Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

Quantitation Report (Not Reviewed)

Data File : VW008625.D
Acq On : 12 Feb 2019 16:17
Operator : SY/VA
Sample : K1343-03RE
Misc : 6.93G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Quant Time: Feb 13 00:22:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.95	168	406480	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.84	114	671127	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.63	117	609769	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	268410	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.30	65	236255	59.16	ug/l		0.00
Spiked Amount 50.000			Recovery = 118.32%				
35) Dibromofluoromethane	7.88	113	212119	54.05	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.10%				
50) Toluene-d8	10.32	98	802180	50.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.96%				
62) 4-Bromofluorobenzene	12.62	95	286973	47.44	ug/l		0.00
Spiked Amount 50.000			Recovery = 94.88%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	2.01	85	103	3.293	ug/l	#	41
7) Trichlorofluoromethane	3.25	101	64	4.741	ug/l	#	67
13) Acrolein	3.89	56	119	4.598	ug/l	#	1
16) Acetone	4.12	43	52179	58.187	ug/l		98
20) Methylene Chloride	4.91	84	16865	4.080	ug/l		95
25) 2-Butanone	7.16	43	5778	4.639	ug/l	#	64
26) 2,2-Dichloropropane	7.14	77	5230	1.021	ug/l	#	53
29) Tetrahydrofuran	7.52	42	3612	4.576	ug/l	#	83
31) Cyclohexane	7.95	56	10383	1.325	ug/l	#	10
36) 1,1-Dichloropropene	7.95	75	31629	4.989	ug/l	#	51
38) Carbon Tetrachloride	7.94	117	40382	6.330	ug/l	#	16
49) 1,4-Dioxane	9.45	88	57	1.495	ug/l	#	1
51) 4-Methyl-2-Pentanone	10.21	43	4211	1.463	ug/l		99
59) 2-Hexanone	10.96	43	2125	1.046	ug/l		68
76) 1,2,3-Trichloropropane	12.62	75	152102	65.178	ug/l	#	1
77) Bromobenzene	12.91	156	36707	8.400	ug/l	#	1
80) 1,3,5-Trimethylbenzene	12.94	105	22469	1.343	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.62	75	152102	128.732	ug/l	#	12
84) 1,2,4-Trimethylbenzene	13.25	105	64956	3.821	ug/l		99
90) Hexachloroethane	14.10	117	6774	1.860	ug/l	#	11
95) Naphthalene	15.37	128	28619	2.925	ug/l	#	96

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

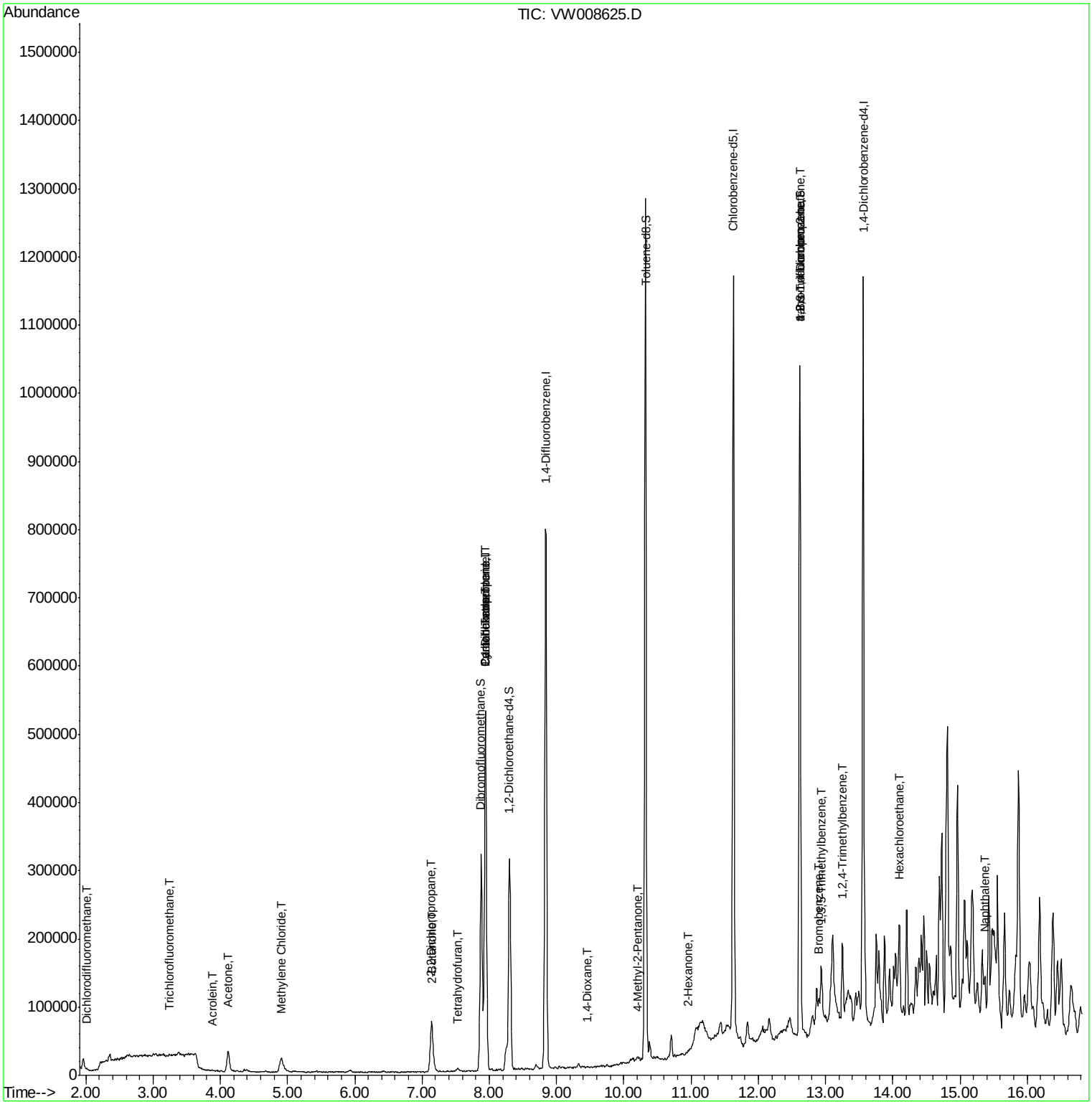
Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW021219\

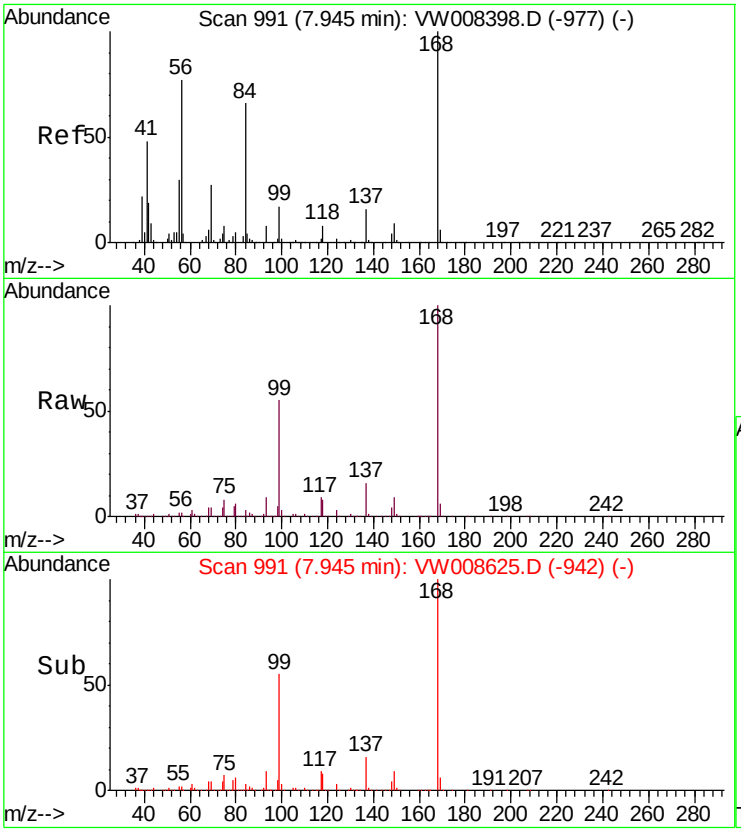
Quantitation Report (Not Reviewed)

Data File : VW008625.D
Acq On : 12 Feb 2019 16:17
Operator : SY/VA
Sample : K1343-03RE
Misc : 6.93G/5ML/MSVOA_W/SOIL
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Quant Time: Feb 13 00:22:44 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W012419S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 25 11:07:41 2019
Response via : Initial Calibration



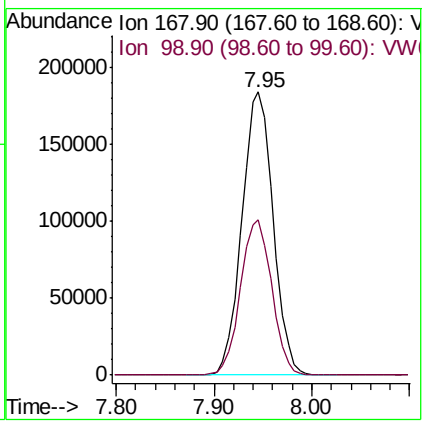


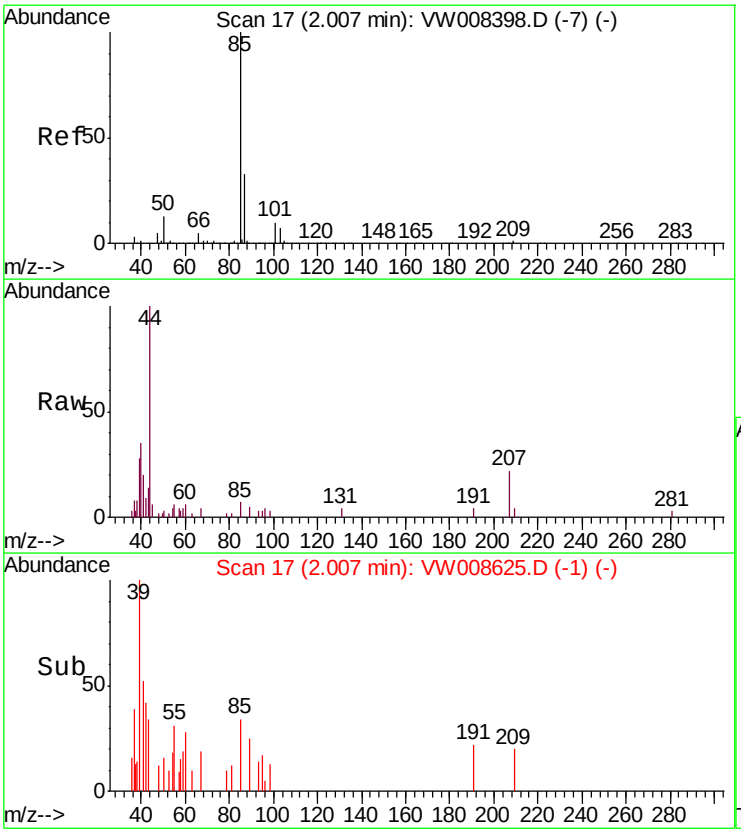
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion:168 Resp: 406480

Ion	Ratio	Lower	Upper
168	100		
99	54.9	45.5	68.3

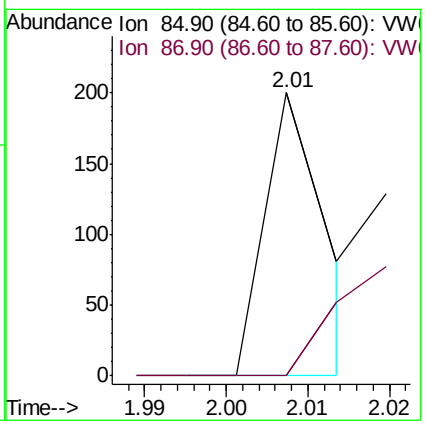


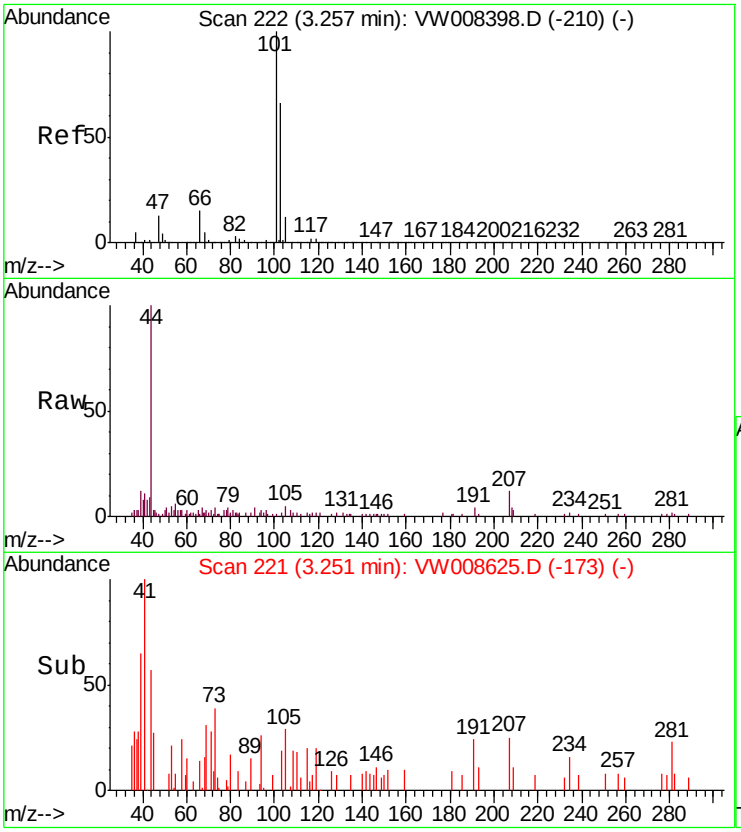


#2
Dichlorodifluoromethane
Concen: 3.293 ug/l
RT: 2.01 min Scan# 17
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 85 Resp: 103

Ion	Ratio	Lower	Upper
85	100		
87	0.0	16.7	50.1#



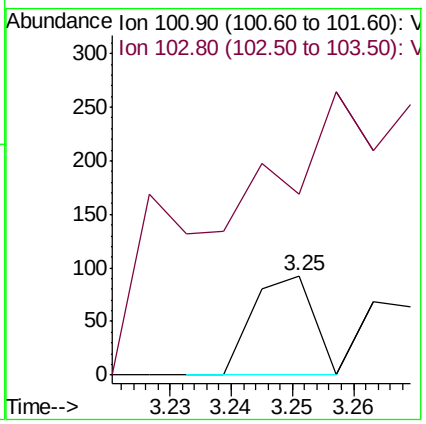


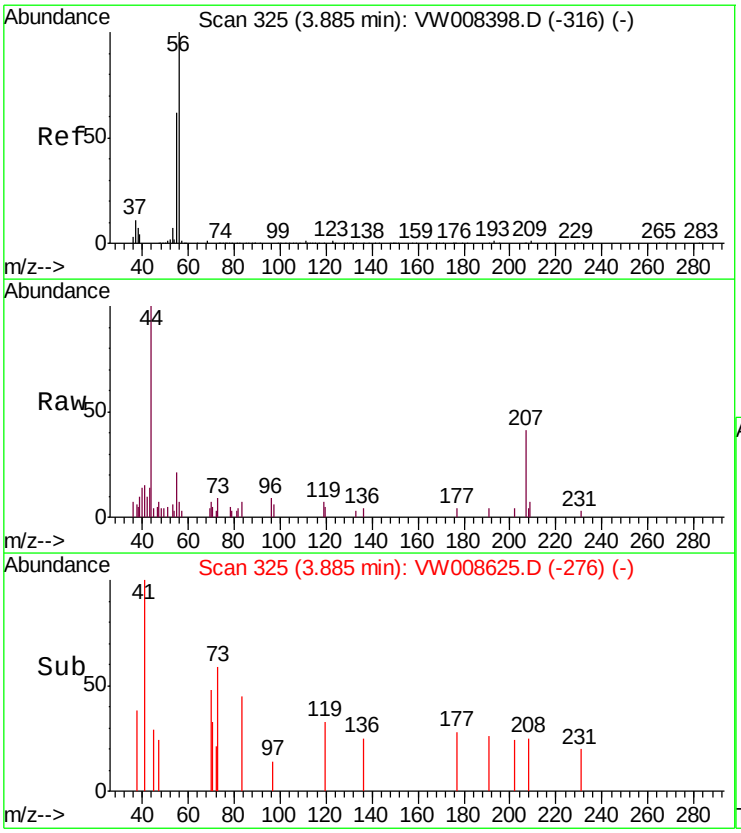
#7
Trichlorofluoromethane
Concen: 4.741 ug/l
RT: 3.25 min Scan# 221
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion:101 Resp: 64

Ion	Ratio	Lower	Upper
101	100		
103	39.8	52.5	78.7#

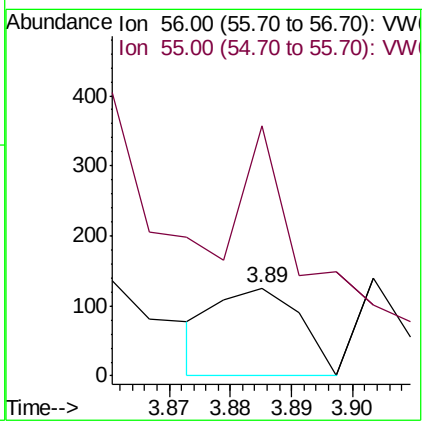


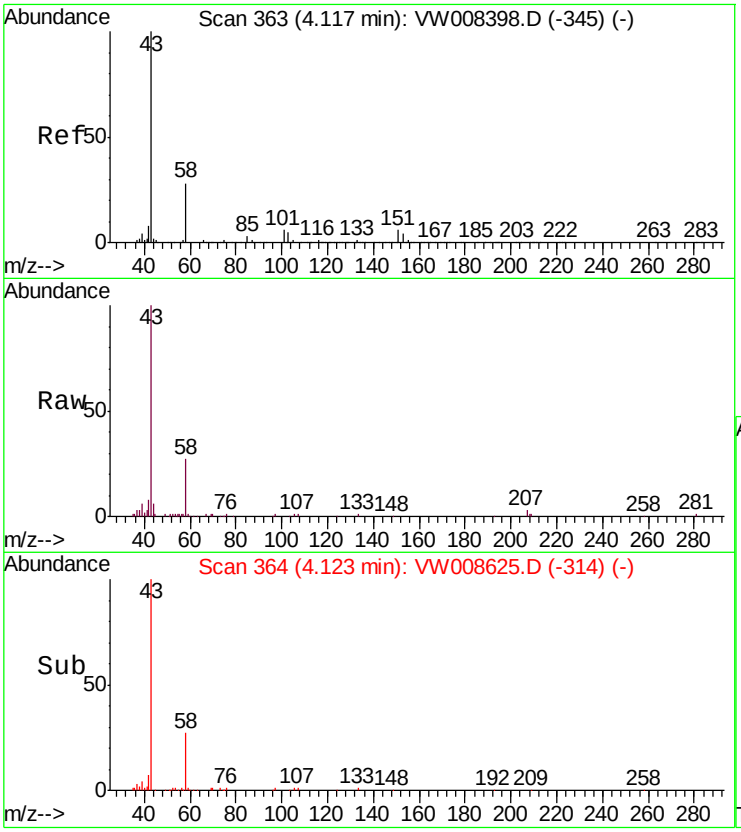


#13
Acrolein
Concen: 4.598 ug/l
RT: 3.89 min Scan# 325
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 56 Resp: 119

Ion	Ratio	Lower	Upper
56	100		
55	254.6	56.7	85.1#



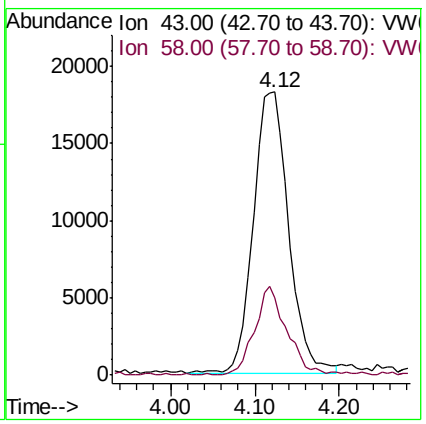


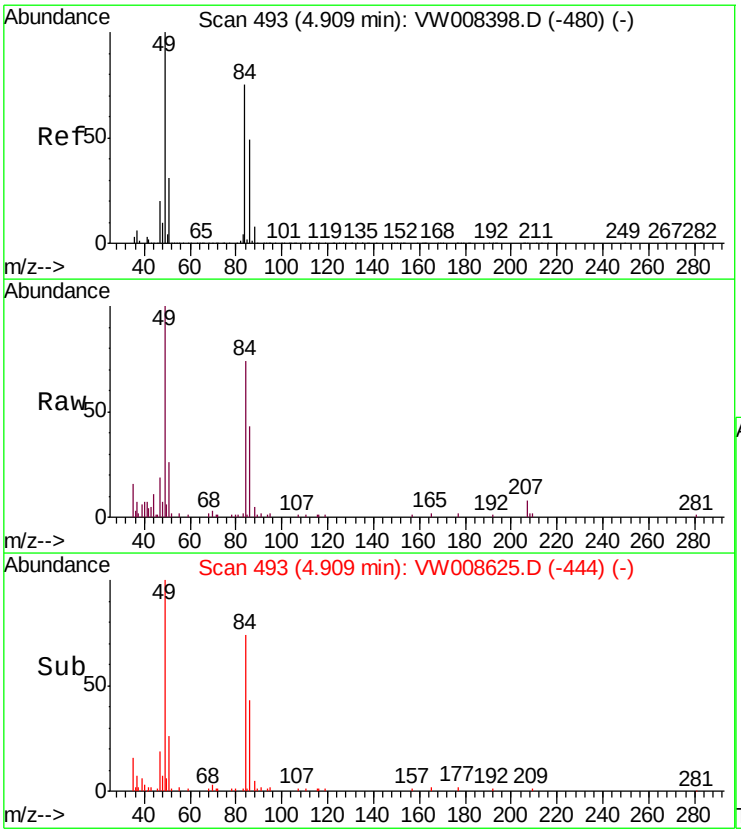
#16
Acetone
Concen: 58.187 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion: 43 Resp: 52179

Ion	Ratio	Lower	Upper
43	100		
58	27.0	22.6	34.0

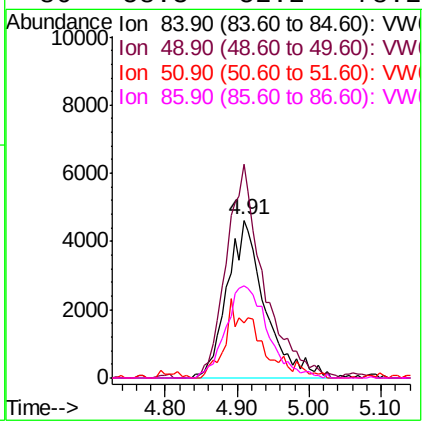


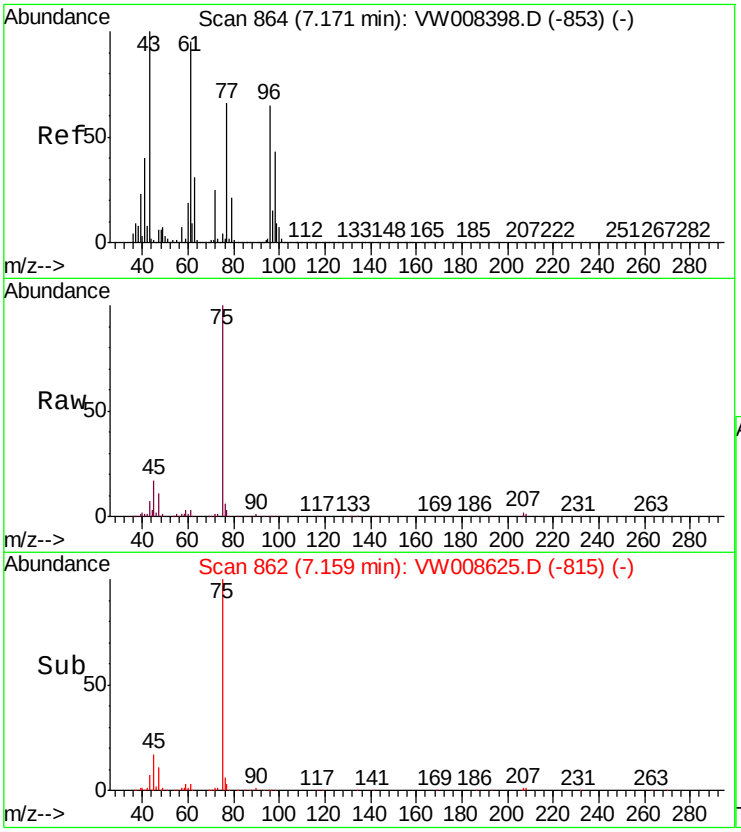


#20
Methylene Chloride
Concen: 4.080 ug/l
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 84 Resp: 16865

Ion	Ratio	Lower	Upper
84	100		
49	135.6	106.8	160.2
51	35.0	32.9	49.3
86	58.3	52.2	78.2



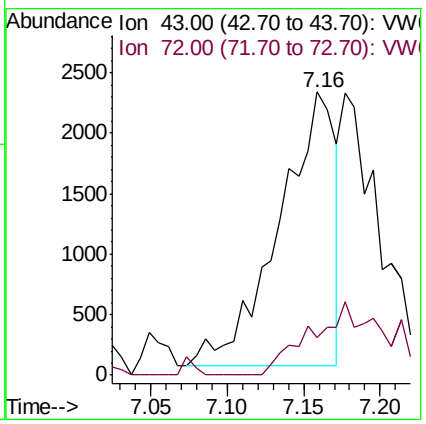


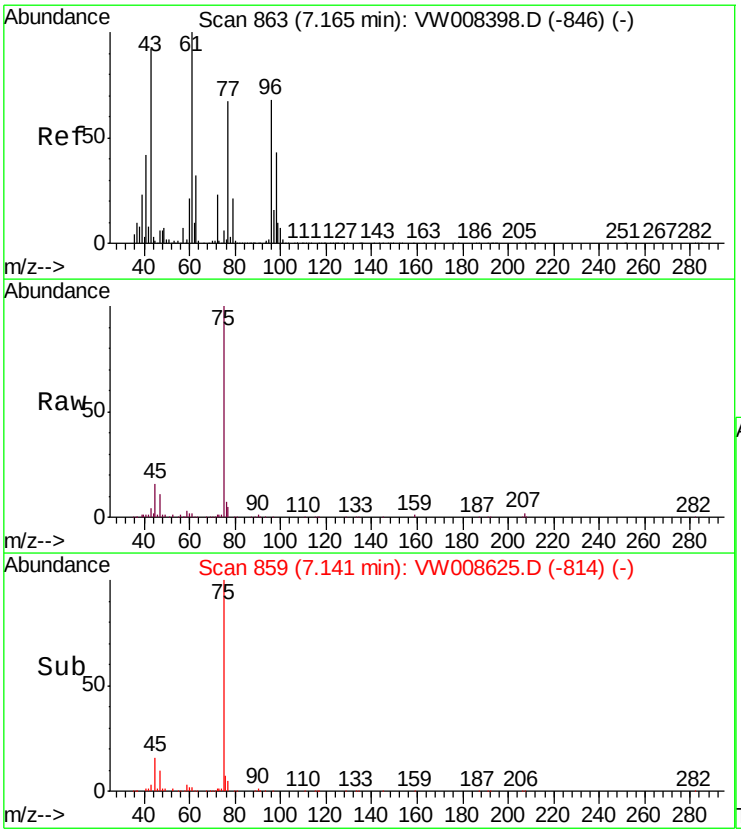
#25
2-Butanone
Concen: 4.639 ug/l
RT: 7.16 min Scan# 862
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion: 43 Resp: 5778

Ion	Ratio	Lower	Upper
43	100		
72	6.8	20.1	30.1#

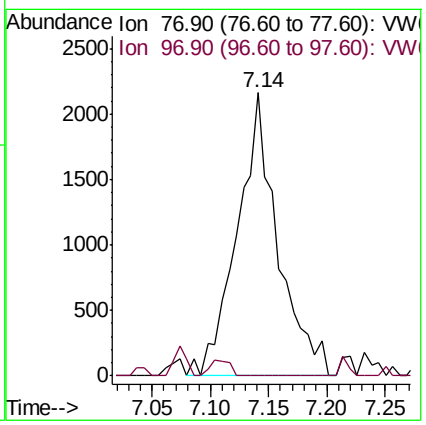


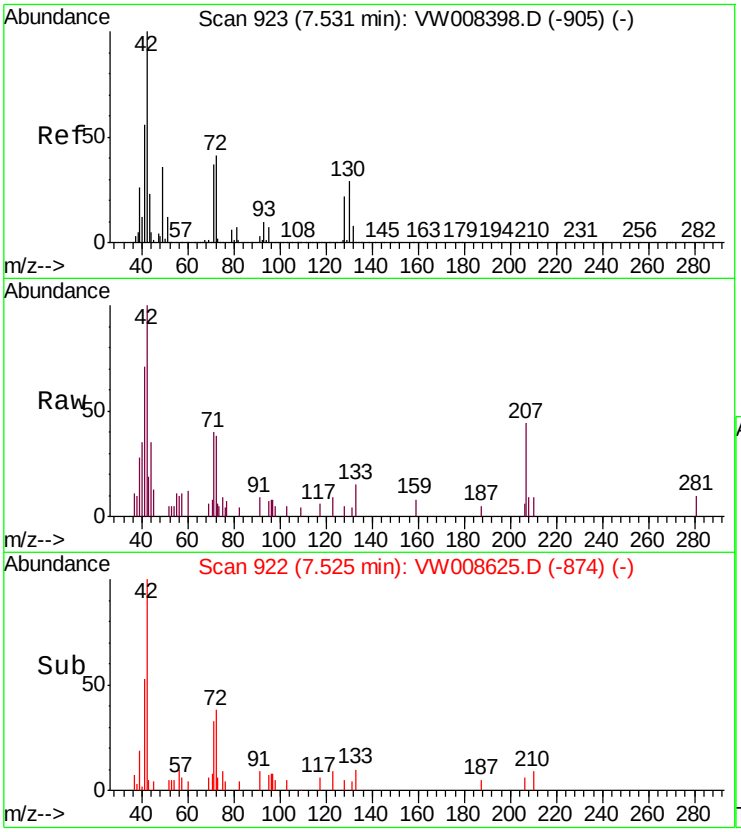


#26
2,2-Dichloropropane
Concen: 1.021 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.02 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 77 Resp: 5230

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.5	34.5#



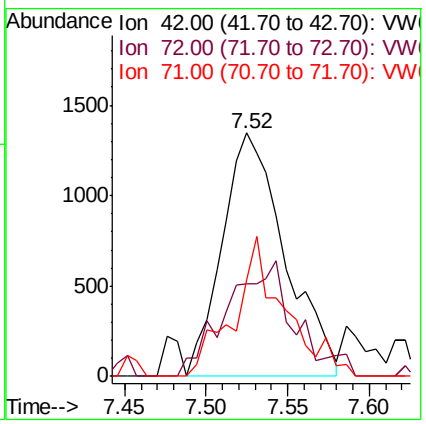


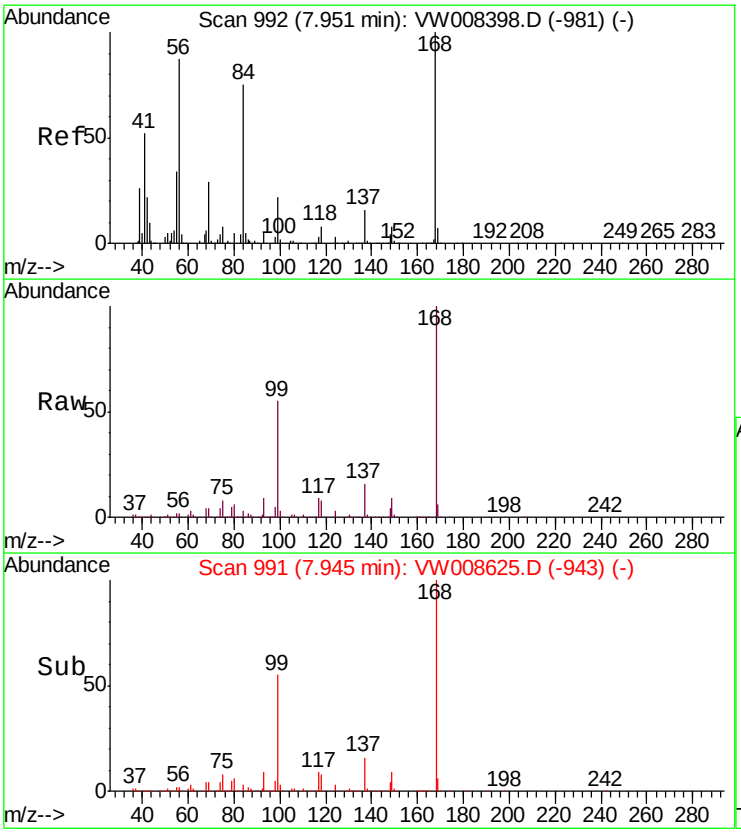
#29
Tetrahydrofuran
Concen: 4.576 ug/l
RT: 7.52 min Scan# 922
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion: 42 Resp: 3612

Ion	Ratio	Lower	Upper
42	100		
72	51.3	31.9	47.9#
71	46.4	29.9	44.9#

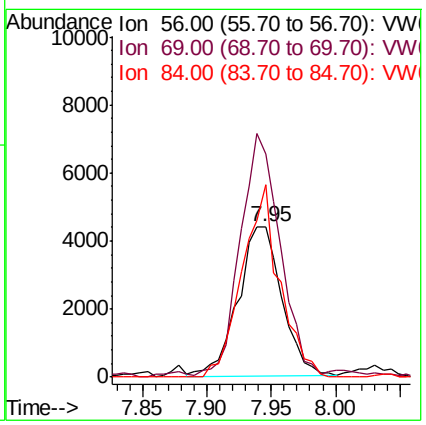


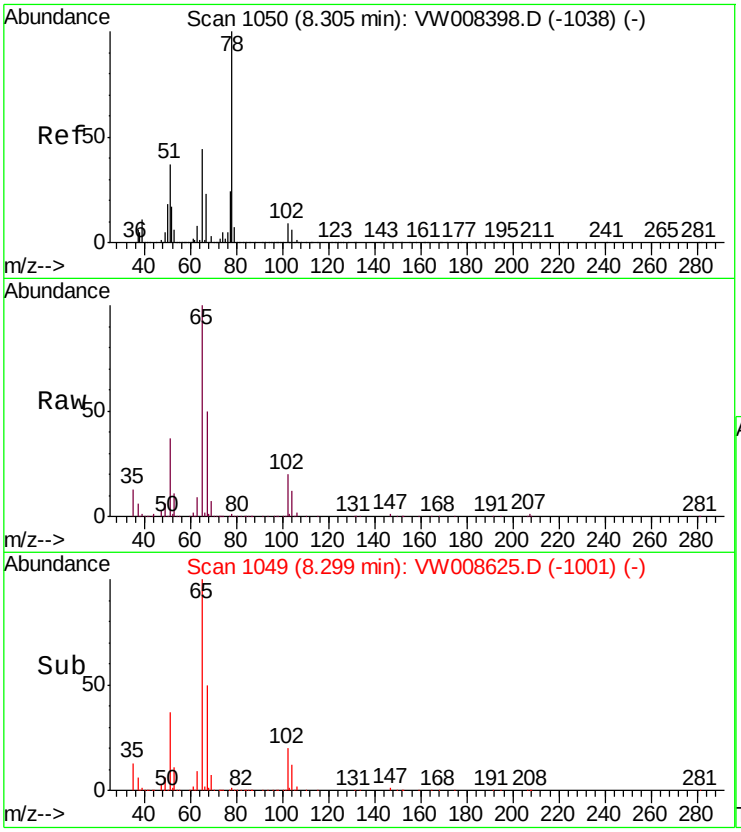


#31
Cyclohexane
Concen: 1.325 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 56 Resp: 10383

Ion	Ratio	Lower	Upper
56	100		
69	147.8	26.4	39.6#
84	129.1	69.1	103.7#



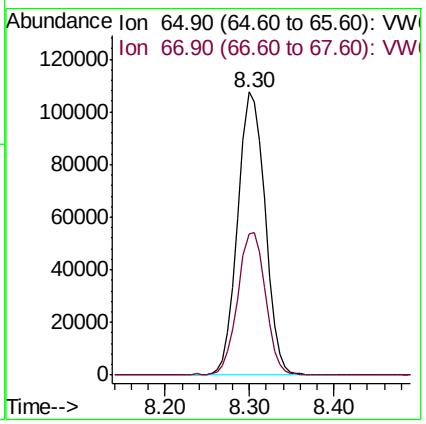


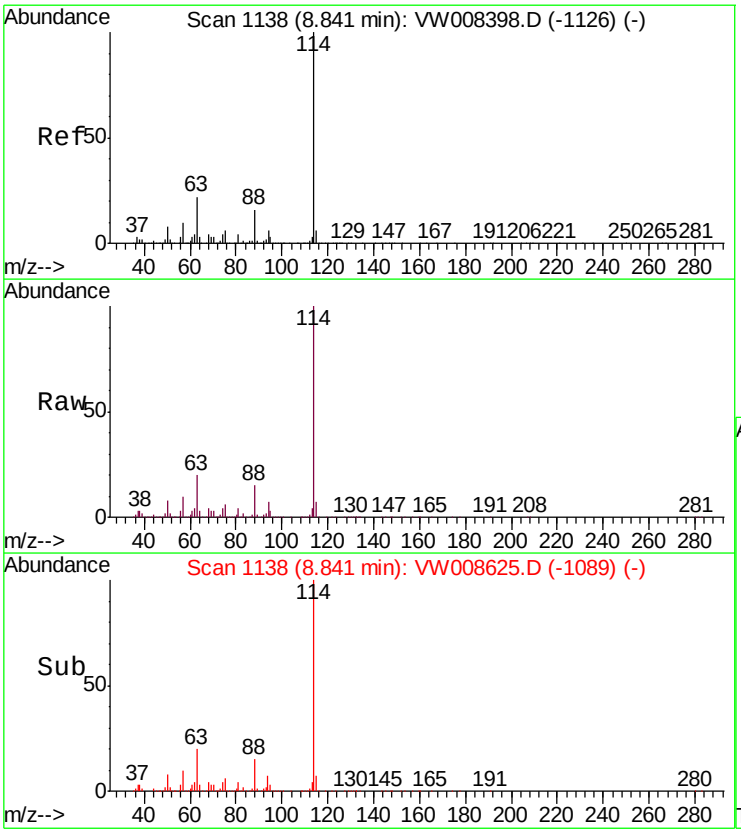
#33
1,2-Dichloroethane-d4
Concen: 59.163 ug/l
RT: 8.30 min Scan# 1049
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion: 65 Resp: 236255

Ion	Ratio	Lower	Upper
65	100		
67	51.0	0.0	104.0

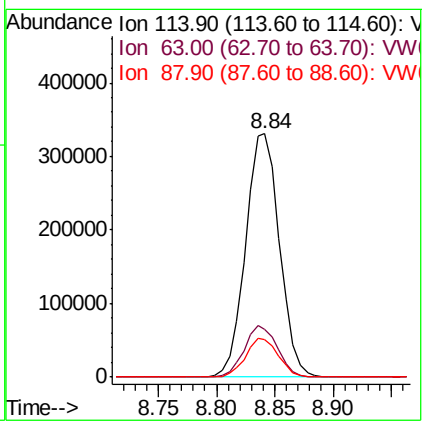


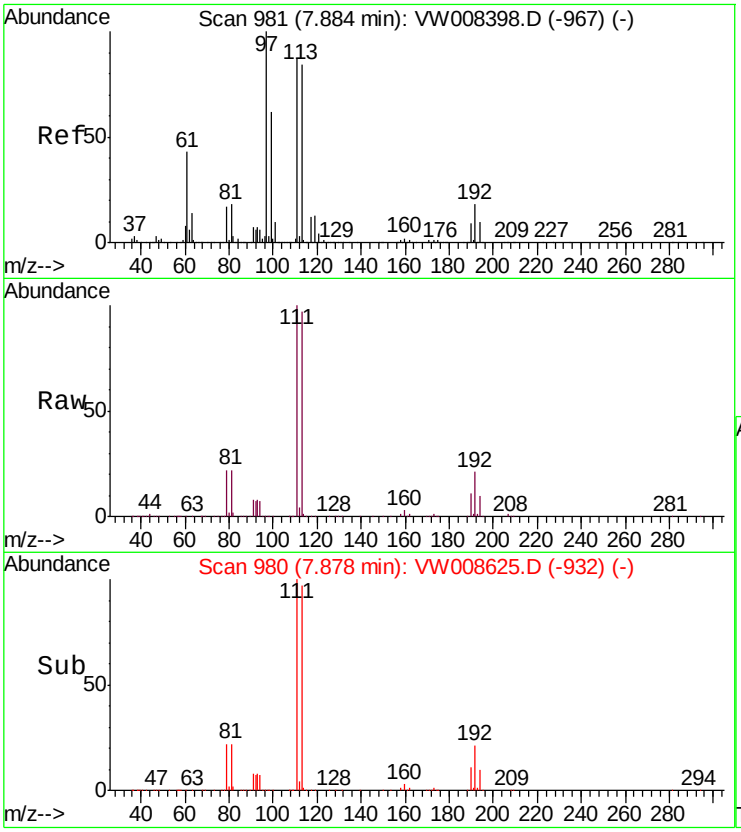


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion:114 Resp: 671127

Ion	Ratio	Lower	Upper
114	100		
63	19.8	0.0	43.6
88	15.3	0.0	31.8



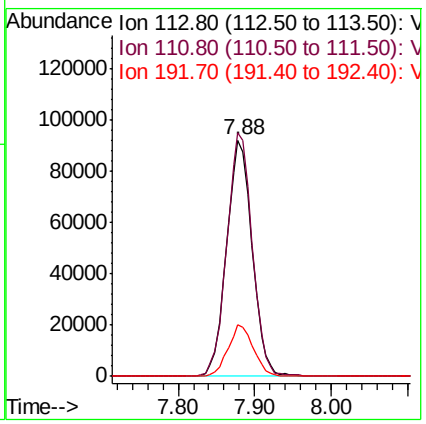


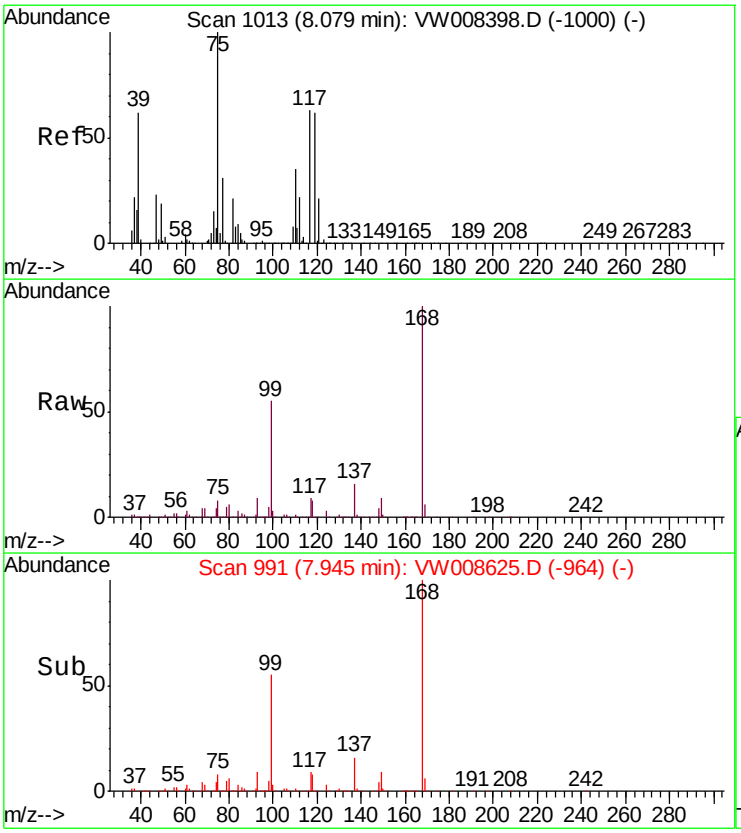
#35
Dibromofluoromethane
Concen: 54.053 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion:113 Resp: 212119

Ion	Ratio	Lower	Upper
113	100		
111	102.5	81.0	121.4
192	21.5	16.8	25.2

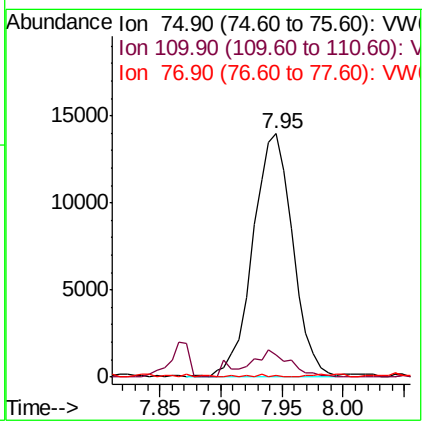


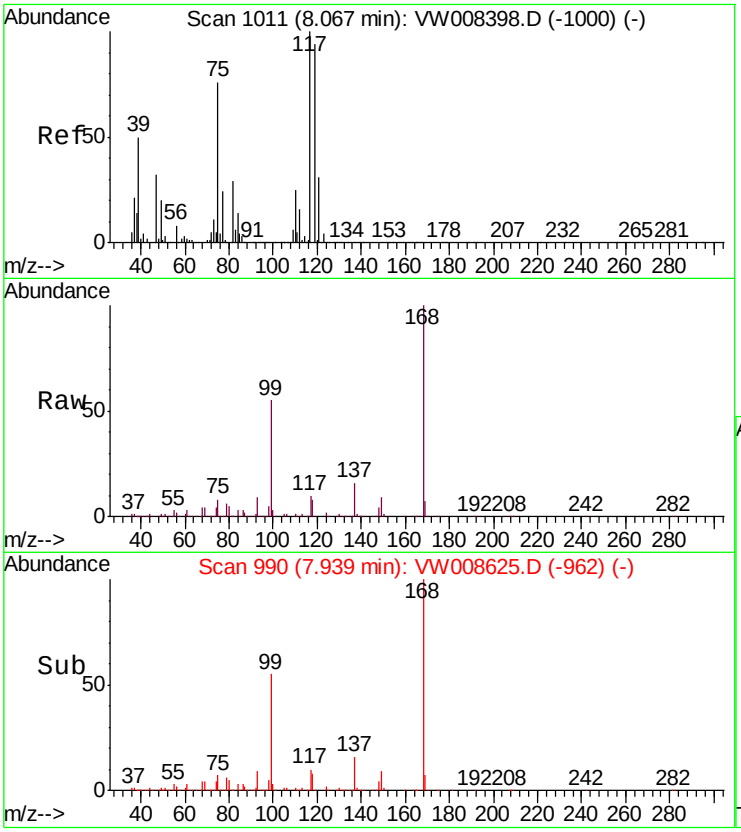


#36
1,1-Dichloropropene
Concen: 4.989 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 75 Resp: 31629

Ion	Ratio	Lower	Upper
75	100		
110	9.8	17.3	52.0#
77	0.6	24.7	37.1#



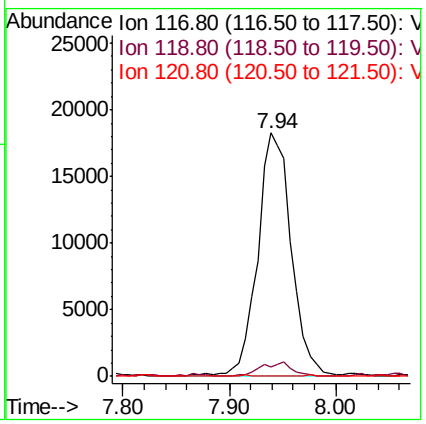


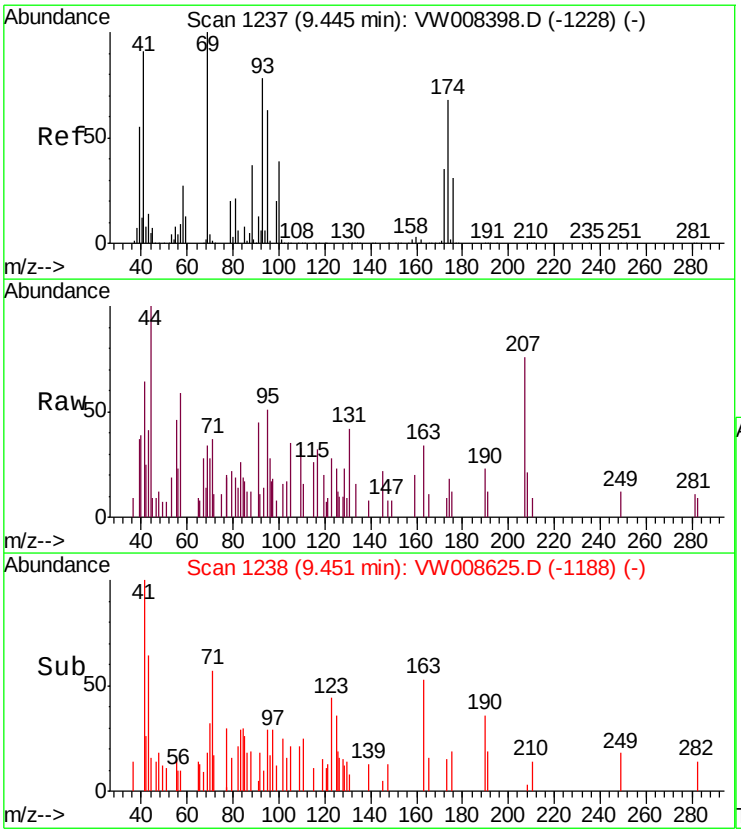
#38
Carbon Tetrachloride
Concen: 6.330 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.13 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion:117 Resp: 40382

Ion	Ratio	Lower	Upper
117	100		
119	3.7	75.0	112.4#
121	0.0	24.9	37.3#

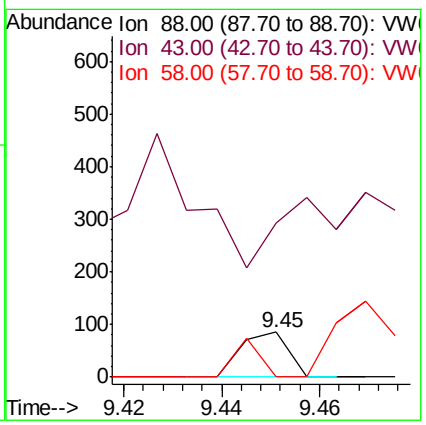


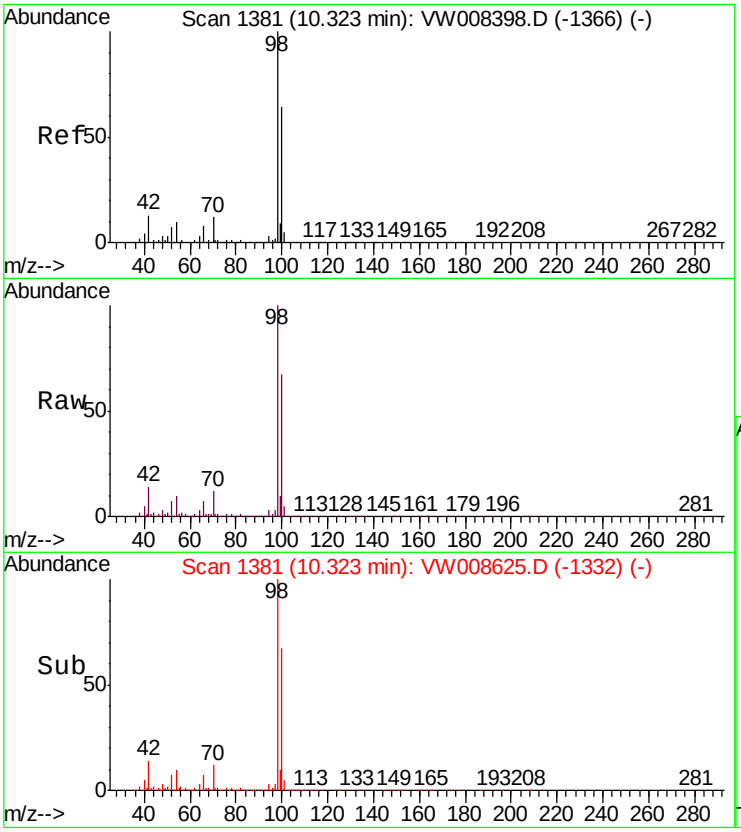


#49
1,4-Dioxane
Concen: 1.495 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 88 Resp: 57

Ion	Ratio	Lower	Upper
88	100		
43	187.7	29.0	43.4#
58	47.4	56.4	84.6#



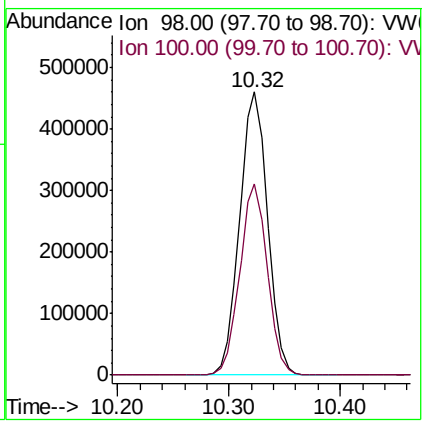


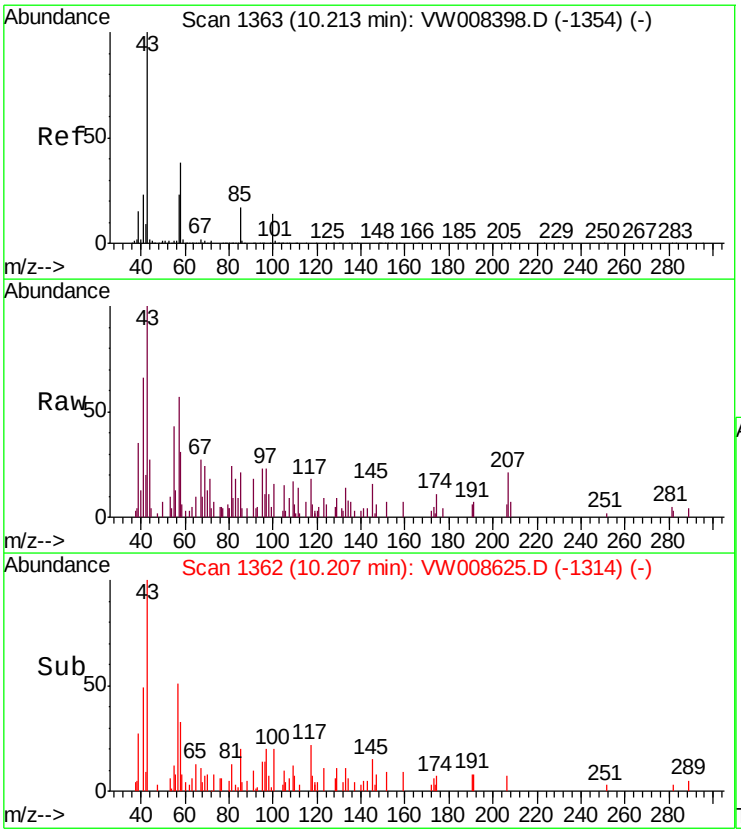
#50
Toluene-d8
Concen: 50.975 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion: 98 Resp: 802180

Ion	Ratio	Lower	Upper
98	100		
100	66.3	52.6	78.8

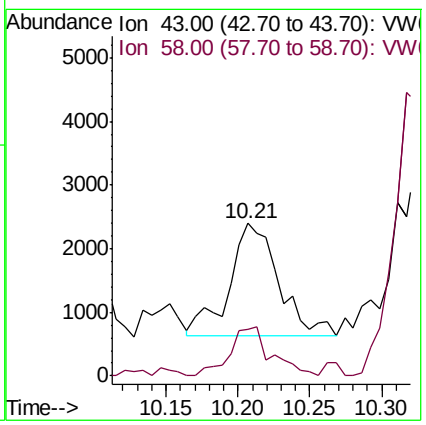


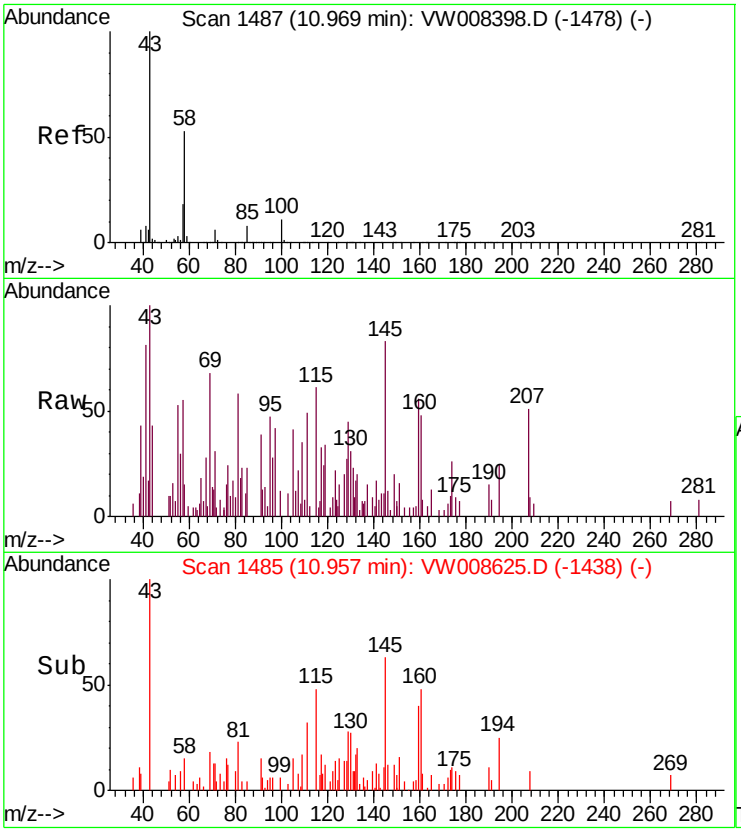


#51
4-Methyl-2-Pentanone
Concen: 1.463 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 43 Resp: 4211

Ion	Ratio	Lower	Upper
43	100		
58	36.5	29.7	44.5



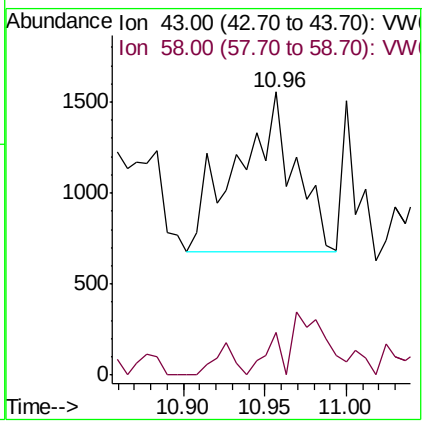


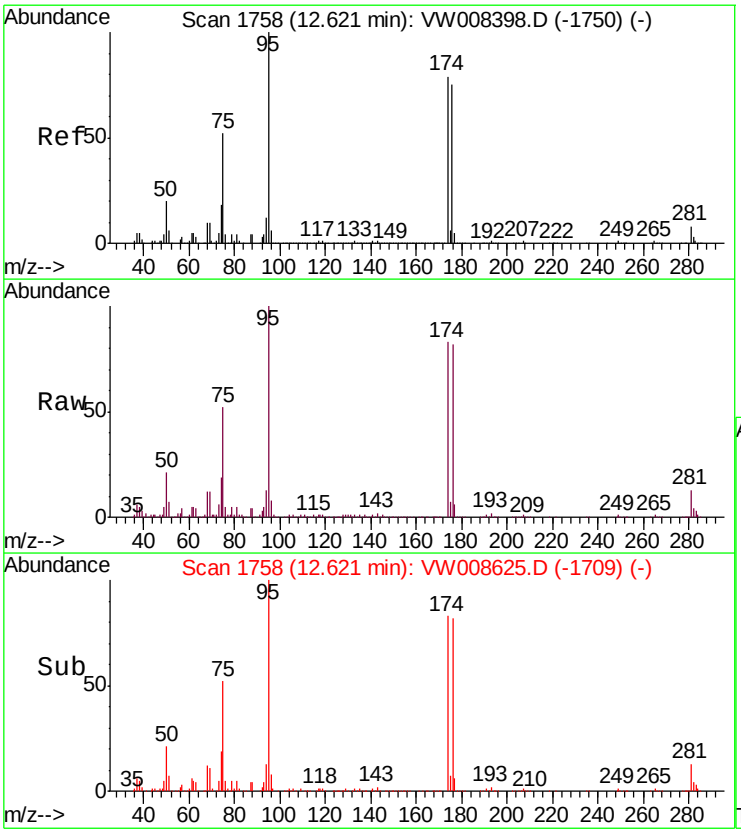
#59
2-Hexanone
Concen: 1.046 ug/l
RT: 10.96 min Scan# 1485
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion: 43 Resp: 2125

Ion	Ratio	Lower	Upper
43	100		
58	29.4	25.9	77.7

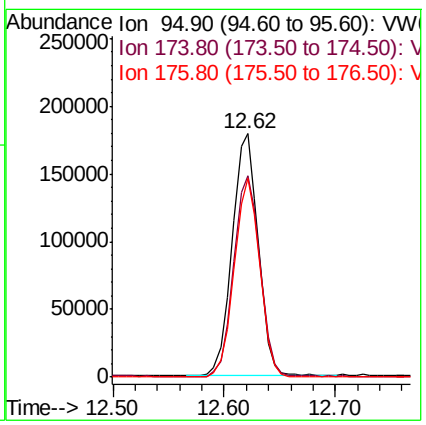


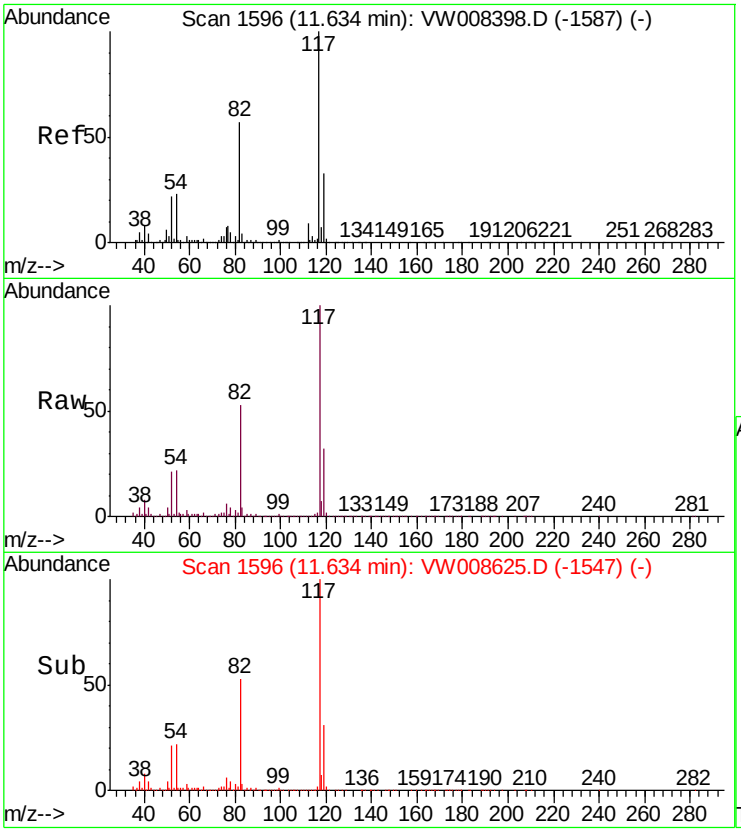


#62
4-Bromofluorobenzene
Concen: 47.442 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 95 Resp: 286973

Ion	Ratio	Lower	Upper
95	100		
174	84.4	0.0	157.6
176	80.9	0.0	151.8



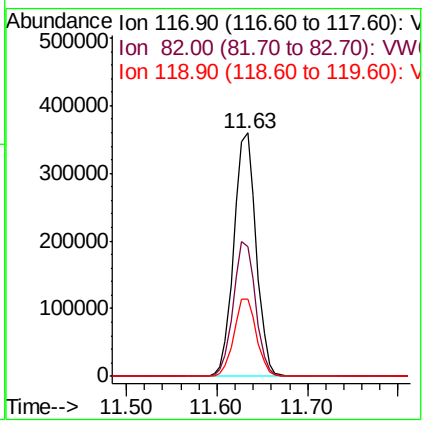


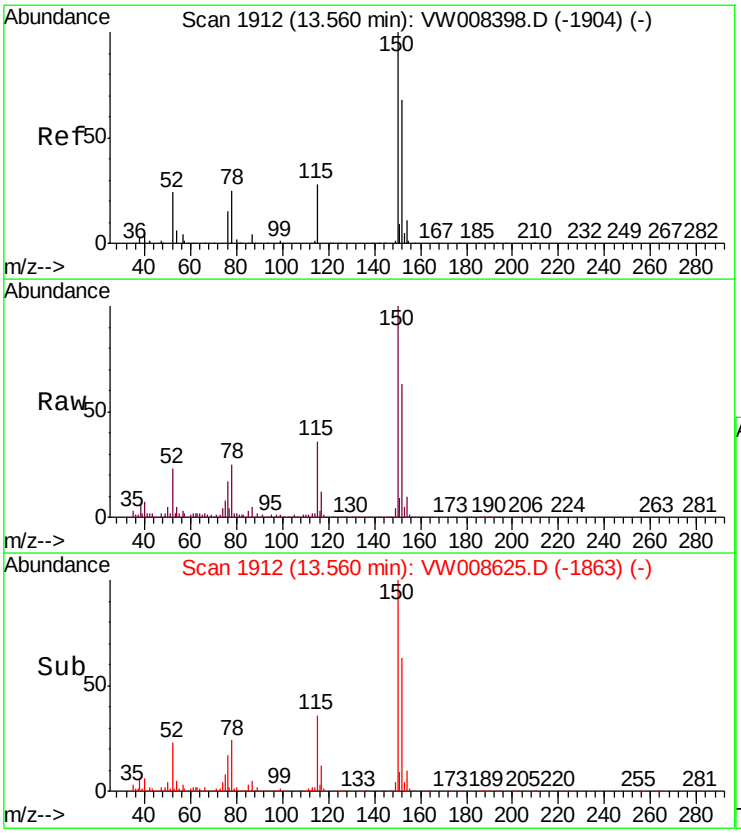
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion:117 Resp: 609769

Ion	Ratio	Lower	Upper
117	100		
82	53.2	45.4	68.0
119	31.4	26.2	39.4

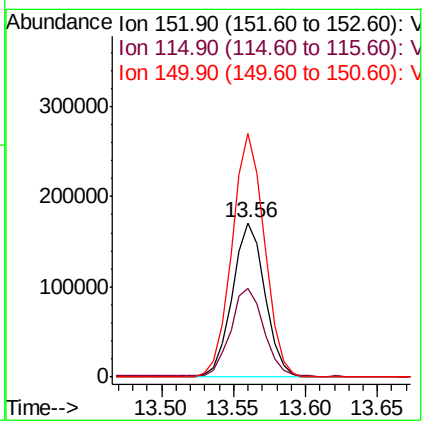


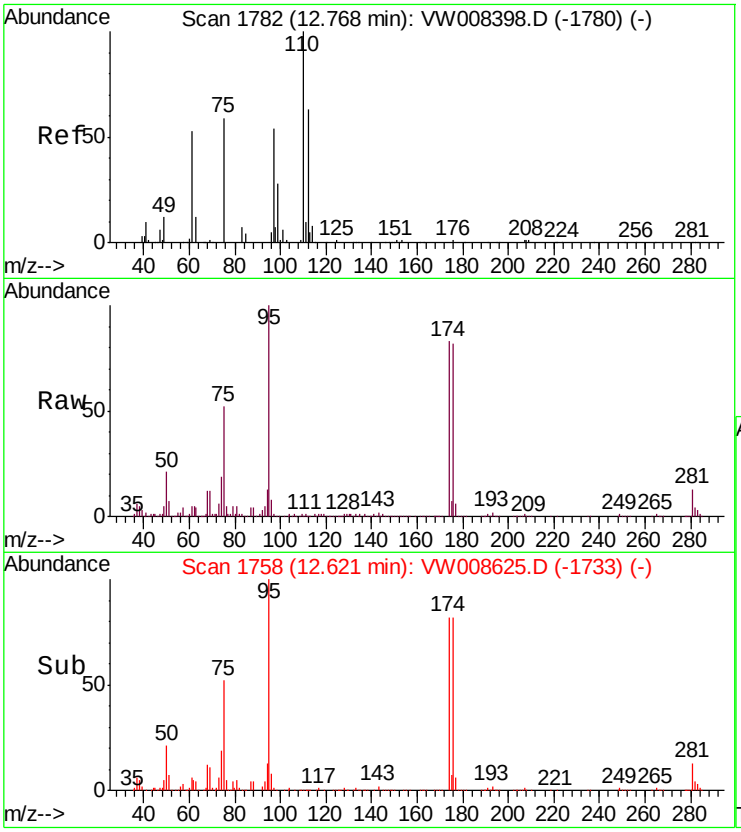


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion:152 Resp: 268410

Ion	Ratio	Lower	Upper
152	100		
115	58.2	29.9	89.7
150	157.5	0.0	351.4



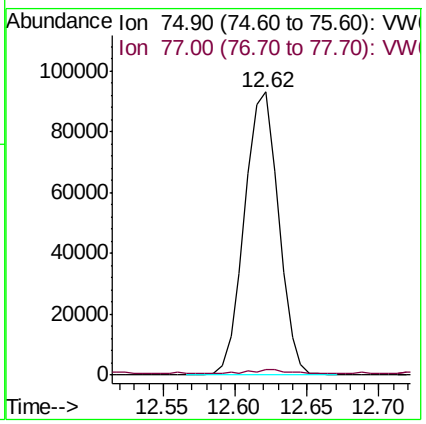


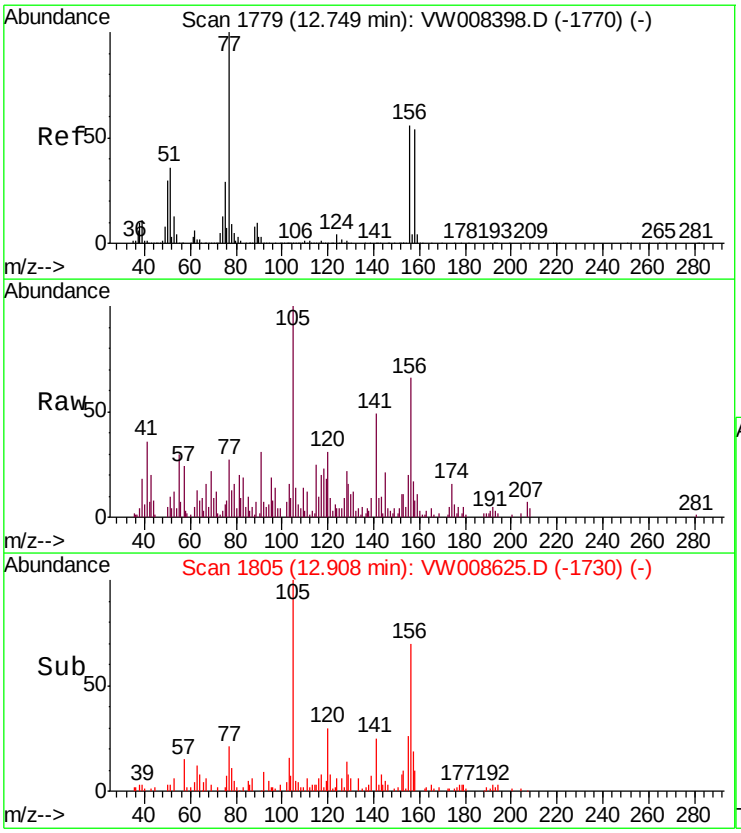
#76
1,2,3-Trichloropropane
Concen: 65.178 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion: 75 Resp: 152102

Ion	Ratio	Lower	Upper
75	100		
77	1.7	180.7	542.1#

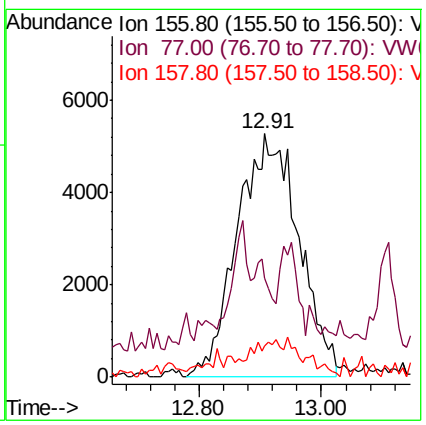


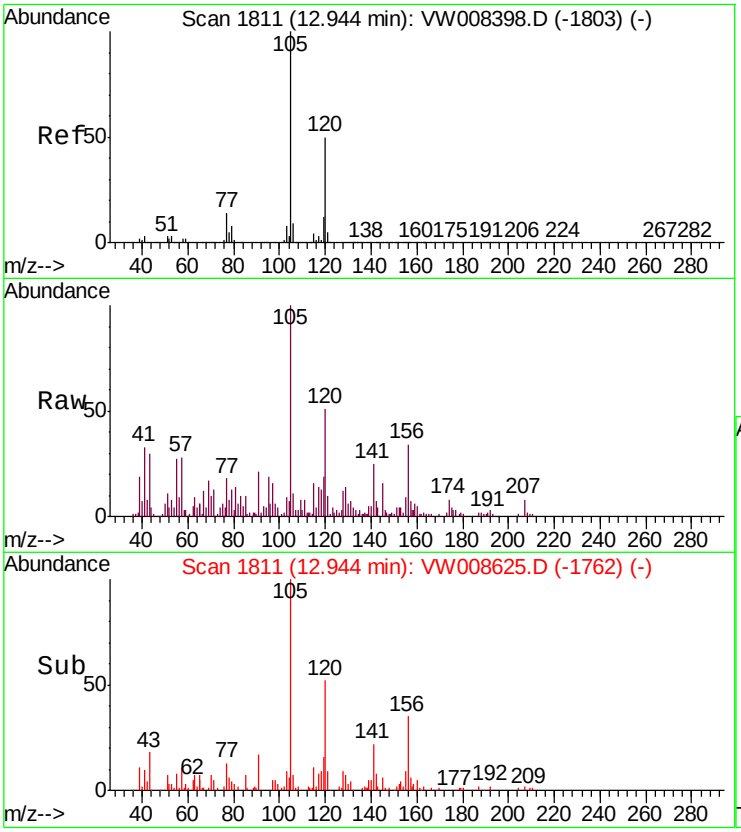


#77
Bromobenzene
Concen: 8.400 ug/l
RT: 12.91 min Scan# 1805
Delta R.T. 0.16 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion:156 Resp: 36707

Ion	Ratio	Lower	Upper
156	100		
77	0.0	96.9	290.7#
158	1.1	48.8	146.4#



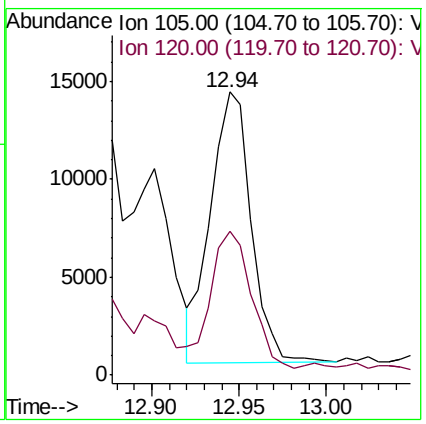


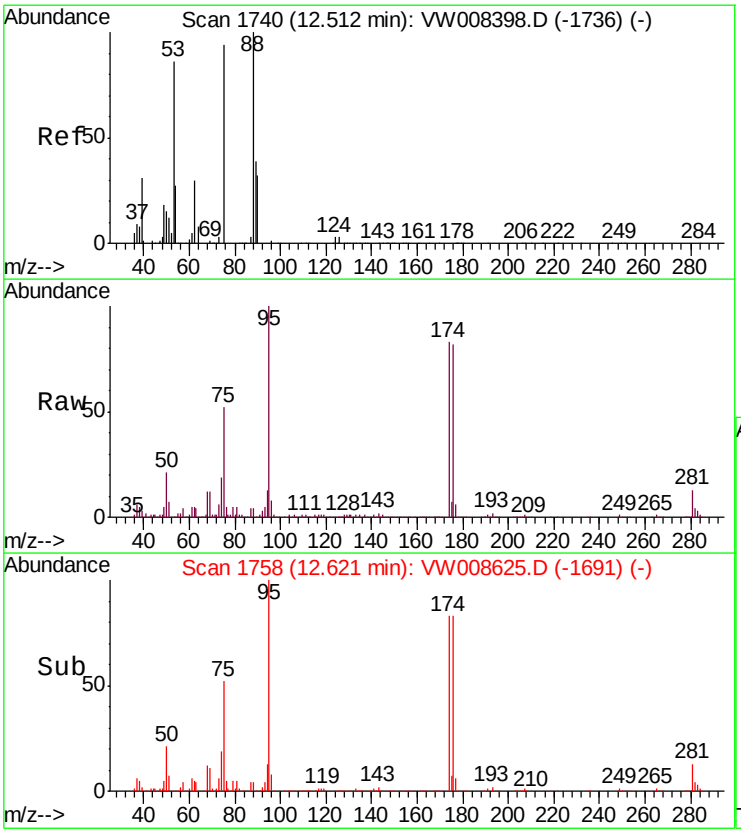
#80
1,3,5-Trimethylbenzene
Concen: 1.343 ug/l
RT: 12.94 min Scan# 1811
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion:105 Resp: 22469

Ion	Ratio	Lower	Upper
105	100		
120	49.7	24.6	73.8

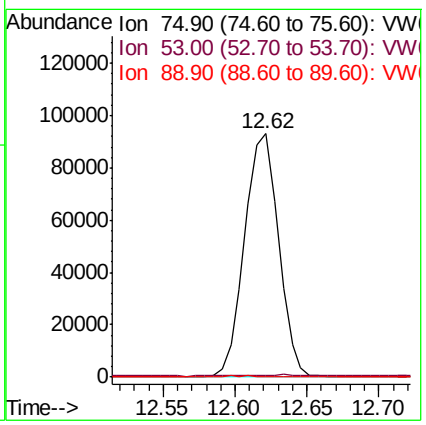


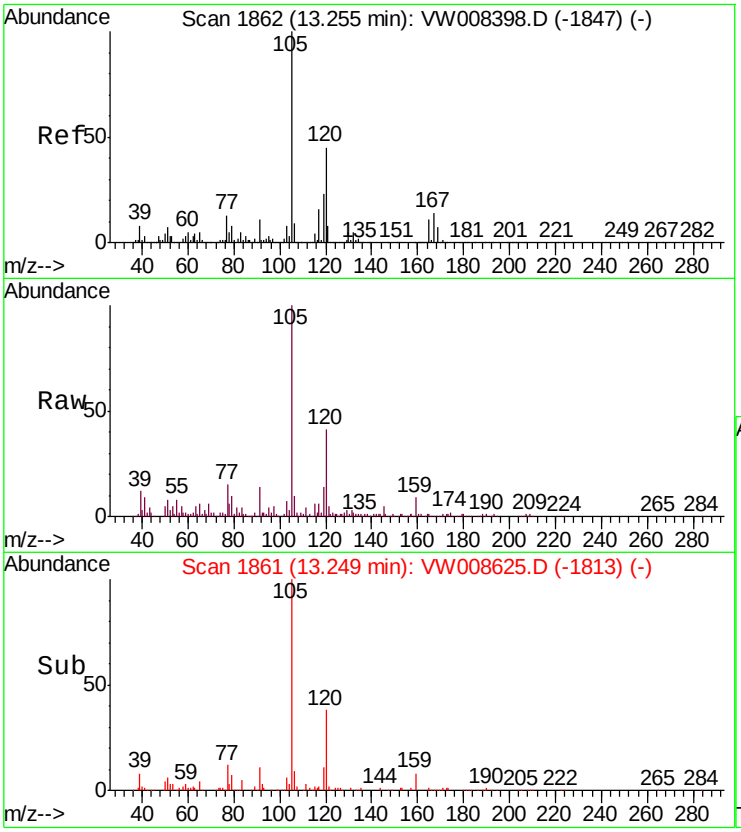


#81
trans-1,4-Dichloro-2-butene
Concen: 128.732 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion: 75 Resp: 152102

Ion	Ratio	Lower	Upper
75	100		
53	0.0	76.0	114.0#
89	0.1	35.4	53.0#



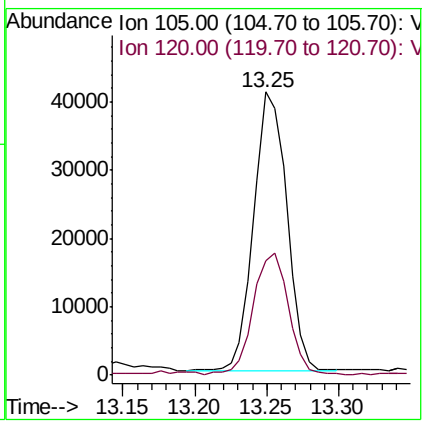


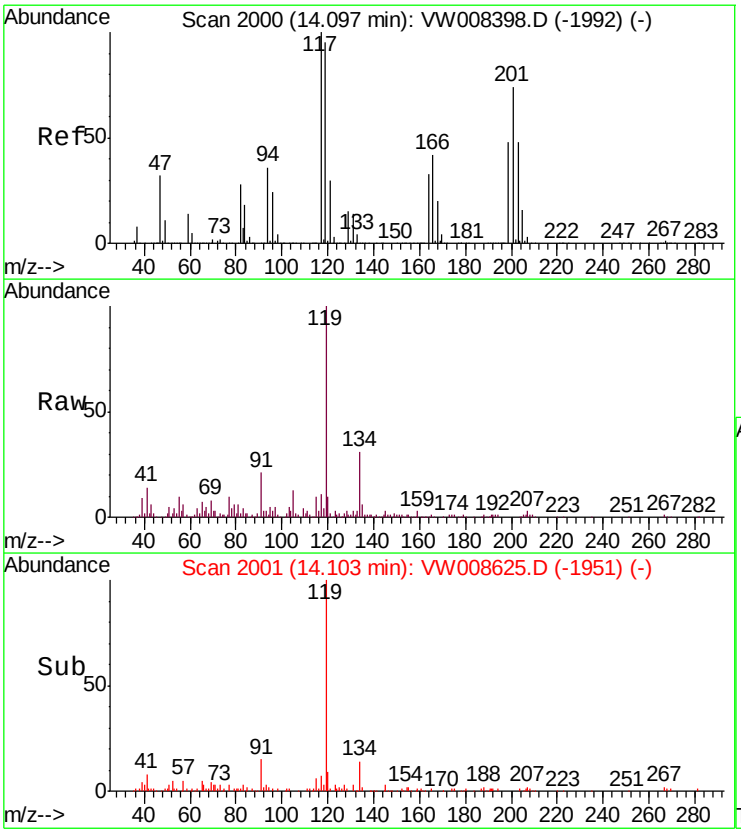
#84
1,2,4-Trimethylbenzene
Concen: 3.821 ug/l
RT: 13.25 min Scan# 1861
Delta R.T. -0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument : MSVOA_W
ClientSampleId : JC-02-021119-B

Tgt Ion:105 Resp: 64956

Ion	Ratio	Lower	Upper
105	100		
120	46.4	23.1	69.2

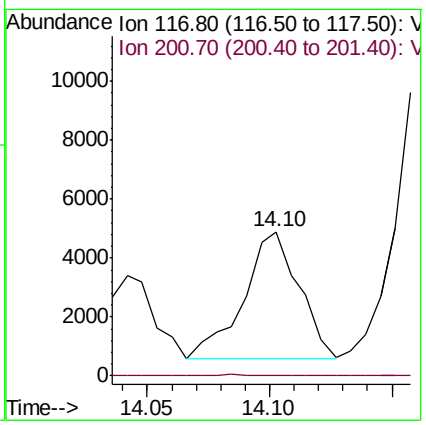


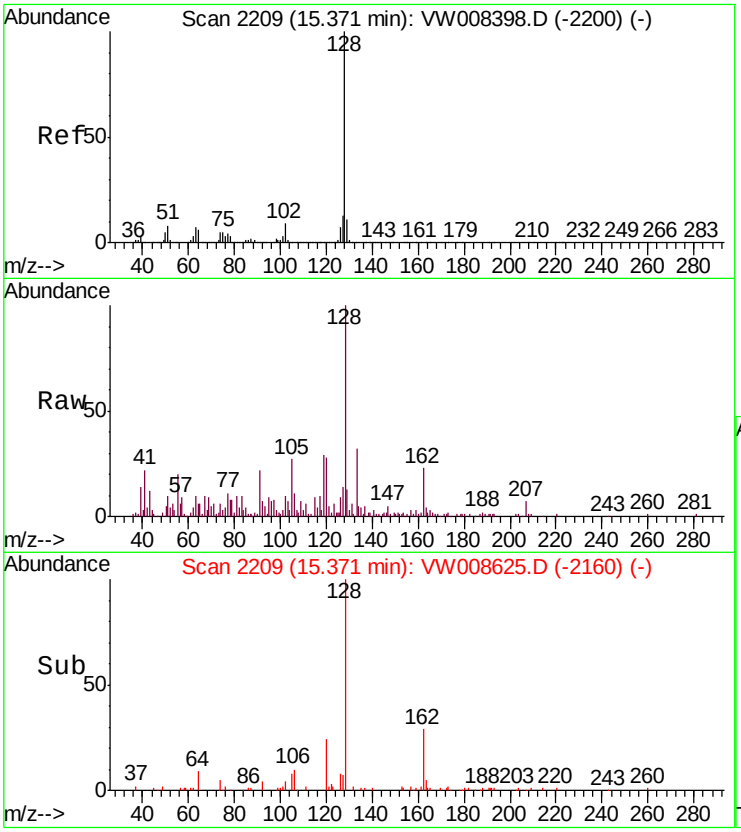


#90
Hexachloroethane
Concen: 1.860 ug/l
RT: 14.10 min Scan# 2001
Delta R.T. 0.01 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Tgt Ion:117 Resp: 6774

Ion	Ratio	Lower	Upper
117	100		
201	0.4	39.1	117.5#





#95
Naphthalene
Concen: 2.925 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW008625.D
Acq: 12 Feb 2019 16:17

Instrument :
MSVOA_W
ClientSampleId :
JC-02-021119-B

Tgt Ion:128 Resp: 28619

Ion	Ratio	Lower	Upper
128	100		
127	12.8	10.6	15.8
129	7.7	8.7	13.1#