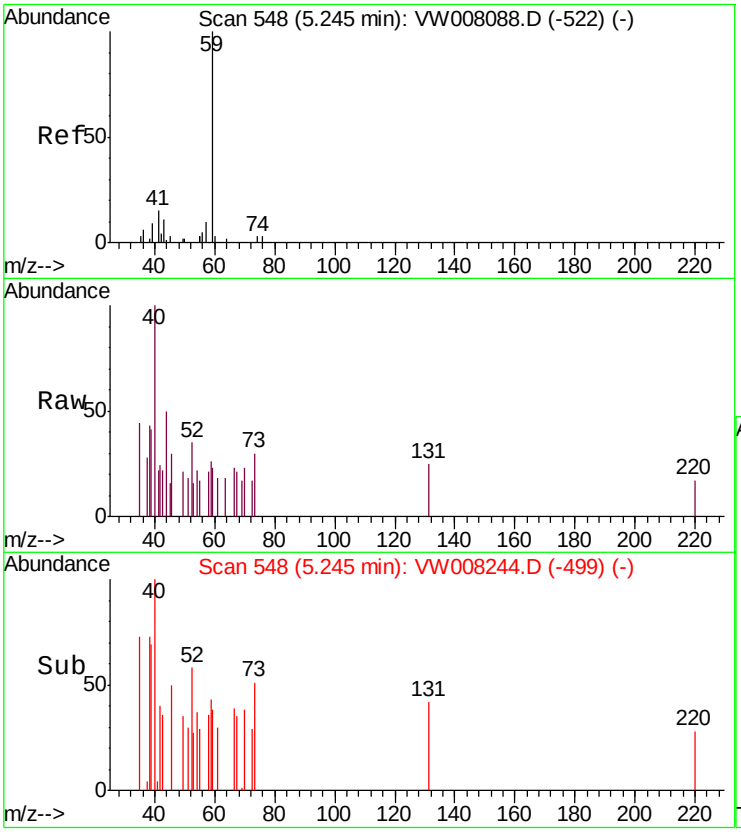


#2
Dichlorodifluoromethane
Concen: 1.069 ug/l
RT: 2.01 min Scan# 18
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 85 Resp: 739

Ion	Ratio	Lower	Upper
85	100		
87	23.3	16.1	48.3



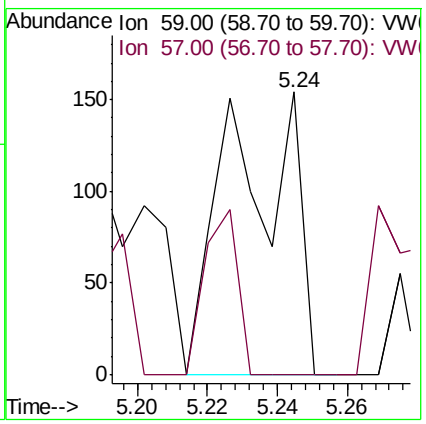


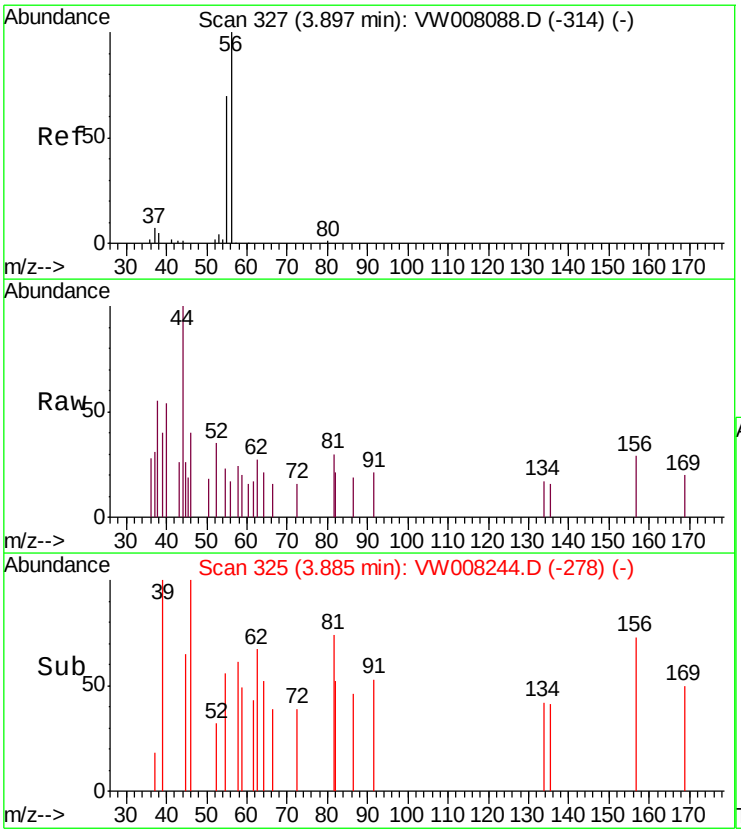
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.24 min Scan# 548
Delta R.T. 0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion: 59 Resp: 203

Ion	Ratio	Lower	Upper
59	100		
57	29.1	0.0	0.0#

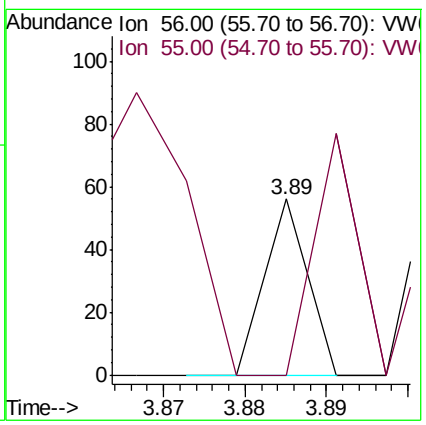


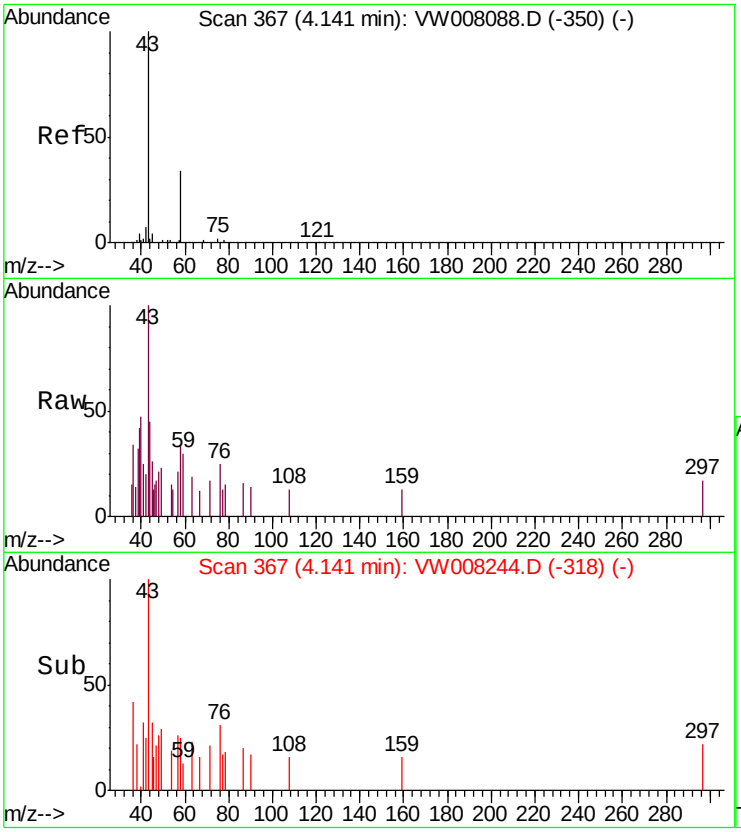


#13
Acrolein
Concen: Below Cal
RT: 3.89 min Scan# 325
Delta R.T. -0.01 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	140.0	56.6	84.8#



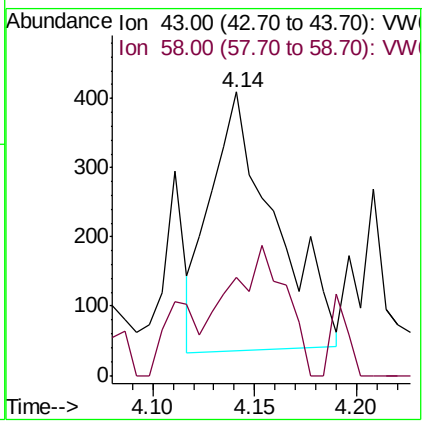


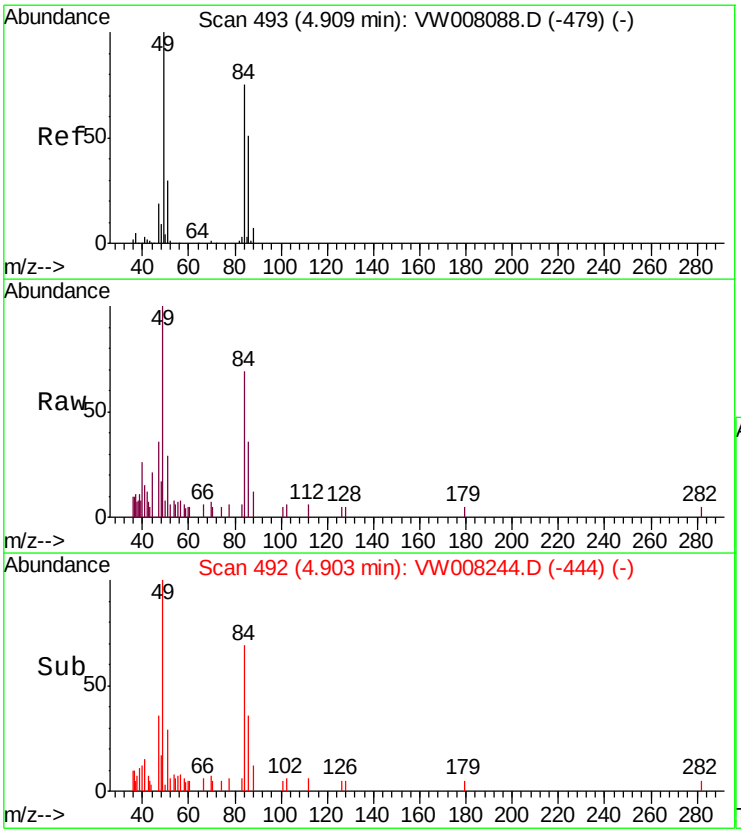
#16
Acetone
Concen: Below Cal
RT: 4.14 min Scan# 367
Delta R.T. 0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion: 43 Resp: 820

Ion	Ratio	Lower	Upper
43	100		
58	11.2	27.5	41.3#

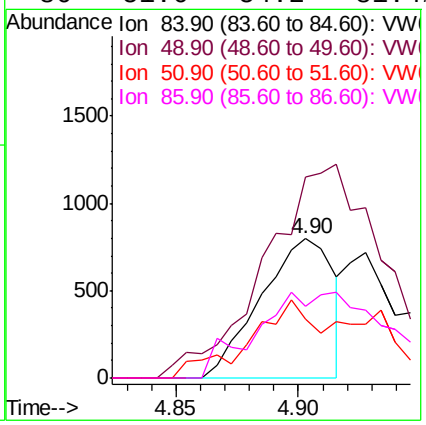


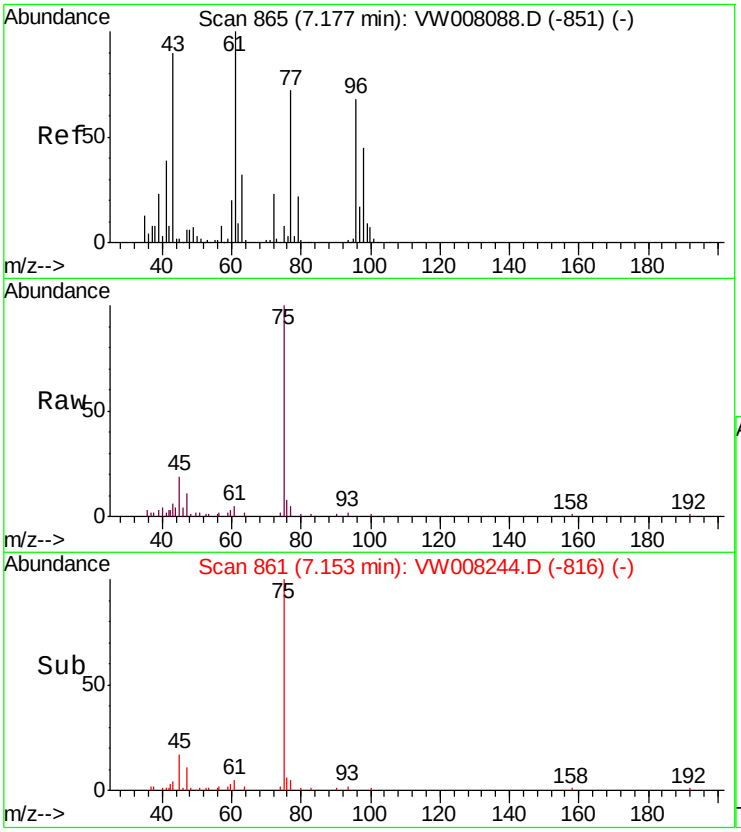


#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 84 Resp: 1649

Ion	Ratio	Lower	Upper
84	100		
49	126.5	107.1	160.7
51	30.3	32.4	48.6#
86	51.6	54.2	81.4#



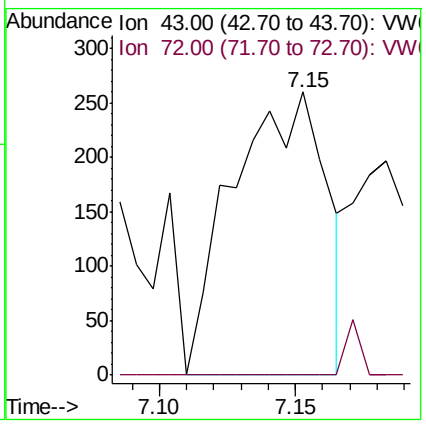


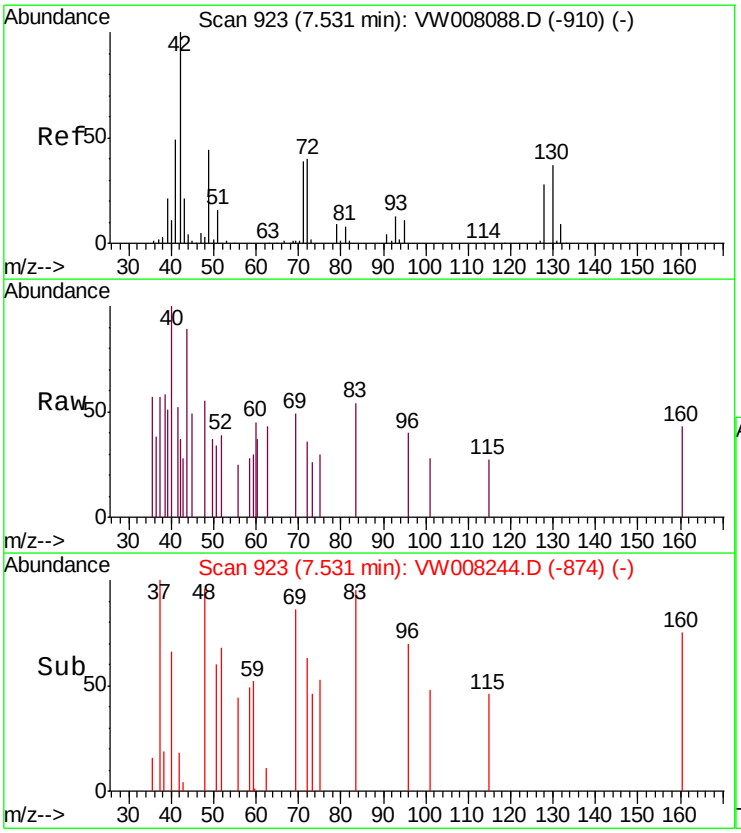
#25
2-Butanone
Concen: 2.340 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion: 43 Resp: 620

Ion	Ratio	Lower	Upper
43	100		
72	0.0	20.5	30.7#

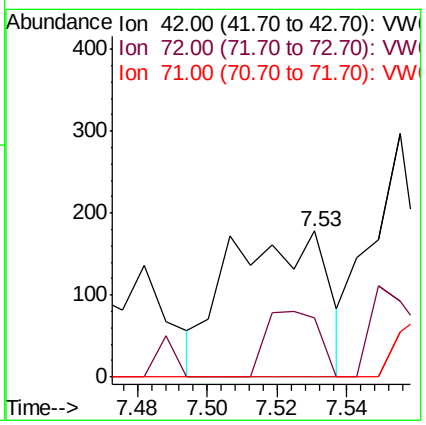


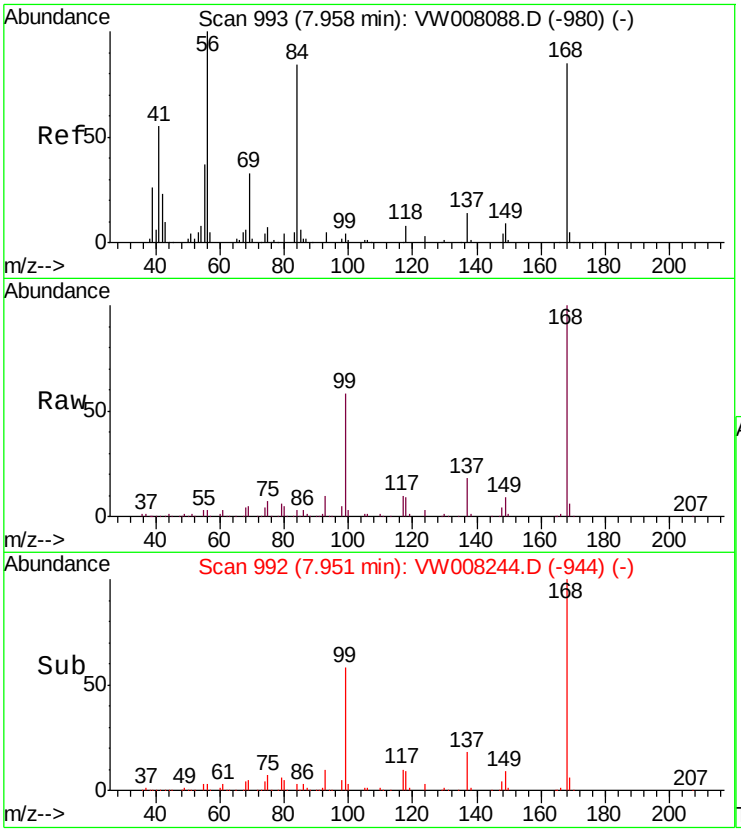


#29
Tetrahydrofuran
Concen: 1.927 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 42 Resp: 341

Ion	Ratio	Lower	Upper
42	100		
72	24.6	32.4	48.6#
71	0.0	31.3	46.9#



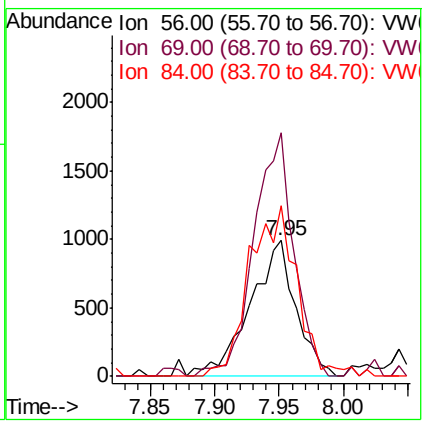


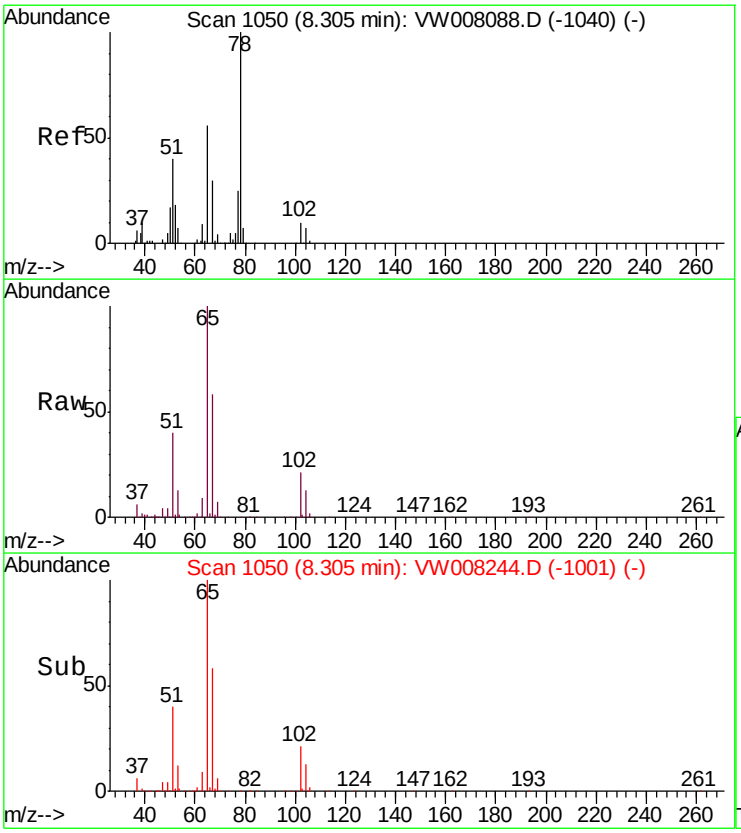
#31
Cyclohexane
Concen: 1.220 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument : MSVOA_W
ClientSampleId : QD-01-011019

Tgt Ion: 56 Resp: 2444

Ion	Ratio	Lower	Upper
56	100		
69	179.6	26.2	39.4#
84	131.3	67.4	101.2#

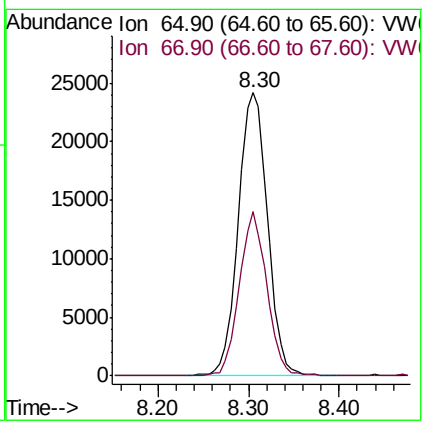


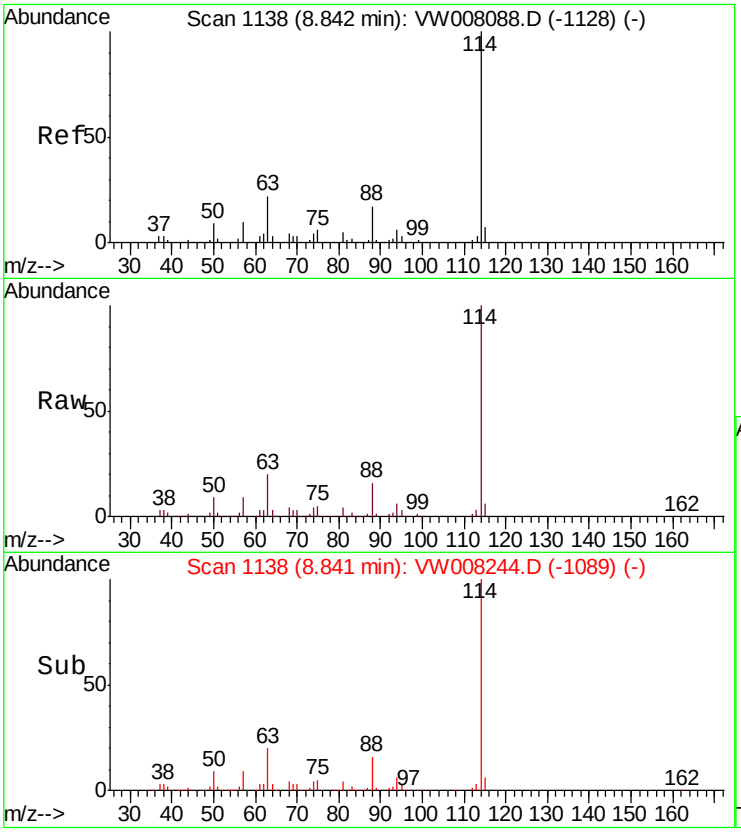


#33
1,2-Dichloroethane-d4
Concen: 56.655 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 65 Resp: 53947

Ion	Ratio	Lower	Upper
65	100		
67	54.5	0.0	106.8



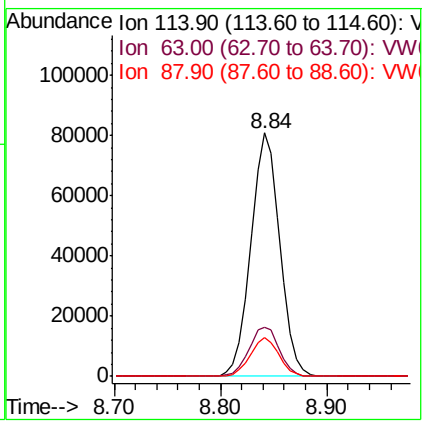


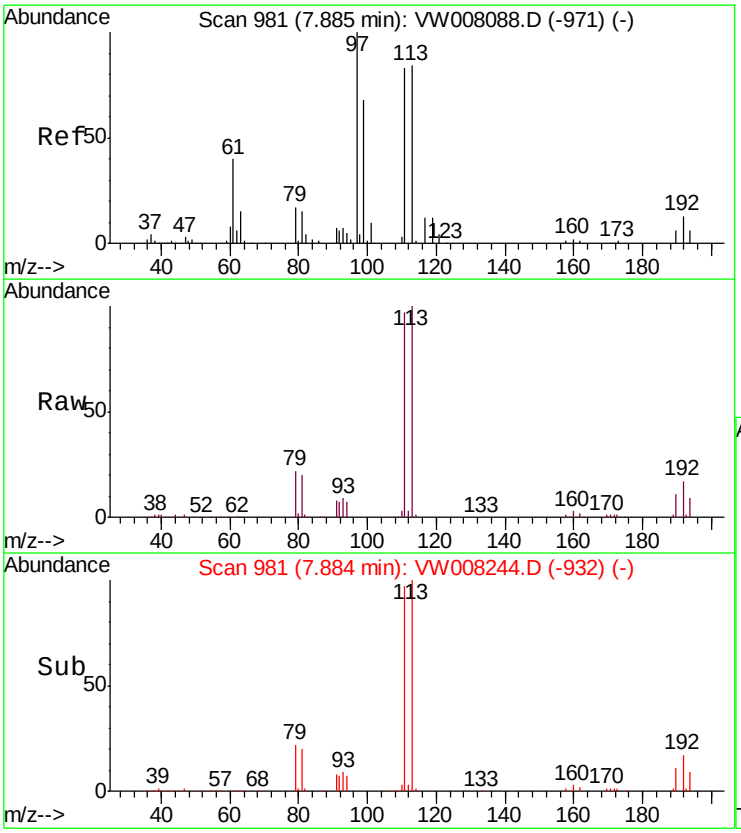
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion:114 Resp: 154168

Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	43.4
88	16.2	0.0	33.4

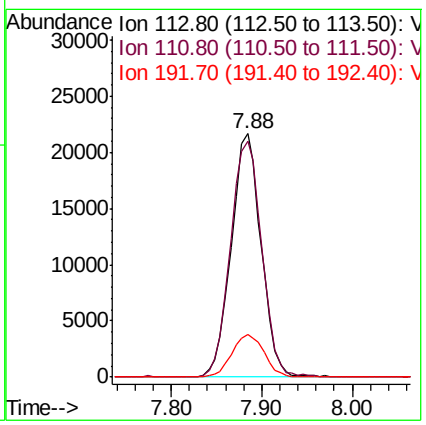


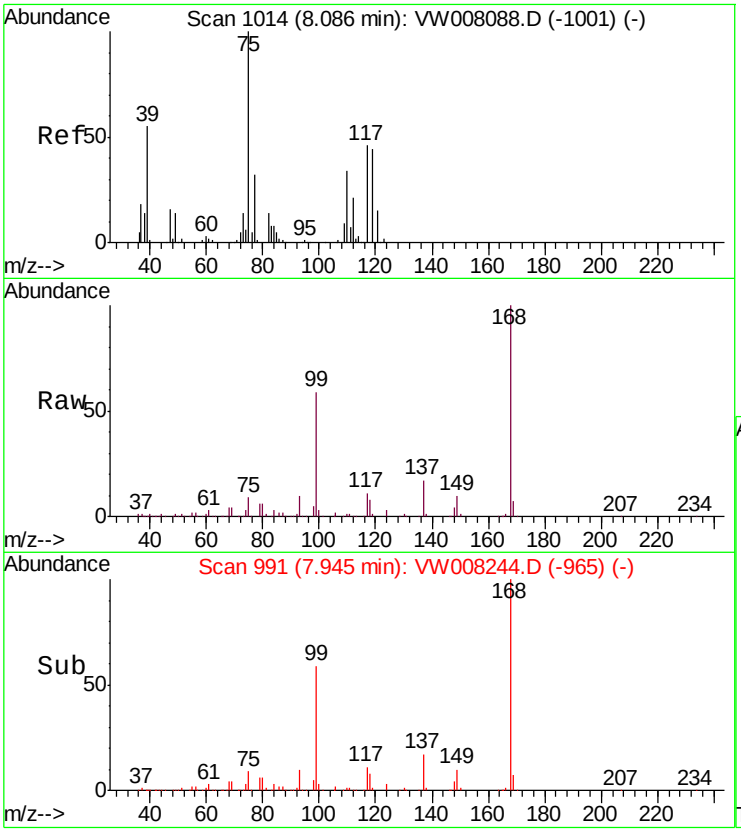


#35
Dibromofluoromethane
Concen: 55.020 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion:113 Resp: 49472

Ion	Ratio	Lower	Upper
113	100		
111	102.0	81.8	122.8
192	18.7	12.8	19.2



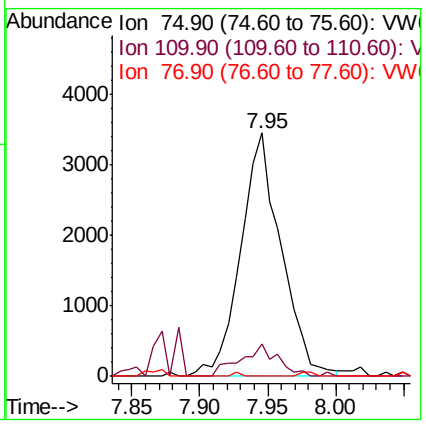


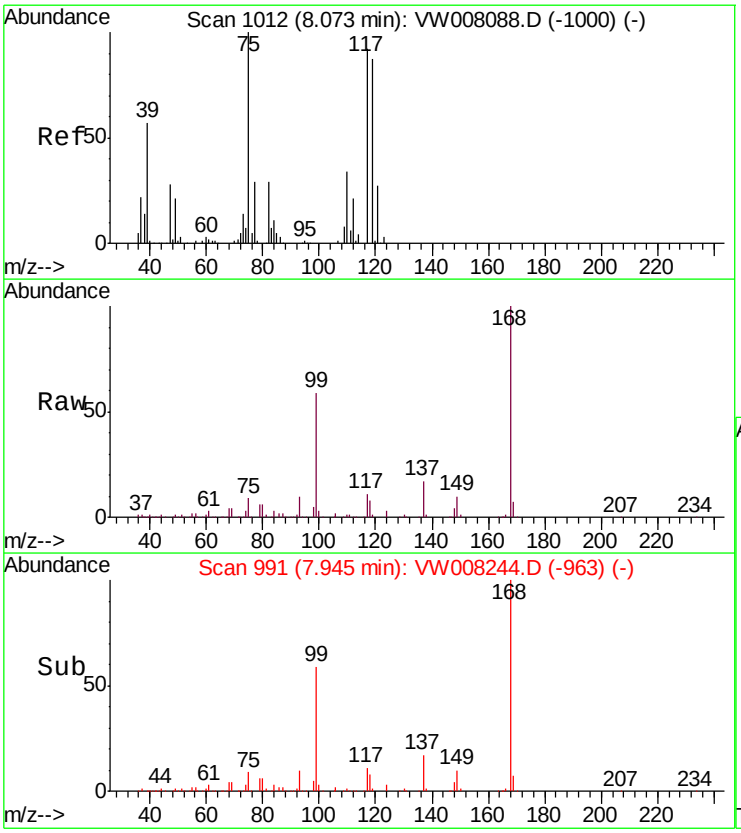
#36
1,1-Dichloropropene
Concen: 4.526 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.14 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument : MSVOA_W
ClientSampleId : QD-01-011019

Tgt Ion: 75 Resp: 7187

Ion	Ratio	Lower	Upper
75	100		
110	12.2	17.1	51.3#
77	0.3	25.5	38.3#

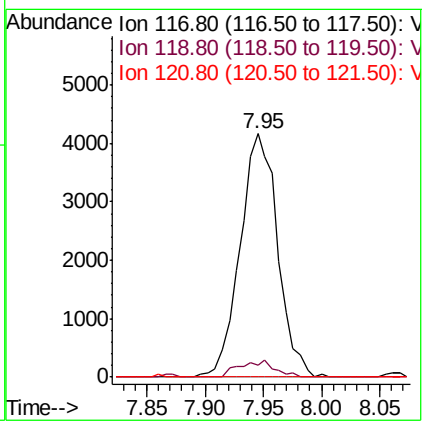


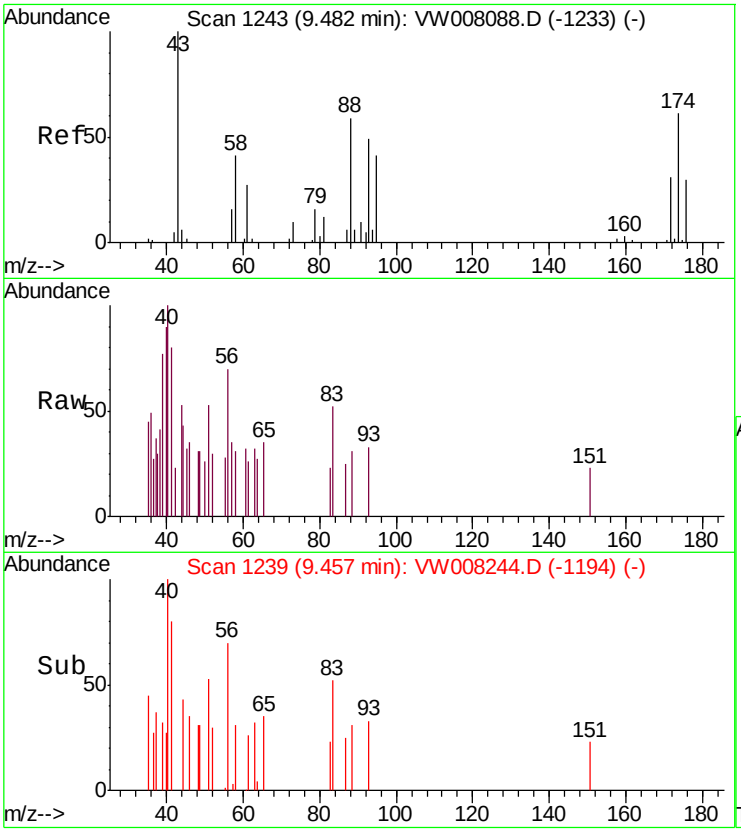


#38
Carbon Tetrachloride
Concen: 6.426 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion:117 Resp: 9340

Ion	Ratio	Lower	Upper
117	100		
119	5.0	75.8	113.8#
121	0.0	23.7	35.5#



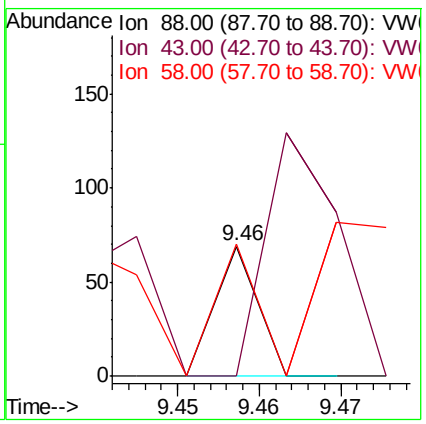


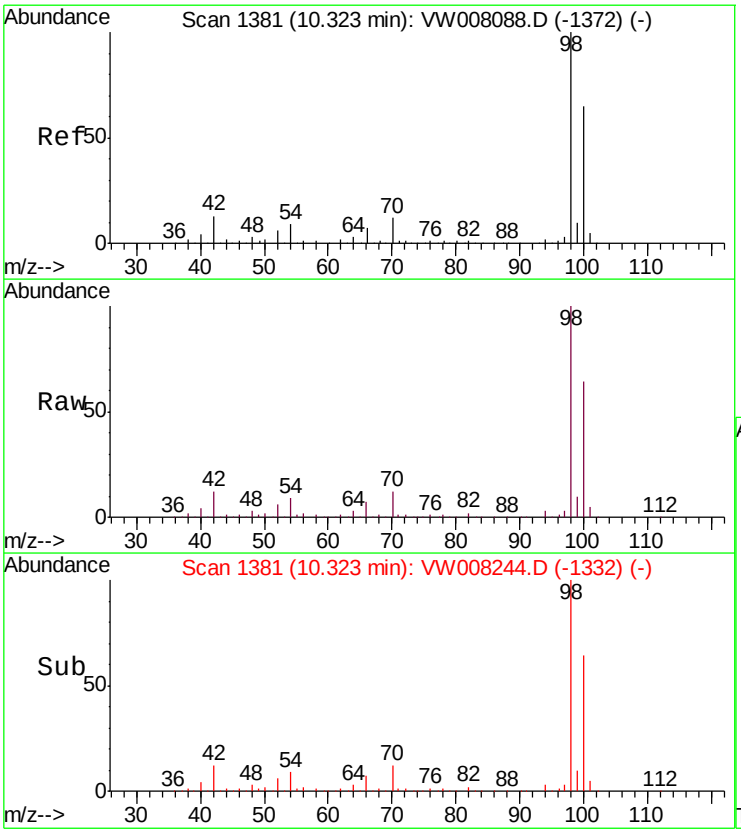
#49
1,4-Dioxane
Concen: 2.964 ug/l
RT: 9.46 min Scan# 1239
Delta R.T. -0.02 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument : MSVOA_W
ClientSampleId : QD-01-011019

Tgt Ion: 88 Resp: 25

Ion	Ratio	Lower	Upper
88	100		
43	316.0	0.0	0.0#
58	340.0	61.7	92.5#

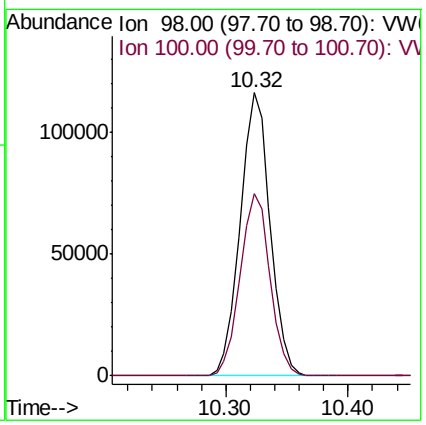


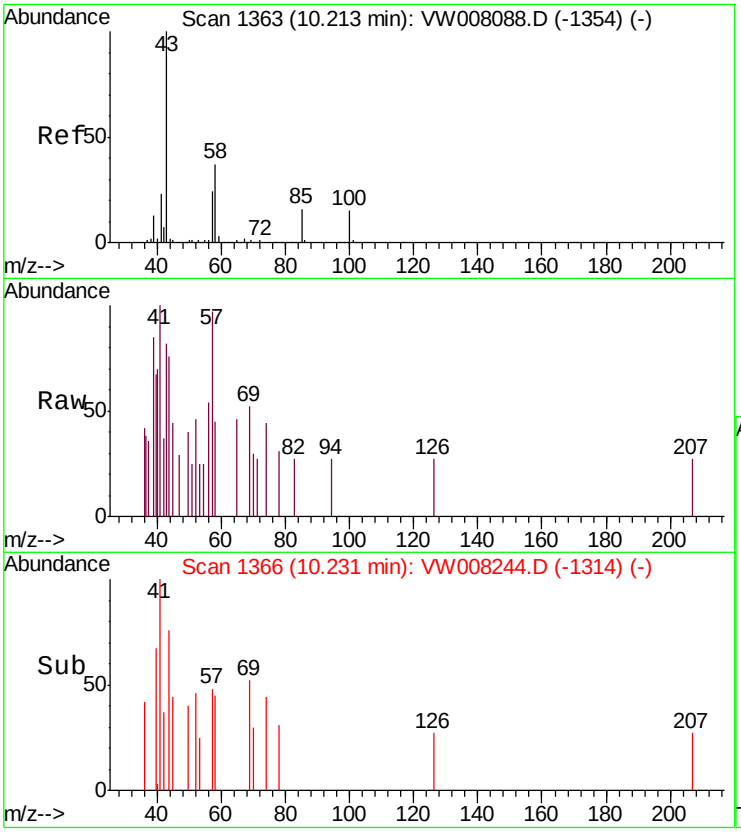


#50
Toluene-d8
Concen: 52.199 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 98 Resp: 196960

Ion	Ratio	Lower	Upper
98	100		
100	64.5	51.7	77.5



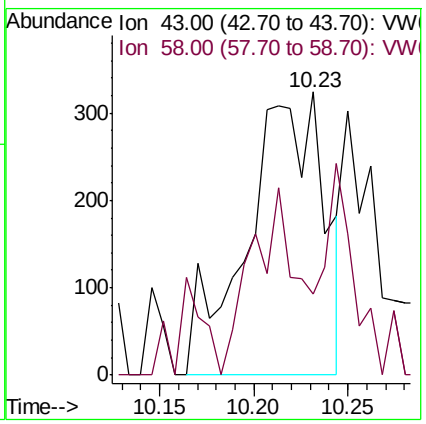


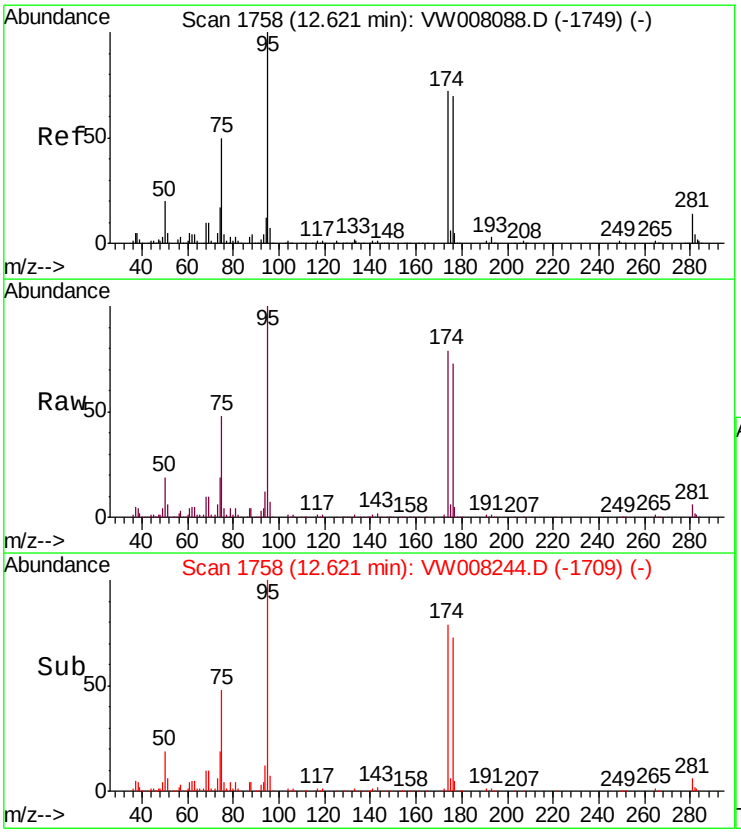
#51
4-Methyl-2-Pentanone
Concen: 1.476 ug/l
RT: 10.23 min Scan# 1366
Delta R.T. 0.02 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion: 43 Resp: 909

Ion	Ratio	Lower	Upper
43	100		
58	39.7	30.6	46.0

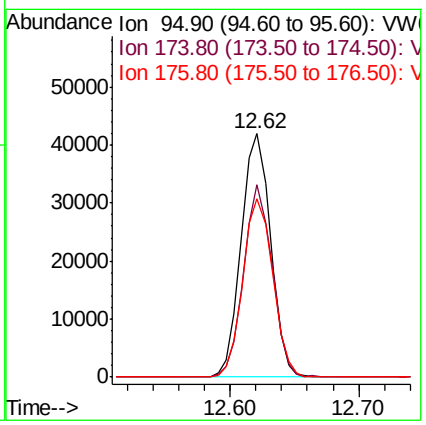


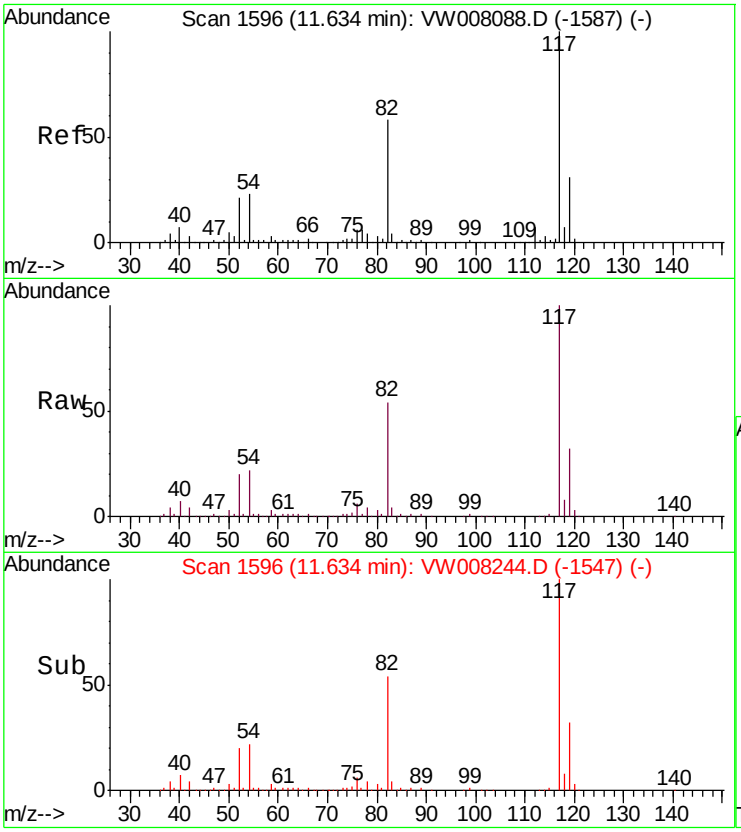


#62
4-Bromofluorobenzene
Concen: 48.908 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 95 Resp: 66158

Ion	Ratio	Lower	Upper
95	100		
174	76.4	0.0	143.0
176	74.3	0.0	140.2



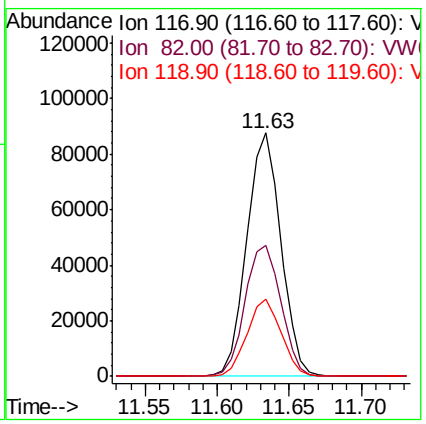


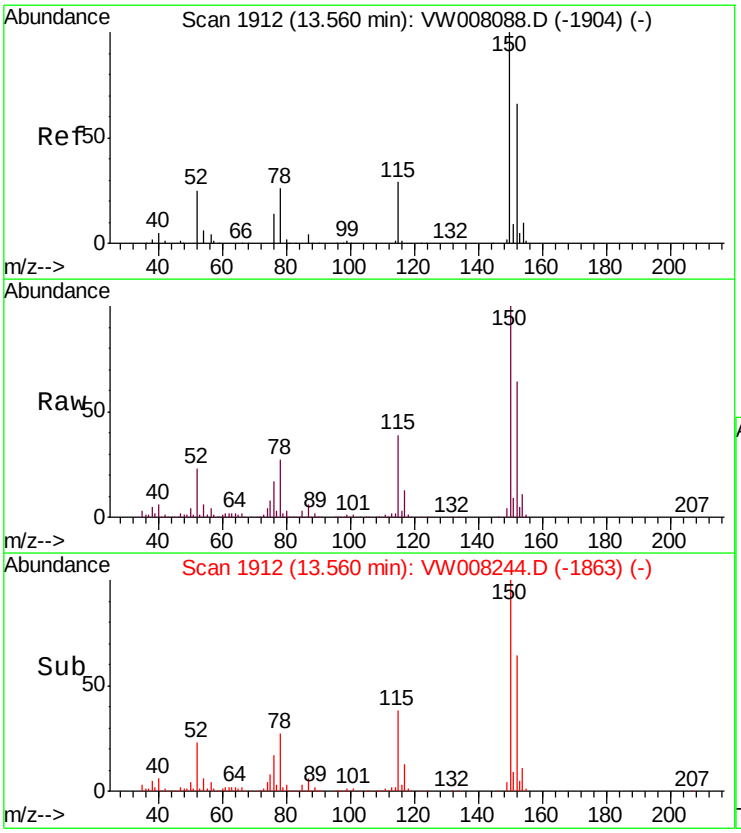
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument : MSVOA_W
ClientSampleId : QD-01-011019

Tgt Ion:117 Resp: 143015

Ion	Ratio	Lower	Upper
117	100		
82	53.6	46.4	69.6
119	31.7	24.7	37.1

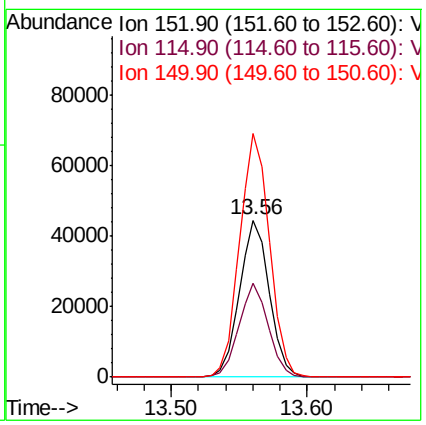


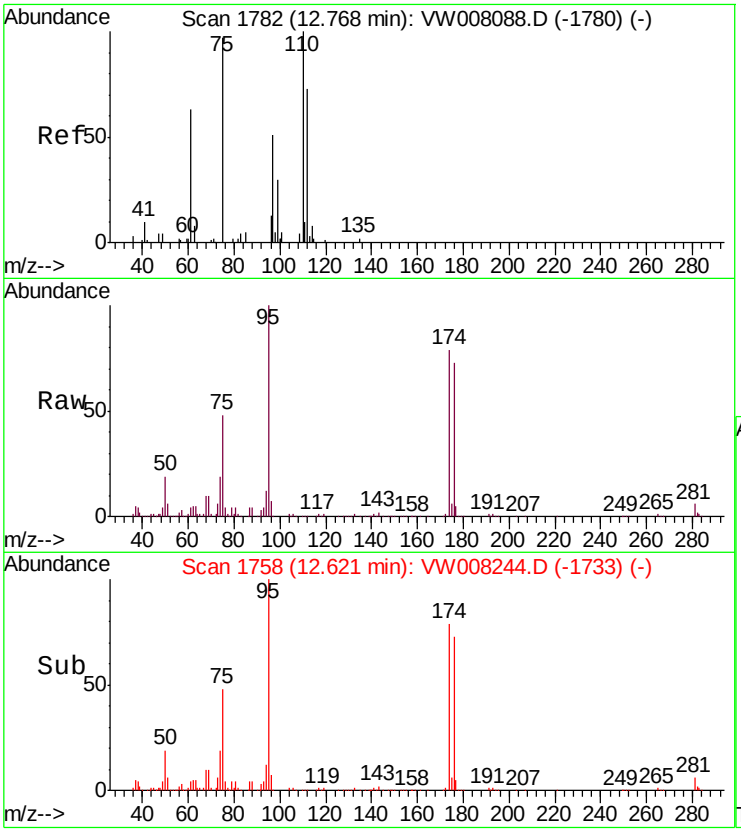


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion:152 Resp: 67707

Ion	Ratio	Lower	Upper
152	100		
115	58.9	30.8	92.4
150	156.5	0.0	350.2



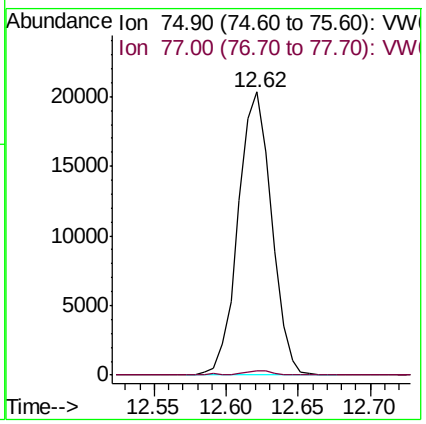


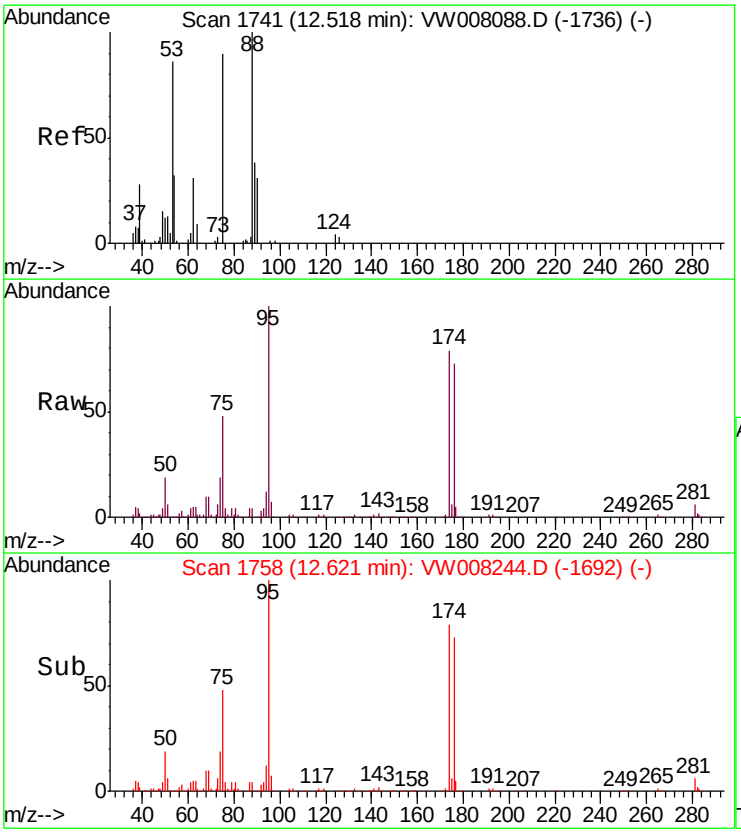
#76
1,2,3-Trichloropropane
Concen: 52.939 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Instrument :
MSVOA_W
ClientSampleId :
QD-01-011019

Tgt Ion: 75 Resp: 32675

Ion	Ratio	Lower	Upper
75	100		
77	1.3	179.4	538.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 123.278 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008244.D
Acq: 14 Jan 2019 13:58

Tgt Ion: 75 Resp: 32675

Ion	Ratio	Lower	Upper
75	100		
53	0.7	78.8	118.2#
89	0.0	35.4	53.2#