Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\

Quantitation Report (Not Reviewed)

Data File : VW008982.D
Acq On : 05 Mar 2019 01:31
Operator : SY/VA
Sample : K1688-19
Misc : 9.94G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Quant Time: Mar 05 06:34:10 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	346355	50.00 ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	539543	50.00 ug/l	0.00
63) Chlorobenzene-d5	11.63	117	483228	50.00 ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	224281	50.00 ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc Units	Dev(Min)
33) 1,2-Dichloroethane-d4	8.31	65	192153	59.15 ug/l	0.00
Spiked Amount 50.000			Recovery =	118.30%	
35) Dibromofluoromethane	7.88	113	165994	51.24 ug/l	0.00
Spiked Amount 50.000			Recovery =	102.48%	
50) Toluene-d8	10.32	98	642804	51.40 ug/l	0.00
Spiked Amount 50.000			Recovery =	102.80%	
62) 4-Bromofluorobenzene	12.62	95	223979	45.74 ug/l	0.00
Spiked Amount 50.000			Recovery =	91.48%	

Target Compounds	R.T.	QIon	Response	Conc Units	Qvalue
11) Tert butyl alcohol	5.13	59	11153	38.565 ug/l #	72
13) Acrolein	3.89	56	148	20.227 ug/l #	20
16) Acetone	4.13	43	43631	57.945 ug/l	98
20) Methylene Chloride	4.92	84	10484	Below Cal #	90
25) 2-Butanone	7.17	43	18187	17.276 ug/l #	88
26) 2,2-Dichloropropane	7.15	77	8921	1.624 ug/l #	55
29) Tetrahydrofuran	7.53	42	14662	21.855 ug/l	97
31) Cyclohexane	7.95	56	12891	2.105 ug/l #	65
36) 1,1-Dichloropropene	7.95	75	26745	5.092 ug/l #	43
37) Ethyl Acetate	7.17	43	18187	7.447 ug/l #	58
38) Carbon Tetrachloride	7.95	117	34998	6.319 ug/l #	15
39) Methylcyclohexane	9.34	83	10723	1.637 ug/l #	94
41) Methacrylonitrile	7.54	41	10239	7.132 ug/l #	52
51) 4-Methyl-2-Pentanone	10.21	43	4540	1.835 ug/l	94
68) m/p-Xylenes	11.85	106	8359	1.152 ug/l	92
69) o-Xylene	12.17	106	12885	1.892 ug/l	97
74) N-amyl acetate	12.25	43	4448	1.148 ug/l #	56
76) 1,2,3-Trichloropropane	12.62	75	120784	65.227 ug/l #	100
80) 1,3,5-Trimethylbenzene	12.94	105	62238	4.658 ug/l	100
81) trans-1,4-Dichloro-2-buten	12.62	75	120784	158.573 ug/l #	6
84) 1,2,4-Trimethylbenzene	13.26	105	45908	3.319 ug/l	98
90) Hexachloroethane	14.10	117	6815	2.734 ug/l #	9
95) Naphthalene	15.37	128	12806	1.554 ug/l #	89

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

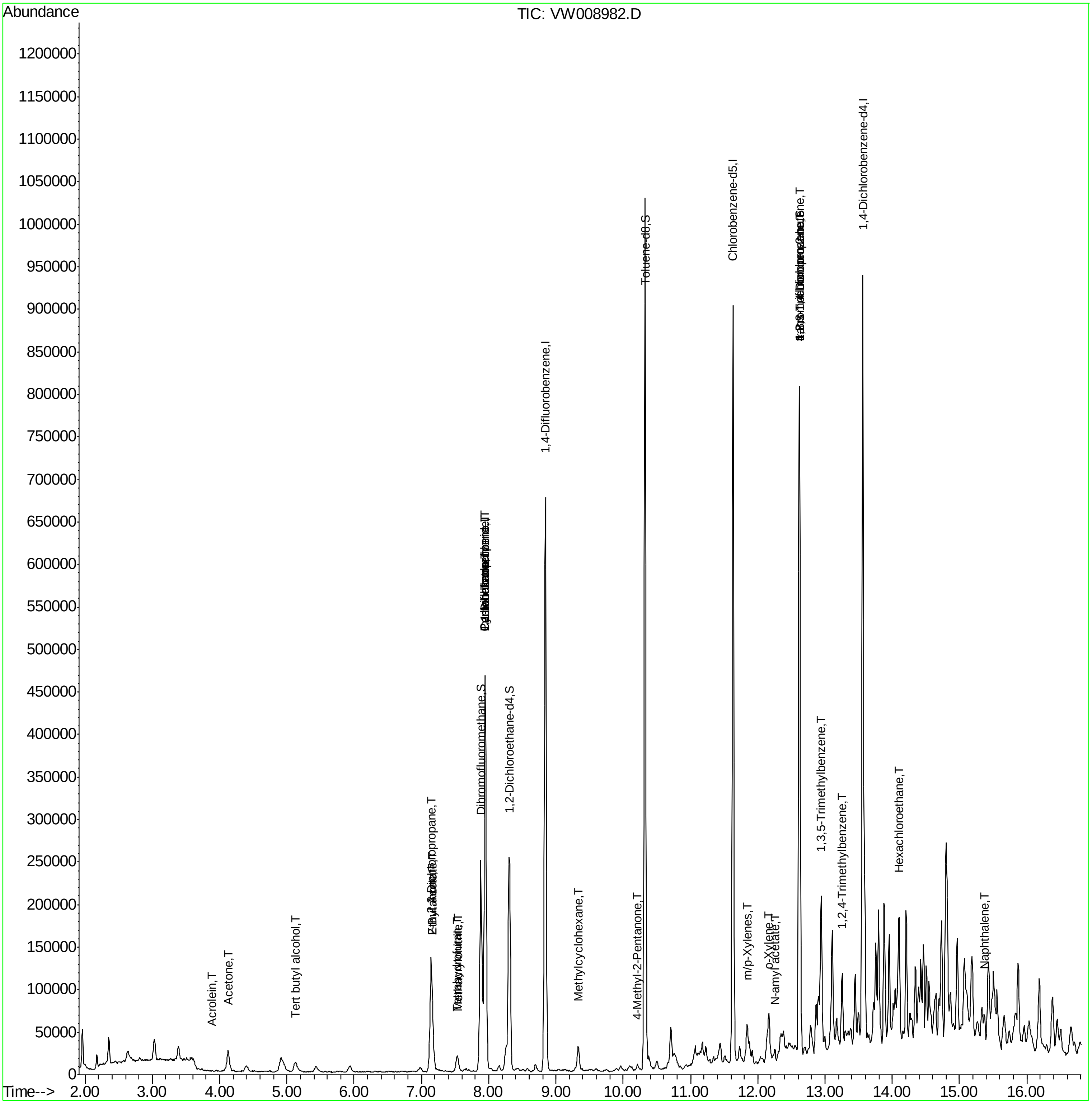
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW030519\

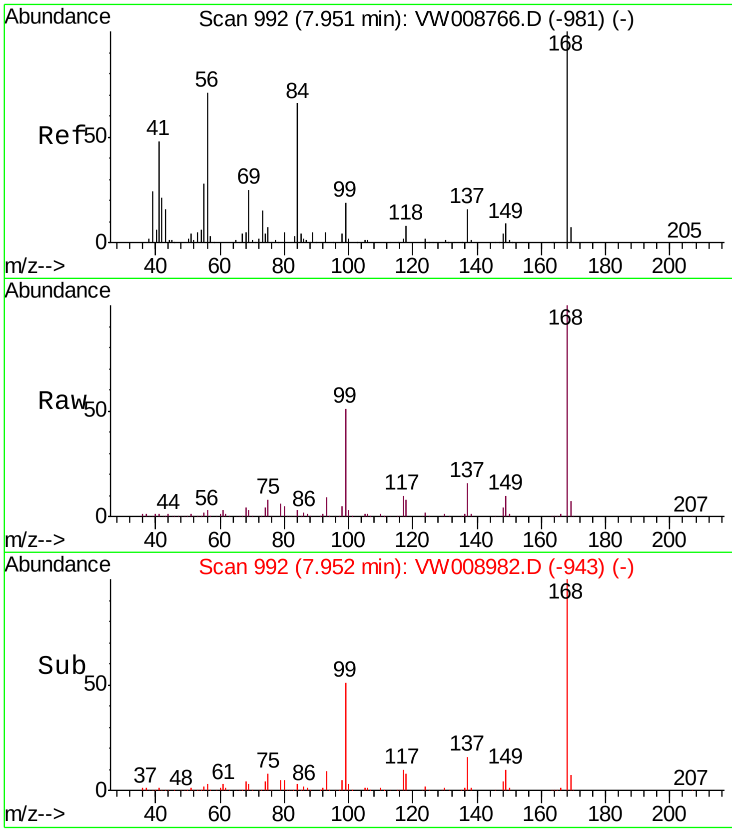
Quantitation Report (Not Reviewed)

Data File : VW008982.D
Acq On : 05 Mar 2019 01:31
Operator : SY/VA
Sample : K1688-19
Misc : 9.94G/5ML/MSVOA_W/SOIL
ALS Vial : 20 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Quant Time: Mar 05 06:34:10 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



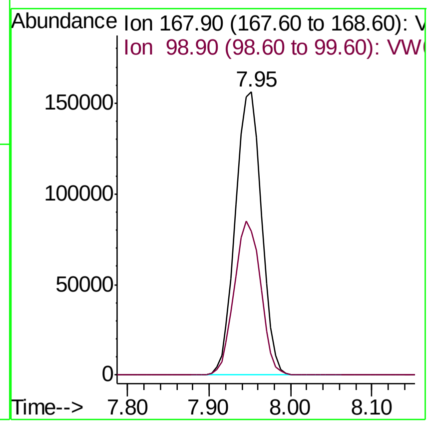


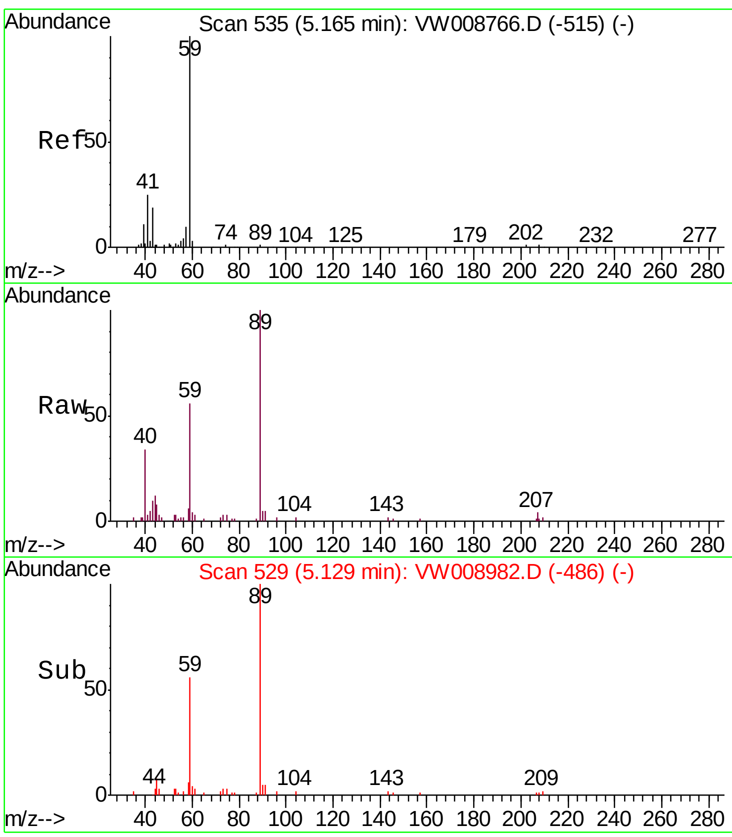
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:168 Resp: 346355

Ion	Ratio	Lower	Upper
168	100		
99	50.9	42.2	63.2

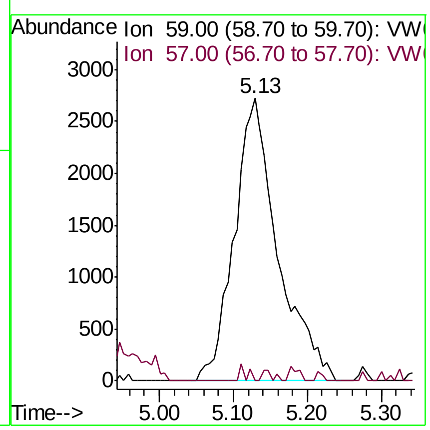


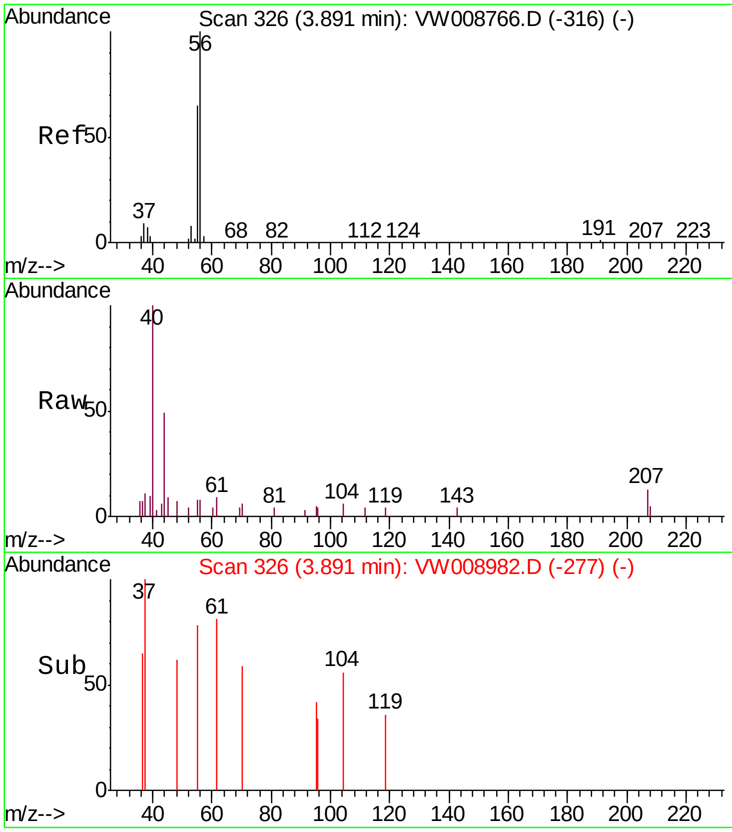


#11
Tert butyl alcohol
Concen: 38.565 ug/l
RT: 5.13 min Scan# 529
Delta R.T. -0.04 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 59 Resp: 11153

Ion	Ratio	Lower	Upper
59	100		
57	0.9	9.3	13.9#



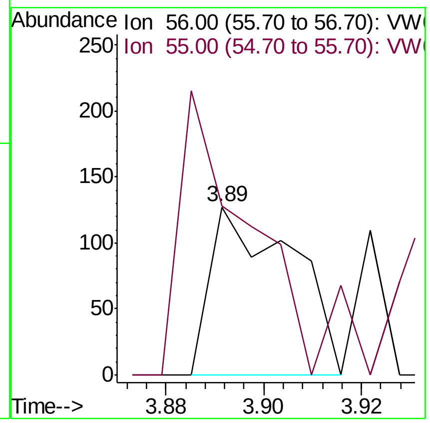


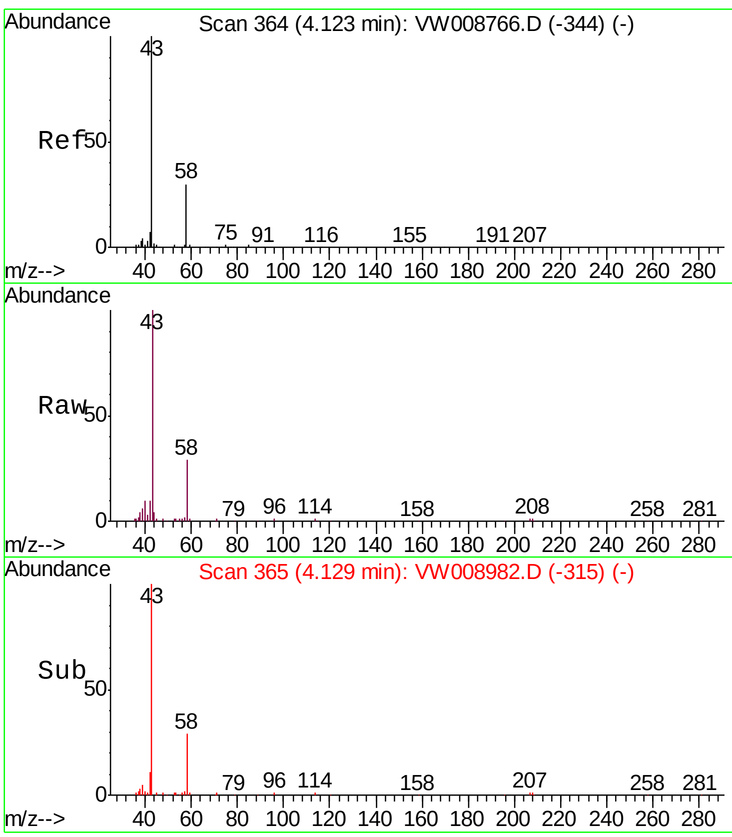
#13
Acrolein
Concen: 20.227 ug/l
RT: 3.89 min Scan# 326
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion: 56 Resp: 148

Ion	Ratio	Lower	Upper
56	100		
55	137.2	56.9	85.3#

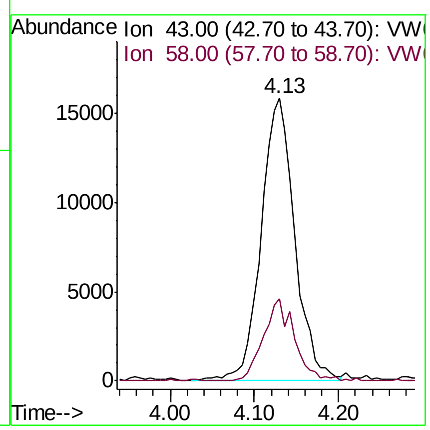


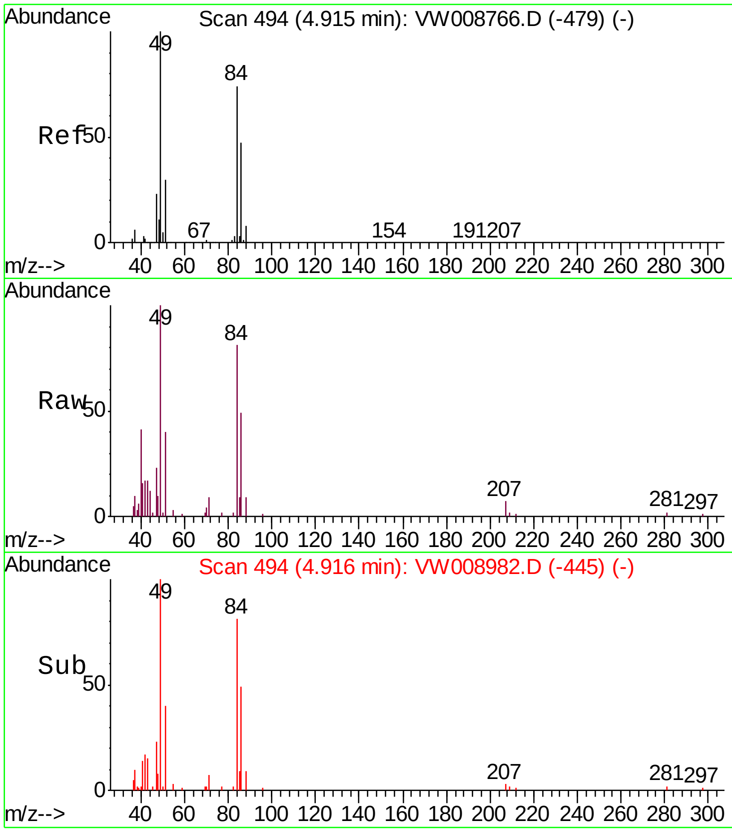


#16
Acetone
Concen: 57.945 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 43 Resp: 43631

Ion	Ratio	Lower	Upper
43	100		
58	28.7	23.8	35.6



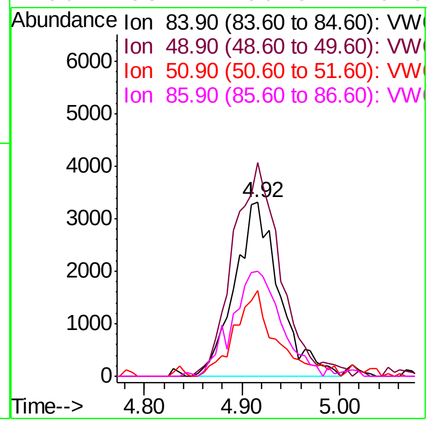


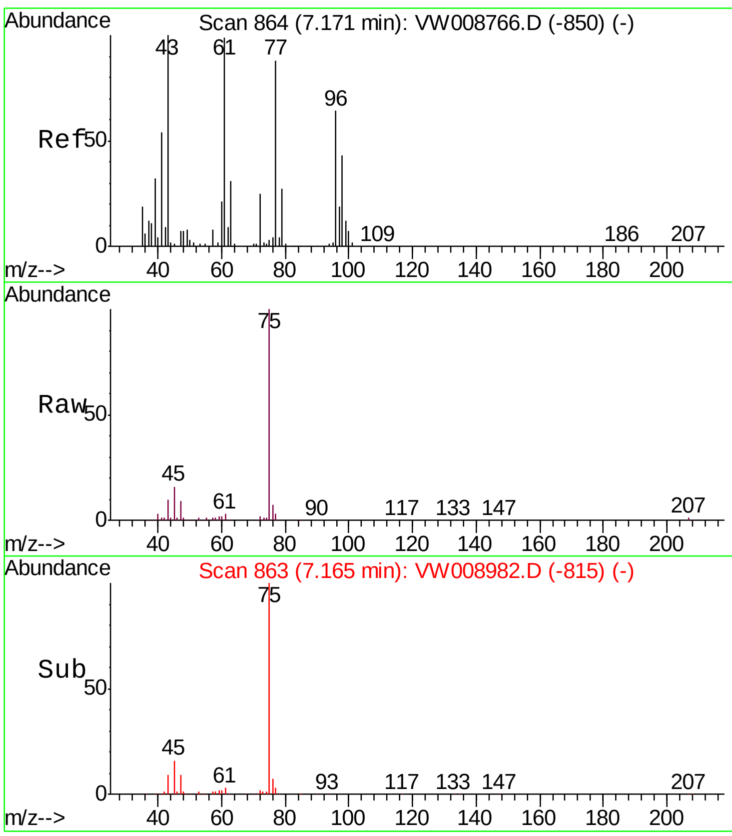
#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-J

Tgt Ion: 84 Resp: 10484

Ion	Ratio	Lower	Upper
84	100		
49	122.9	108.2	162.2
51	49.3	32.7	49.1#
86	58.7	50.3	75.5

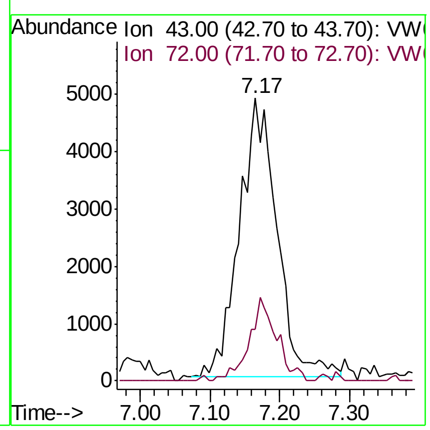


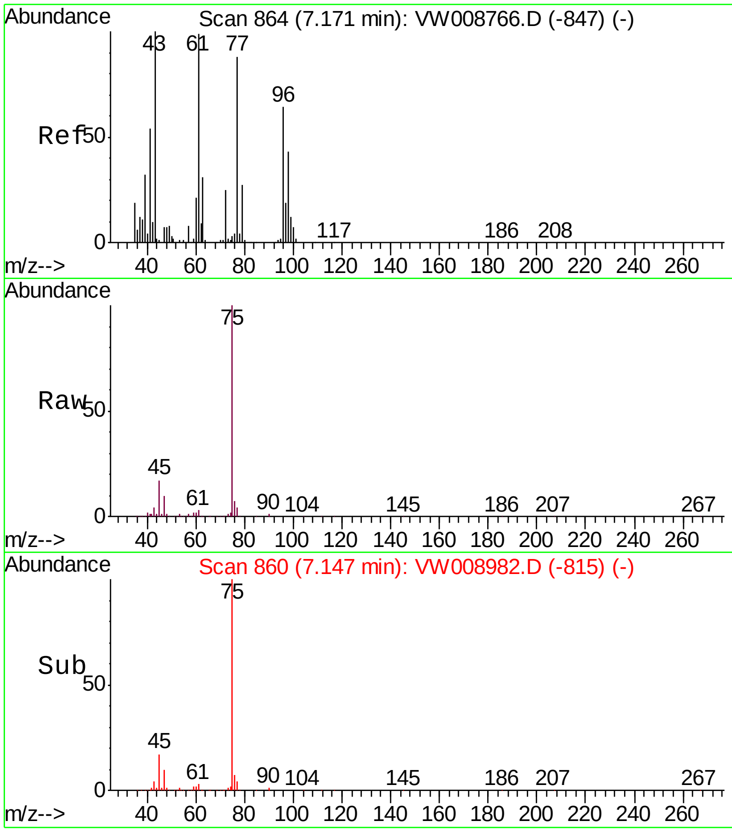


#25
2-Butanone
Concen: 17.276 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 43 Resp: 18187

Ion	Ratio	Lower	Upper
43	100		
72	18.6	19.7	29.5#



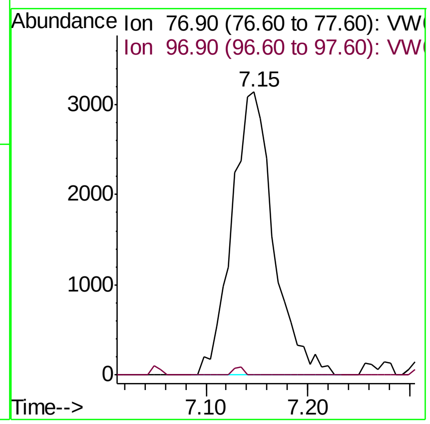


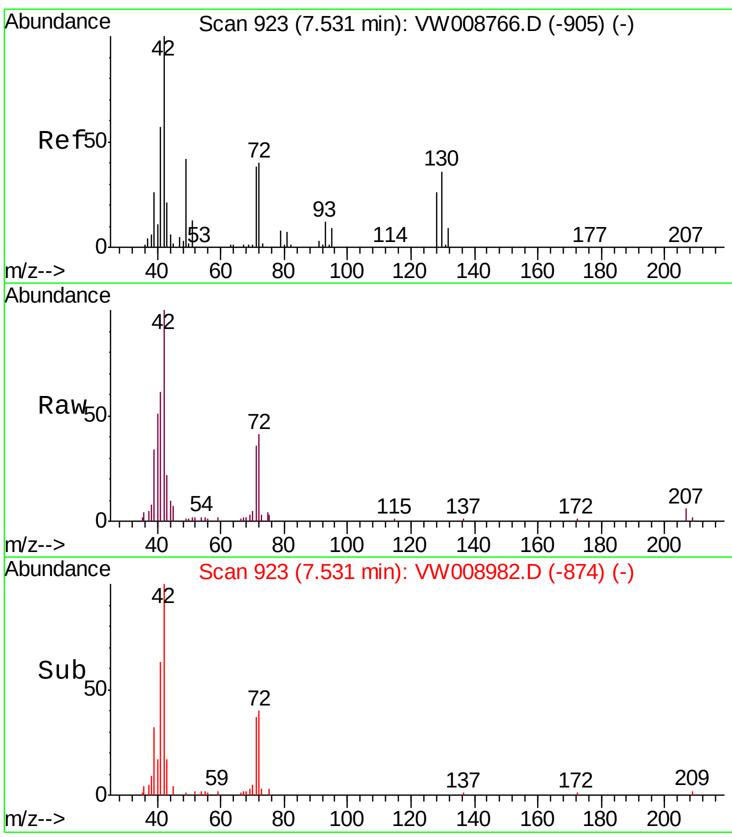
#26
2,2-Dichloropropane
Concen: 1.624 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-J

Tgt Ion: 77 Resp: 8921

Ion	Ratio	Lower	Upper
77	100		
97	0.7	11.0	33.0#

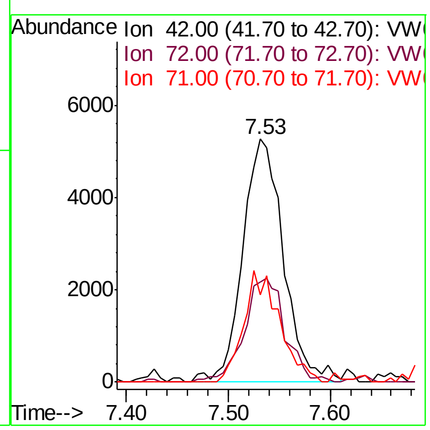


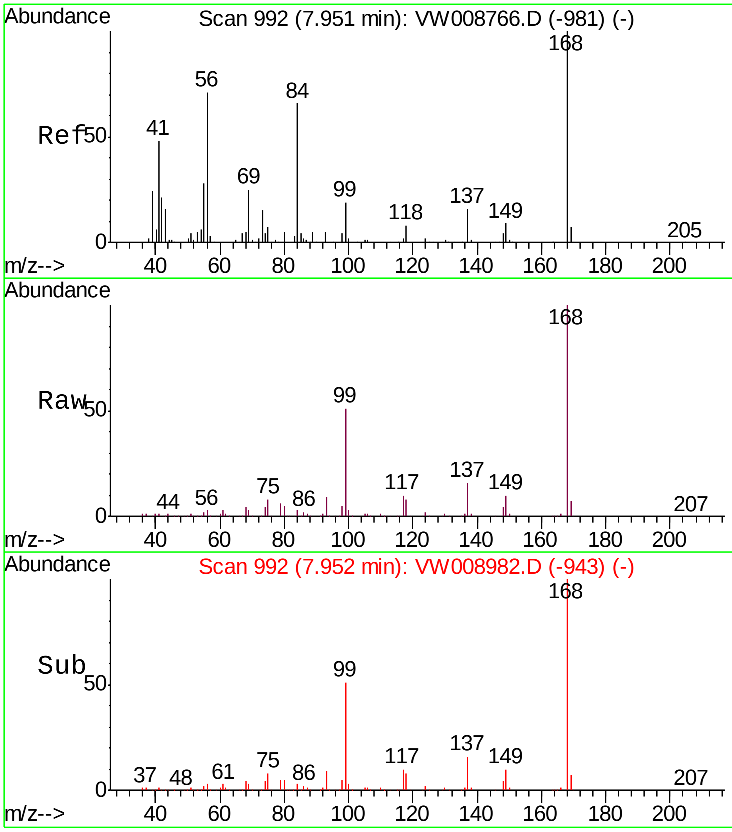


#29
Tetrahydrofuran
Concen: 21.855 ug/l
RT: 7.53 min Scan# 923
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 42 Resp: 14662

Ion	Ratio	Lower	Upper
42	100		
72	43.0	32.7	49.1
71	40.3	31.3	46.9

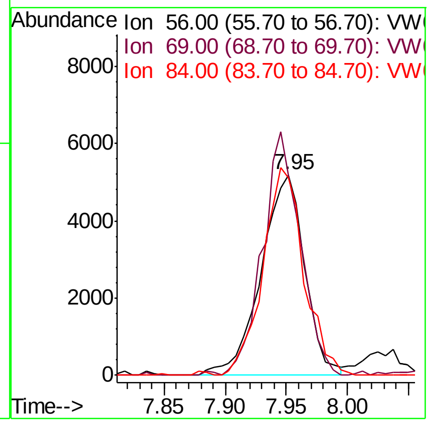


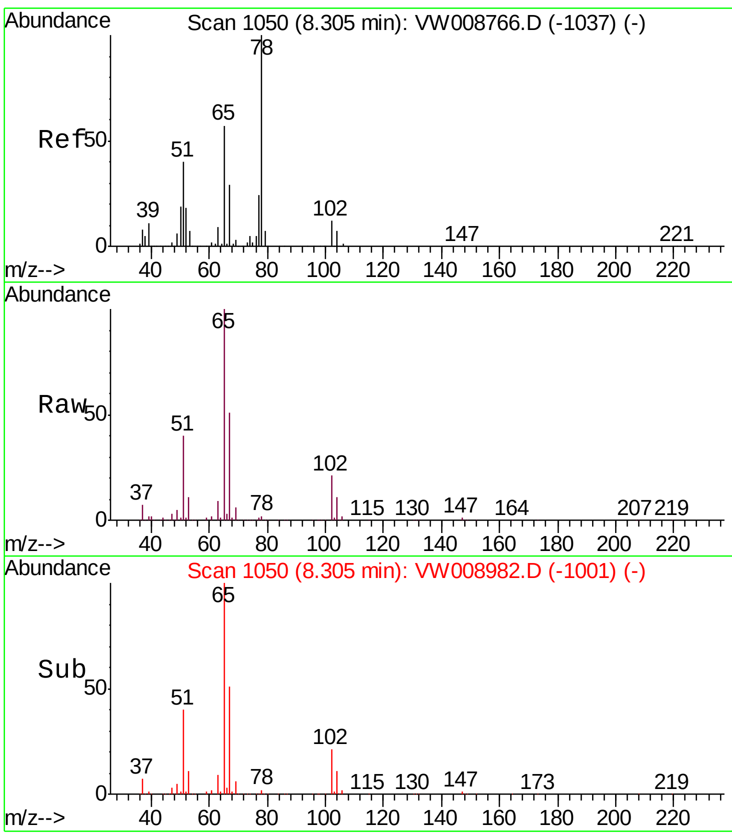



```
#31
Cyclohexane
Concen:    2.105 ug/l
RT: 7.95 min  Scan# 992
Delta R.T.   0.00 min
Lab File:   VW008982.D
Acq: 05 Mar 2019  01:31

Tgt Ion: 56 Resp:   12891
Ion  Ratio  Lower  Upper
 56  100
 69  100.1   28.2   42.4#
 84   98.3   74.1  111.1
```

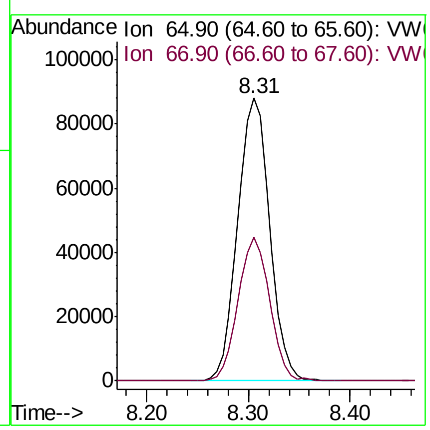
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

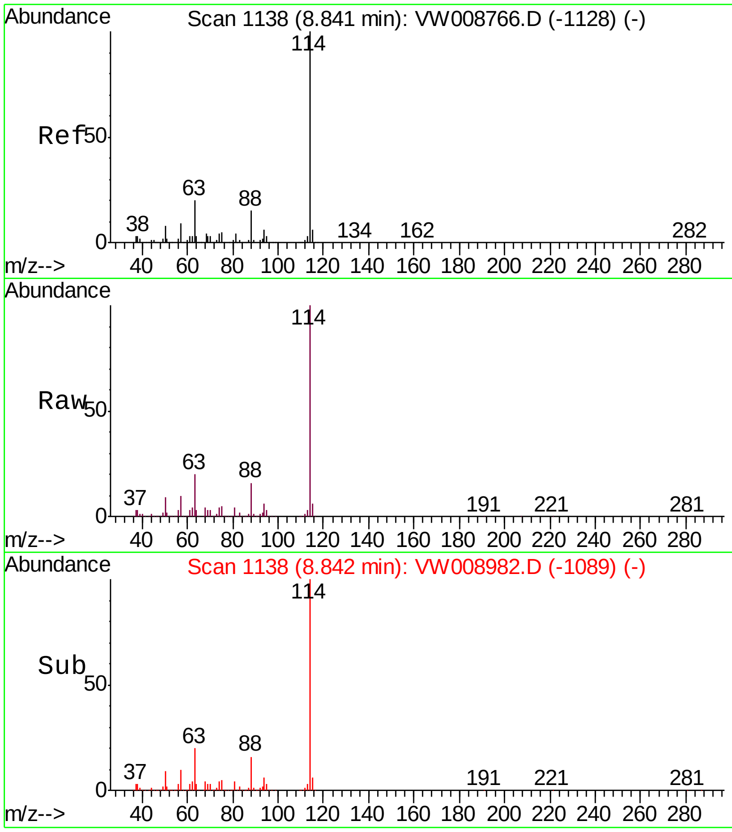





```
#33
1,2-Dichloroethane-d4
Concen:   59.151 ug/l
RT: 8.31 min  Scan# 1050
Delta R.T.   0.00 min
Lab File:   VW008982.D
Acq: 05 Mar 2019  01:31

Tgt Ion: 65 Resp:  192153
Ion  Ratio  Lower  Upper
 65  100
 67   50.4    0.0  101.4
```



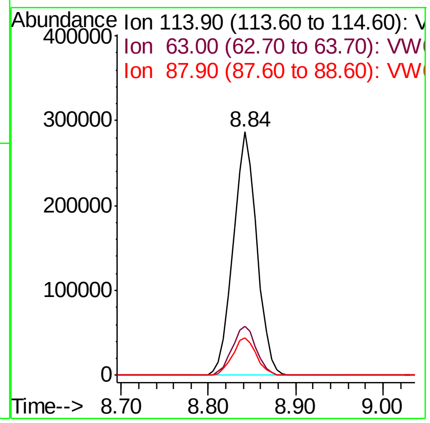


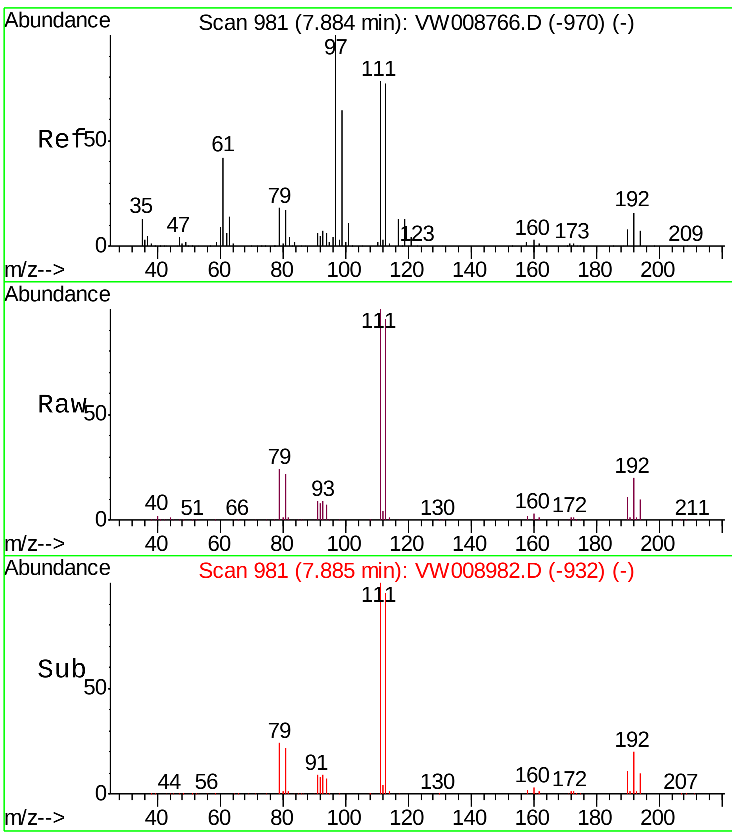
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:114 Resp: 539543

Ion	Ratio	Lower	Upper
114	100		
63	20.2	0.0	40.8
88	15.7	0.0	30.4

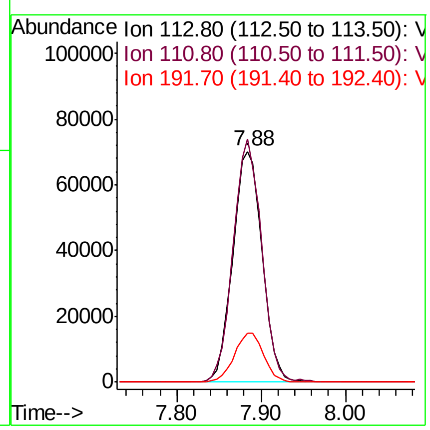


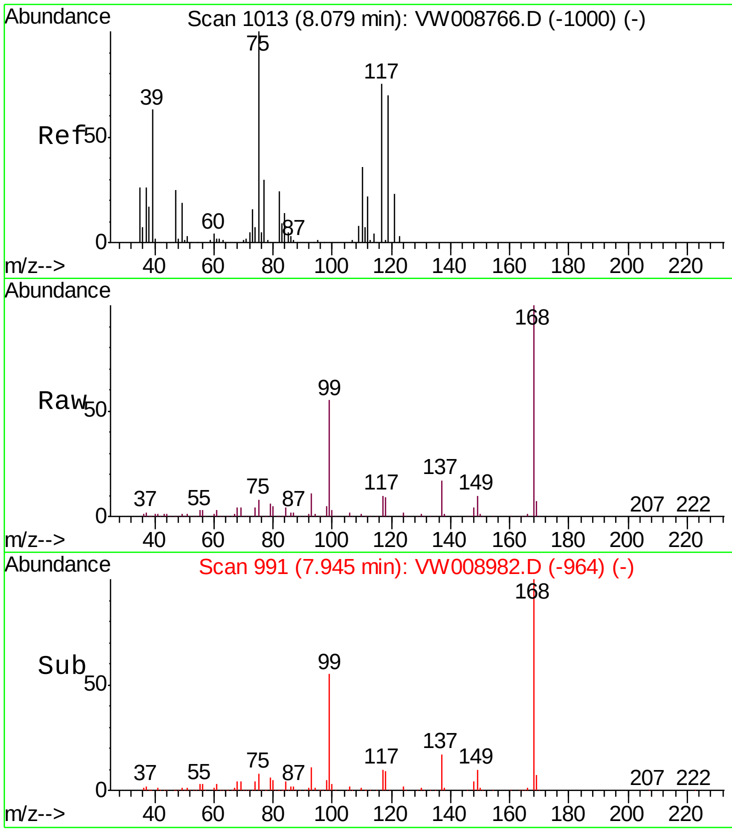


#35
Dibromofluoromethane
Concen: 51.241 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion:113 Resp: 165994

Ion	Ratio	Lower	Upper
113	100		
111	101.9	81.9	122.9
192	21.4	17.1	25.7



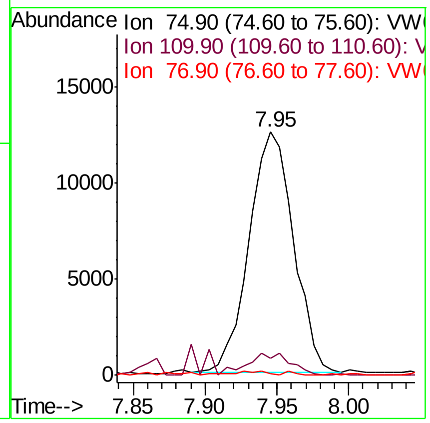


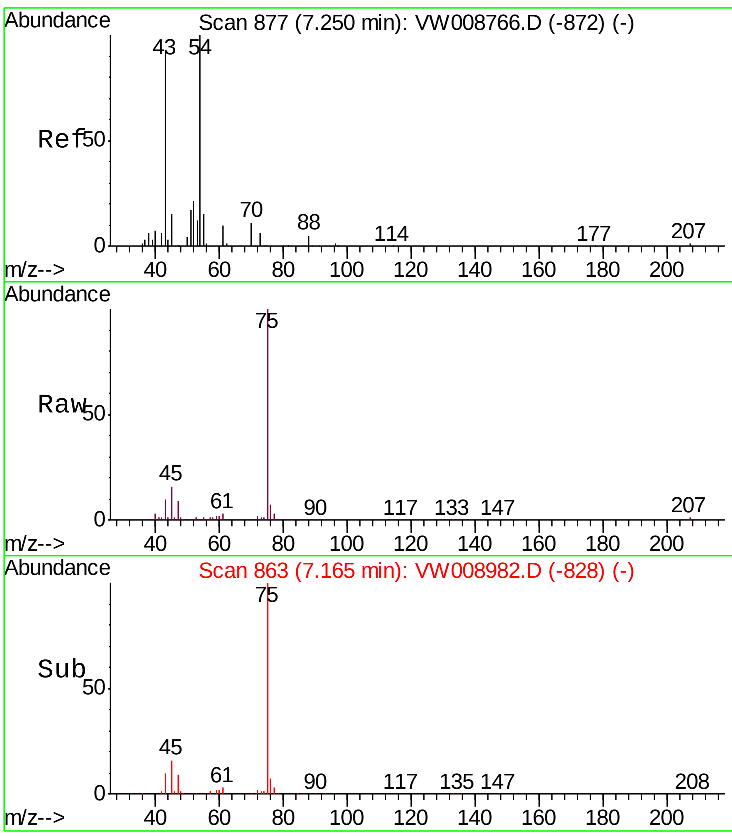
#36
1,1-Dichloropropene
Concen: 5.092 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion: 75 Resp: 26745

Ion	Ratio	Lower	Upper
75	100		
110	0.0	17.5	52.6#
77	1.1	24.5	36.7#

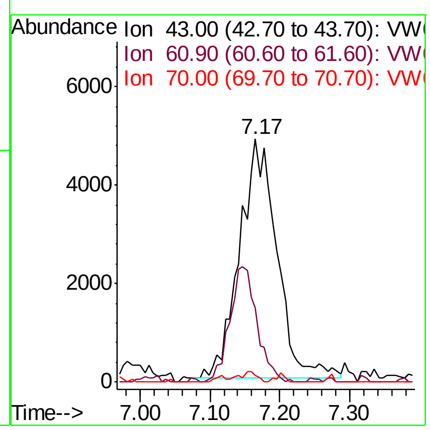


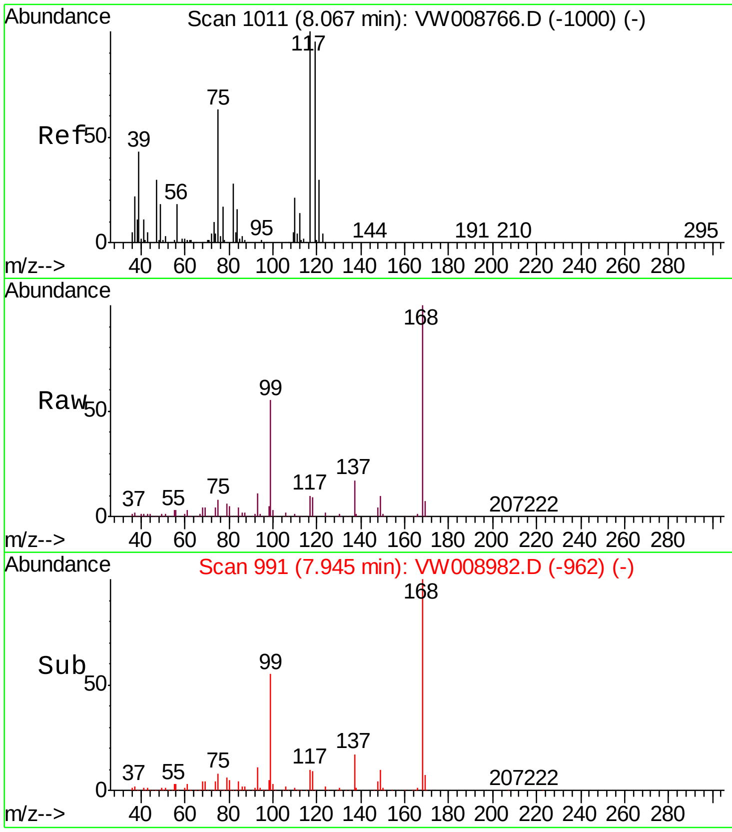


#37
Ethyl Acetate
Concen: 7.447 ug/l
RT: 7.17 min Scan# 863
Delta R.T. -0.09 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 43 Resp: 18187

Ion	Ratio	Lower	Upper
43	100		
61	35.0	9.8	14.8#
70	2.0	8.4	12.6#

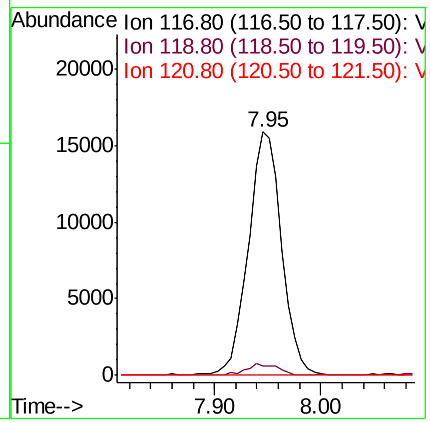




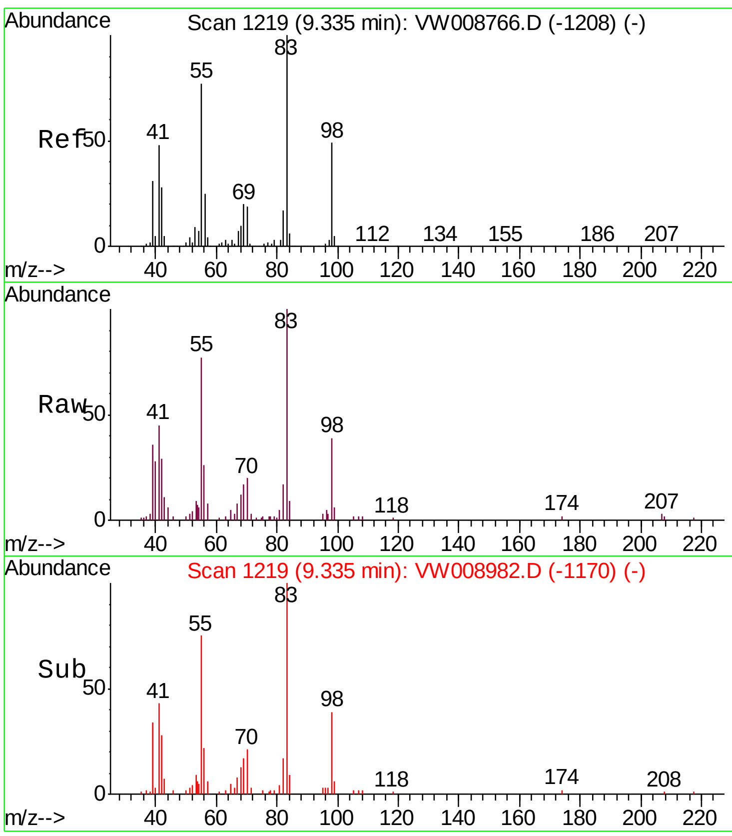
#38
Carbon Tetrachloride
Concen: 6.319 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion:117 Resp: 34998

Ion	Ratio	Lower	Upper
117	100		
119	3.9	76.1	114.1#
121	0.0	24.0	36.0#



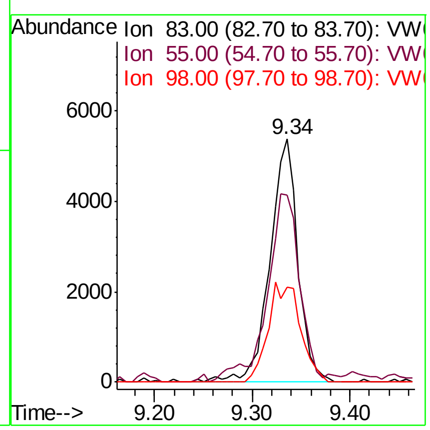
Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

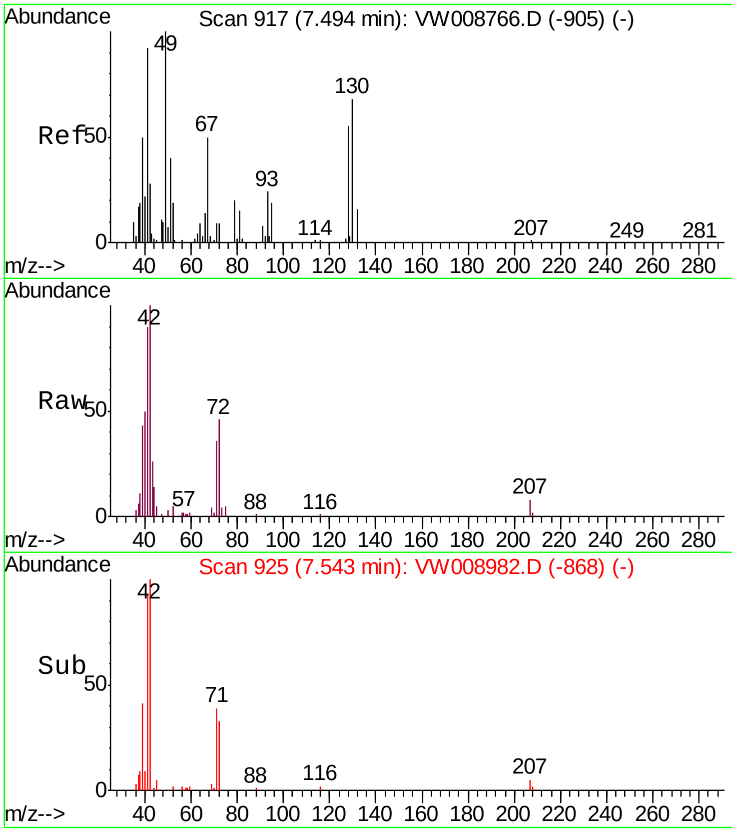


#39
Methylcyclohexane
Concen: 1.637 ug/l
RT: 9.34 min Scan# 1219
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 83 Resp: 10723

Ion	Ratio	Lower	Upper
83	100		
55	77.0	61.2	91.8
98	38.8	39.4	59.2#



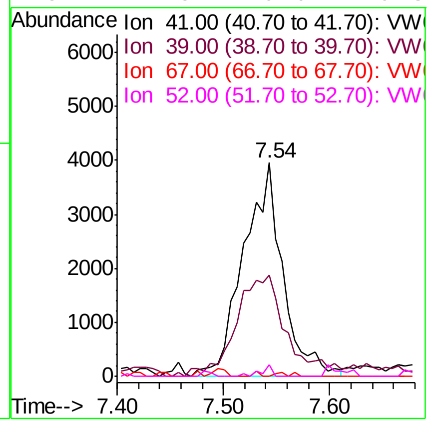


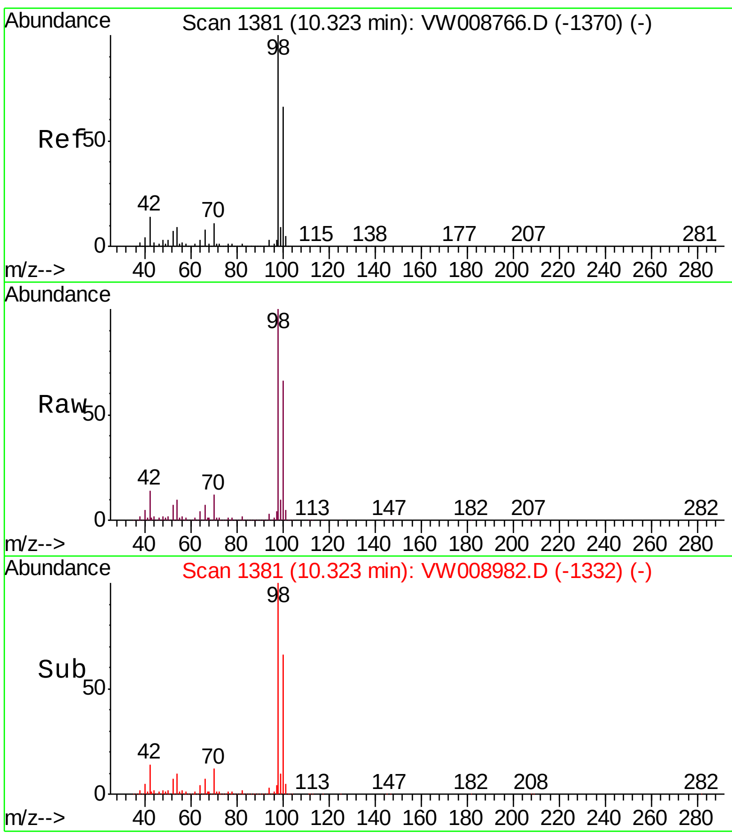
#41
Methacrylonitrile
Concen: 7.132 ug/l
RT: 7.54 min Scan# 925
Delta R.T. 0.05 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-J

Tgt Ion: 41 Resp: 10239

Ion	Ratio	Lower	Upper
41	100		
39	61.1	52.5	78.7
67	0.3	55.0	82.6#
52	1.5	26.9	40.3#

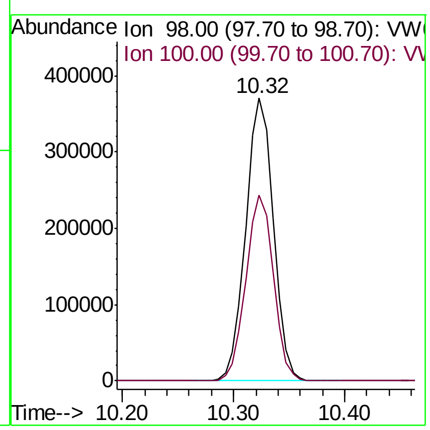


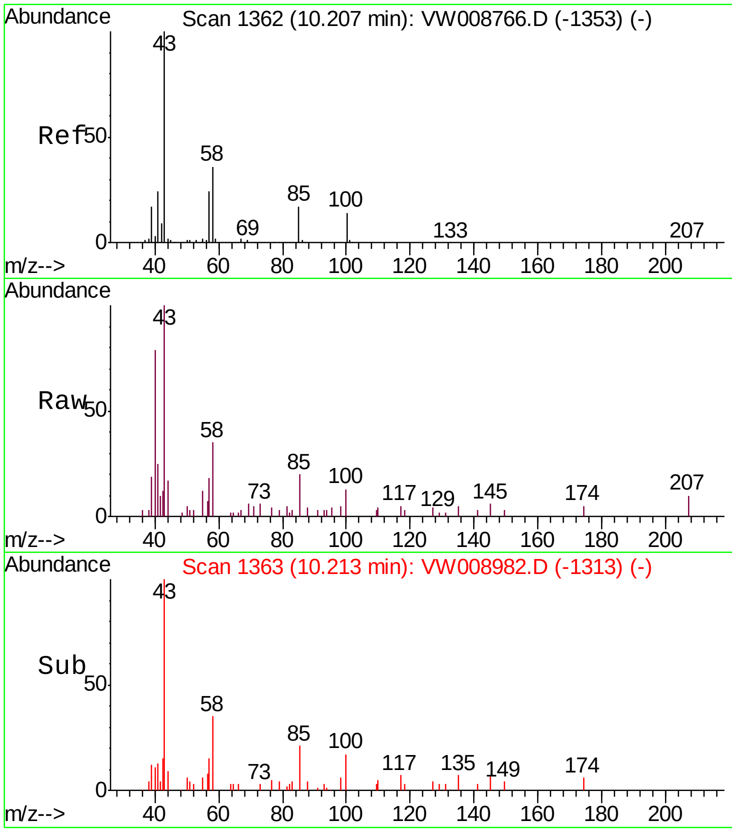


#50
Toluene-d8
Concen: 51.402 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 98 Resp: 642804

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.4	78.6

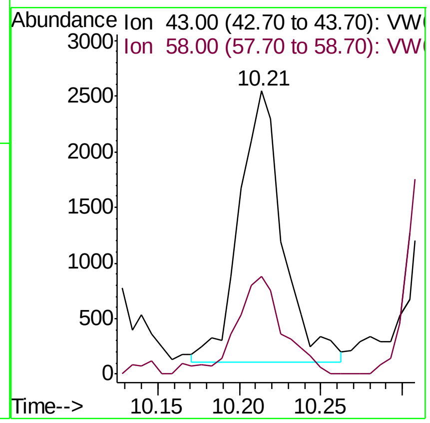


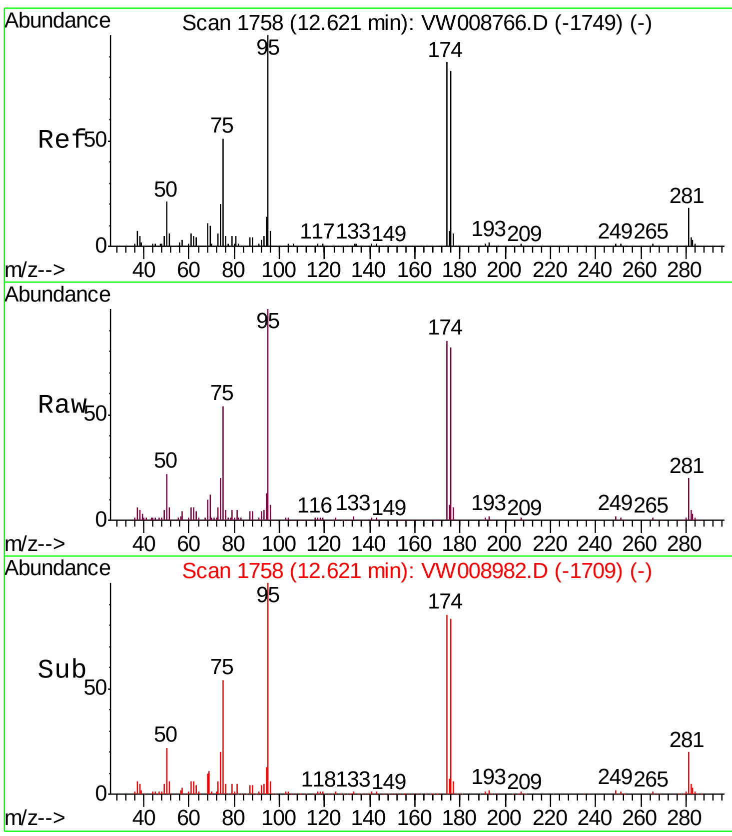


#51
4-Methyl-2-Pentanone
Concen: 1.835 ug/l
RT: 10.21 min   Scan# 1363
Delta R.T.   0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019   01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

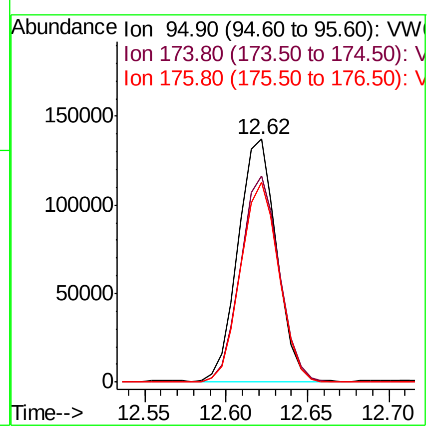
Tgt Ion: 43	Resp:		4540
Ion	Ratio	Lower	Upper
43	100		
58	39.9	29.1	43.7

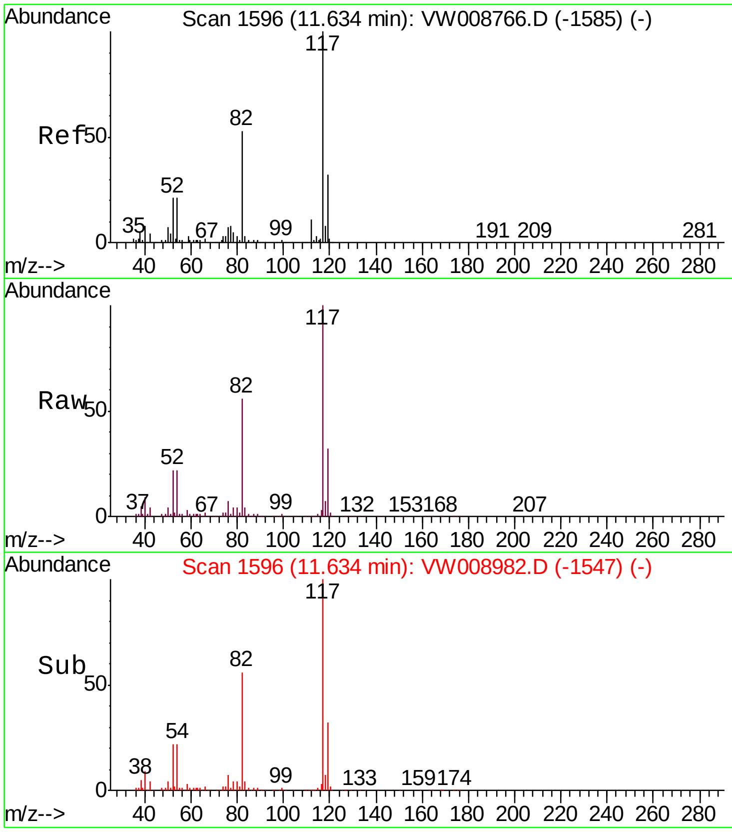




#62
4-Bromofluorobenzene
Concen: 45.744 ug/l
RT: 12.62 min   Scan# 1758
Delta R.T.   0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019   01:31

Tgt Ion: 95	Resp:		223979
Ion	Ratio	Lower	Upper
95	100		
174	85.8	0.0	169.2
176	82.8	0.0	163.6



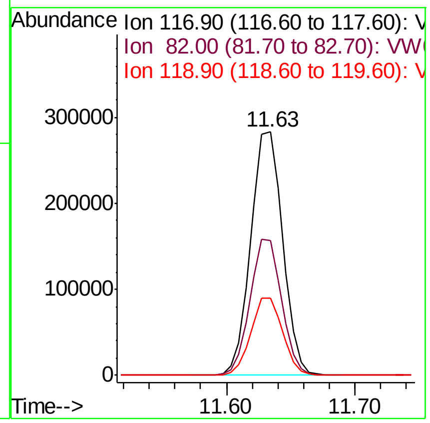


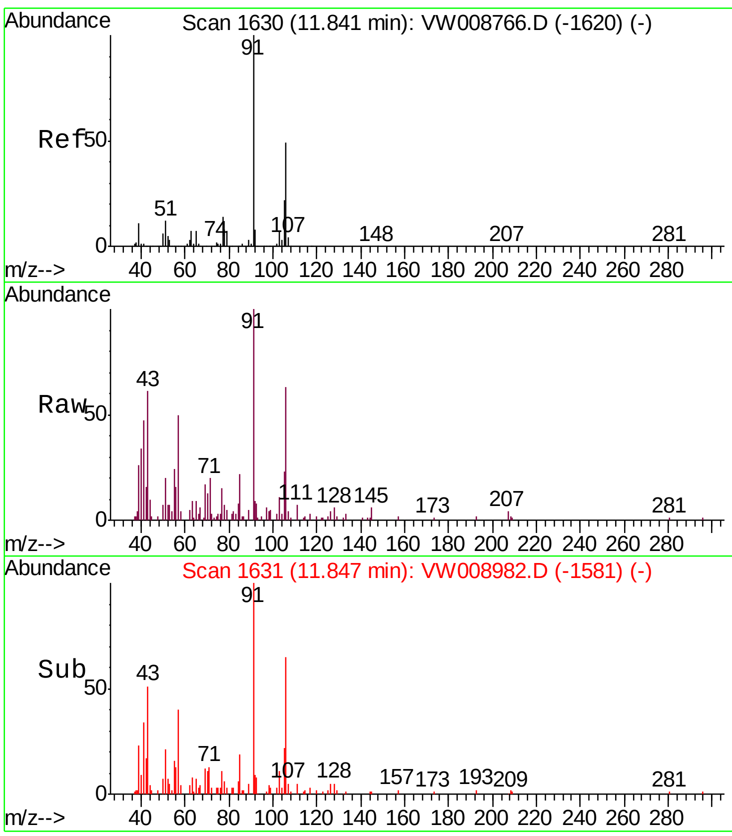
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:117 Resp: 483228

Ion	Ratio	Lower	Upper
117	100		
82	55.6	42.2	63.4
119	31.5	25.9	38.9

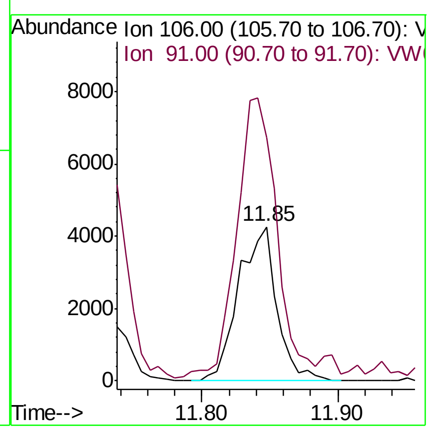


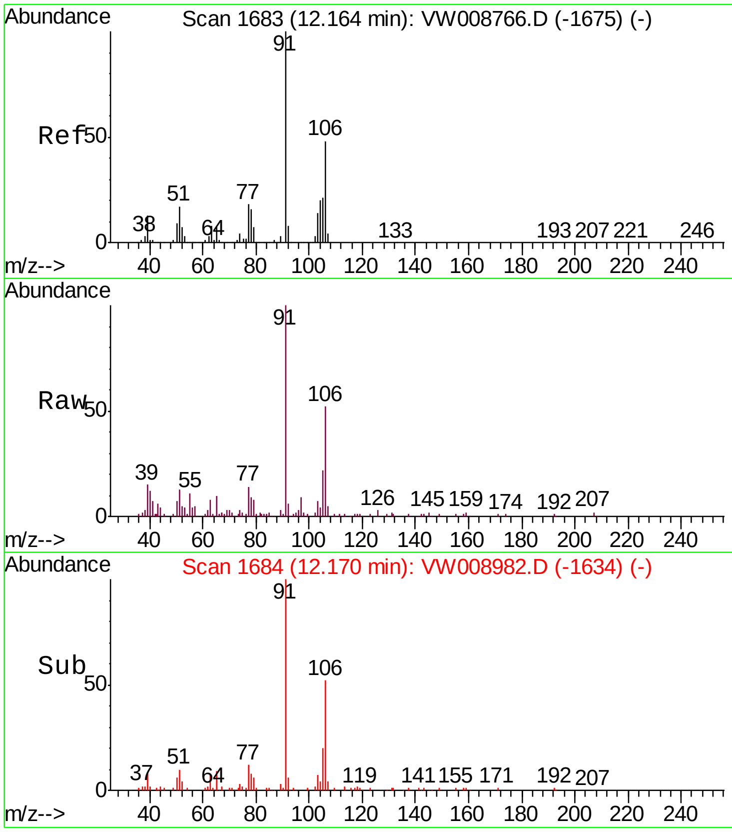


#68
m/p-Xylenes
Concen: 1.152 ug/l
RT: 11.85 min Scan# 1631
Delta R.T. 0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion:106 Resp: 8359

Ion	Ratio	Lower	Upper
106	100		
91	189.0	161.5	242.3



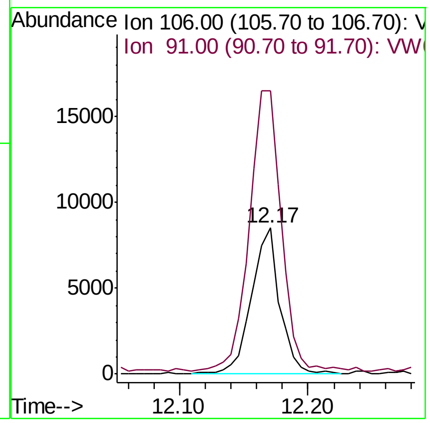


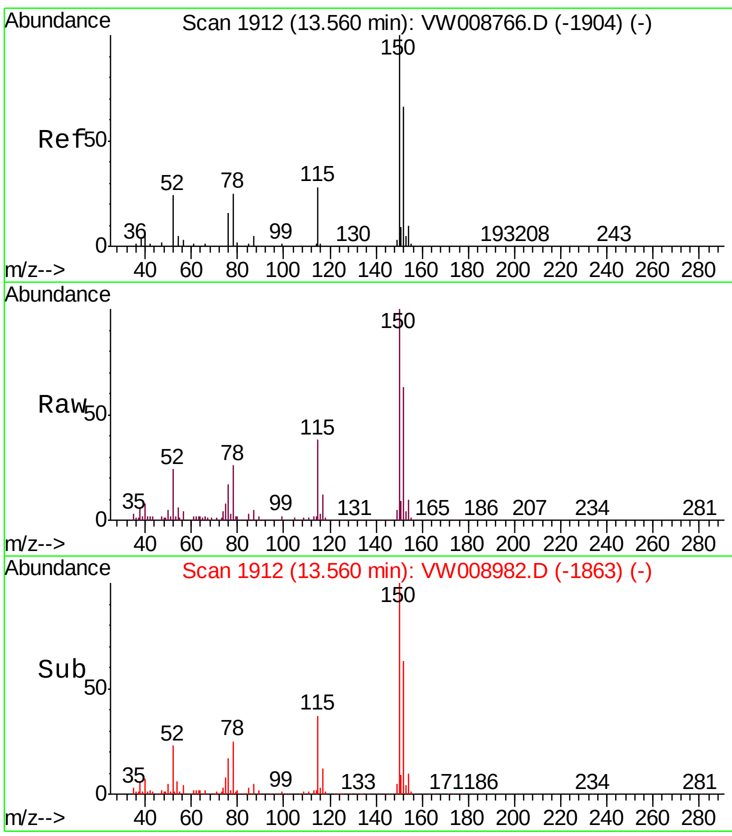
#69
o-Xylene
Concen: 1.892 ug/l
RT: 12.17 min Scan# 1684
Delta R.T. 0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:106 Resp: 12885

Ion	Ratio	Lower	Upper
106	100		
91	217.5	106.2	318.6

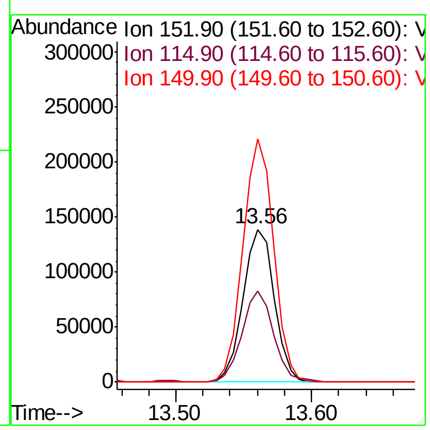


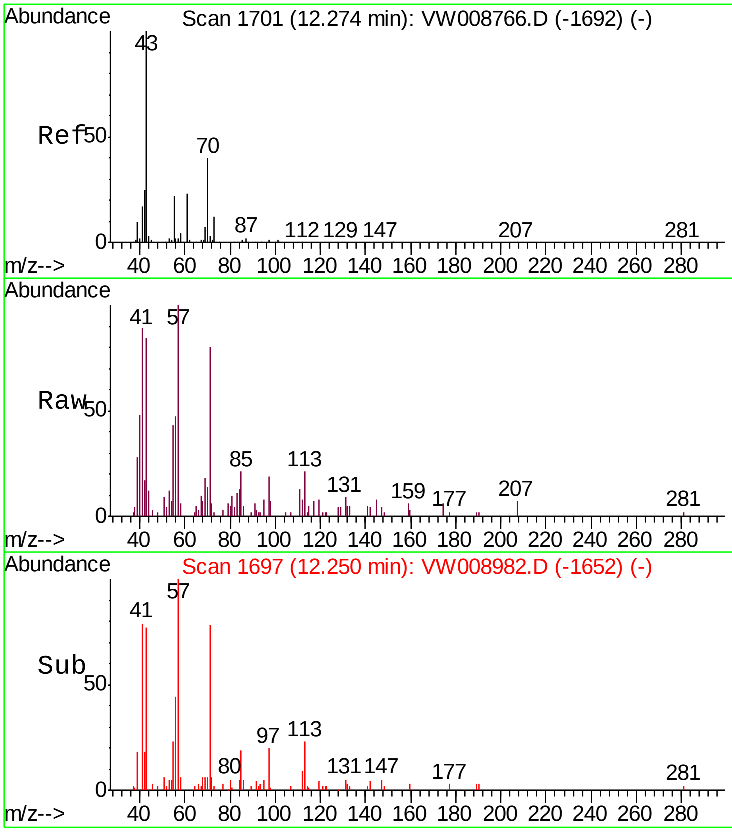


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion:152 Resp: 224281

Ion	Ratio	Lower	Upper
152	100		
115	59.6	28.6	85.8
150	155.8	0.0	348.0



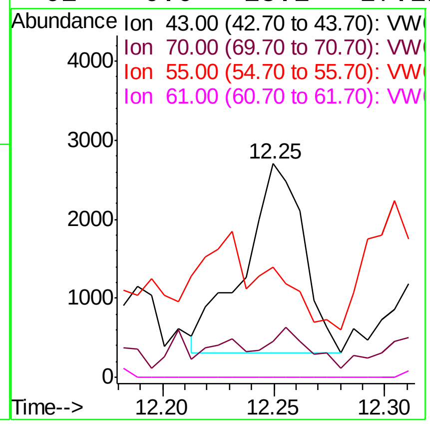


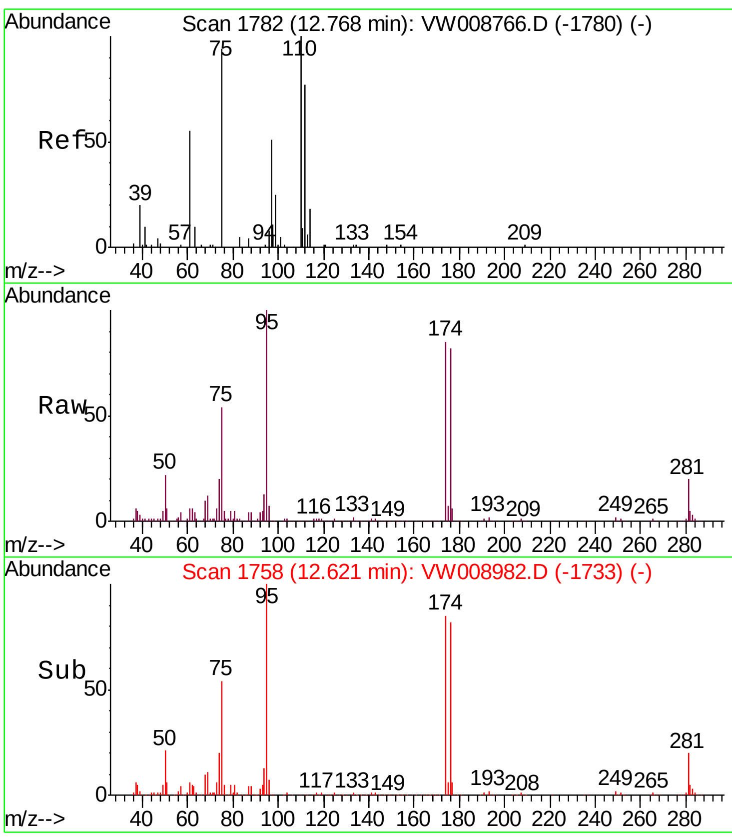
#74
N-amyl acetate
Concen: 1.148 ug/l
RT: 12.25 min Scan# 1697
Delta R.T. -0.02 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument : MSVOA_W
ClientSampleId : JC-03-030119-J

Tgt Ion: 43 Resp: 4448

Ion	Ratio	Lower	Upper
43	100		
70	14.9	31.0	46.6#
55	0.0	18.7	28.1#
61	0.0	18.1	27.1#

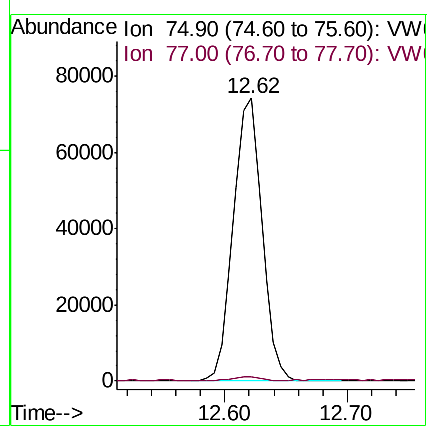


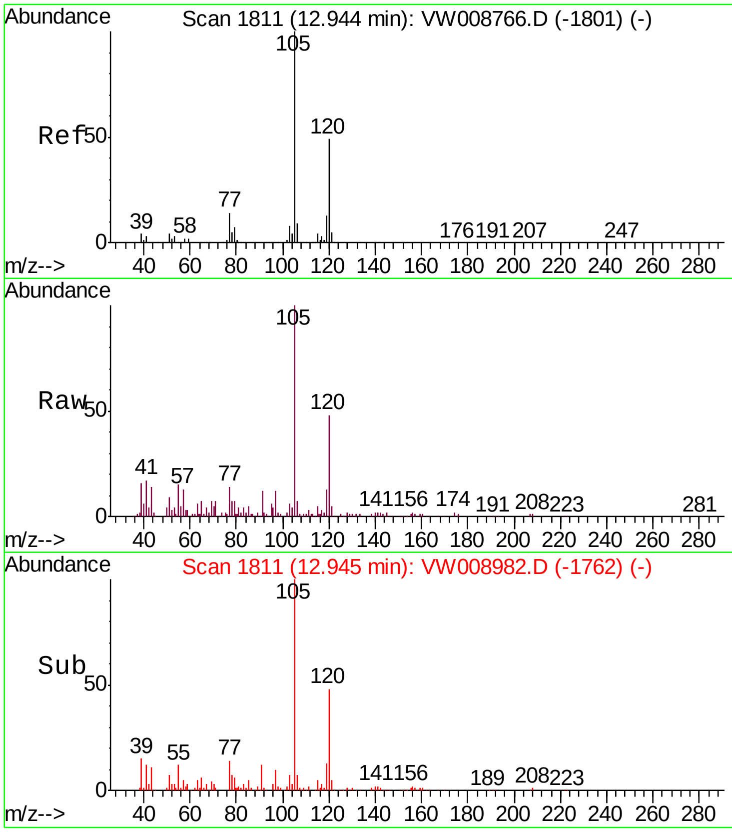


#76
1,2,3-Trichloropropane
Concen: 65.227 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 75 Resp: 120784

Ion	Ratio	Lower	Upper
75	100		
77	1.5	0.0	0.0#



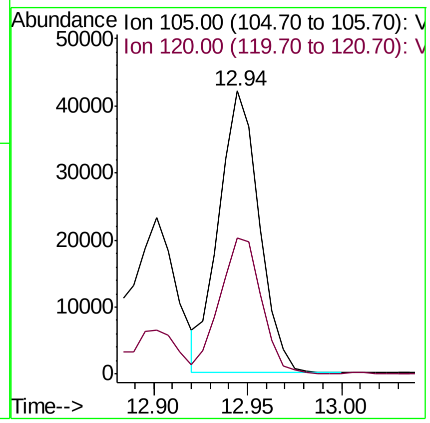


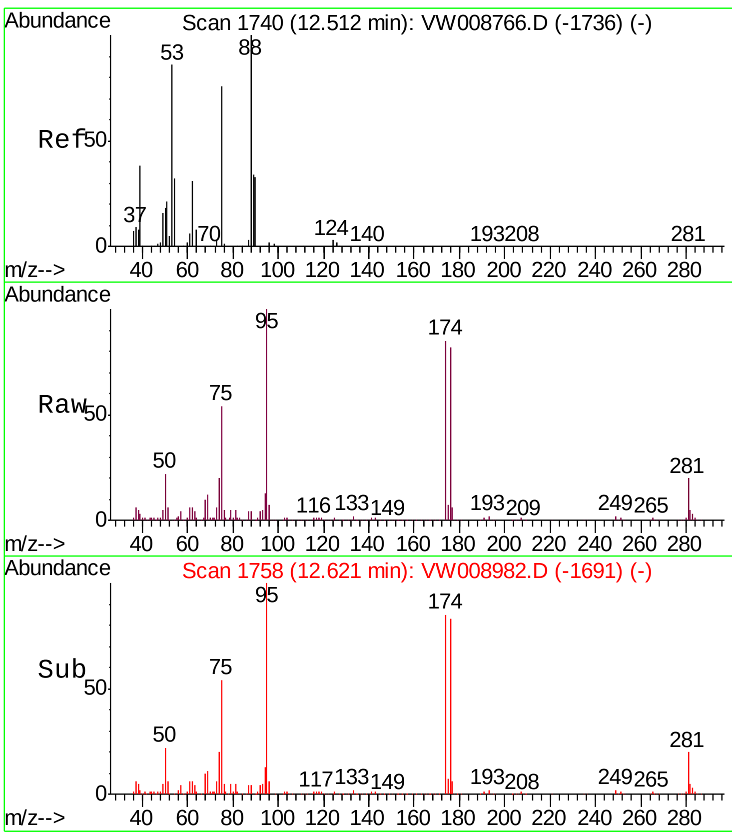
#80
1,3,5-Trimethylbenzene
Concen: 4.658 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:105 Resp: 62238

Ion	Ratio	Lower	Upper
105	100		
120	49.9	24.8	74.4

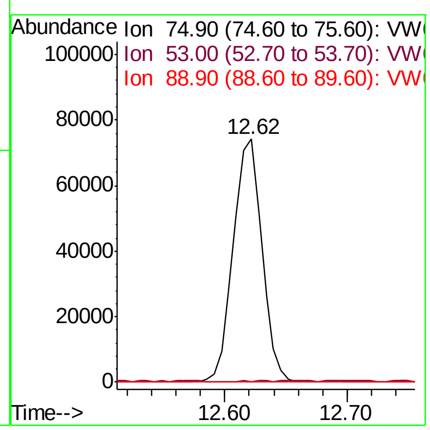


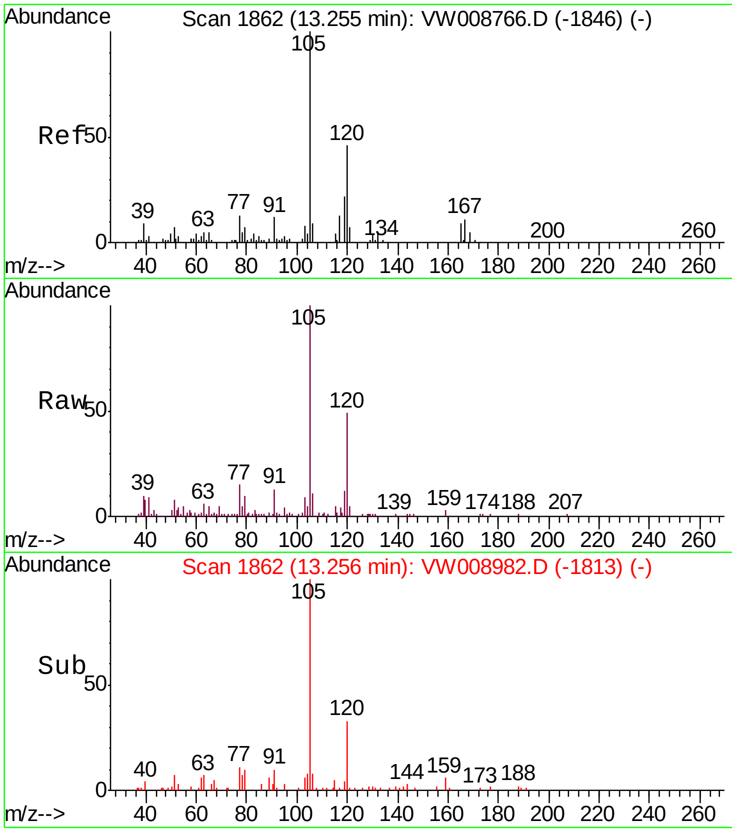


#81
trans-1,4-Dichloro-2-butene
Concen: 158.573 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion: 75 Resp: 120784

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



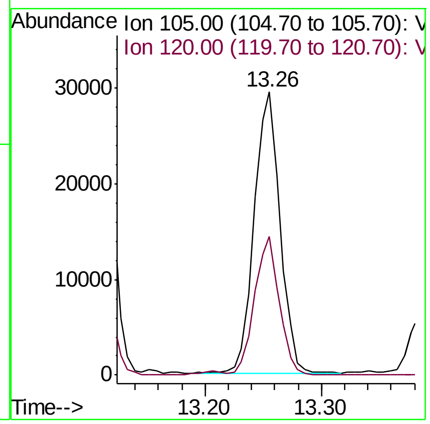


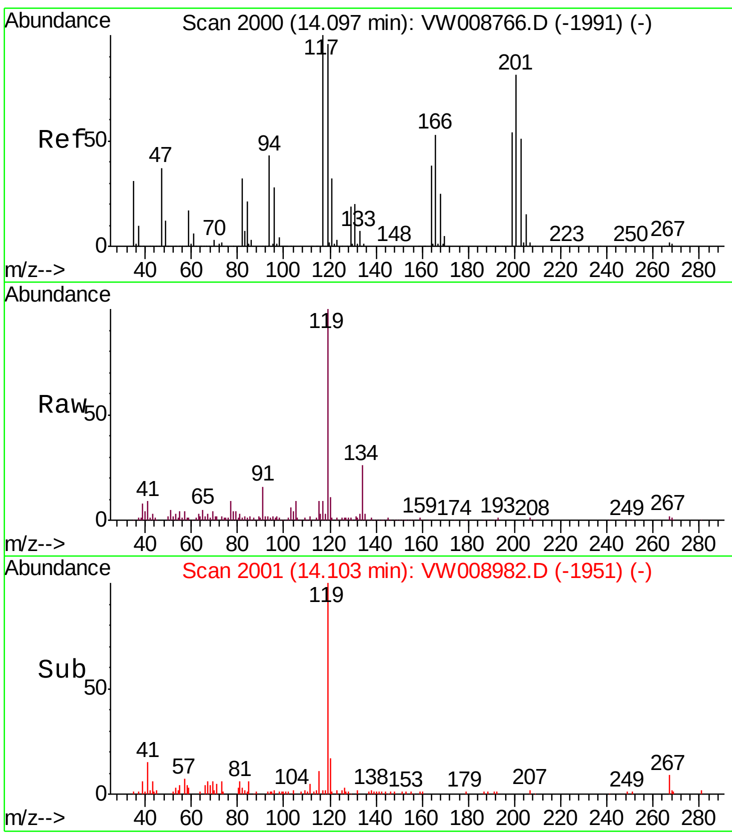
#84
1,2,4-Trimethylbenzene
Concen: 3.319 ug/l
RT: 13.26 min Scan# 1862
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:105 Resp: 45908

Ion	Ratio	Lower	Upper
105	100		
120	46.8	22.8	68.4

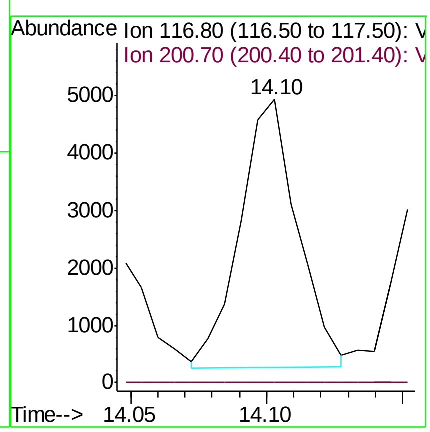


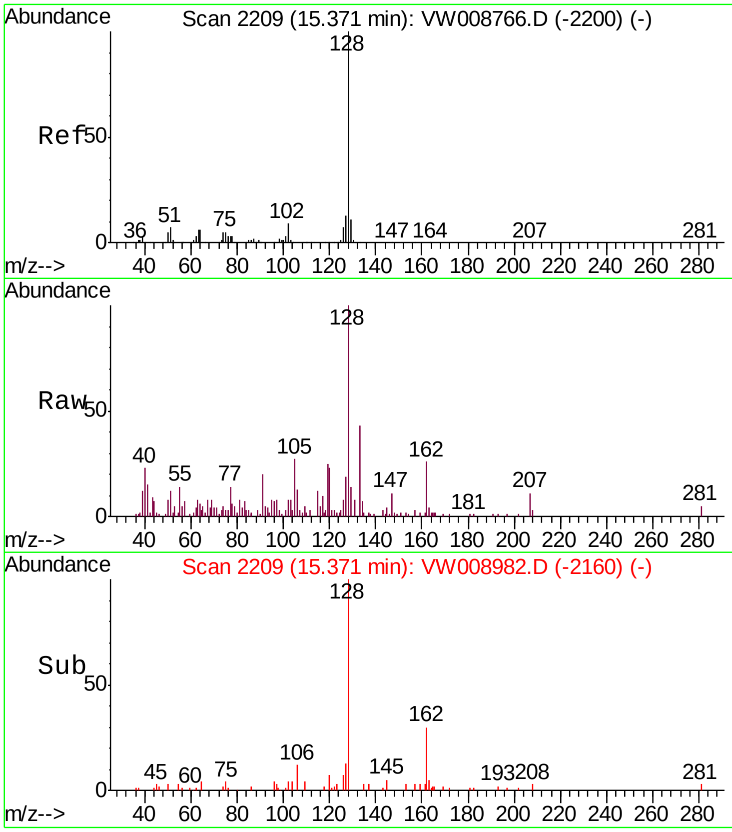


#90
Hexachloroethane
Concen: 2.734 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Tgt Ion:117 Resp: 6815

Ion	Ratio	Lower	Upper
117	100		
201	0.0	40.3	120.8#





#95
Naphthalene
Concen: 1.554 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008982.D
Acq: 05 Mar 2019 01:31

Instrument :
MSVOA_W
ClientSampleId :
JC-03-030119-J

Tgt Ion:128 Resp: 12806

Ion	Ratio	Lower	Upper
128	100		
127	20.5	10.8	16.2#
129	10.2	8.7	13.1