Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008131.D
Acq On : 10 Jan 2019 05:25
Operator : SY/AP
Sample : K1087-03RE
Misc : 5.27G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : MH-448-10.0-11.0RE

Quant Time: Jan 10 06:04:14 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	64111	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	121304	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	108437	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	48672	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	42130	58.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 116.94%			
35) Dibromofluoromethane	7.88	113	38278	54.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.20%			
50) Toluene-d8	10.32	98	156354	52.66	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.32%			
62) 4-Bromofluorobenzene	12.62	95	52030	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.76%			
Target Compounds						Qvalue
8) Diethyl Ether	3.67	74	681	1.672	ug/l	86
11) Tert butyl alcohol	5.26	59	22	Below Cal	#	100
13) Acrolein	3.87	56	22	Below Cal	#	1
16) Acetone	4.14	43	4037	10.945	ug/l #	87
20) Methylene Chloride	4.90	84	7908	7.013	ug/l	97
29) Tetrahydrofuran	7.53	42	320	2.390	ug/l #	40
31) Cyclohexane	7.95	56	1979	1.305	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	6023	4.820	ug/l #	50
38) Carbon Tetrachloride	7.95	117	6838	5.979	ug/l #	18
40) Benzene	8.32	78	3944	1.164	ug/l #	87
49) 1,4-Dioxane	9.30	88	25	3.767	ug/l #	11
52) Toluene	10.39	92	31334	14.477	ug/l	95
76) 1,2,3-Trichloropropane	12.62	75	26177	58.997	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	26177	137.387	ug/l #	10

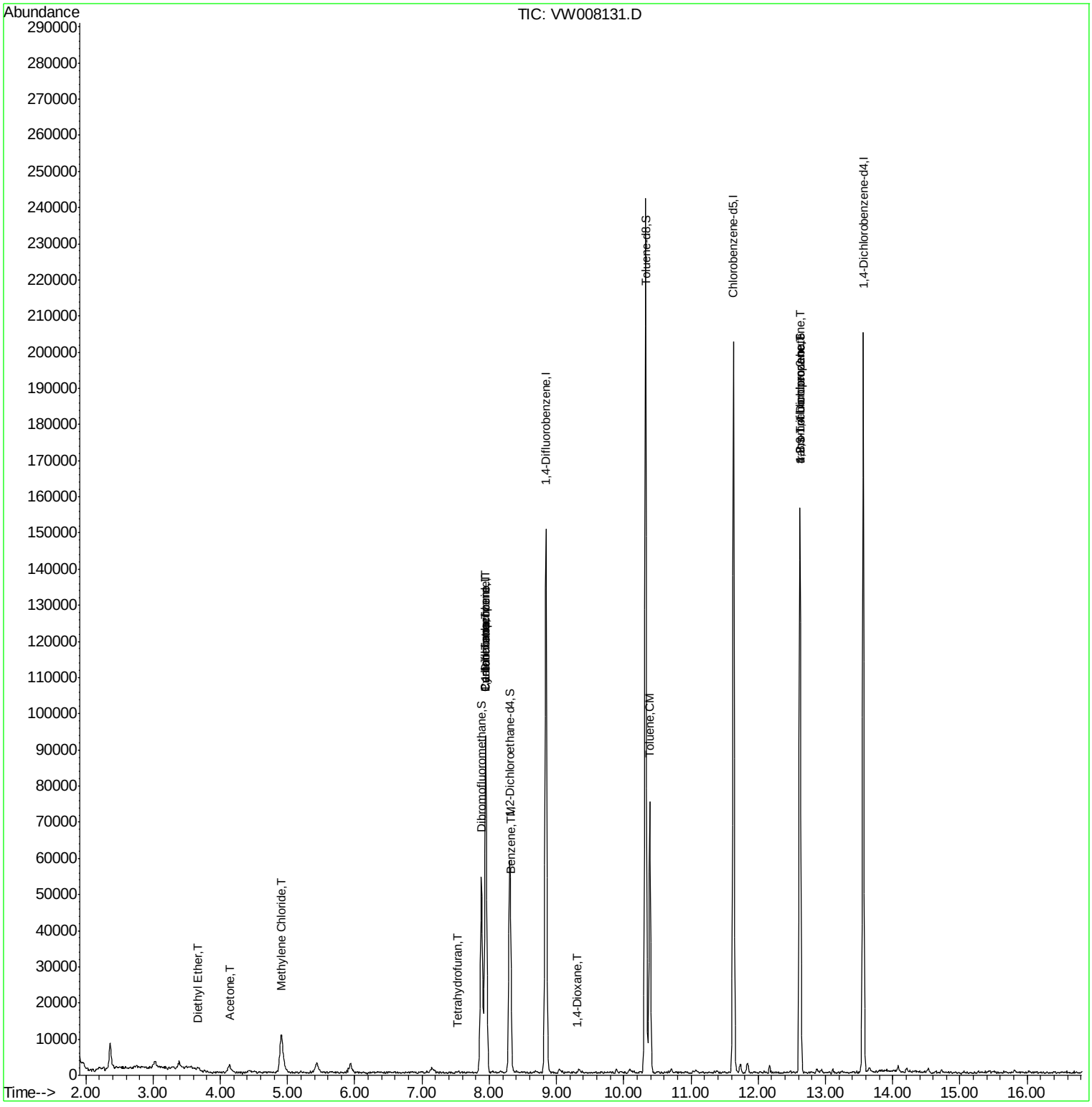
(#) = qualifier out of range (m) = manual integration (+) = signals summed

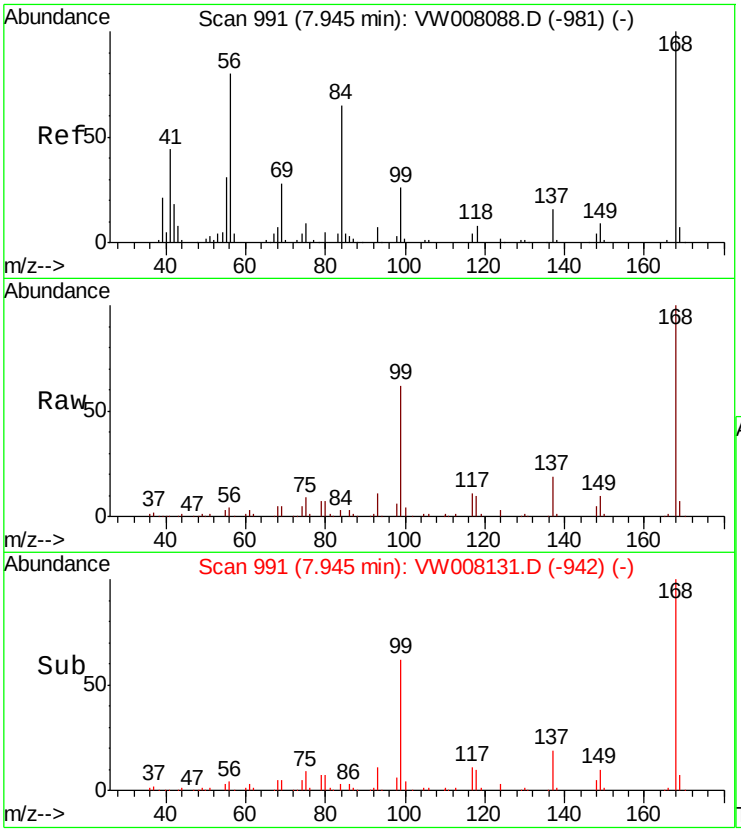
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010919\
Data File : VW008131.D
Acq On : 10 Jan 2019 05:25
Operator : SY/AP
Sample : K1087-03RE
Misc : 5.27G/5ML/MSVOA_W/SOIL
ALS Vial : 43 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Quant Time: Jan 10 06:04:14 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



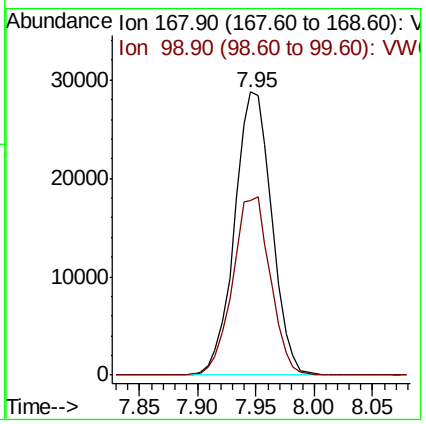


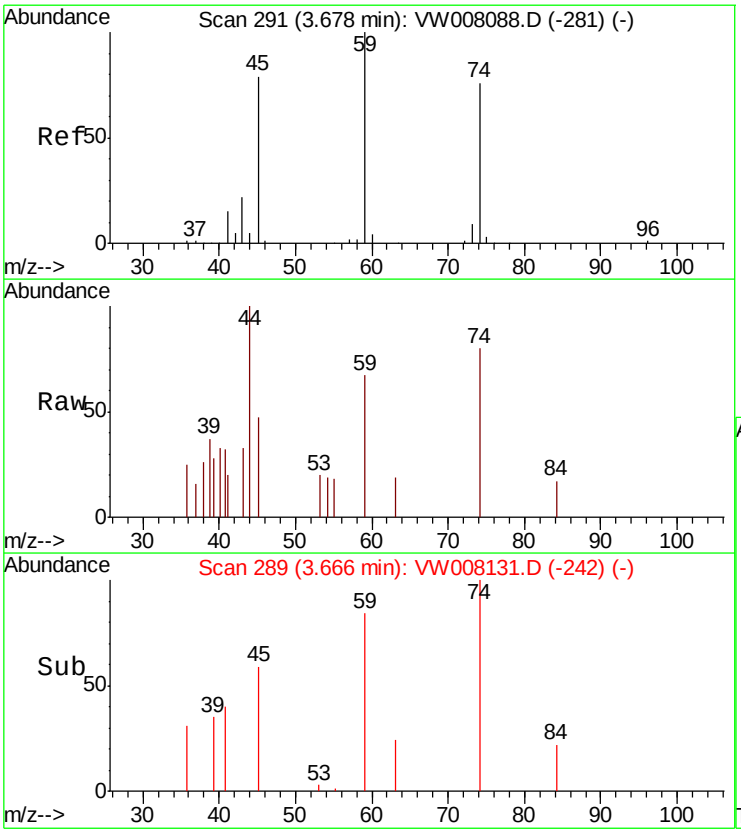
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion:168 Resp: 64111

Ion	Ratio	Lower	Upper
168	100		
99	61.6	52.6	78.8

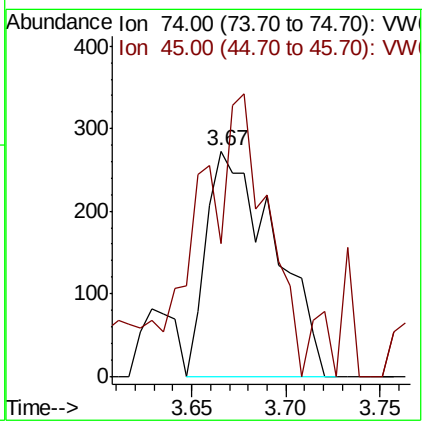


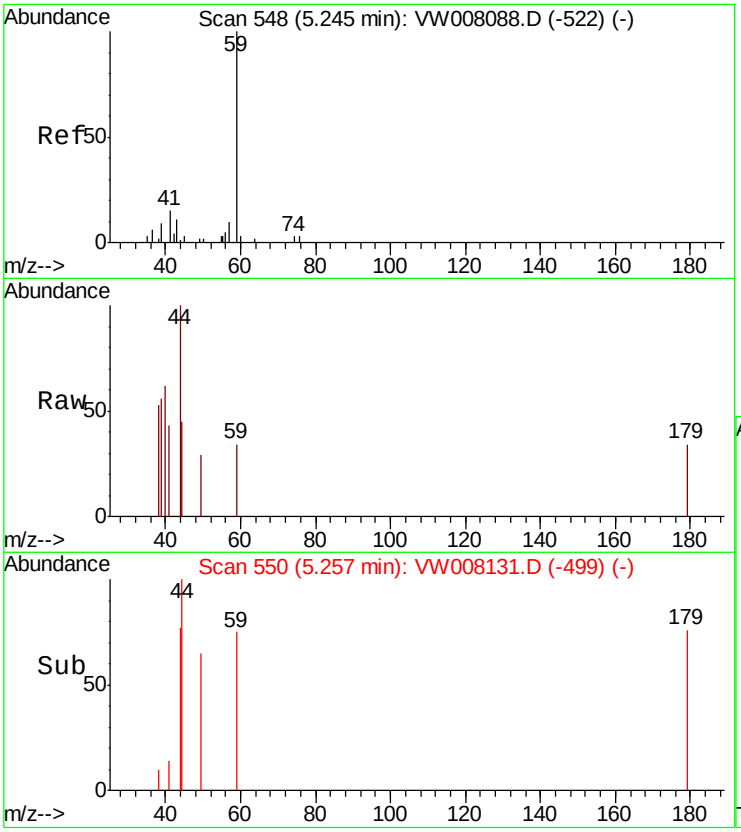


#8
Diethyl Ether
Concen: 1.672 ug/l
RT: 3.67 min Scan# 289
Delta R.T. -0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 74 Resp: 681

Ion	Ratio	Lower	Upper
74	100		
45	119.1	52.4	157.3



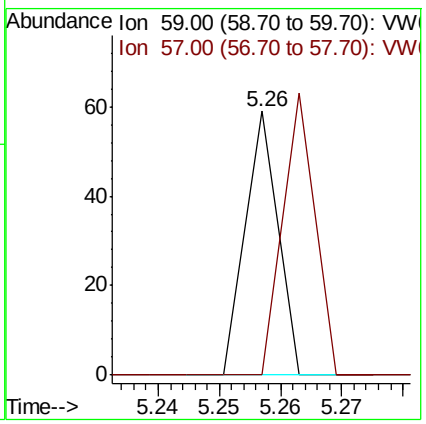


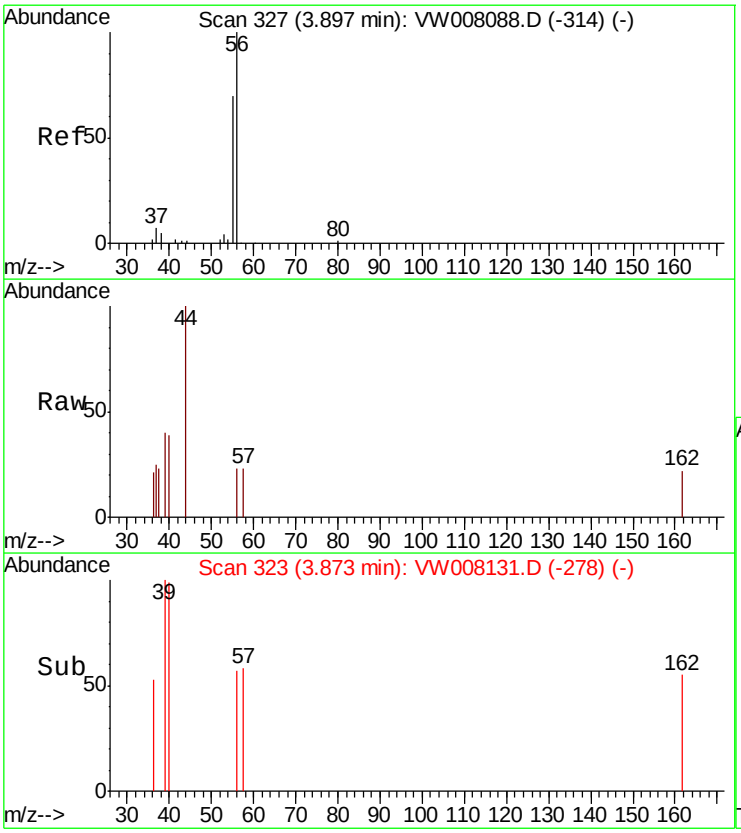
#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.26 min Scan# 550
Delta R.T. 0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 59 Resp: 22

Ion	Ratio	Lower	Upper
59	100		
57	0.0	0.0	0.0

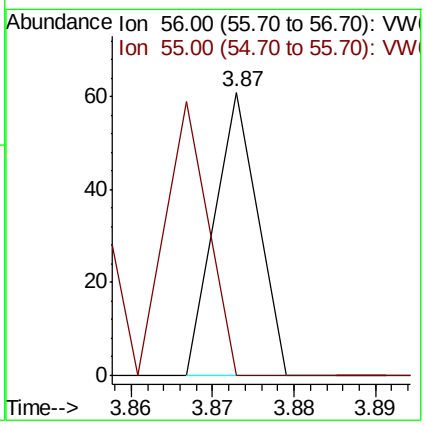


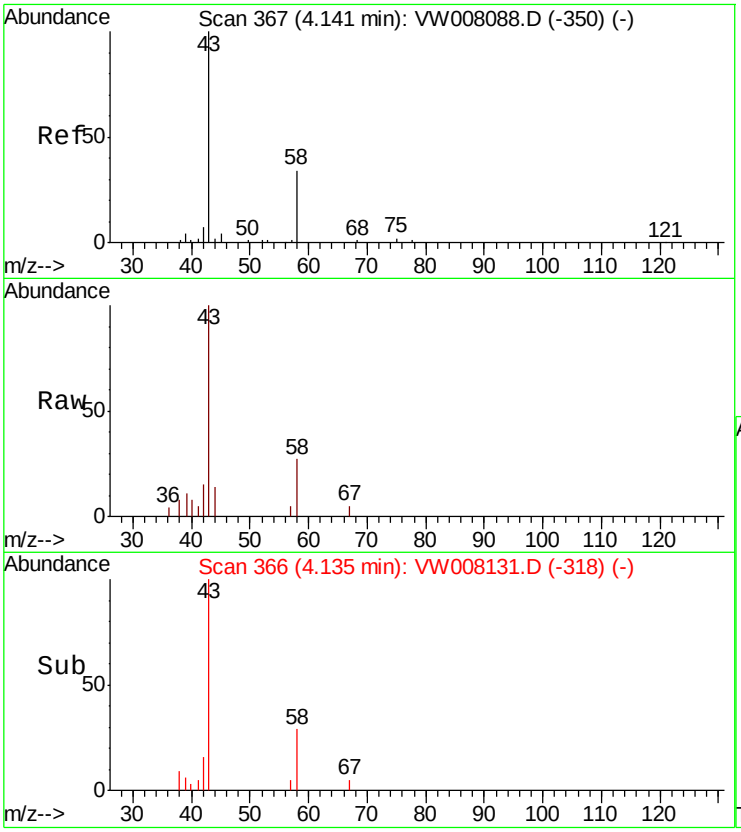


#13
Acrolein
Concen: Below Cal
RT: 3.87 min Scan# 323
Delta R.T. -0.02 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 56 Resp: 22

Ion	Ratio	Lower	Upper
56	100		
55	286.4	56.6	84.8#



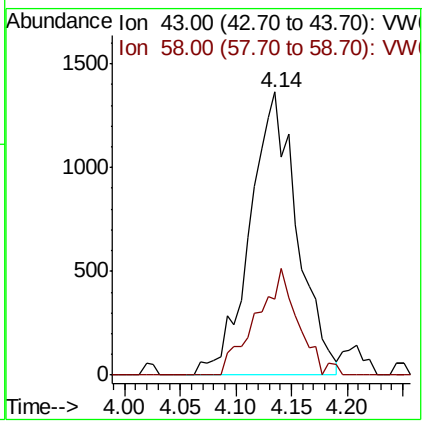


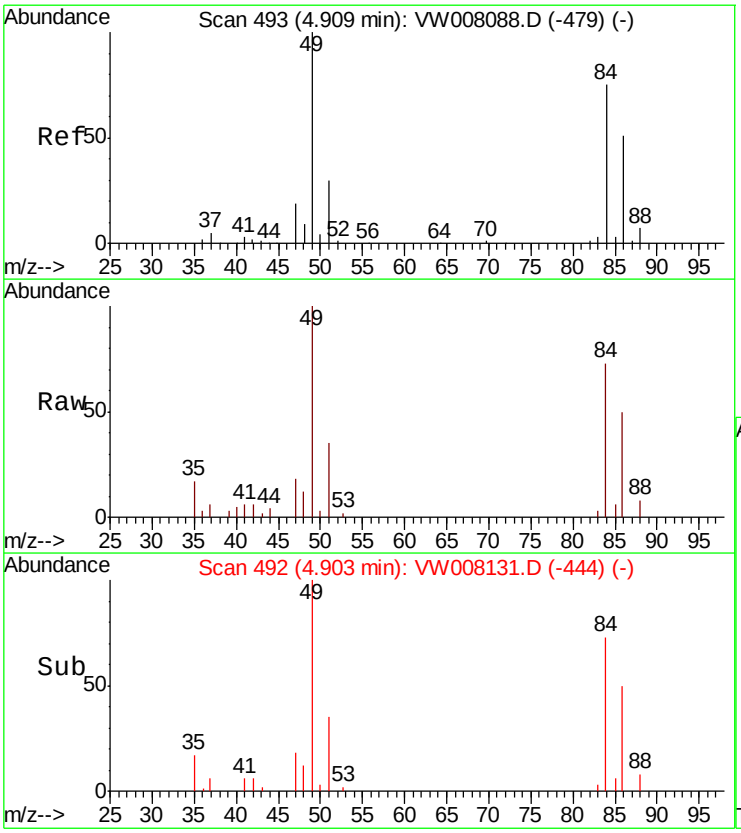
#16
Acetone
Concen: 10.945 ug/l
RT: 4.14 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 43 Resp: 4037

Ion	Ratio	Lower	Upper
43	100		
58	26.8	27.5	41.3#

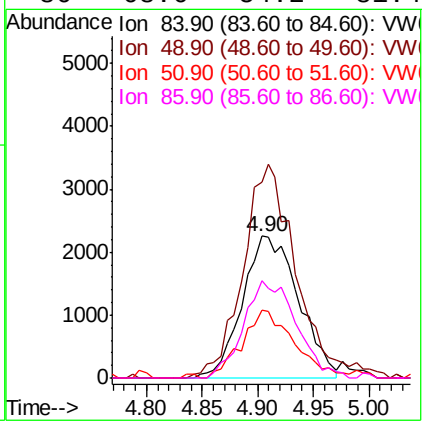


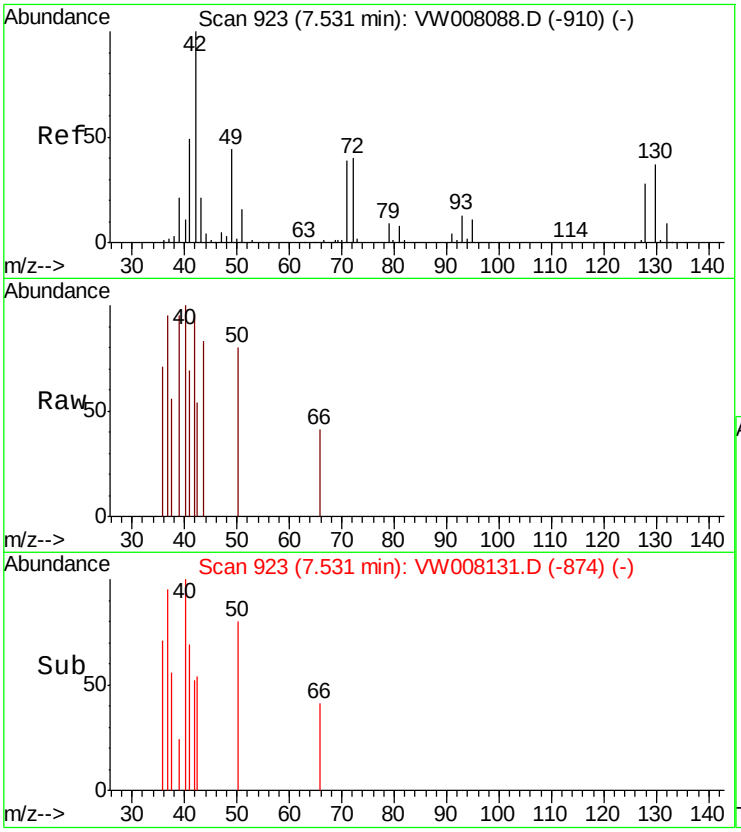


#20
Methylene Chloride
Concen: 7.013 ug/l
RT: 4.90 min Scan# 492
Delta R.T. -0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 84 Resp: 7908

Ion	Ratio	Lower	Upper
84	100		
49	137.9	107.1	160.7
51	45.3	32.4	48.6
86	68.6	54.2	81.4



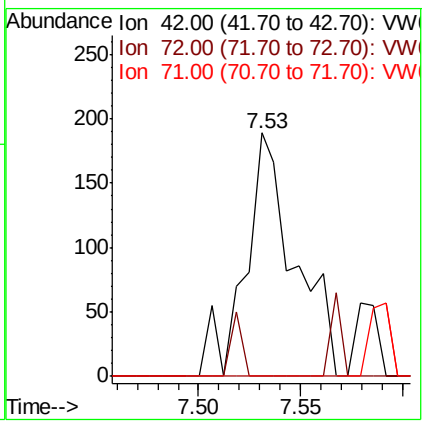


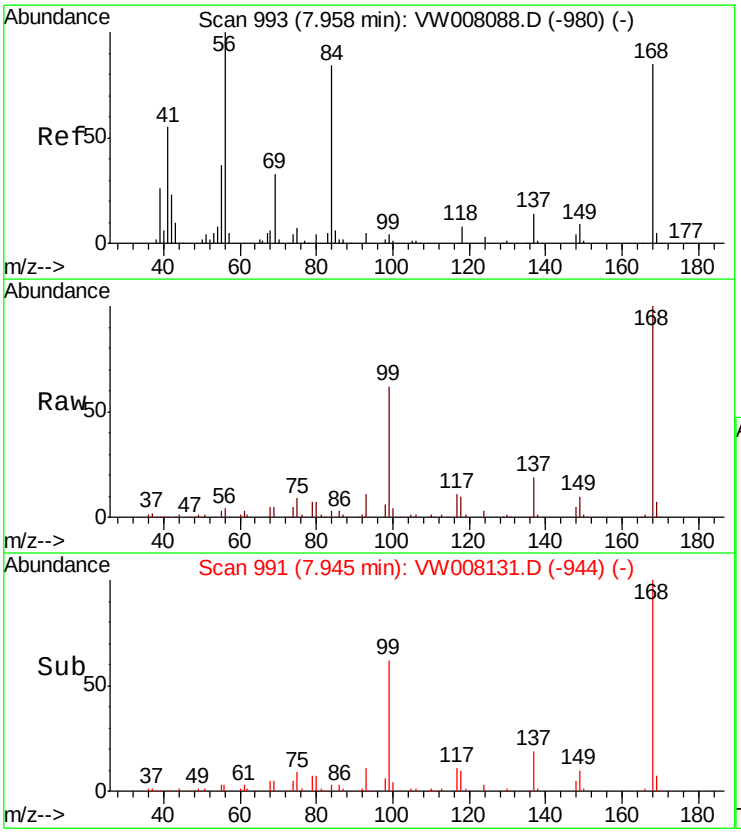
#29
Tetrahydrofuran
Concen: 2.390 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 42 Resp: 320

Ion	Ratio	Lower	Upper
42	100		
72	5.6	32.4	48.6#
71	0.0	31.3	46.9#

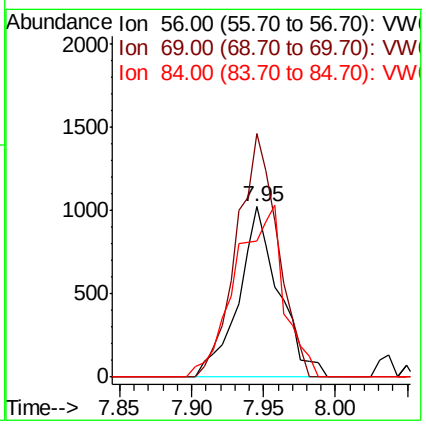


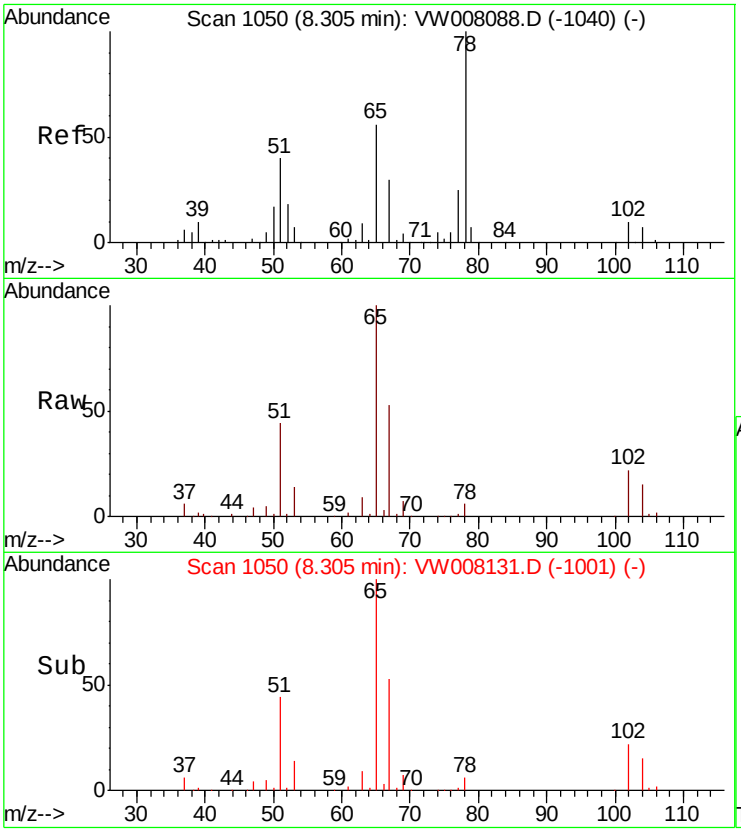


#31
Cyclohexane
Concen: 1.305 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 56 Resp: 1979

Ion	Ratio	Lower	Upper
56	100		
69	142.8	26.2	39.4#
84	79.5	67.4	101.2



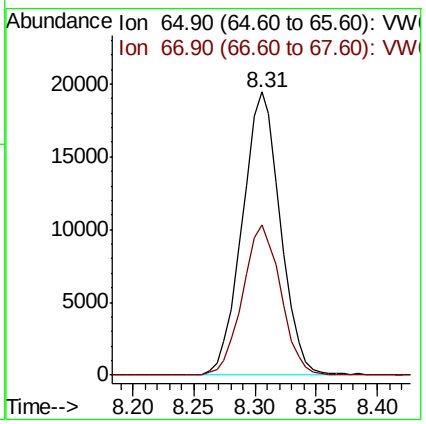


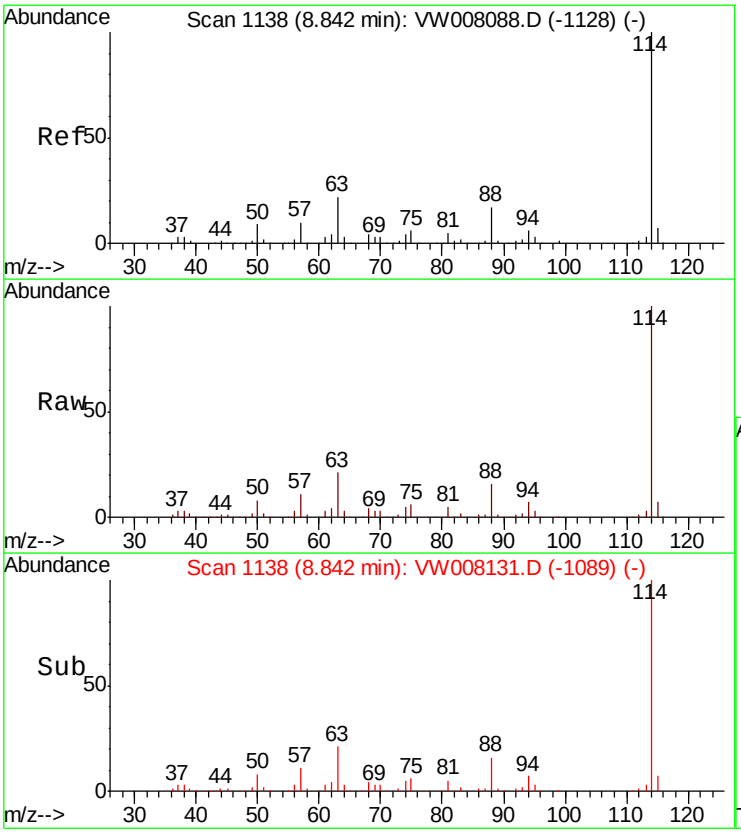
#33
1,2-Dichloroethane-d4
Concen: 58.469 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 65 Resp: 42130

Ion	Ratio	Lower	Upper
65	100		
67	53.2	0.0	106.8

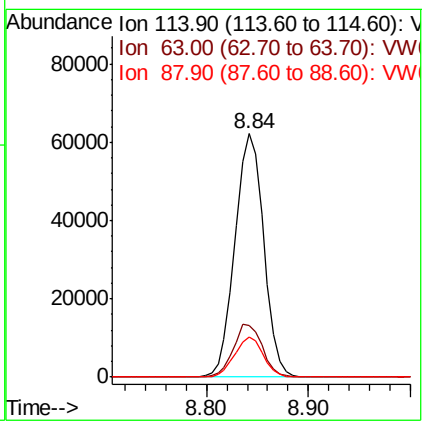


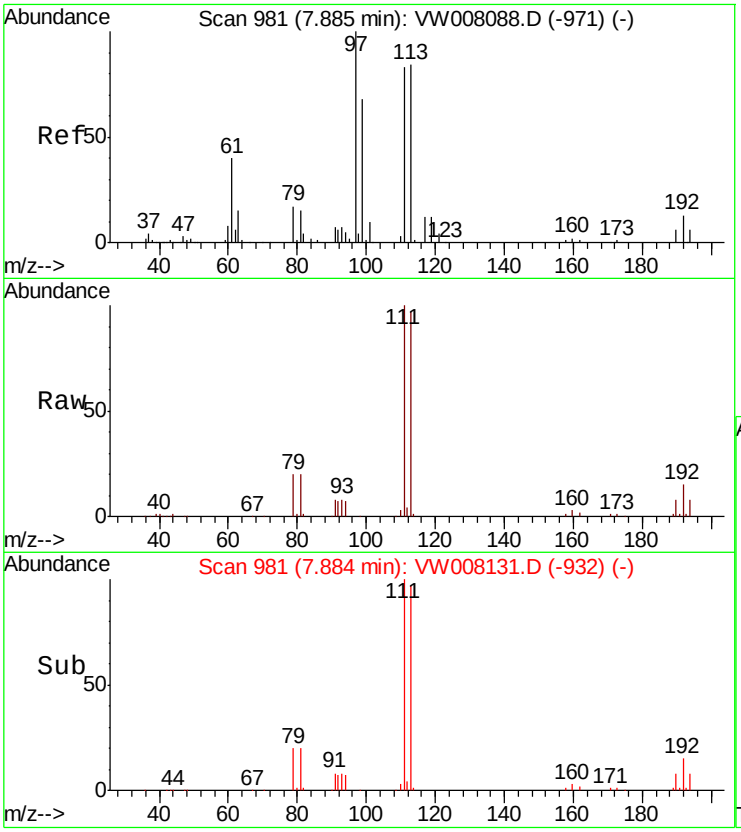


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion:114 Resp: 121304

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	43.4
88	16.4	0.0	33.4



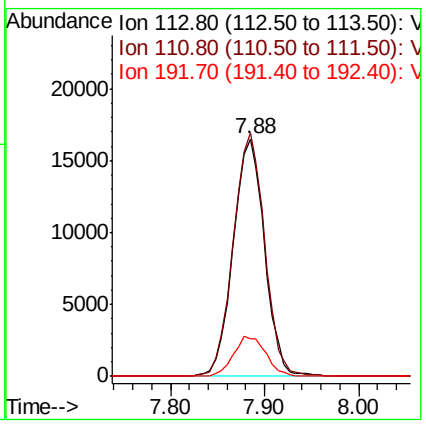


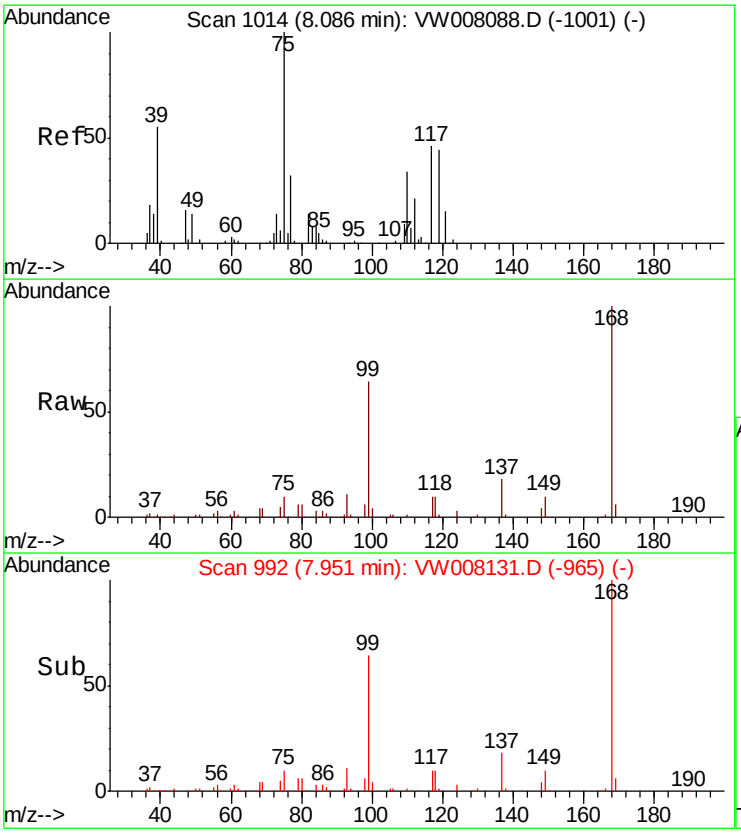
#35
Dibromofluoromethane
Concen: 54.104 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion:113 Resp: 38278

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.8	122.8
192	17.4	12.8	19.2

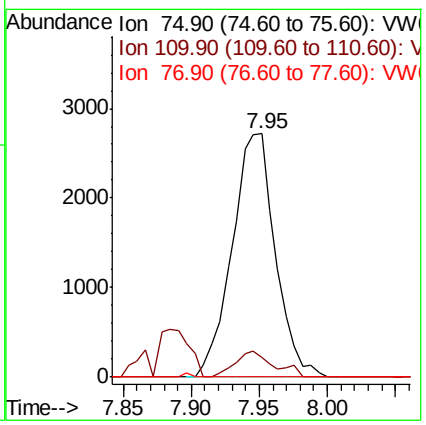


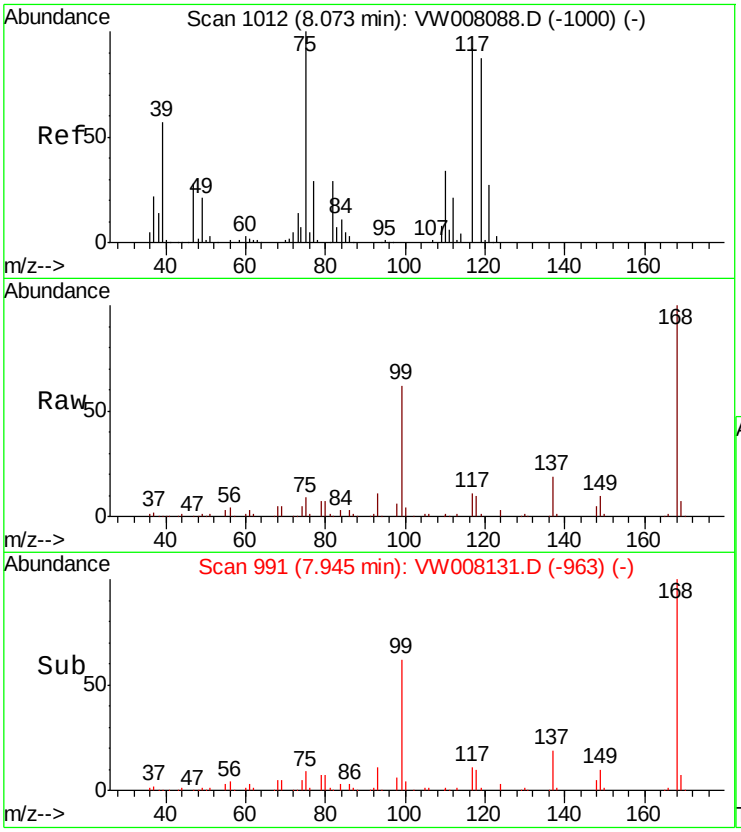


#36
1,1-Dichloropropene
Concen: 4.820 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 75 Resp: 6023

Ion	Ratio	Lower	Upper
75	100		
110	9.5	17.1	51.3#
77	0.0	25.5	38.3#



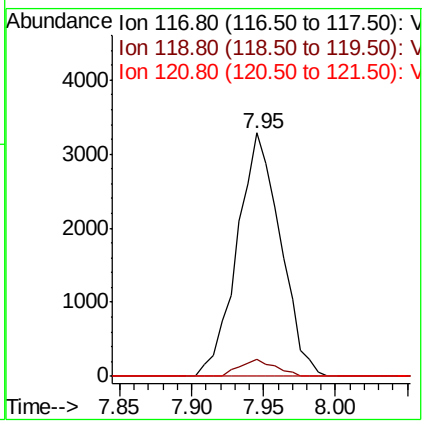


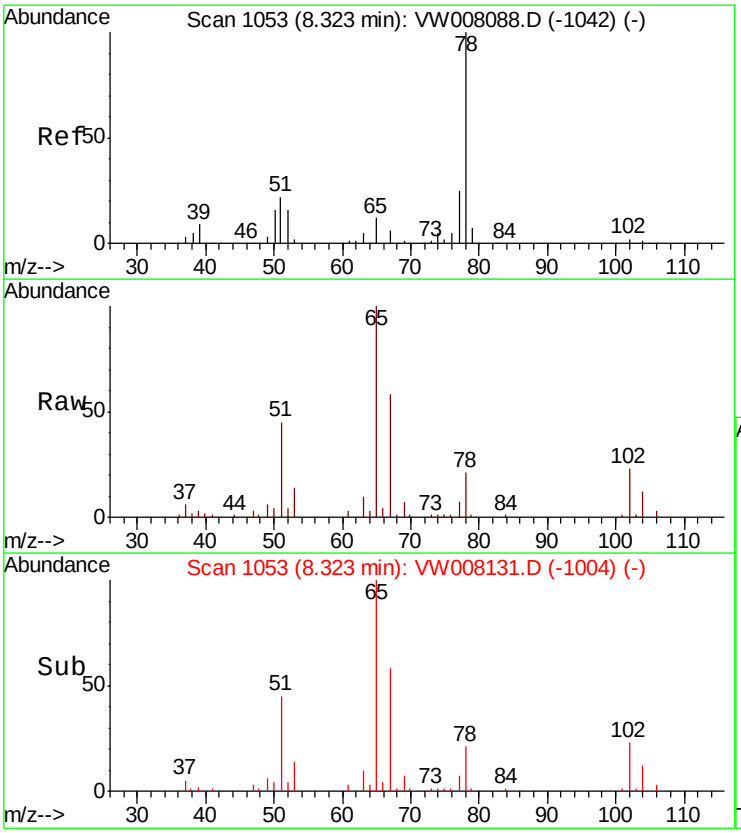
#38
Carbon Tetrachloride
Concen: 5.979 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion:117 Resp: 6838

Ion	Ratio	Lower	Upper
117	100		
119	7.1	75.8	113.8#
121	0.0	23.7	35.5#

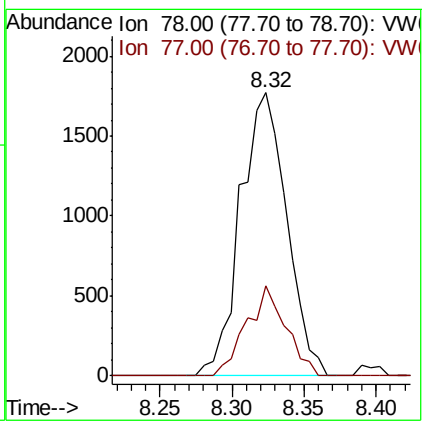


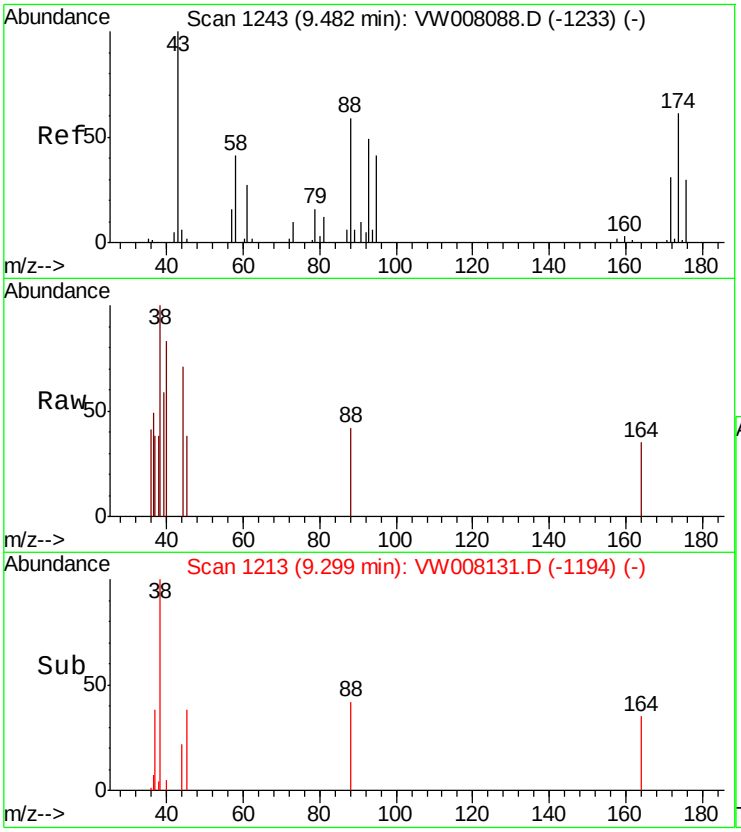


#40
Benzene
Concen: 1.164 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 78 Resp: 3944

Ion	Ratio	Lower	Upper
78	100		
77	31.7	20.2	30.4#



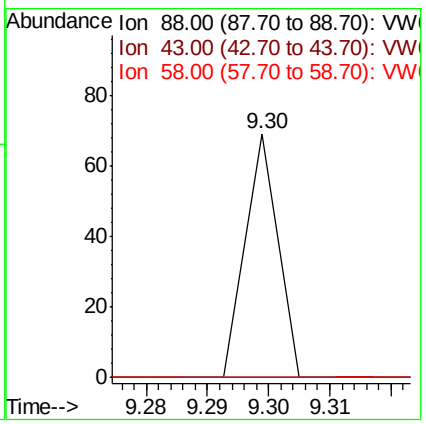


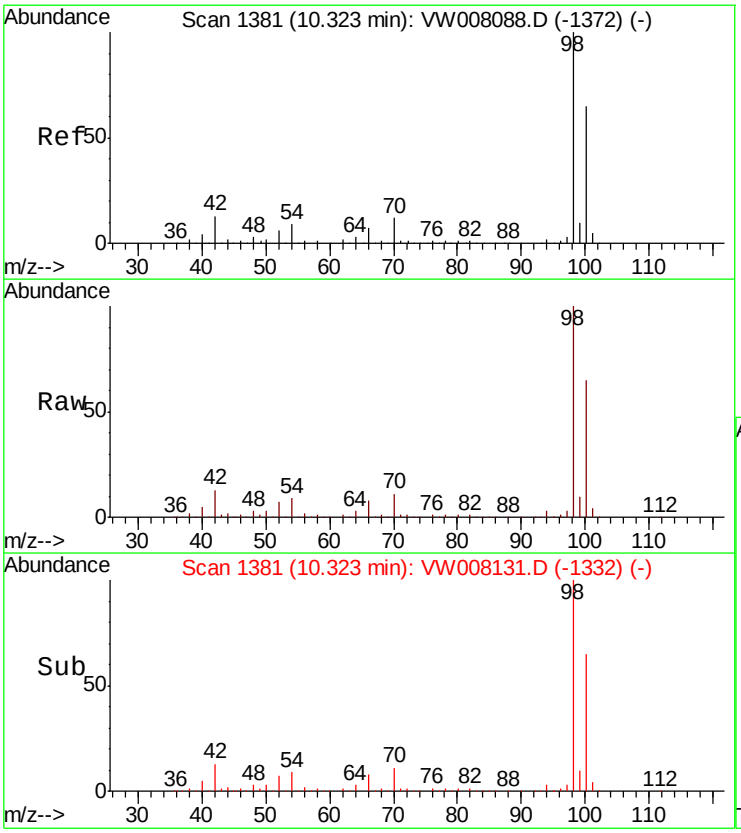
#49
1,4-Dioxane
Concen: 3.767 ug/l
RT: 9.30 min Scan# 1213
Delta R.T. -0.18 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 88 Resp: 25

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

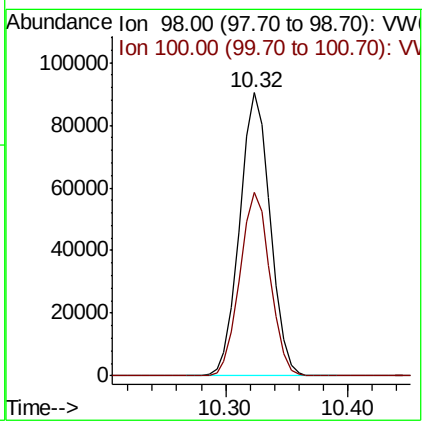


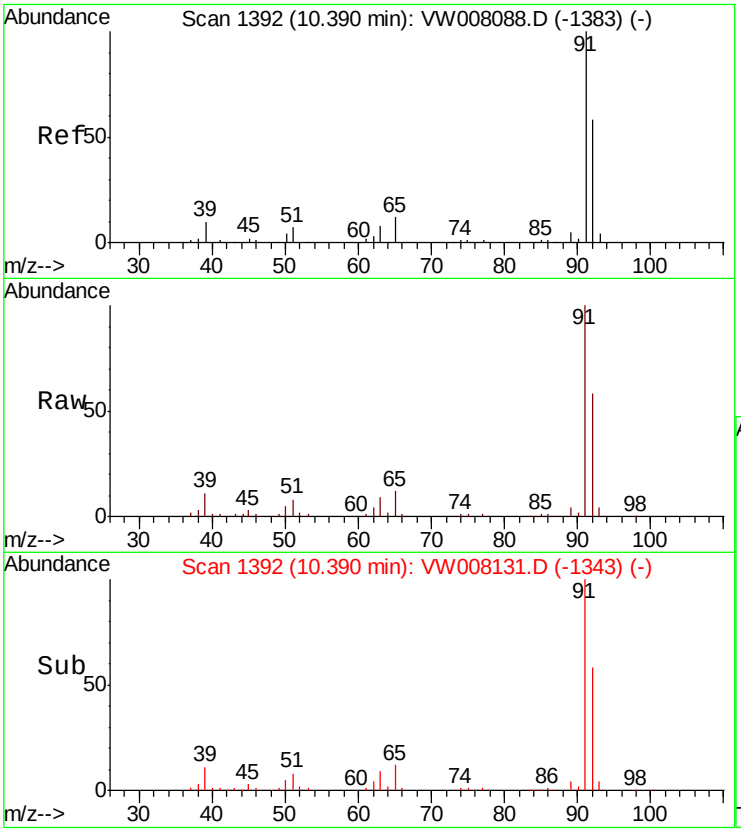


#50
Toluene-d8
Concen: 52.664 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 98 Resp: 156354

Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.7	77.5



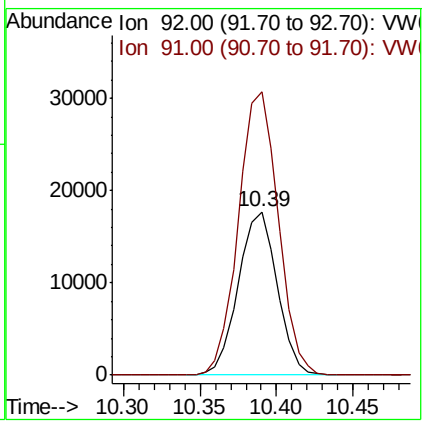


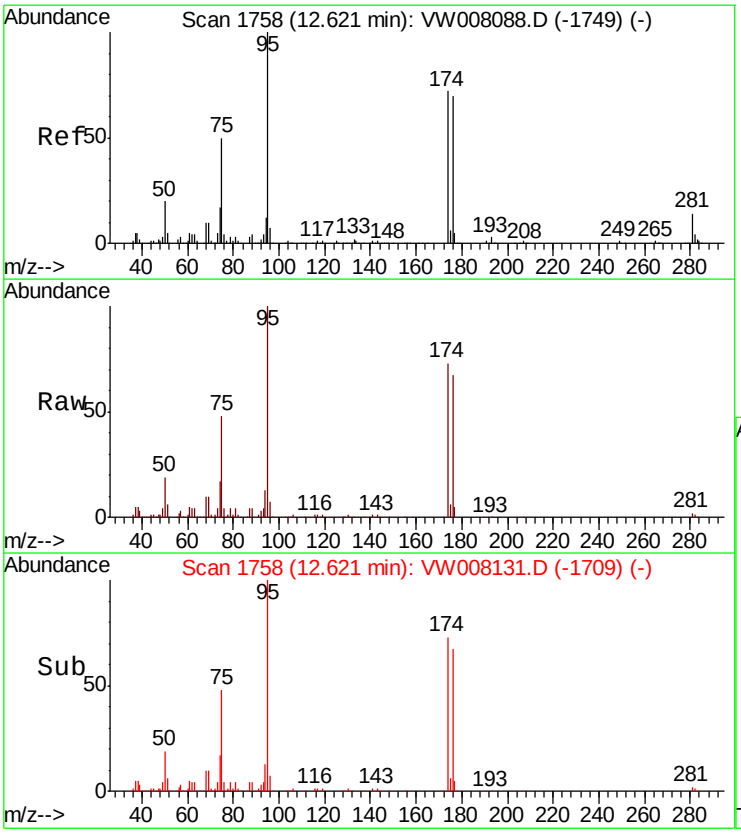
#52
Toluene
Concen: 14.477 ug/l
RT: 10.39 min Scan# 1392
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 92 Resp: 31334

Ion	Ratio	Lower	Upper
92	100		
91	177.4	137.0	205.4

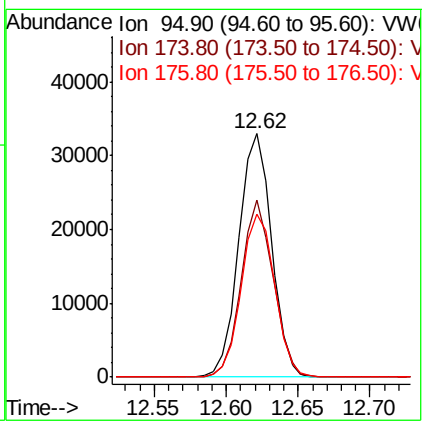


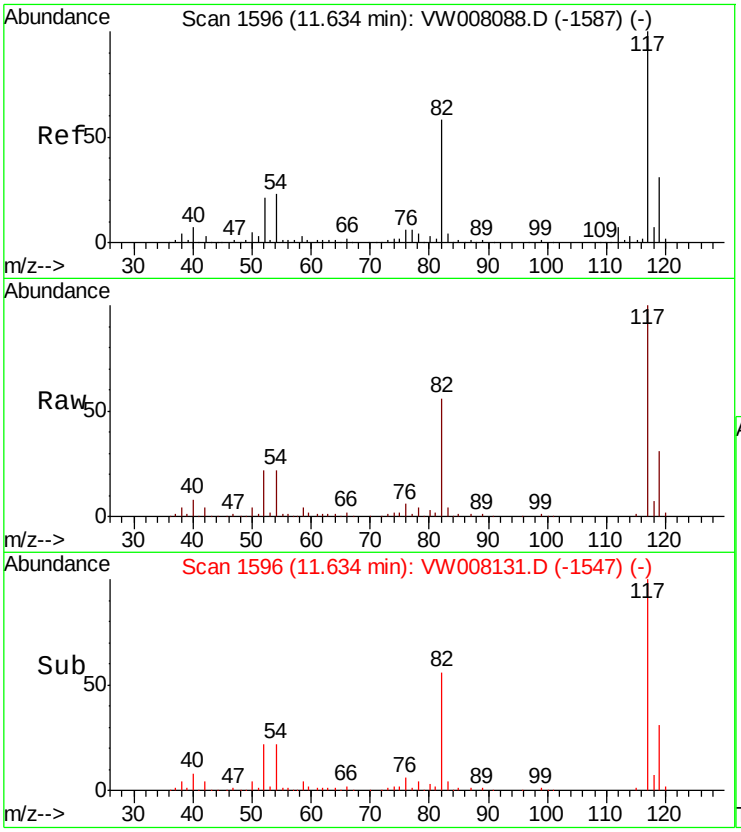


#62
4-Bromofluorobenzene
Concen: 48.884 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 95 Resp: 52030

Ion	Ratio	Lower	Upper
95	100		
174	70.7	0.0	143.0
176	68.3	0.0	140.2



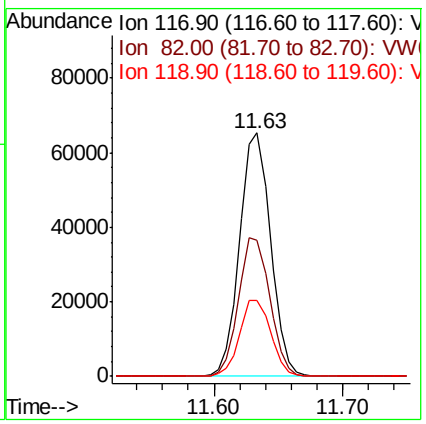


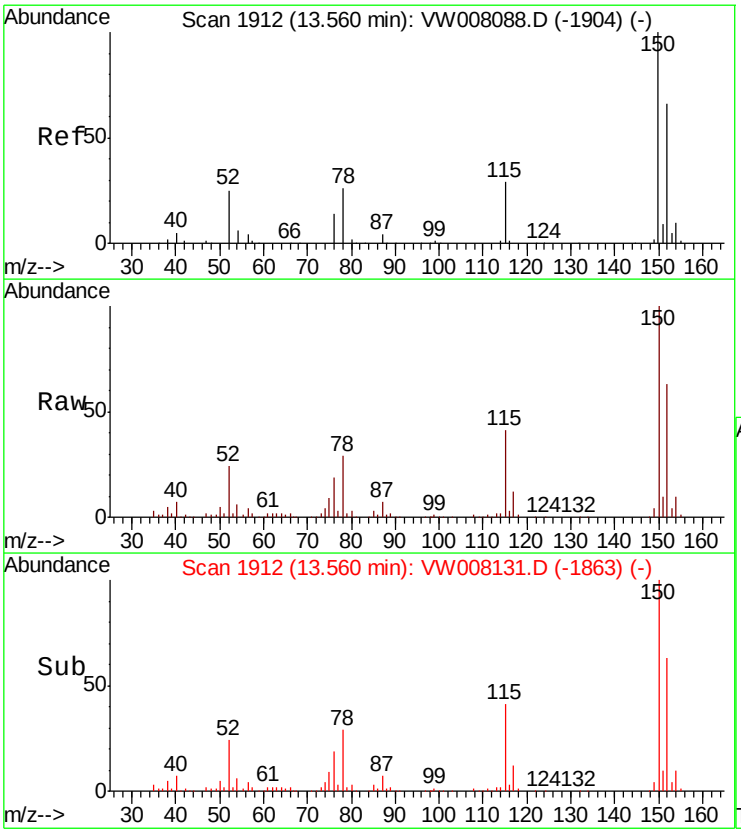
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion:117 Resp: 108437

Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.4	69.6
119	31.3	24.7	37.1

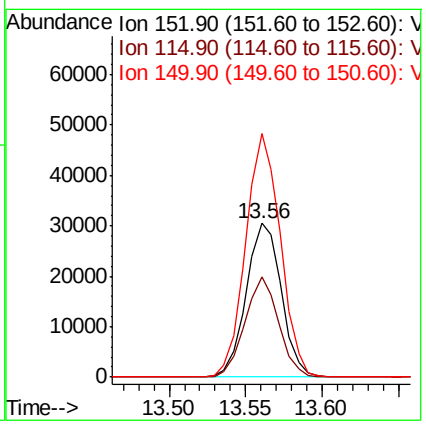


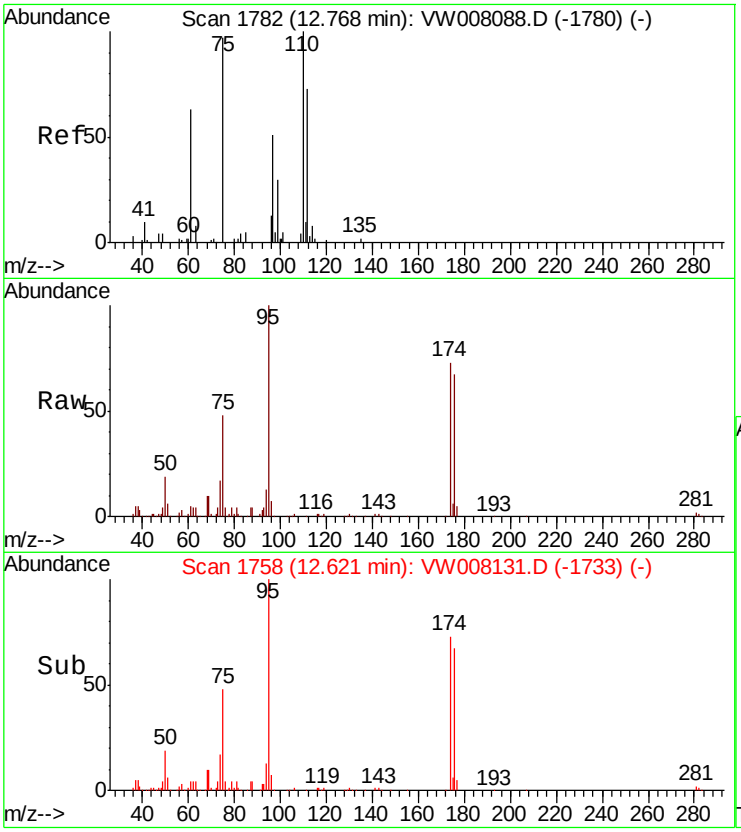


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion:152 Resp: 48672

Ion	Ratio	Lower	Upper
152	100		
115	62.3	30.8	92.4
150	156.2	0.0	350.2



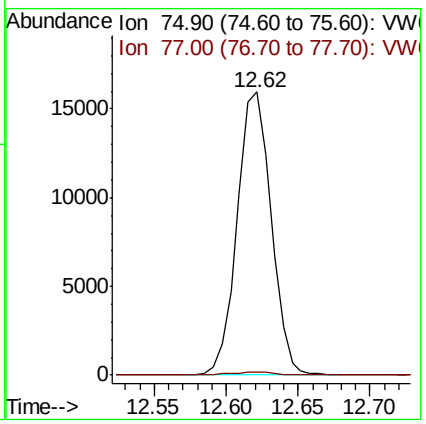


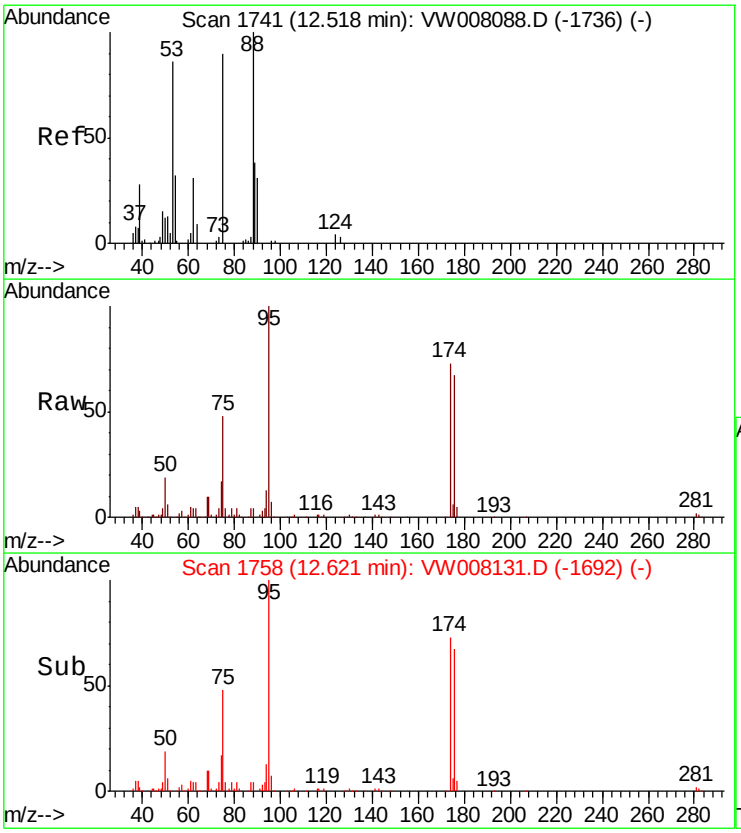
#76
1,2,3-Trichloropropane
Concen: 58.997 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Instrument :
MSVOA_W
ClientSampleId :
MH-448-10.0-11.0RE

Tgt Ion: 75 Resp: 26177

Ion	Ratio	Lower	Upper
75	100		
77	1.3	179.4	538.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 137.387 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008131.D
Acq: 10 Jan 2019 05:25

Tgt Ion: 75 Resp: 26177

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