Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\

Quantitation Report (Not Reviewed)

Data File : VW008338.D
Acq On : 17 Jan 2019 19:45
Operator : SY/VA
Sample : K1191-07
Misc : 9.06G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : SITE4-06

Quant Time: Jan 18 01:10:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	100751	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	176746	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	165034	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	78941	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	59570	56.84	ug/l	0.00
Spiked Amount 50.000			Recovery = 113.68%			
35) Dibromofluoromethane	7.88	113	58720	52.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 104.10%			
50) Toluene-d8	10.32	98	222446	50.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.38%			
62) 4-Bromofluorobenzene	12.62	95	77754	48.91	ug/l	0.00
Spiked Amount 50.000			Recovery = 97.82%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.17	59	8822	125.019	ug/l #	82
13) Acrolein	3.88	56	64	8.619	ug/l #	1
16) Acetone	4.11	43	34523	141.840	ug/l	98
18) Methyl Acetate	4.67	43	1491	2.293	ug/l #	74
20) Methylene Chloride	4.90	84	1181	Below Cal	#	72
25) 2-Butanone	7.18	43	2949	9.460	ug/l #	75
29) Tetrahydrofuran	7.54	42	238	1.225	ug/l #	34
31) Cyclohexane	7.94	56	2411	1.232	ug/l #	42
36) 1,1-Dichloropropene	7.95	75	7838	4.408	ug/l #	51
38) Carbon Tetrachloride	7.94	117	9696	5.522	ug/l #	18
49) 1,4-Dioxane	9.44	88	67	6.382	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	36942	51.388	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	36942	122.634	ug/l #	12
95) Naphthalene	15.38	128	13555	6.594	ug/l	98

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

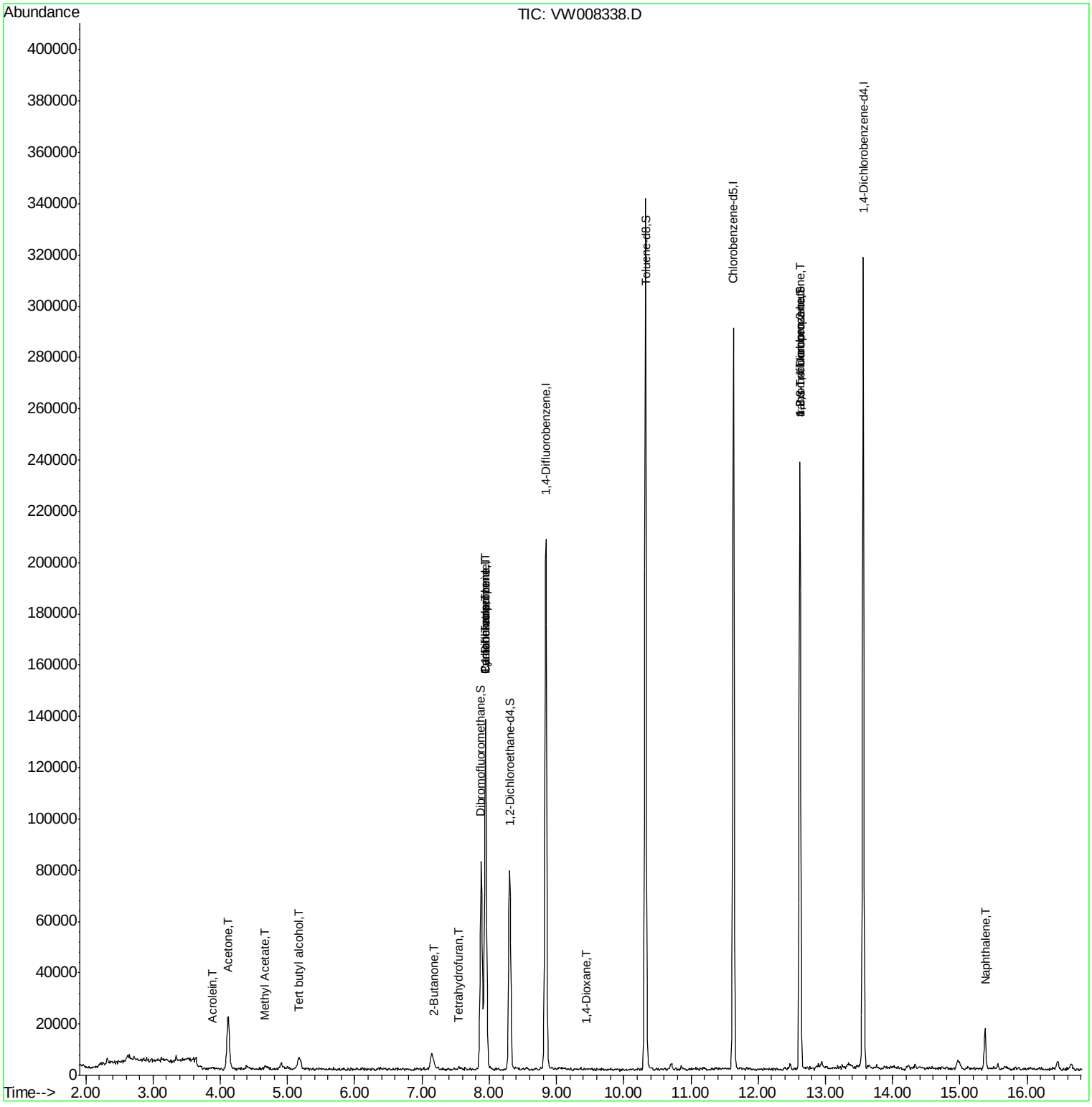
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW011719\

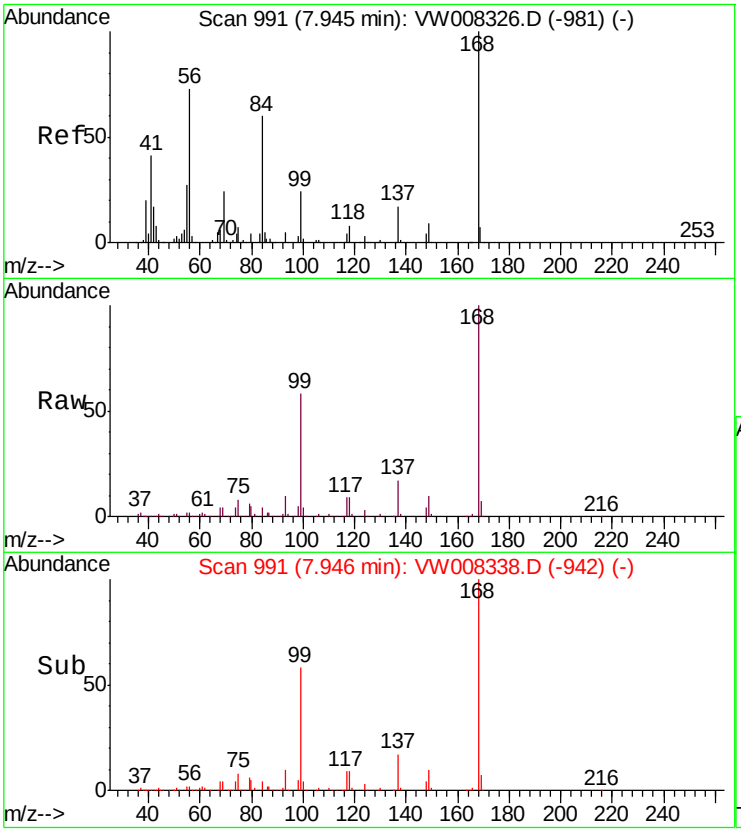
Quantitation Report (Not Reviewed)

Data File : VW008338.D
Acq On : 17 Jan 2019 19:45
Operator : SY/VA
Sample : K1191-07
Misc : 9.06G/5ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Quant Time: Jan 18 01:10:18 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W011719S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 18 00:57:07 2019
Response via : Initial Calibration



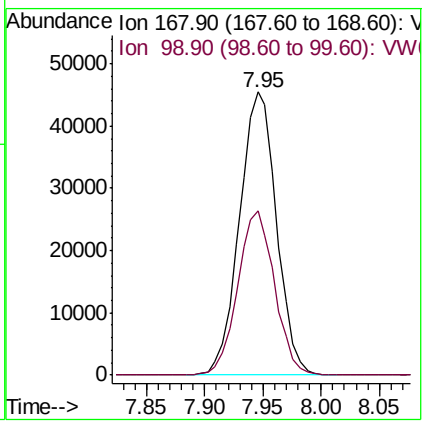


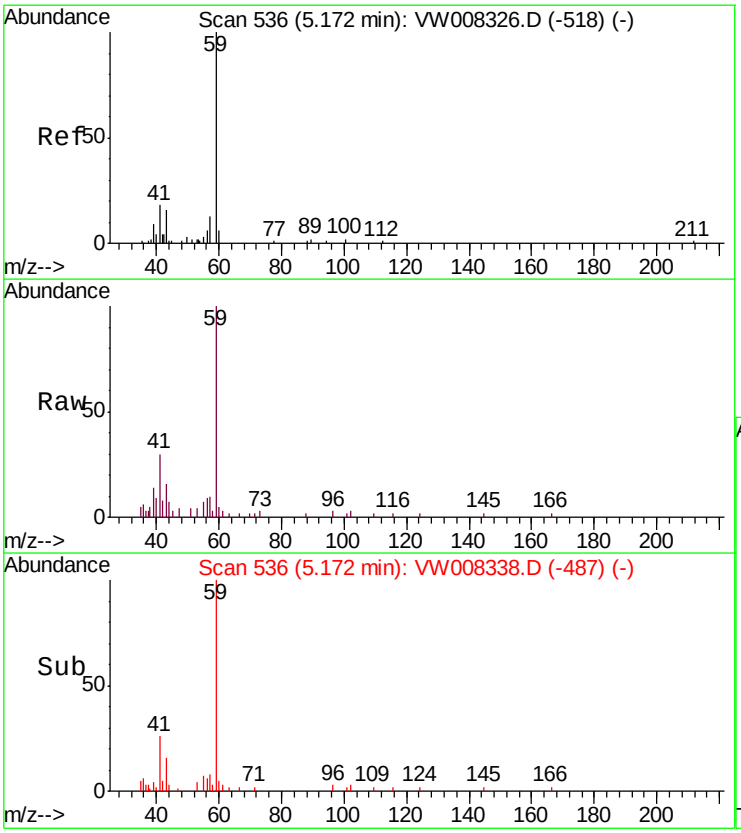
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion:168 Resp: 100751

Ion	Ratio	Lower	Upper
168	100		
99	57.9	44.6	66.8

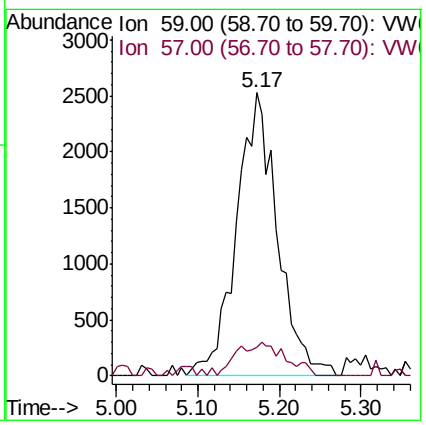


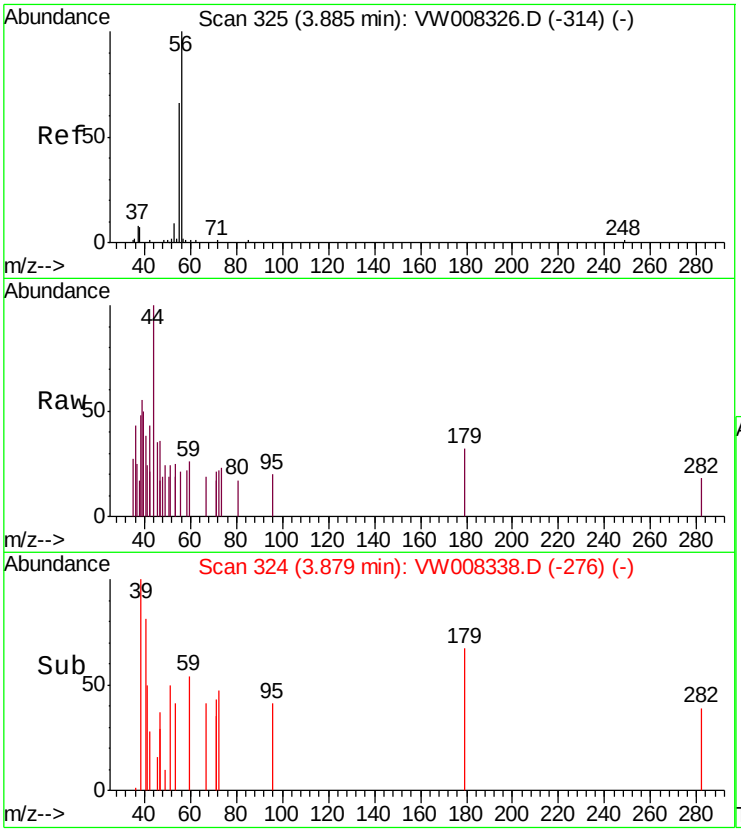


#11
Tert butyl alcohol
Concen: 125.019 ug/l
RT: 5.17 min Scan# 536
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 59 Resp: 8822

Ion	Ratio	Lower	Upper
59	100		
57	4.8	9.4	14.2#



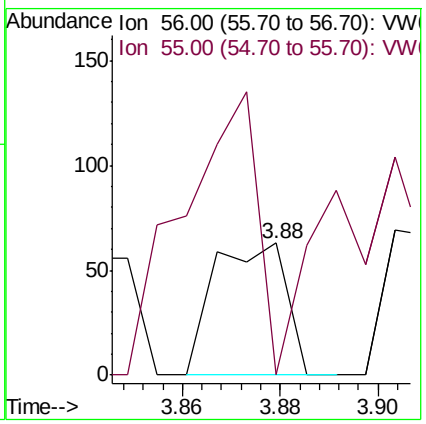


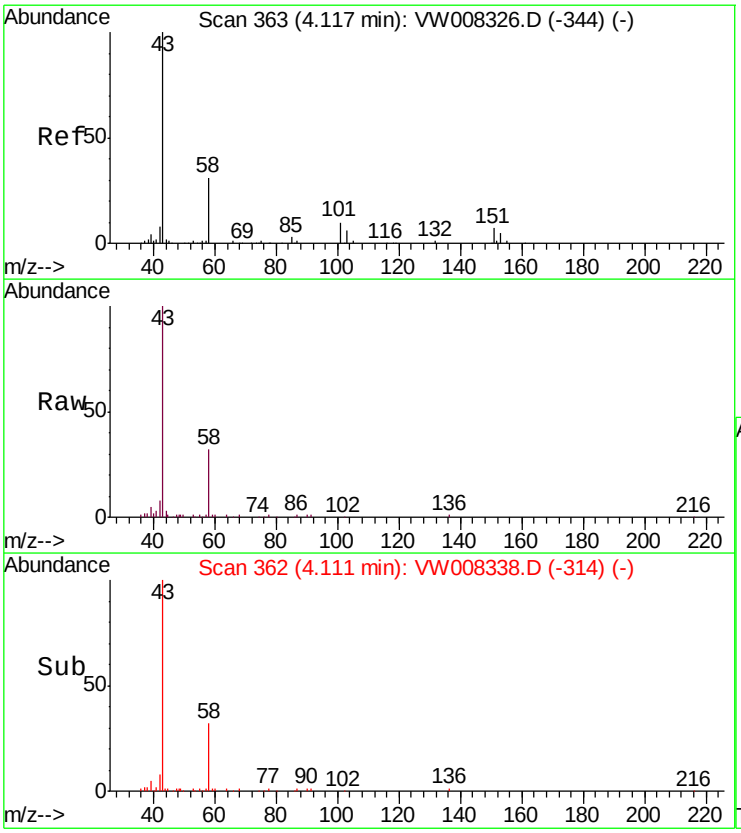
#13
Acrolein
Concen: 8.619 ug/l
RT: 3.88 min Scan# 324
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 56 Resp: 64

Ion	Ratio	Lower	Upper
56	100		
55	225.0	52.9	79.3#

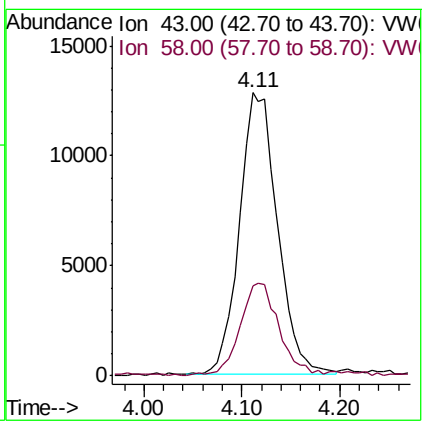


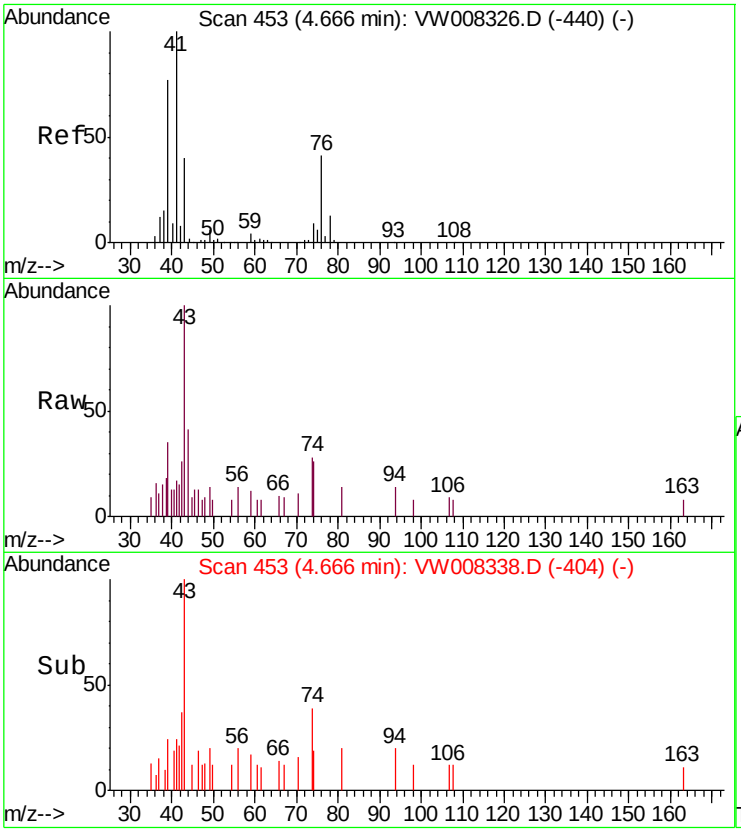


#16
Acetone
Concen: 141.840 ug/l
RT: 4.11 min Scan# 362
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 43 Resp: 34523

Ion	Ratio	Lower	Upper
43	100		
58	31.9	24.7	37.1



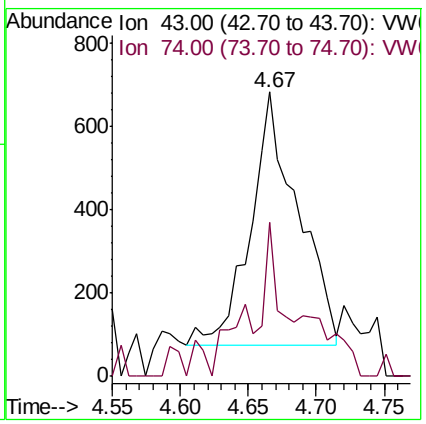


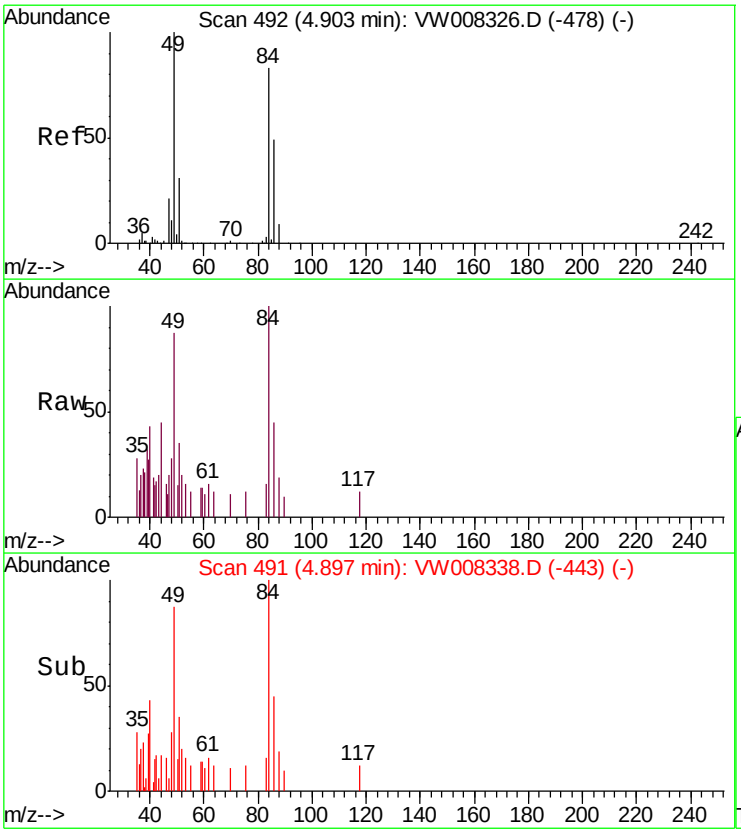
#18
Methyl Acetate
Concen: 2.293 ug/l
RT: 4.67 min Scan# 453
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 43 Resp: 1491

Ion	Ratio	Lower	Upper
43	100		
74	37.2	19.4	29.0#

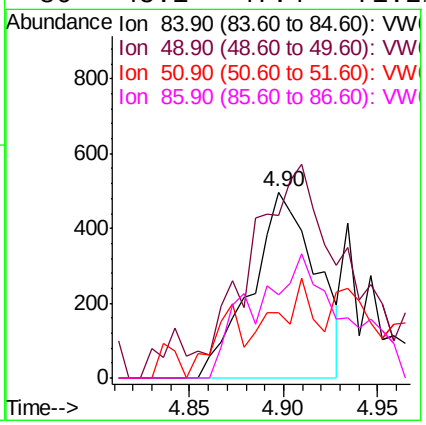


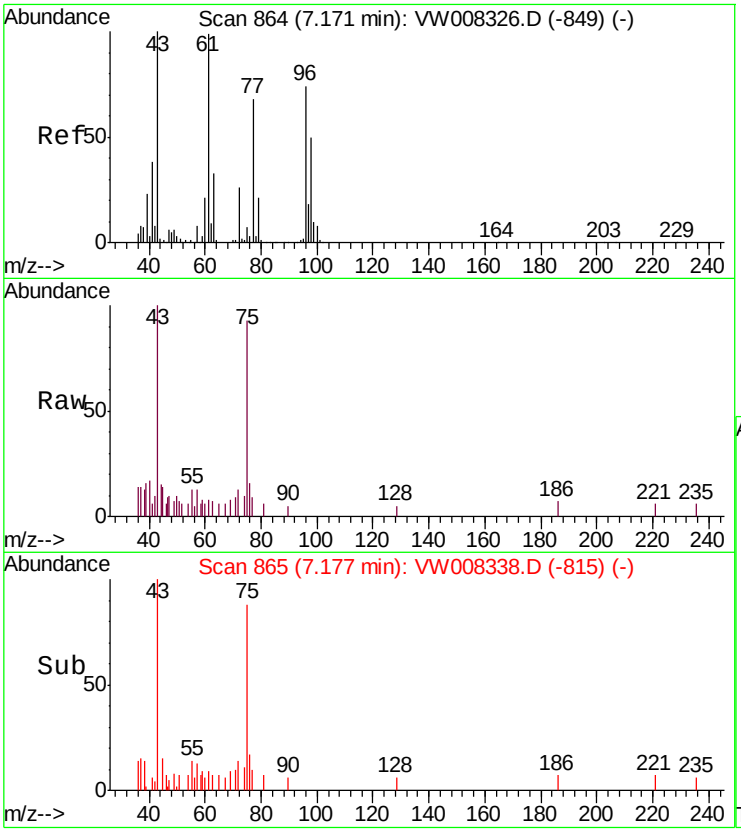


#20
Methylene Chloride
Concen: Below Cal
RT: 4.90 min Scan# 491
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 84 Resp: 1181

Ion	Ratio	Lower	Upper
84	100		
49	75.5	95.9	143.9#
51	35.2	29.3	43.9
86	45.1	47.4	71.2#



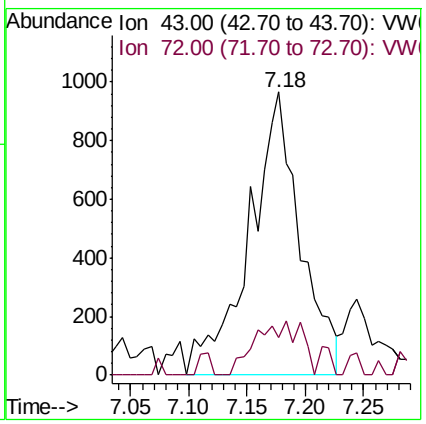


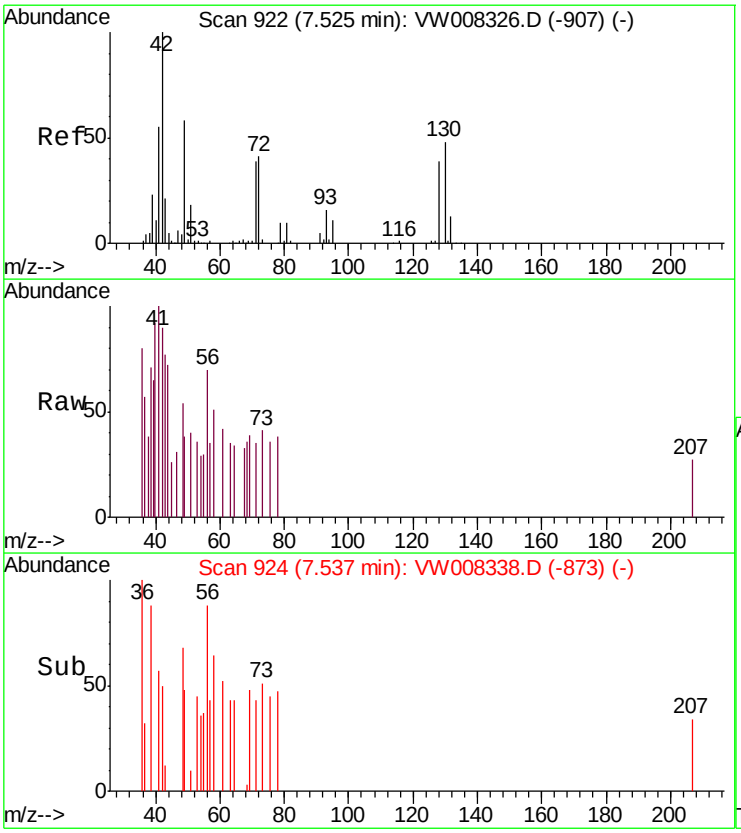
#25
2-Butanone
Concen: 9.460 ug/l
RT: 7.18 min Scan# 865
Delta R.T. 0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 43 Resp: 2949

Ion	Ratio	Lower	Upper
43	100		
72	13.5	21.2	31.8#

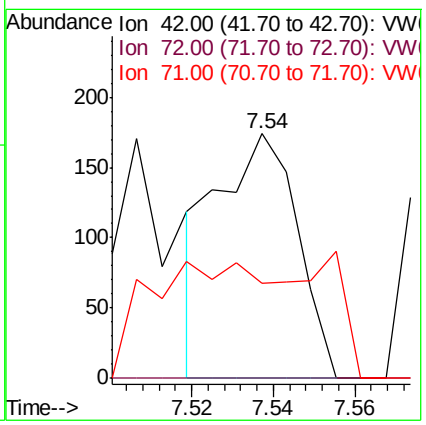


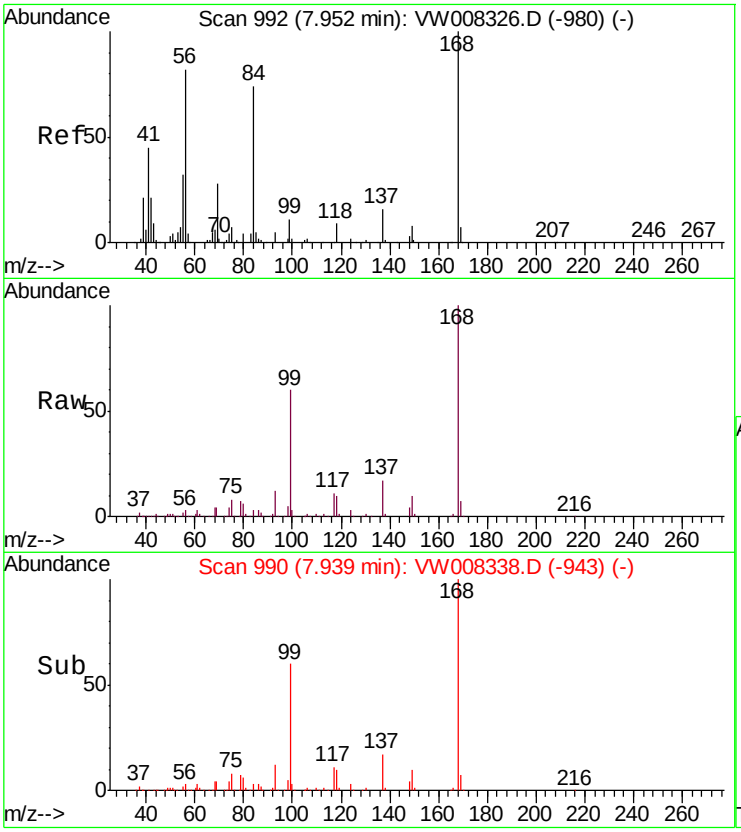


#29
Tetrahydrofuran
Concen: 1.225 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 42 Resp: 238

Ion	Ratio	Lower	Upper
42	100		
72	0.0	34.0	51.0#
71	0.0	32.0	48.0#



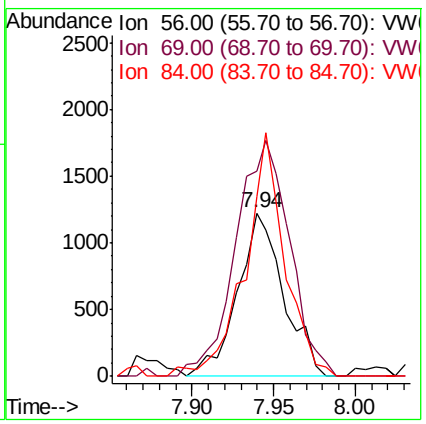


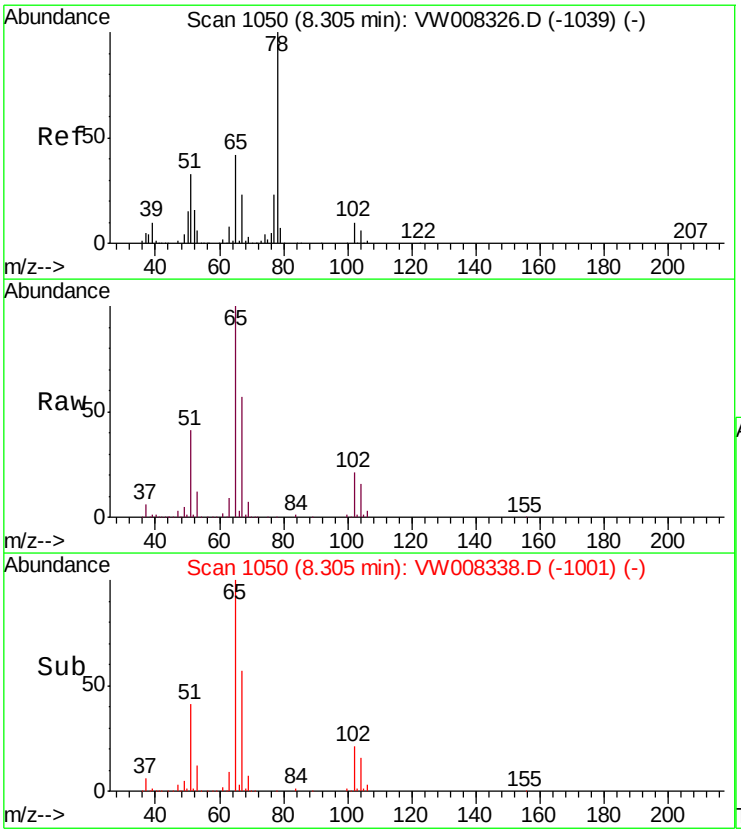
#31
Cyclohexane
Concen: 1.232 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 56 Resp: 2411

Ion	Ratio	Lower	Upper
56	100		
69	126.0	27.0	40.6#
84	109.6	72.5	108.7#

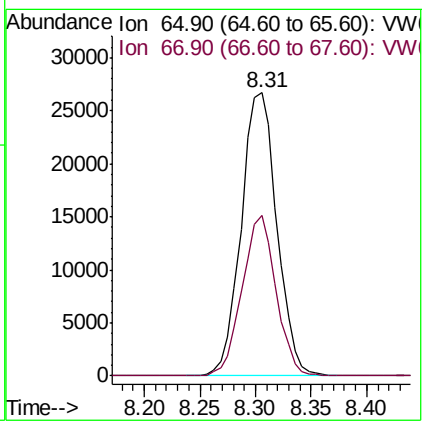


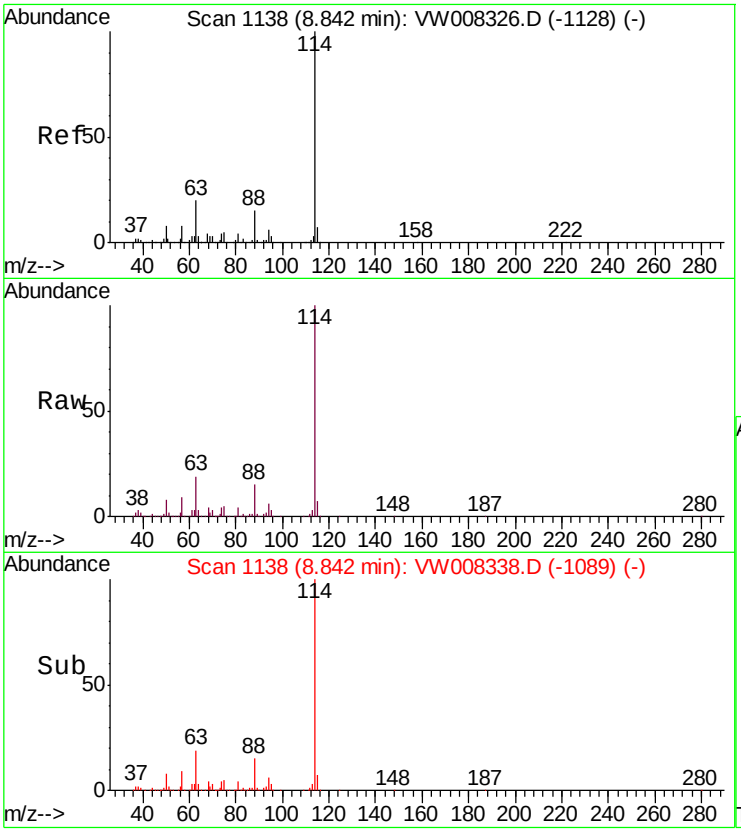


#33
1,2-Dichloroethane-d4
Concen: 56.839 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 65 Resp: 59570

Ion	Ratio	Lower	Upper
65	100		
67	53.7	0.0	106.2



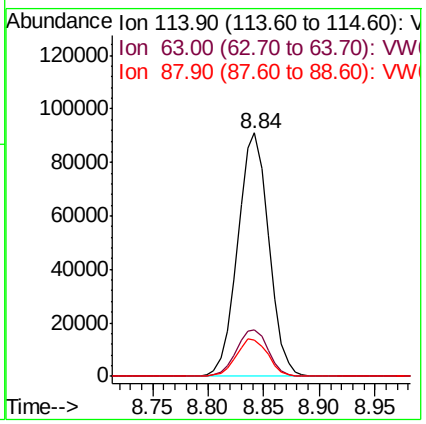


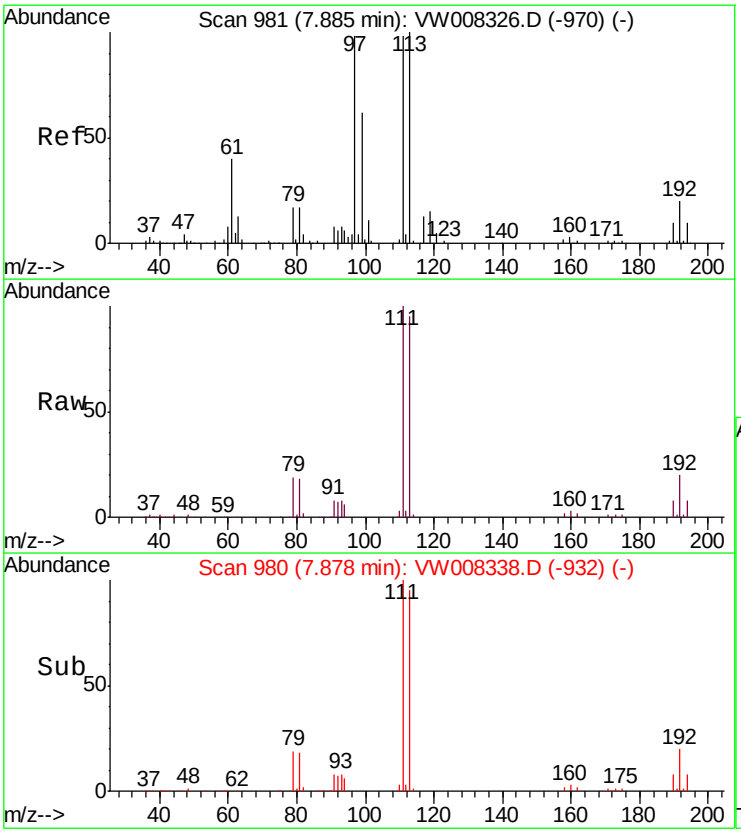
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion:114 Resp: 176746

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	40.8
88	14.7	0.0	30.4

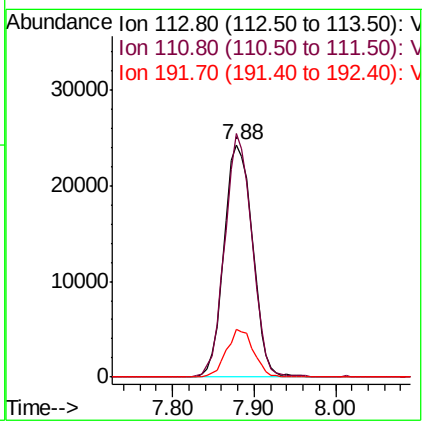


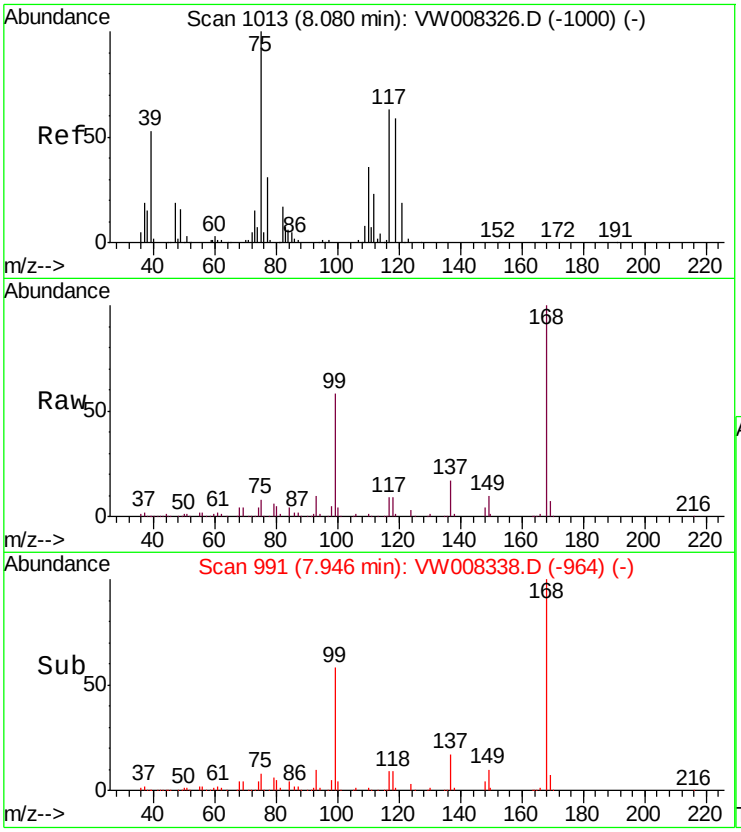


#35
Dibromofluoromethane
Concen: 52.046 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion:113 Resp: 58720

Ion	Ratio	Lower	Upper
113	100		
111	99.9	81.8	122.8
192	19.2	16.3	24.5



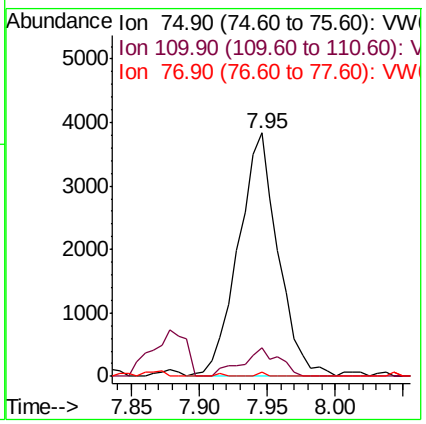


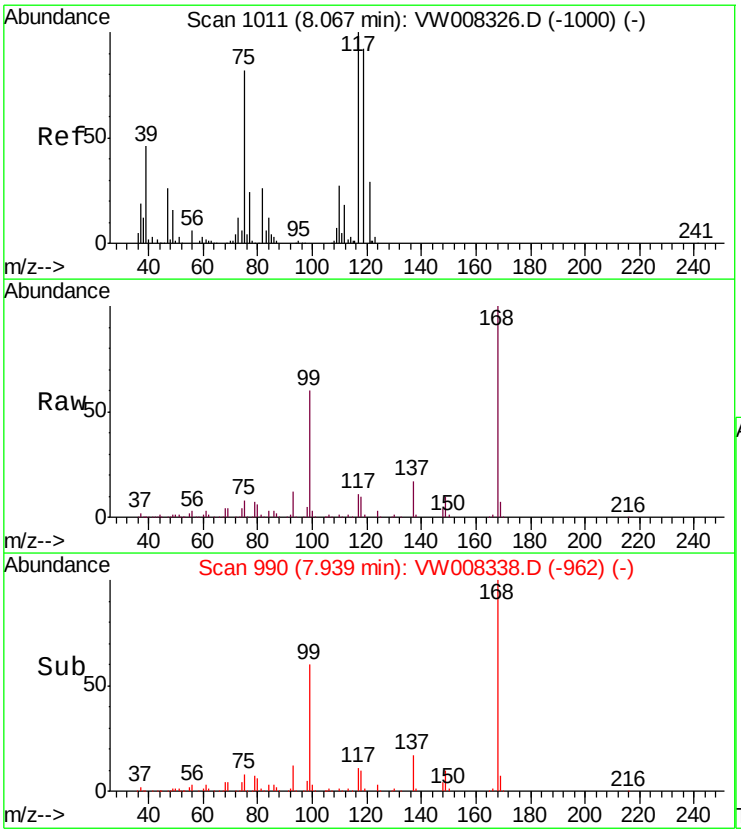
#36
1,1-Dichloropropene
Concen: 4.408 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 75 Resp: 7838

Ion	Ratio	Lower	Upper
75	100		
110	10.8	17.5	52.6#
77	0.3	25.0	37.6#

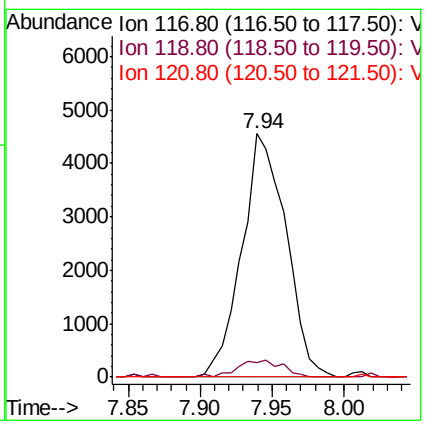


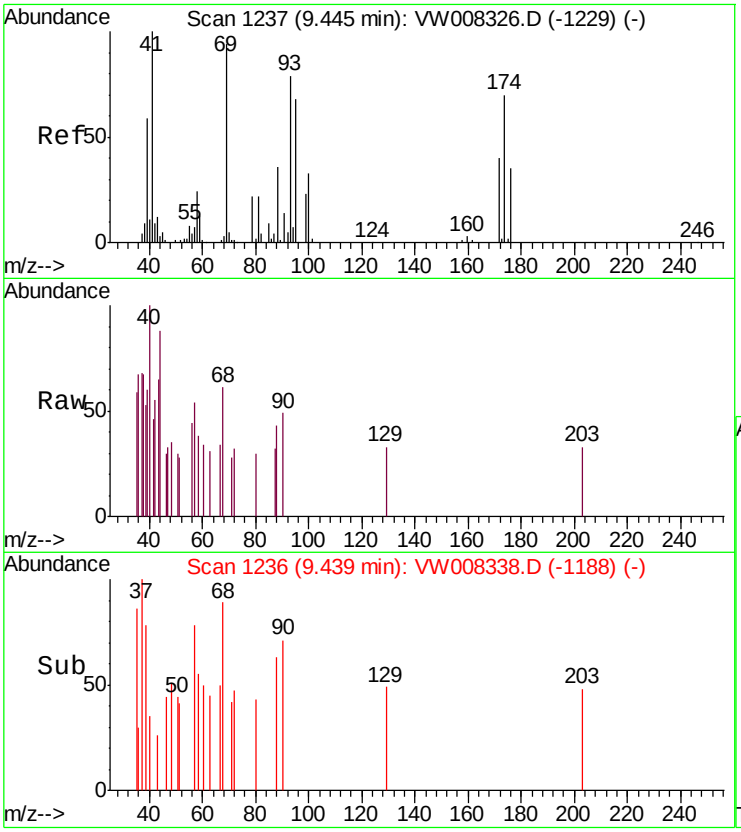


#38
Carbon Tetrachloride
Concen: 5.522 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion:117 Resp: 9696

Ion	Ratio	Lower	Upper
117	100		
119	6.2	73.8	110.6#
121	0.0	23.4	35.0#



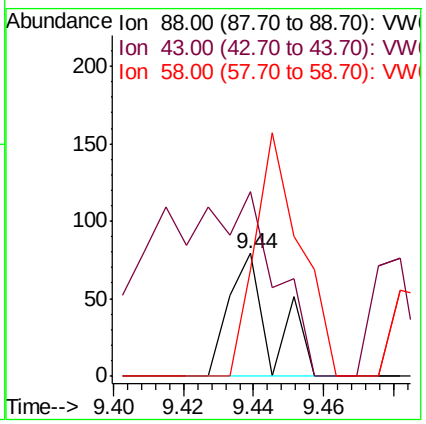


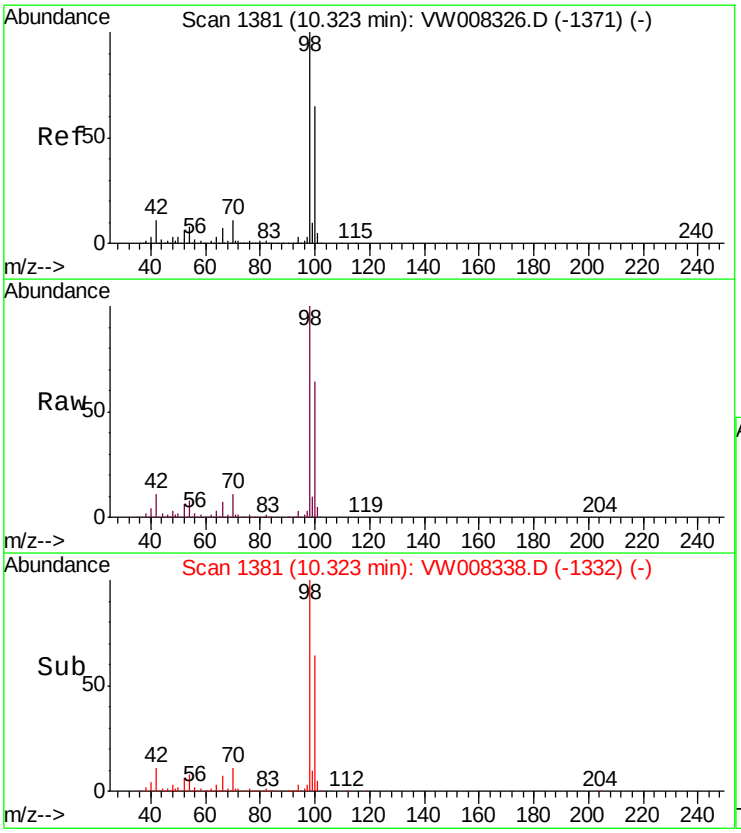
#49
1,4-Dioxane
Concen: 6.382 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 88 Resp: 67

Ion	Ratio	Lower	Upper
88	100		
43	0.0	27.1	40.7#
58	210.4	57.9	86.9#

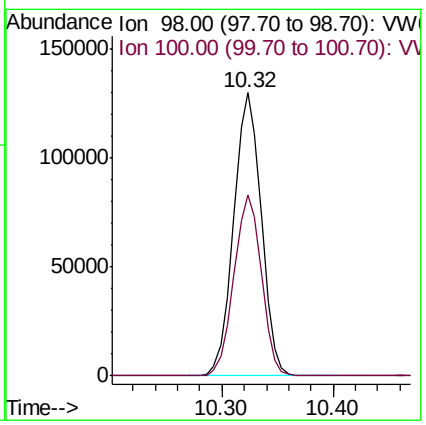


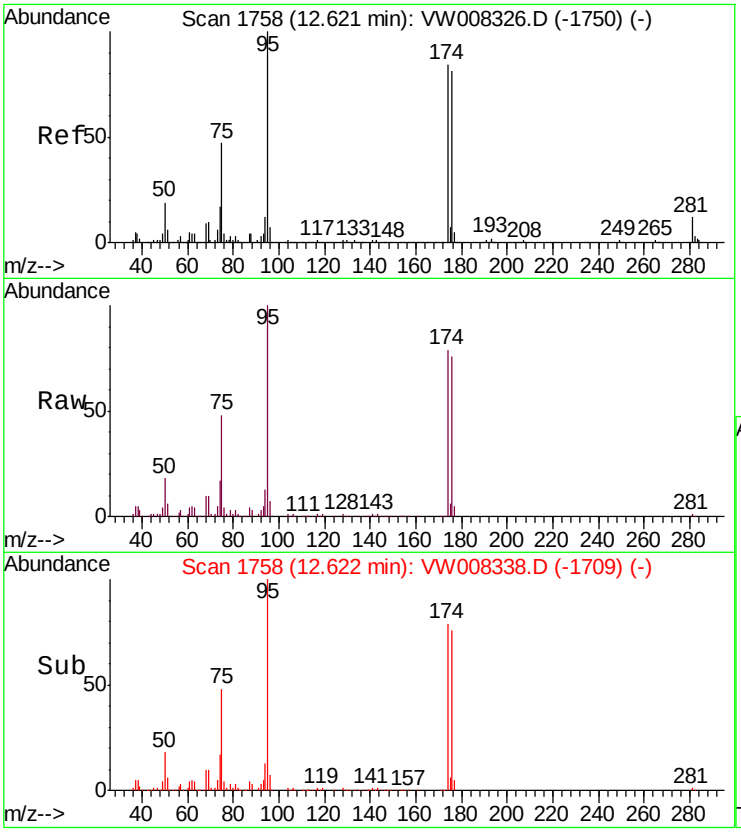


#50
Toluene-d8
Concen: 50.187 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 98 Resp: 222446

Ion	Ratio	Lower	Upper
98	100		
100	63.6	51.8	77.8



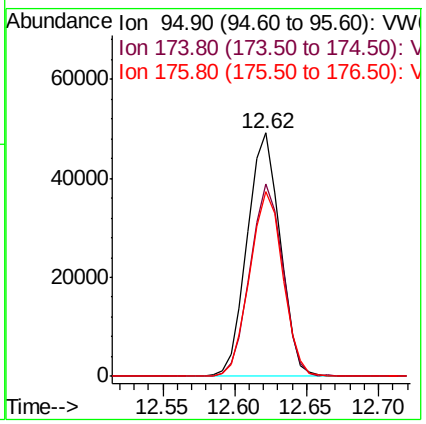


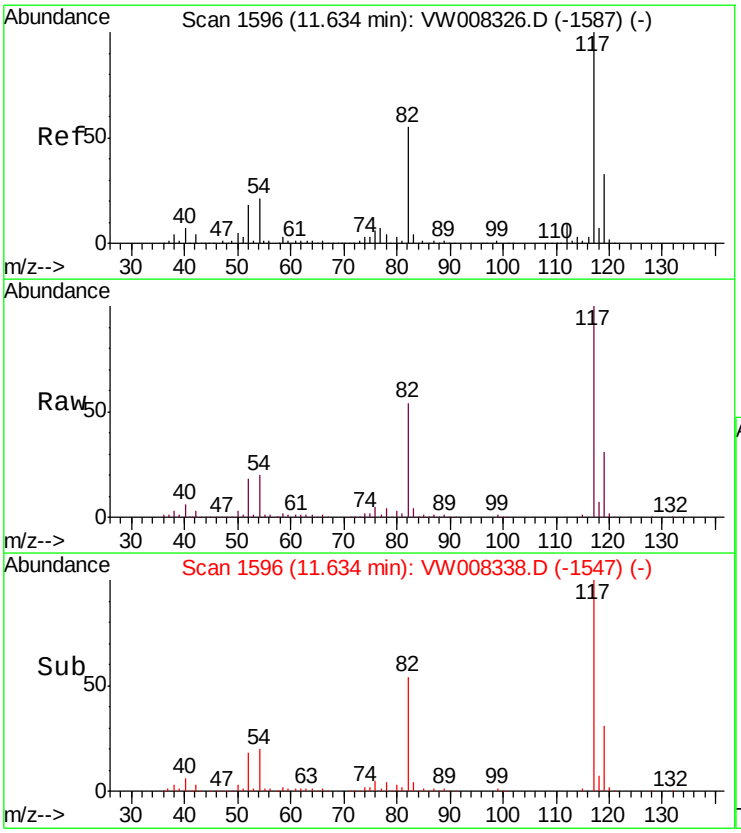
#62
4-Bromofluorobenzene
Concen: 48.913 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 95 Resp: 77754

Ion	Ratio	Lower	Upper
95	100		
174	78.2	0.0	166.0
176	76.3	0.0	160.0

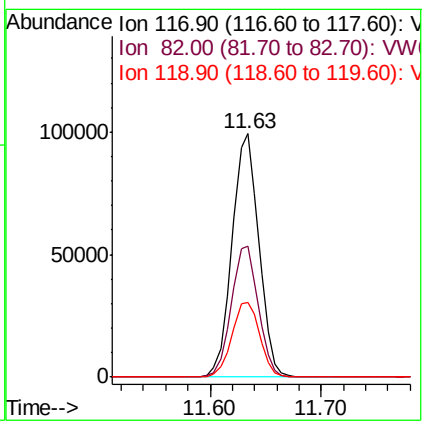


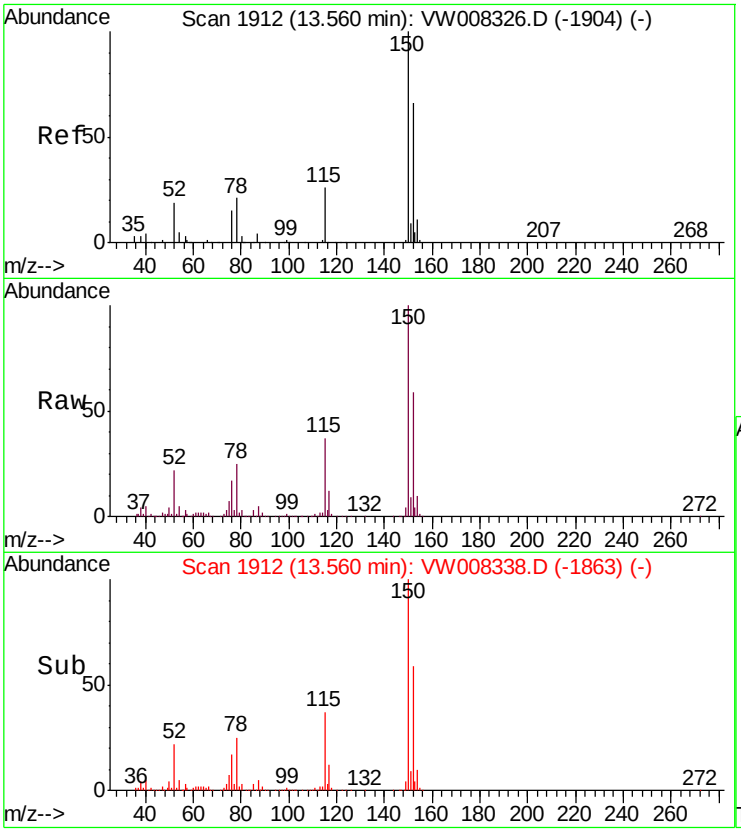


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion:117 Resp: 165034

Ion	Ratio	Lower	Upper
117	100		
82	53.9	44.3	66.5
119	30.9	26.3	39.5



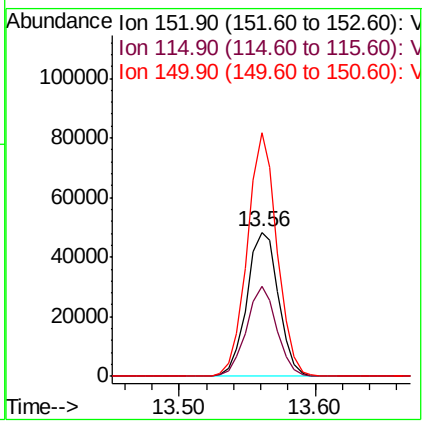


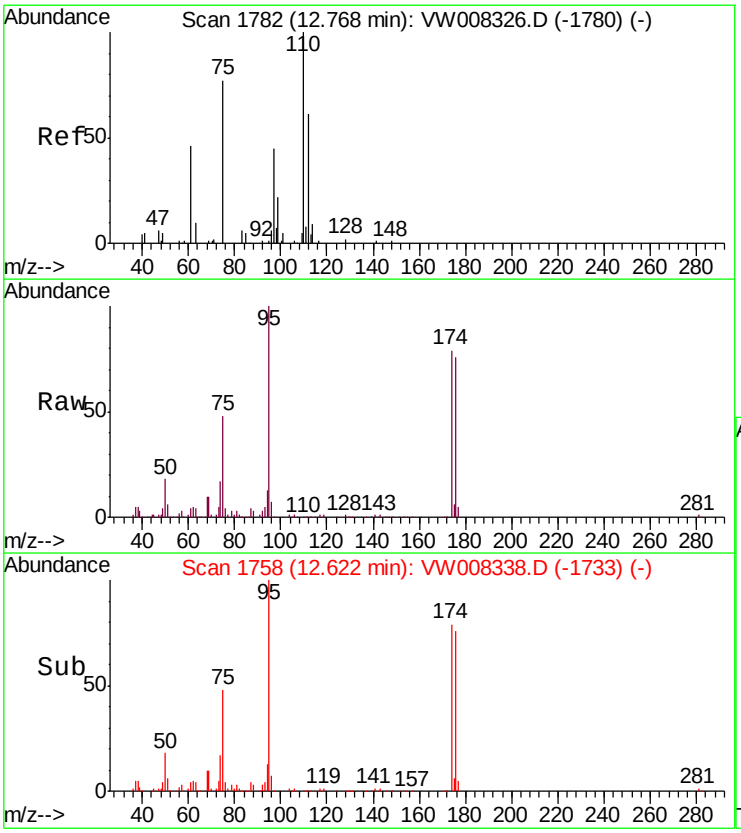
#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument : MSVOA_W
ClientSampleId : SITE4-06

Tgt Ion:152 Resp: 78941

Ion	Ratio	Lower	Upper
152	100		
115	59.4	28.8	86.4
150	158.6	0.0	351.4

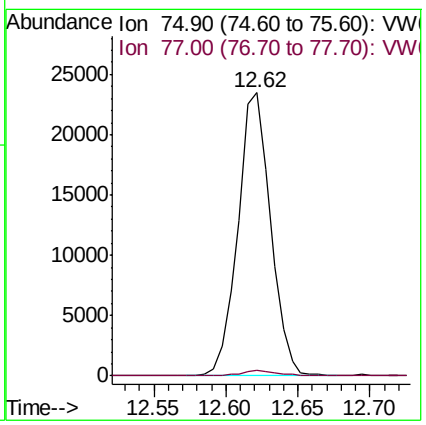


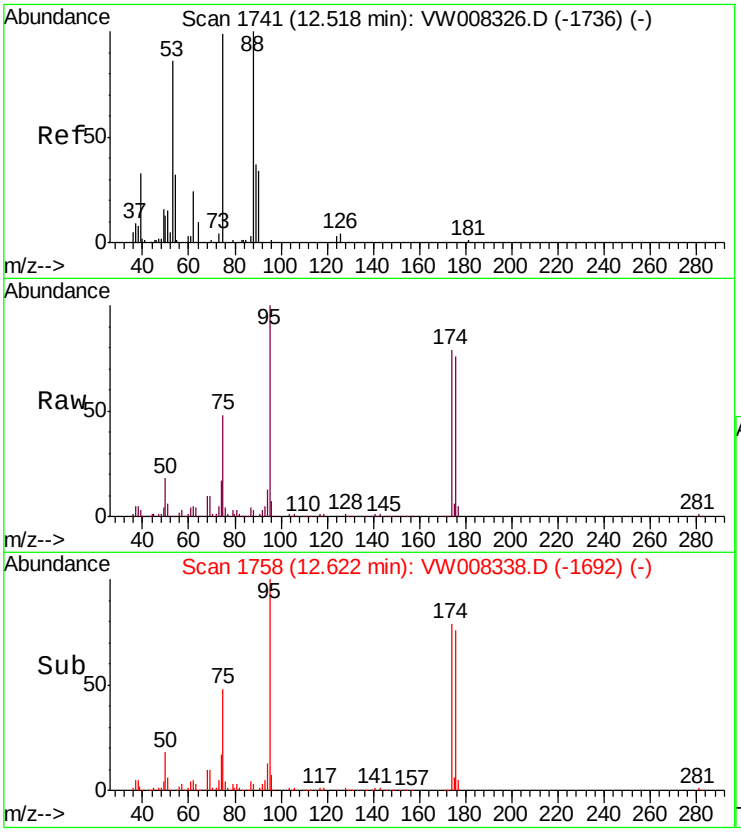


#76
1,2,3-Trichloropropane
Concen: 51.388 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion: 75 Resp: 36942

Ion	Ratio	Lower	Upper
75	100		
77	2.1	175.3	526.1#



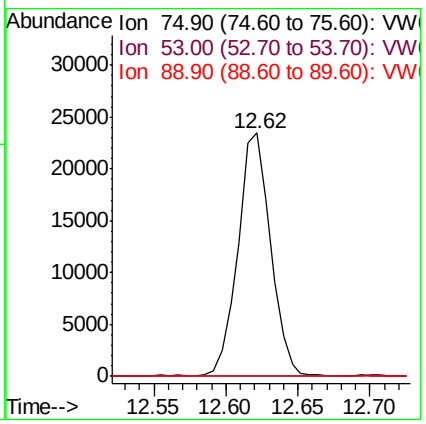


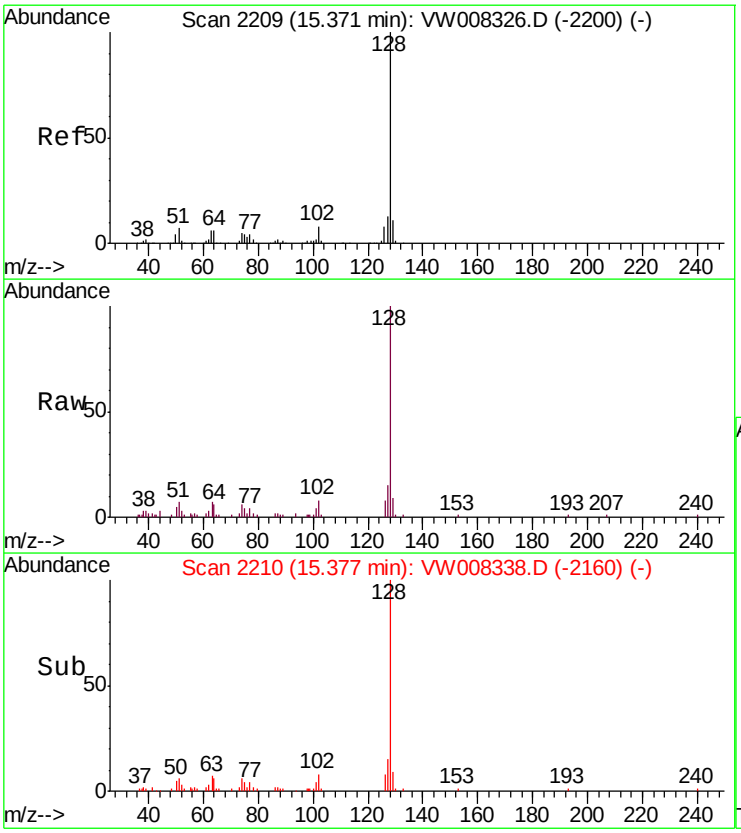
#81
trans-1,4-Dichloro-2-butene
Concen: 122.634 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.10 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Instrument :
MSVOA_W
ClientSampleId :
SITE4-06

Tgt Ion: 75 Resp: 36942

Ion	Ratio	Lower	Upper
75	100		
53	0.4	76.2	114.4#
89	0.0	36.7	55.1#





#95
Naphthalene
Concen: 6.594 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW008338.D
Acq: 17 Jan 2019 19:45

Tgt Ion:128 Resp: 13555

Ion	Ratio	Lower	Upper
128	100		
127	14.1	10.5	15.7
129	11.4	8.8	13.2