Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
Data File : VW008891.D
Acq On : 28 Feb 2019 16:56
Operator : SY/VA
Sample : K1650-14
Misc : 4.67G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : B-7(3.5-4.5)

Quant Time: Mar 01 06:01:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	301399	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	440968	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	256822	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	54115	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	163066	57.68	ug/l	0.00
Spiked Amount 50.000			Recovery = 115.36%			
35) Dibromofluoromethane	7.88	113	147015	55.53	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.06%			
50) Toluene-d8	10.32	98	475983	46.57	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.14%			
62) 4-Bromofluorobenzene	12.62	95	82038	20.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 41.00%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.12	59	8251	32.786	ug/l #	72
13) Acrolein	3.88	56	20	19.849	ug/l #	14
16) Acetone	4.13	43	37619	57.412	ug/l	96
20) Methylene Chloride	4.92	84	16310	Below Cal		97
25) 2-Butanone	7.15	43	7723	8.431	ug/l #	85
26) 2,2-Dichloropropane	7.15	77	5475	1.145	ug/l #	54
29) Tetrahydrofuran	7.54	42	2415	4.137	ug/l #	69
30) Chloroform	7.68	83	8389	1.553	ug/l #	77
31) Cyclohexane	7.95	56	10887	2.043	ug/l #	65
36) 1,1-Dichloropropene	7.95	75	21958	5.115	ug/l #	53
37) Ethyl Acetate	7.15	43	7723	3.869	ug/l #	41
38) Carbon Tetrachloride	7.95	117	29370	6.488	ug/l #	16
49) 1,4-Dioxane	9.70	88	26	1.008	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	44130	98.771	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	44130	240.120	ug/l #	6

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

Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW022819\
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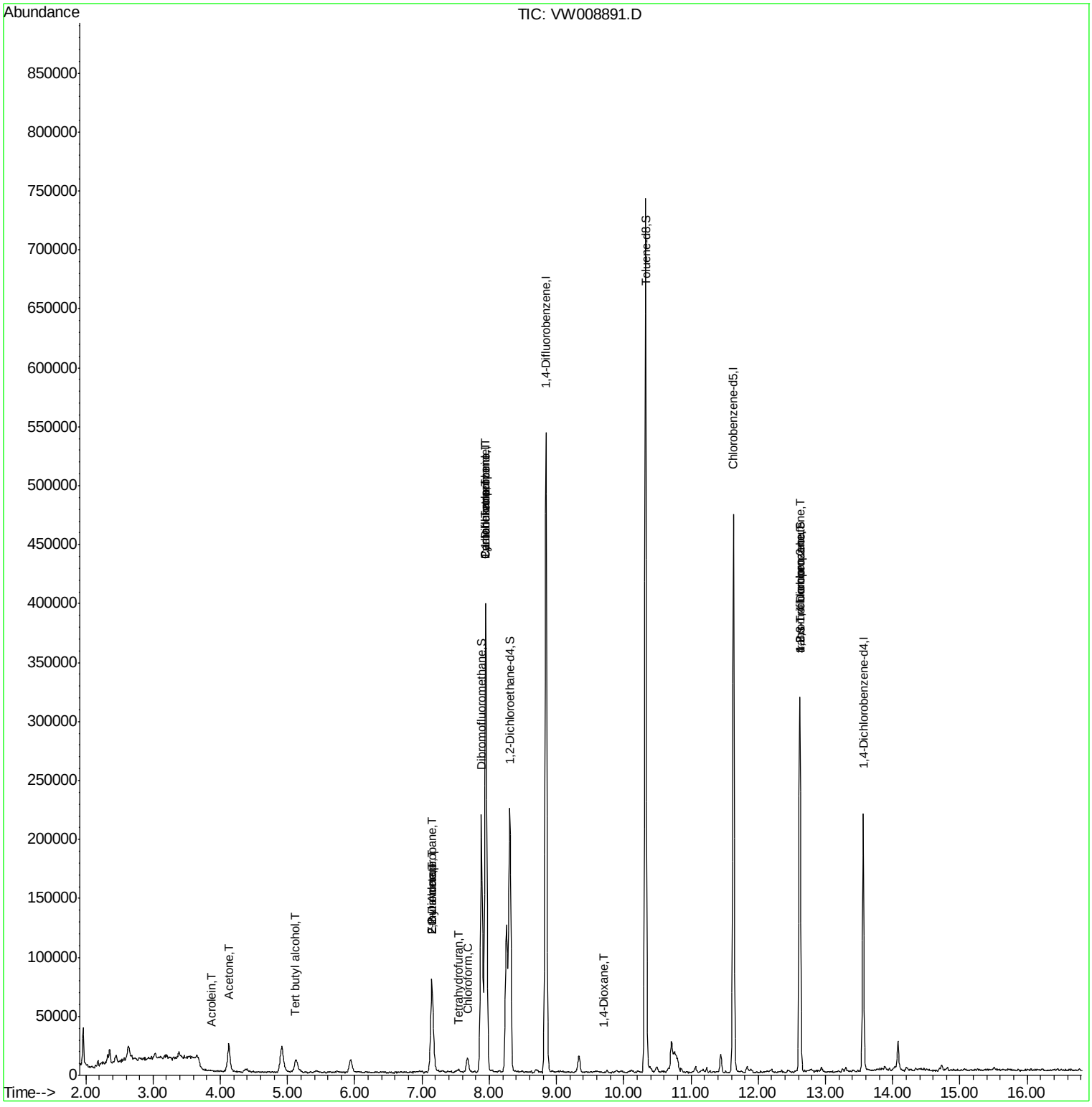
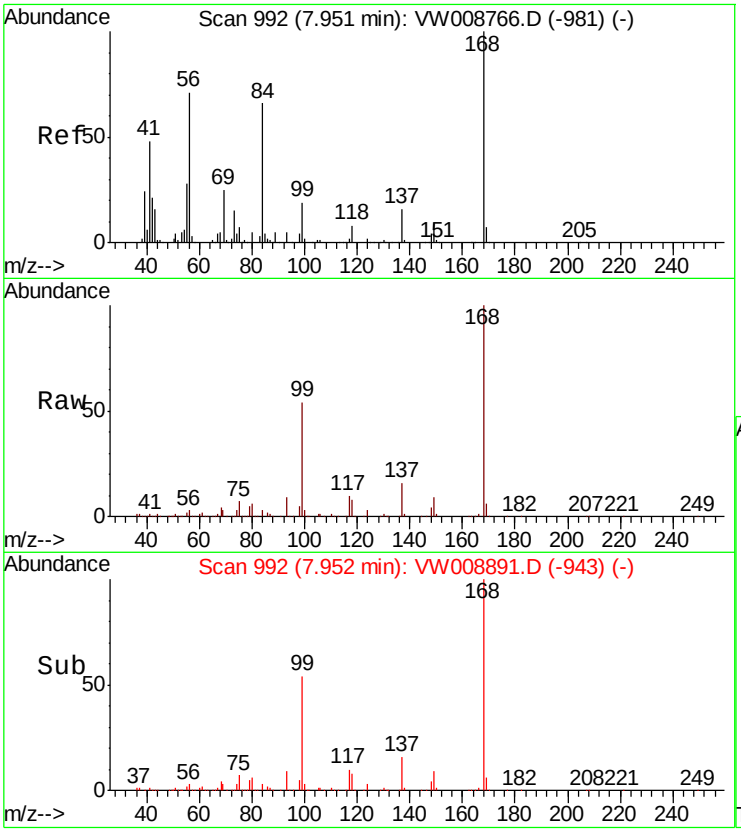
Misc : 4.67G/5ML/MSVOA W/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Quant Time: Mar 01 06:01:31 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W022119S.M
Quant Title : SW846 8260
QLast Update : Fri Feb 22 00:38:32 2019
Response via : Initial Calibration



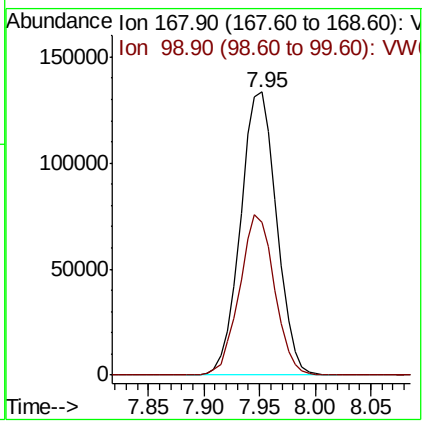


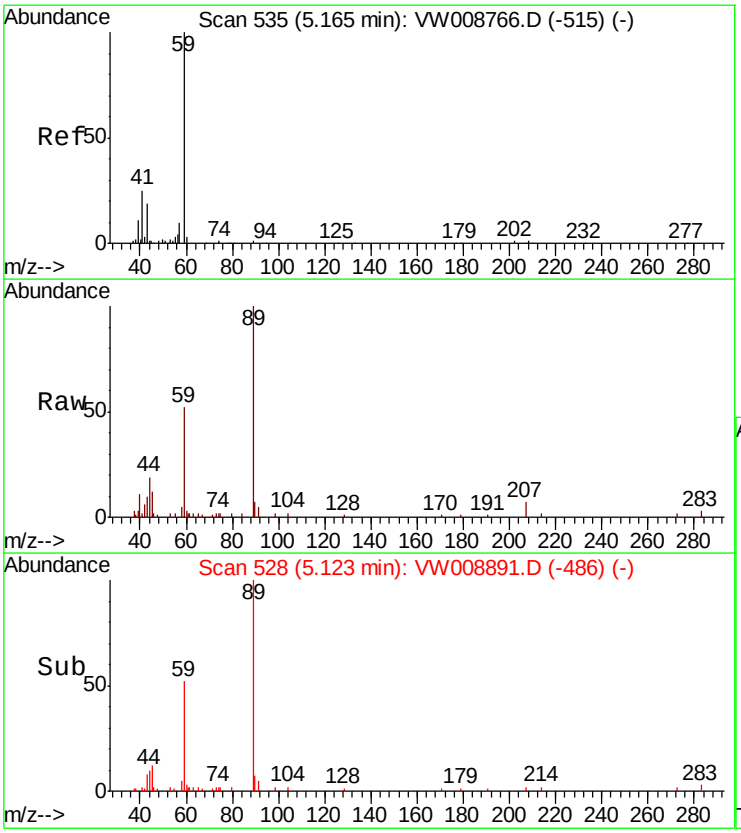
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion:168 Resp: 301399

Ion	Ratio	Lower	Upper
168	100		
99	53.9	42.2	63.2

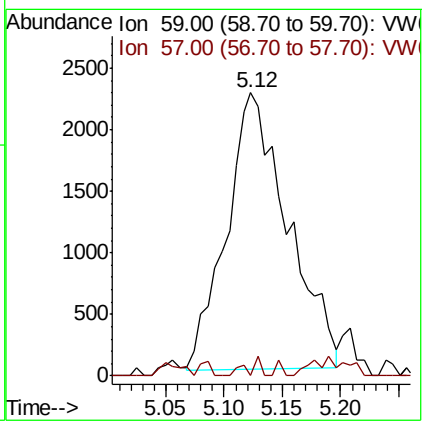


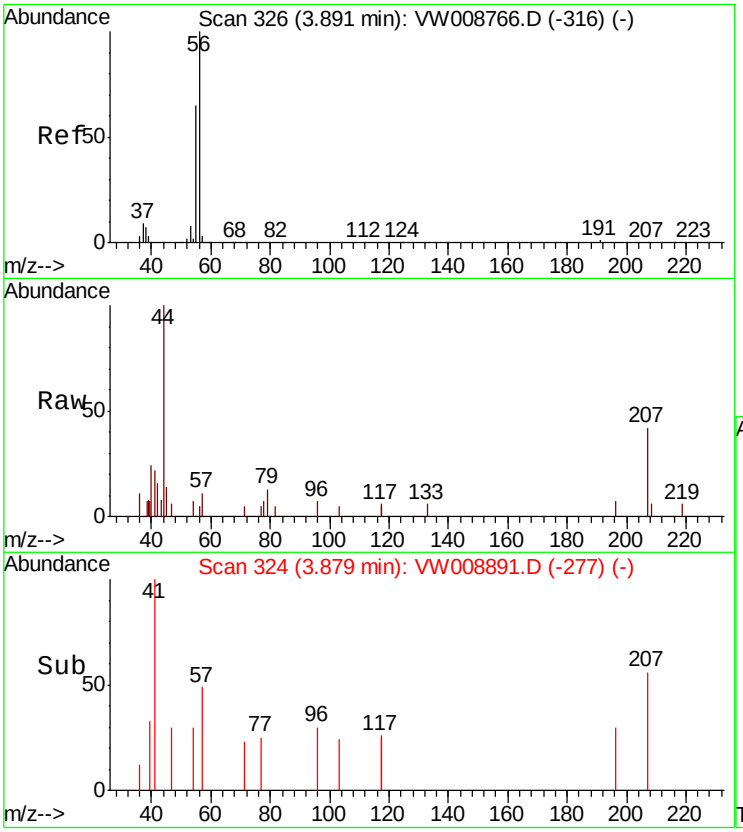


#11
Tert butyl alcohol
Concen: 32.786 ug/l
RT: 5.12 min Scan# 528
Delta R.T. -0.04 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 59 Resp: 8251

Ion	Ratio	Lower	Upper
59	100		
57	0.7	9.3	13.9#



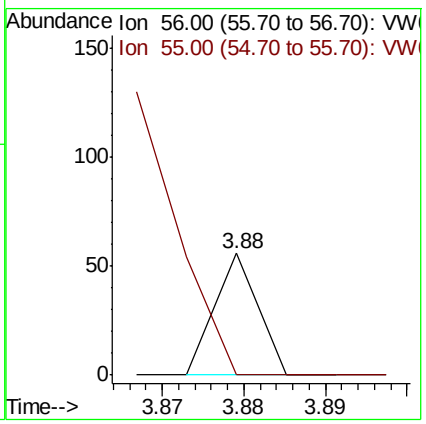


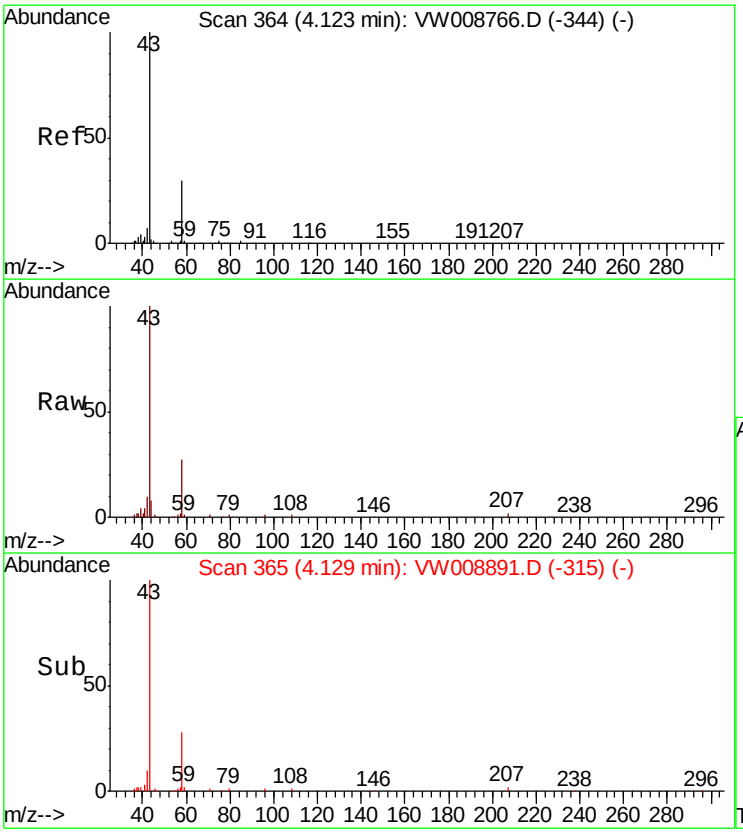
#13
Acrolein
Concen: 19.849 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion: 56 Resp: 20

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.9	85.3#

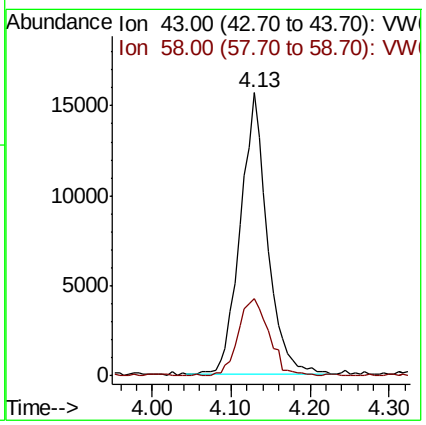


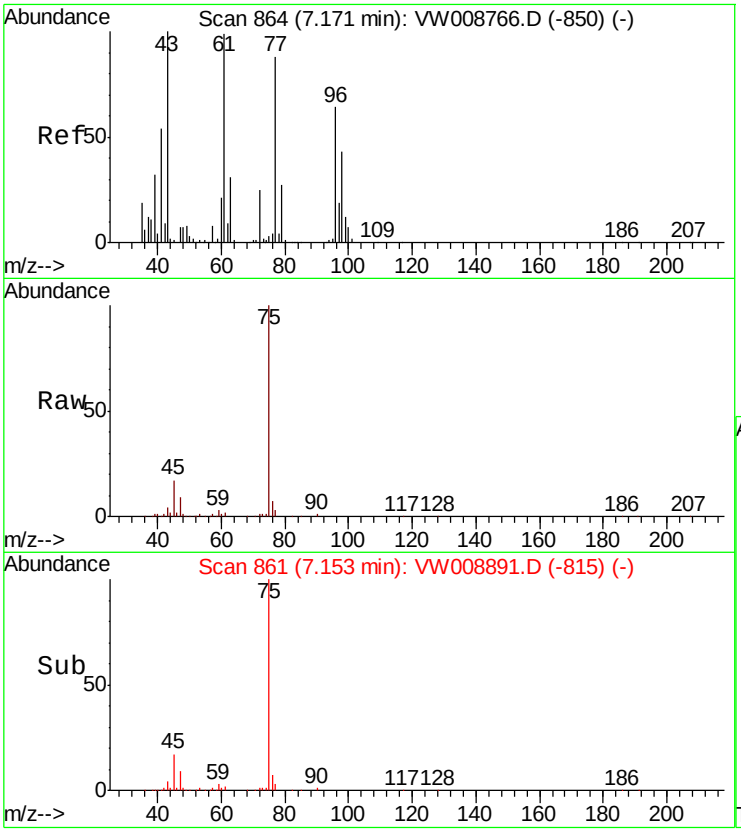


#16
Acetone
Concen: 57.412 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 43 Resp: 37619

Ion	Ratio	Lower	Upper
43	100		
58	27.3	23.8	35.6



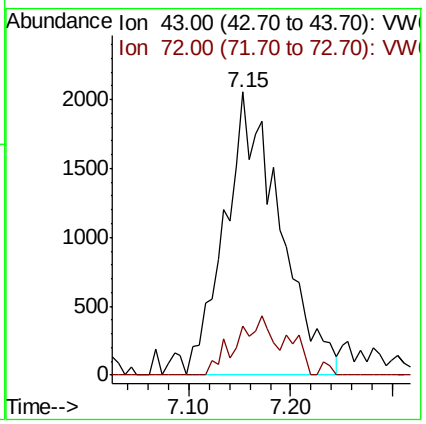


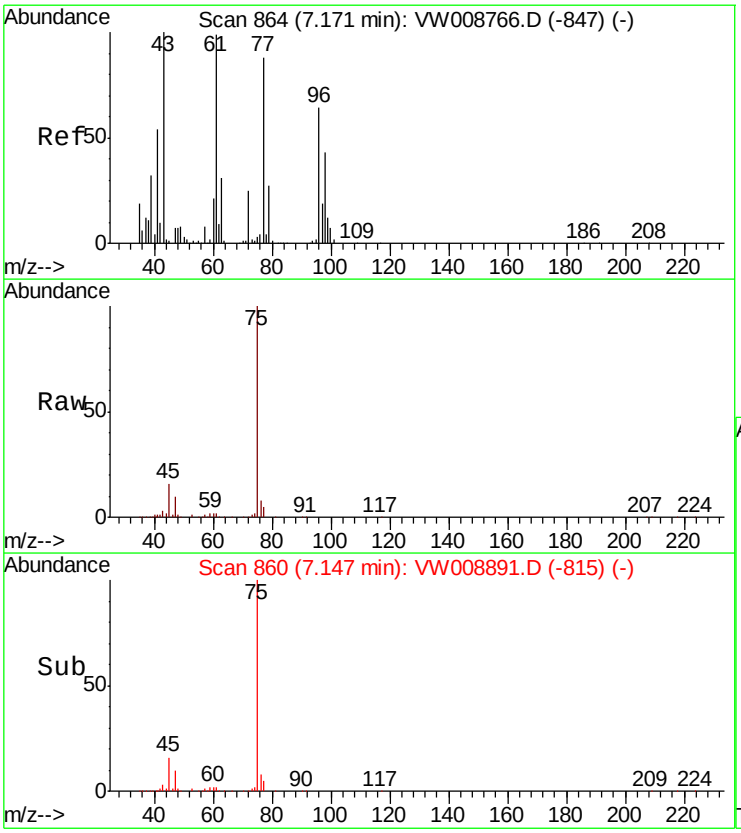
#25
2-Butanone
Concen: 8.431 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.02 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion: 43 Resp: 7723

Ion	Ratio	Lower	Upper
43	100		
72	17.4	19.7	29.5#

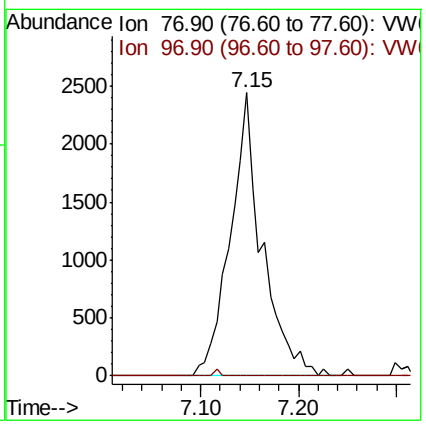


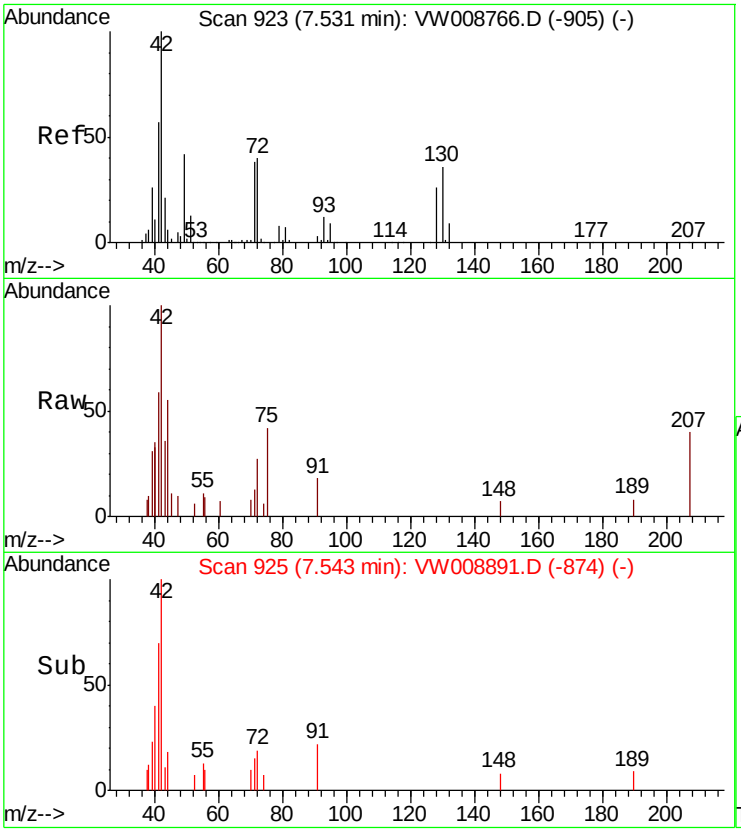


#26
2,2-Dichloropropane
Concen: 1.145 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 77 Resp: 5475

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.0	33.0#



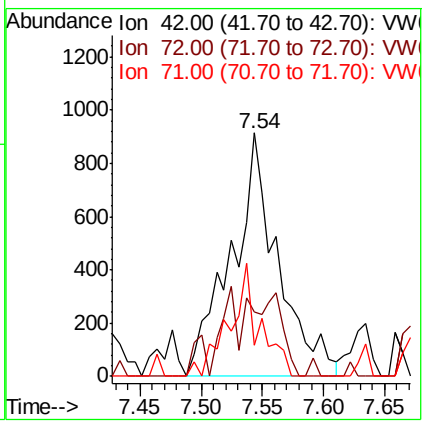


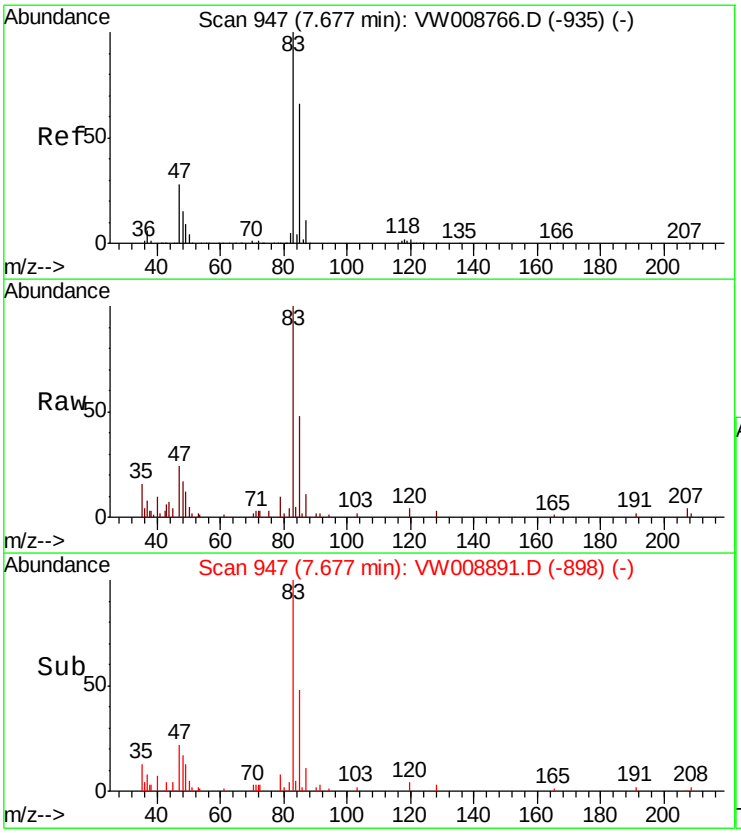
#29
Tetrahydrofuran
Concen: 4.137 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.01 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion: 42 Resp: 2415

Ion	Ratio	Lower	Upper
42	100		
72	12.1	32.7	49.1#
71	30.0	31.3	46.9#

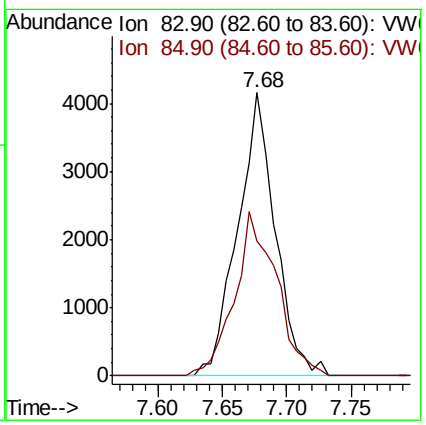


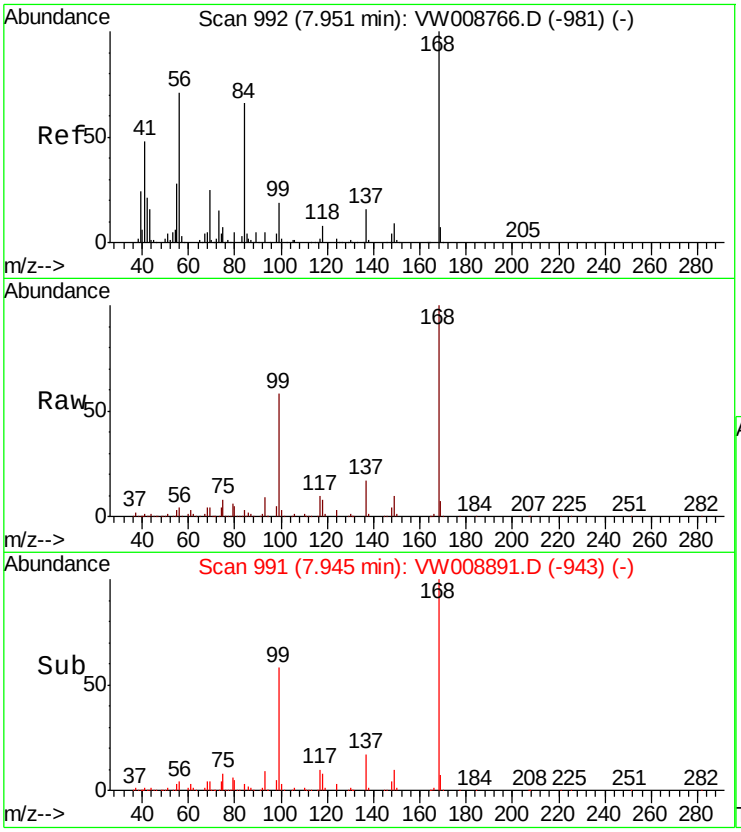


#30
Chloroform
Concen: 1.553 ug/l
RT: 7.68 min Scan# 947
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 83 Resp: 8389

Ion	Ratio	Lower	Upper
83	100		
85	47.7	52.6	79.0#



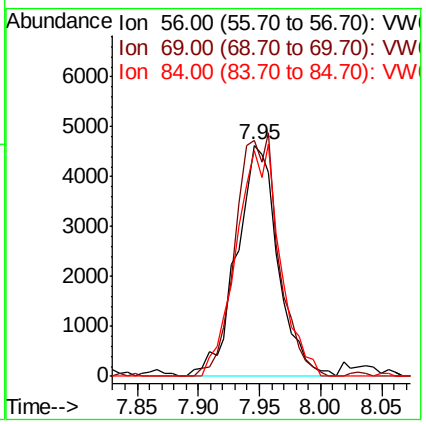


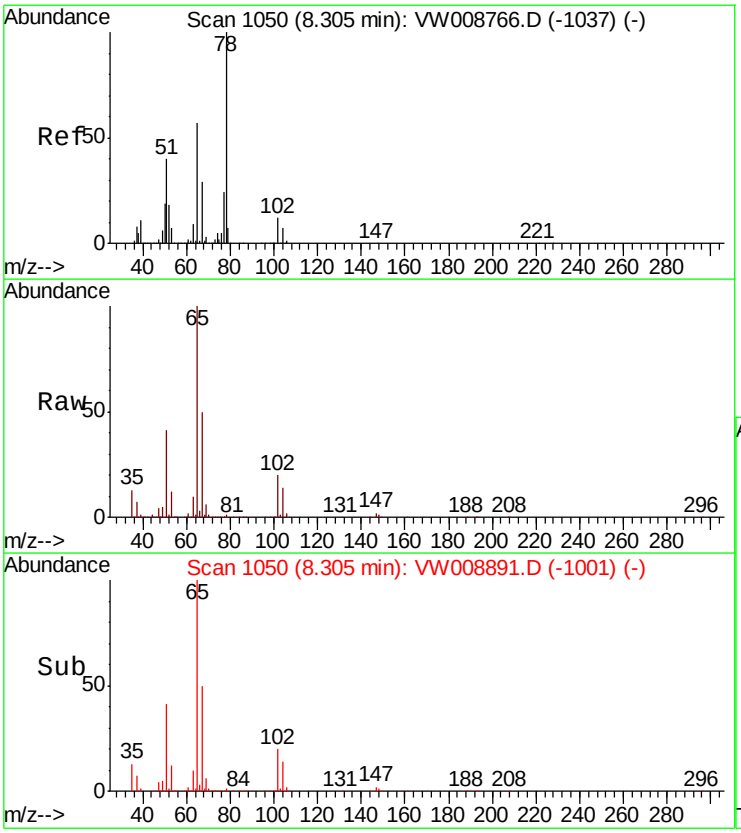
#31
Cyclohexane
Concen: 2.043 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument : MSVOA_W
ClientSampleId : B-7(3.5-4.5)

Tgt Ion: 56 Resp: 10887

Ion	Ratio	Lower	Upper
56	100		
69	102.0	28.2	42.4#
84	97.5	74.1	111.1

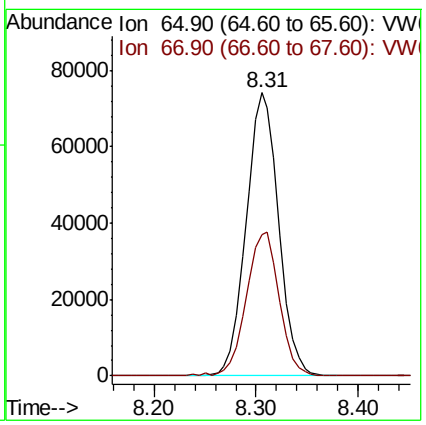


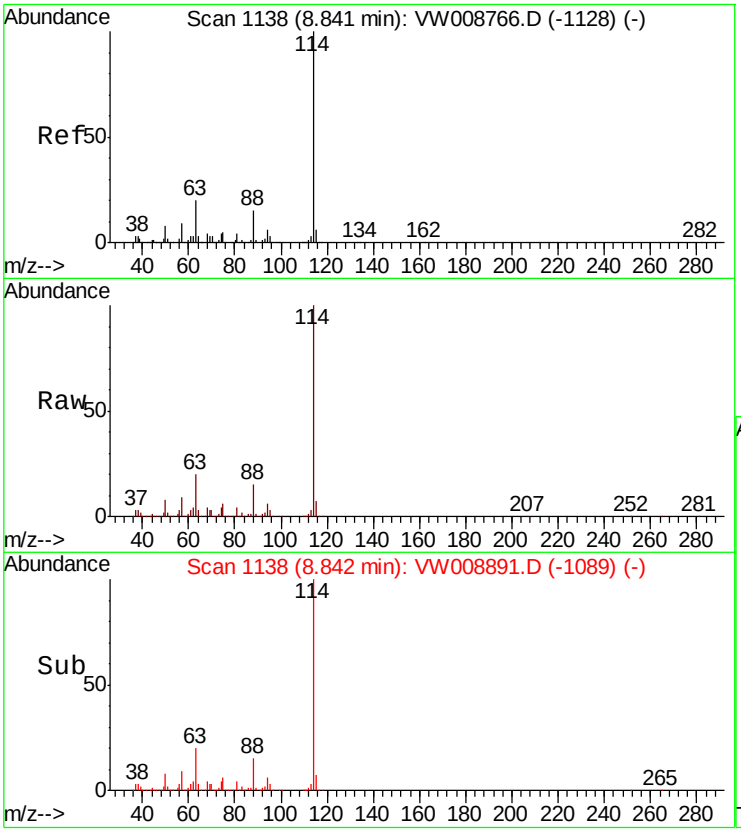


#33
1,2-Dichloroethane-d4
Concen: 57.685 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 65 Resp: 163066

Ion	Ratio	Lower	Upper
65	100		
67	52.2	0.0	101.4



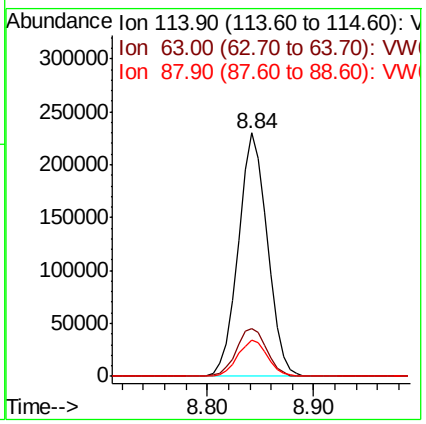


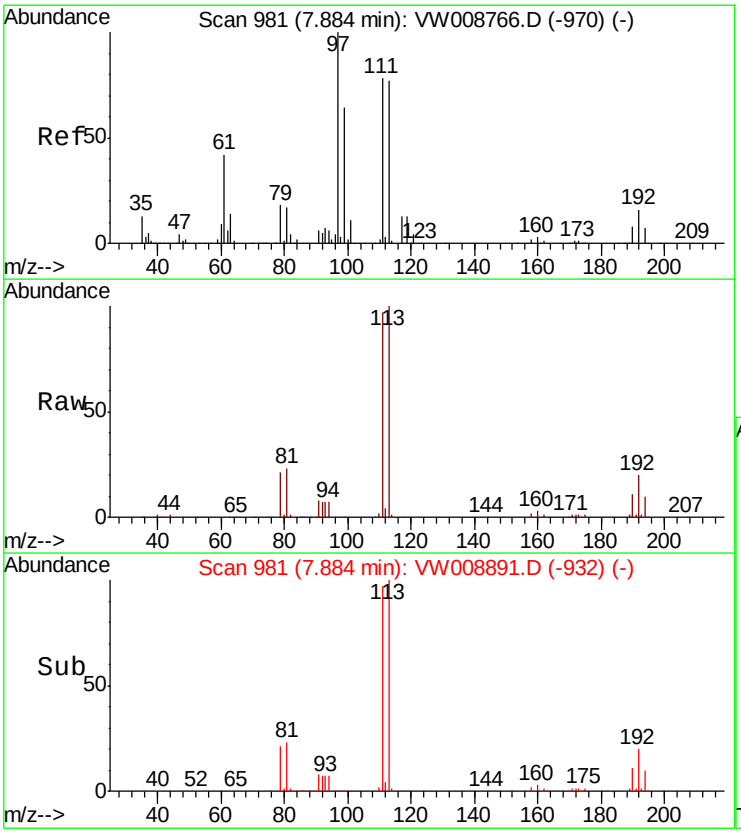
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion:114 Resp: 440968

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.8
88	15.0	0.0	30.4

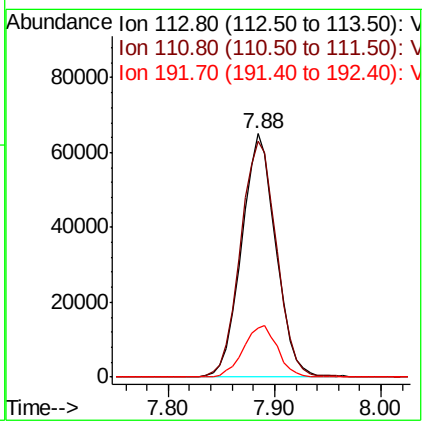


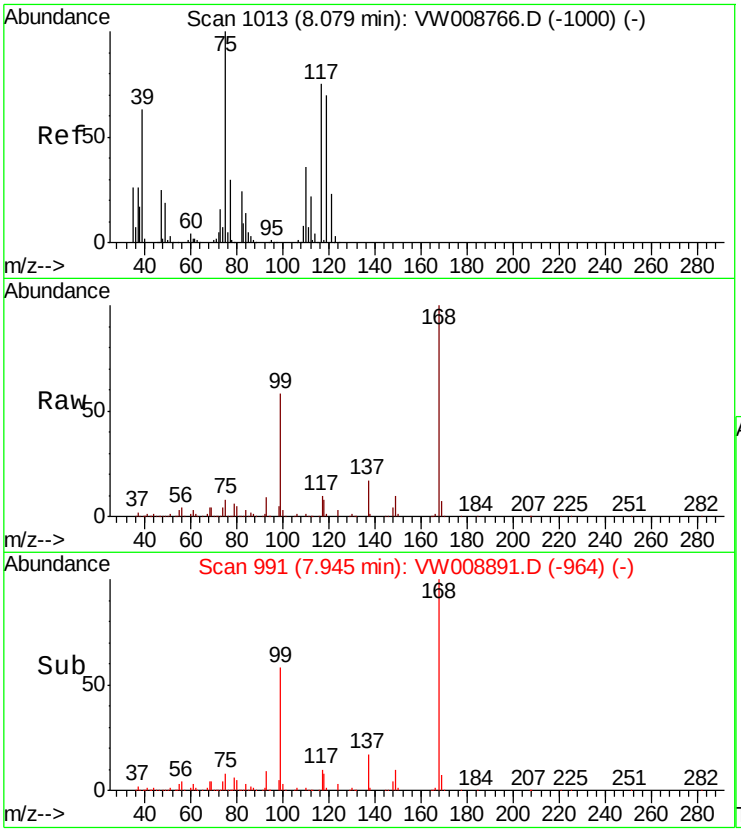


#35
Dibromofluoromethane
Concen: 55.527 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion:113 Resp: 147015

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.1	17.1	25.7



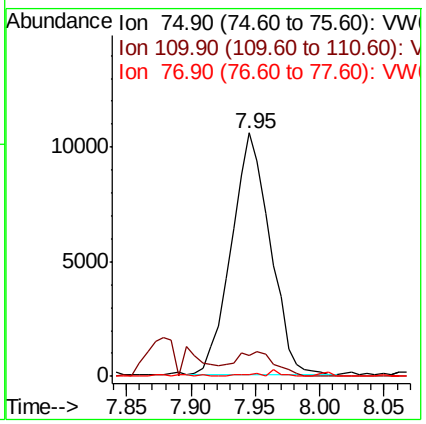


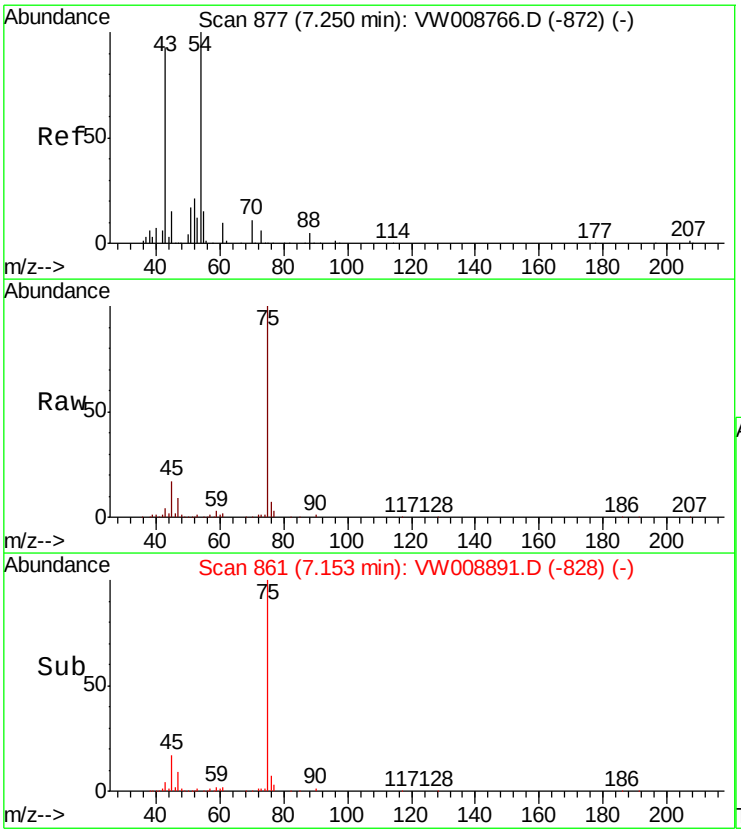
#36
1,1-Dichloropropene
Concen: 5.115 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument : MSVOA_W
ClientSampleId : B-7(3.5-4.5)

Tgt Ion: 75 Resp: 21958

Ion	Ratio	Lower	Upper
75	100		
110	10.7	17.5	52.6#
77	1.3	24.5	36.7#

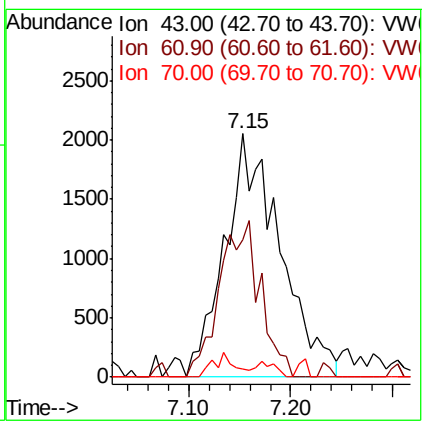


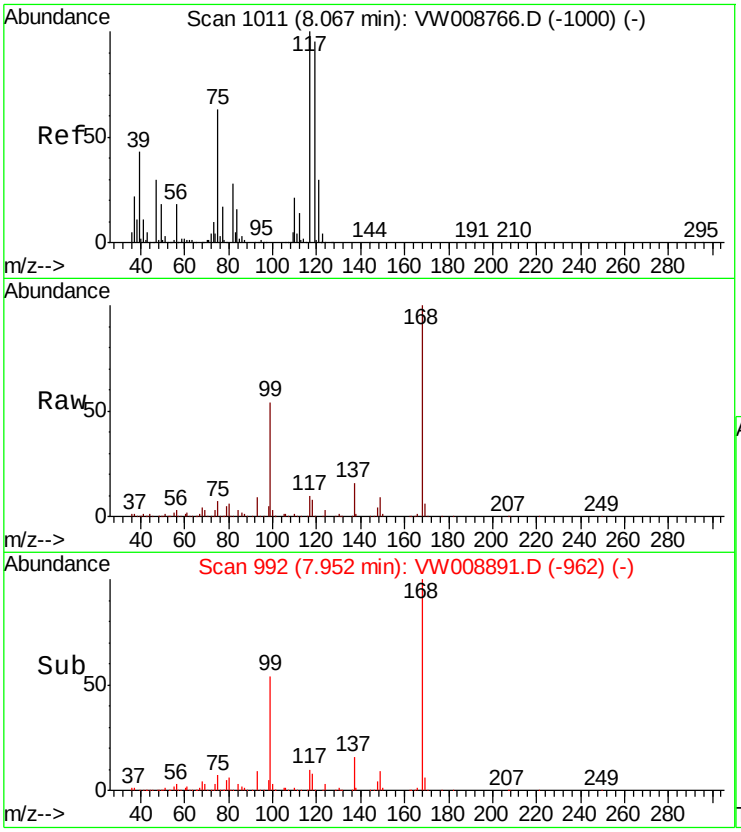


#37
Ethyl Acetate
Concen: 3.869 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.10 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 43 Resp: 7723

Ion	Ratio	Lower	Upper
43	100		
61	47.4	9.8	14.8#
70	2.2	8.4	12.6#



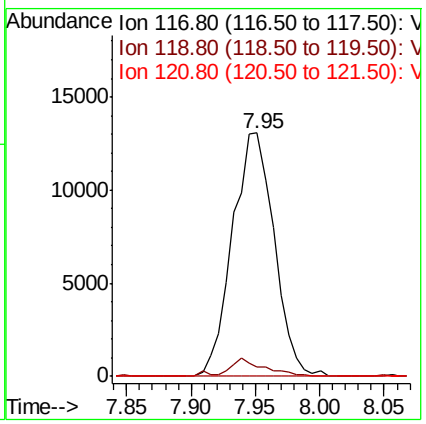


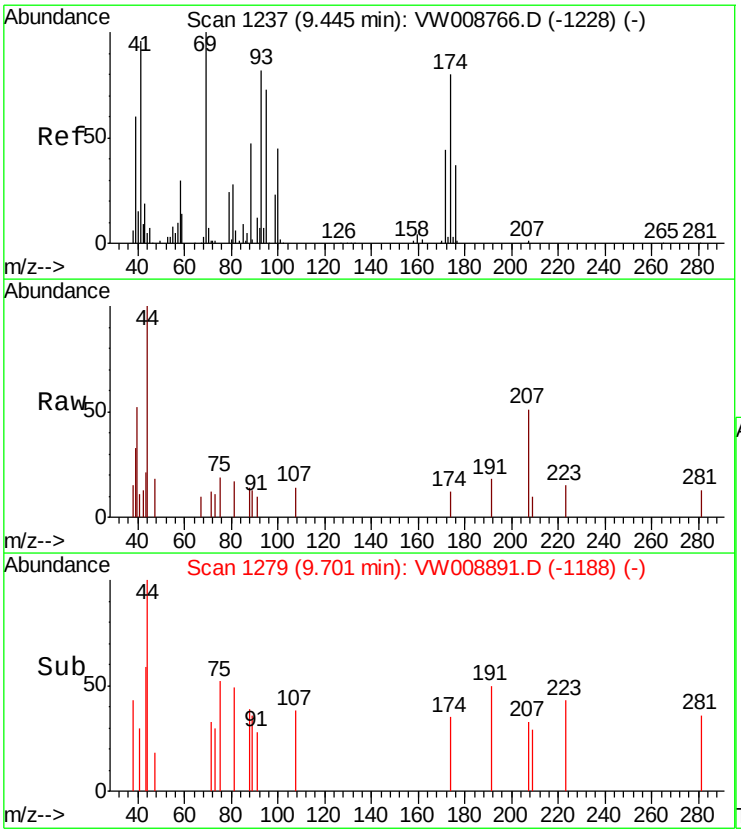
#38
Carbon Tetrachloride
Concen: 6.488 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.12 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument : MSVOA_W
ClientSampleId : B-7(3.5-4.5)

Tgt Ion:117 Resp: 29370

Ion	Ratio	Lower	Upper
117	100		
119	4.1	76.1	114.1#
121	0.0	24.0	36.0#

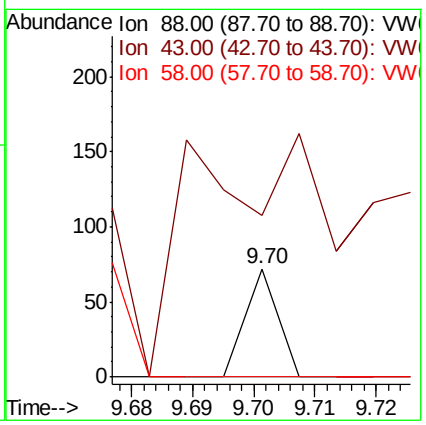


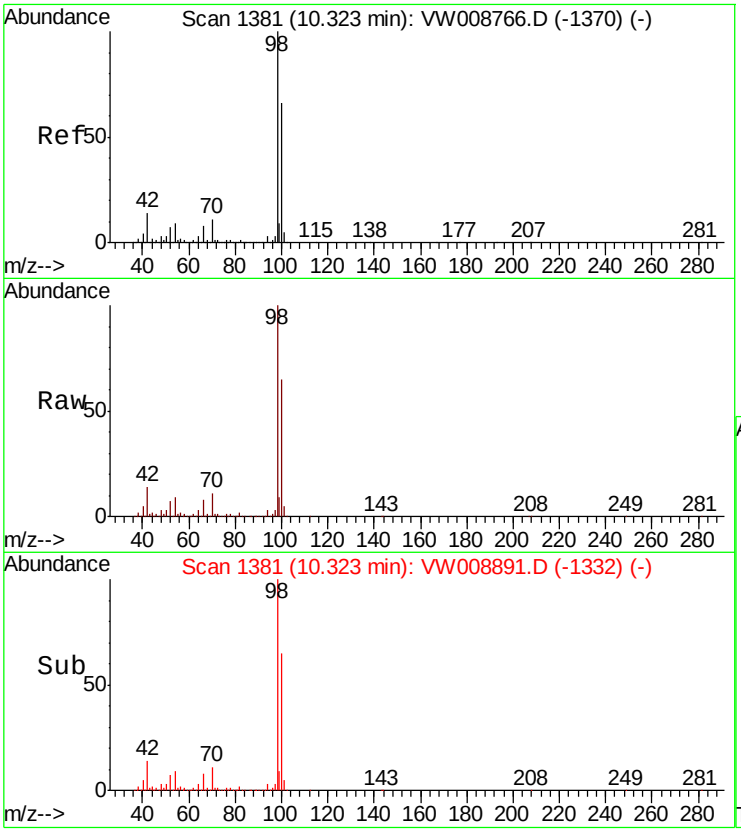


#49
1,4-Dioxane
Concen: 1.008 ug/l
RT: 9.70 min Scan# 1279
Delta R.T. 0.26 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 88 Resp: 26

Ion	Ratio	Lower	Upper
88	100		
43	707.7	29.0	43.4#
58	0.0	52.0	78.0#



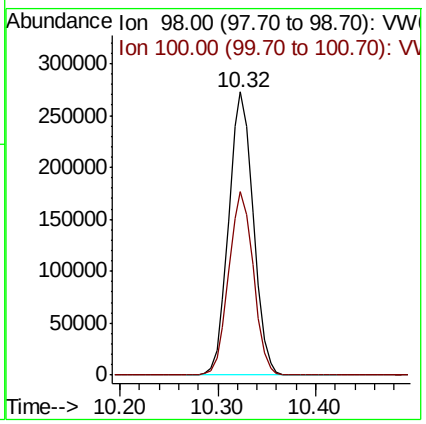


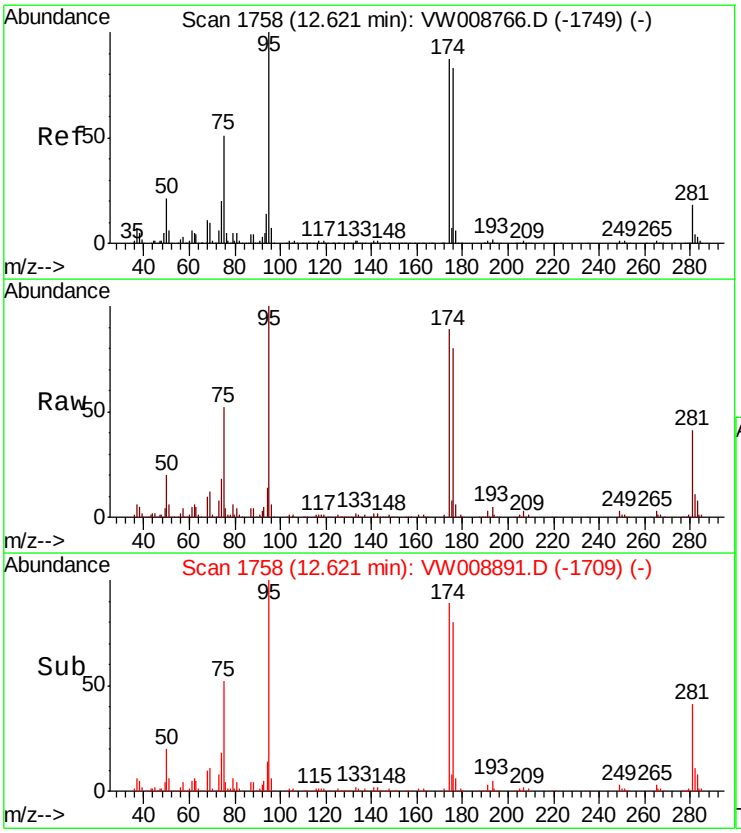
#50
Toluene-d8
Concen: 46.571 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion: 98 Resp: 475983

Ion	Ratio	Lower	Upper
98	100		
100	64.9	52.4	78.6

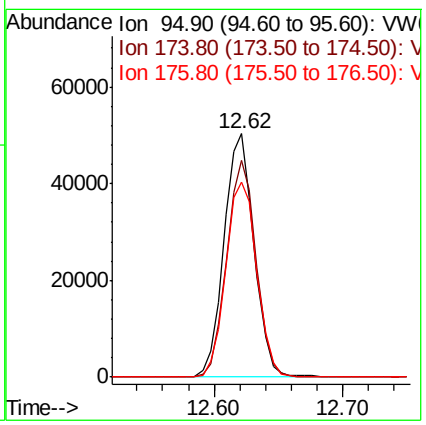


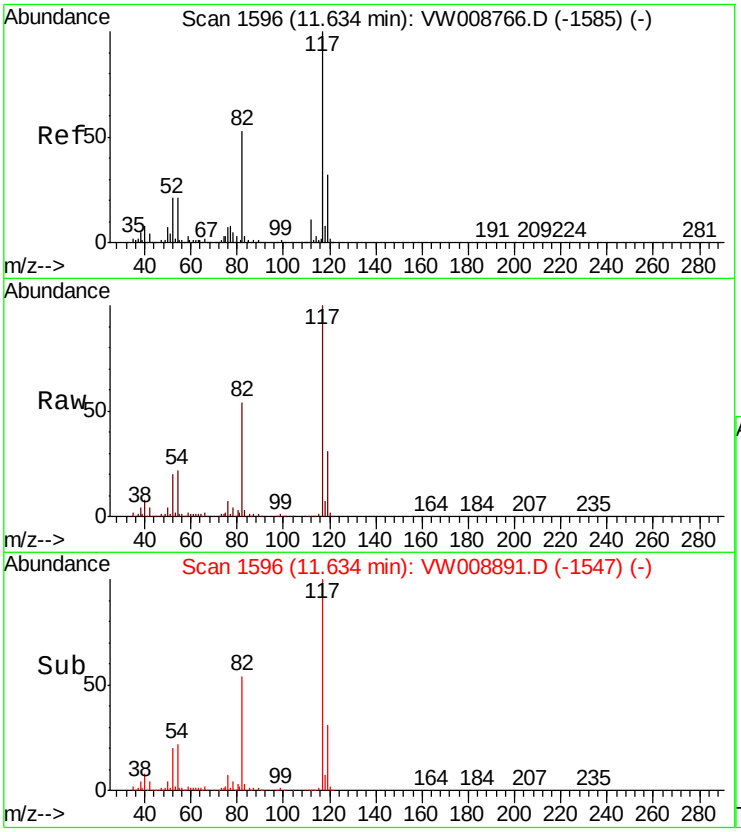


#62
4-Bromofluorobenzene
Concen: 20.500 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 95 Resp: 82038

Ion	Ratio	Lower	Upper
95	100		
174	87.0	0.0	169.2
176	82.5	0.0	163.6



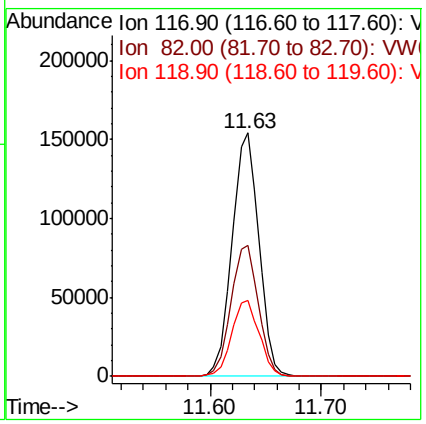


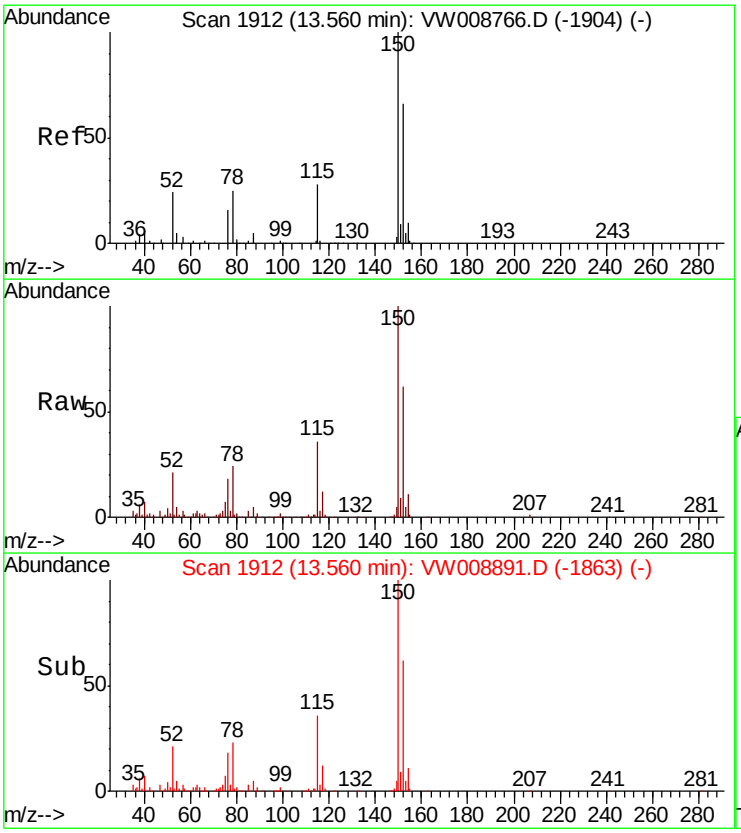
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument : MSVOA_W
ClientSampleId : B-7(3.5-4.5)

Tgt Ion:117 Resp: 256822

Ion	Ratio	Lower	Upper
117	100		
82	54.0	42.2	63.4
119	31.3	25.9	38.9

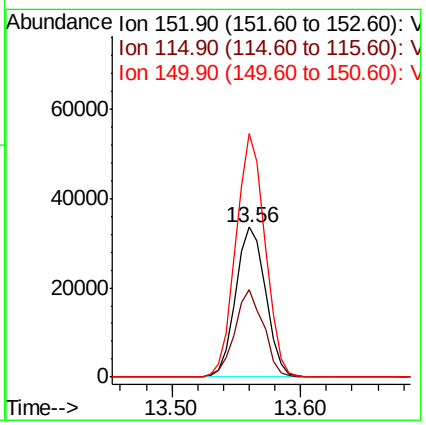


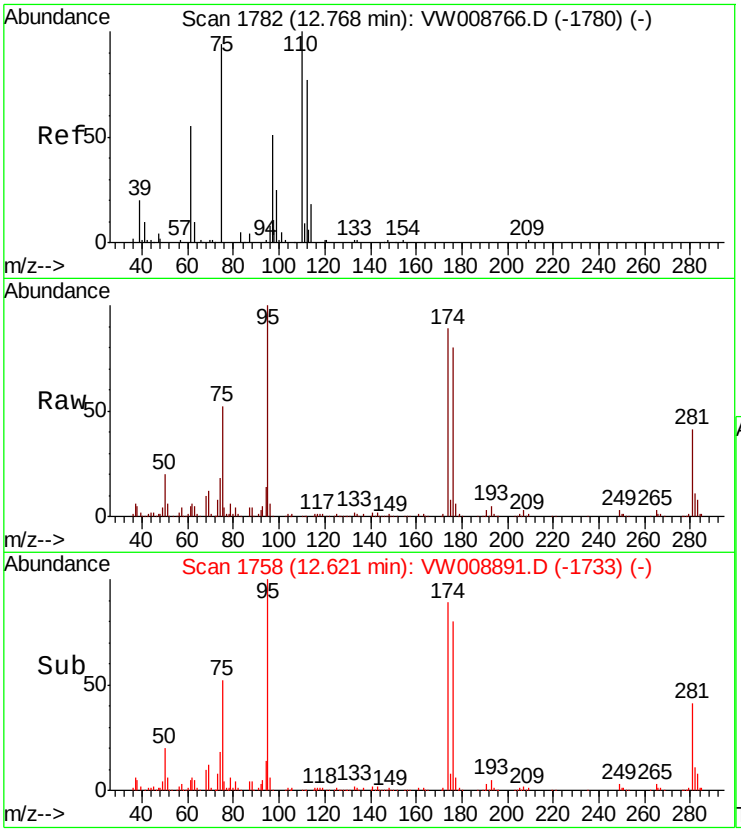


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion:152 Resp: 54115

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.6	85.8
150	157.8	0.0	348.0



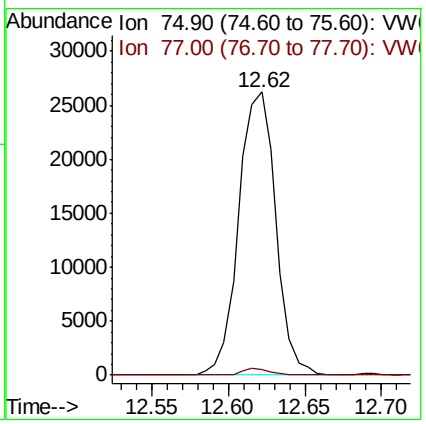


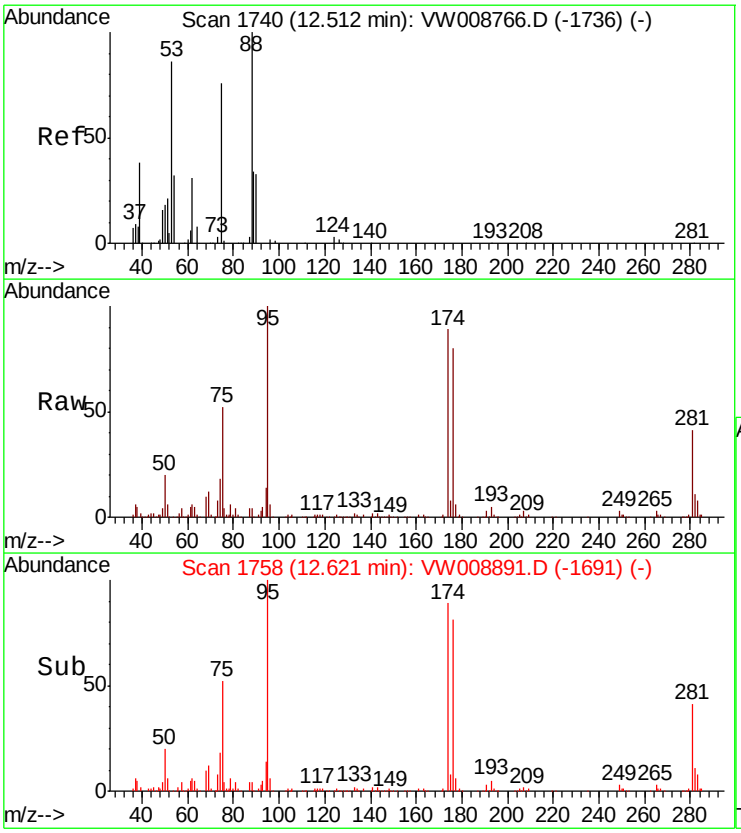
#76
1,2,3-Trichloropropane
Concen: 98.771 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Instrument :
MSVOA_W
ClientSampleId :
B-7(3.5-4.5)

Tgt Ion: 75 Resp: 44130

Ion	Ratio	Lower	Upper
75	100		
77	1.8	0.0	0.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 240.120 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008891.D
Acq: 28 Feb 2019 16:56

Tgt Ion: 75 Resp: 44130

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.2	132.2#
89	0.5	39.5	59.3#