Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001141.D
Acq On : 30 Jan 2018 00:57
Operator : JC/SY
Sample : J1288-03RE
Misc : 6.49G/5.0ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : EPE-108-4(80-82)RE

Quant Time: Jan 30 15:05:58 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	4061	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	6673	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	6130	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.58	152	1273	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	5265	133.36	ug/l	0.00
Spiked Amount 50.000			Recovery = 266.72%			
35) Dibromofluoromethane	7.89	113	846	19.82	ug/l	0.00
Spiked Amount 50.000			Recovery = 39.64%			
50) Toluene-d8	10.33	98	8106	49.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.68%			
62) 4-Bromofluorobenzene	12.64	95	2120	35.02	ug/l	0.01
Spiked Amount 50.000			Recovery = 70.04%			
Target Compounds						Qvalue
3) Chloromethane	2.21	50	707	23.52	ug/l #	76
5) Bromomethane	2.80	94	1128	64.86	ug/l	88
6) Chloroethane	2.90	64	202	11.89	ug/l #	42
10) Methyl Iodide	4.29	142	2180	55.80	ug/l #	92
11) Tert butyl alcohol	5.16	59	24	7.57	ug/l #	73
13) Acrolein	3.90	56	89	17.47	ug/l #	48
16) Acetone	4.13	43	791	76.20	ug/l	96
18) Methyl Acetate	4.53	43	36	1.12	ug/l #	50
19) Methyl tert-butyl Ether	5.34	73	84	1.00	ug/l #	56
20) Methylene Chloride	4.93	84	1251	35.74	ug/l #	74
25) 2-Butanone	7.14	43	106	7.78	ug/l #	46
31) Cyclohexane	7.95	56	106	1.81	ug/l #	13
36) 1,1-Dichloropropene	7.96	75	341	5.66	ug/l #	50
38) Carbon Tetrachloride	7.95	117	343	5.10	ug/l #	12
41) Methacrylonitrile	7.46	41	24	1.36	ug/l #	21
74) N-amyl acetate	12.26	43	42	2.31	ug/l #	44
76) 1,2,3-Trichloropropane	12.63	75	1116	86.50	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.63	75	1116	227.44	ug/l #	12

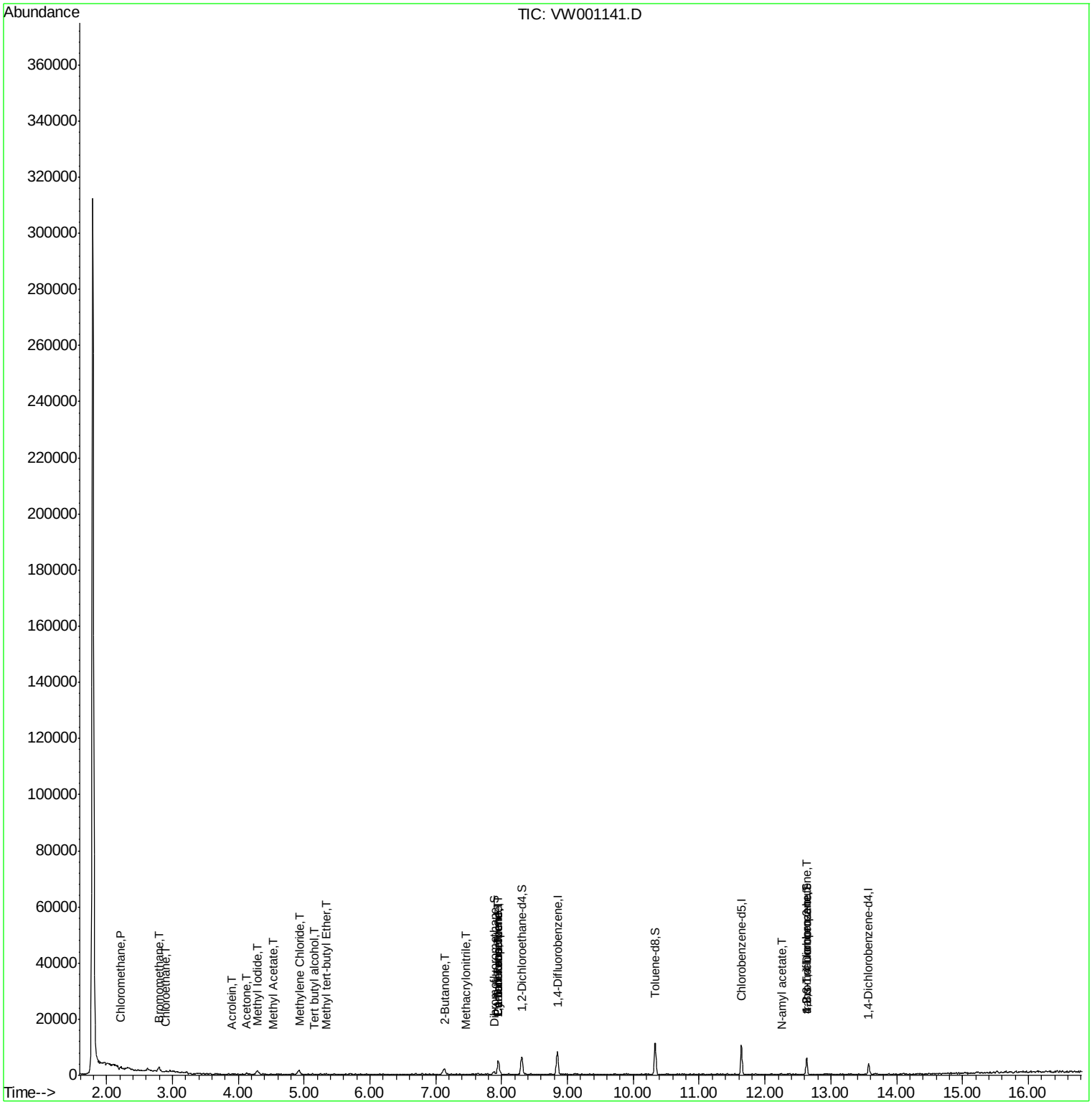
(#) = qualifier out of range (m) = manual integration (+) = signals summed

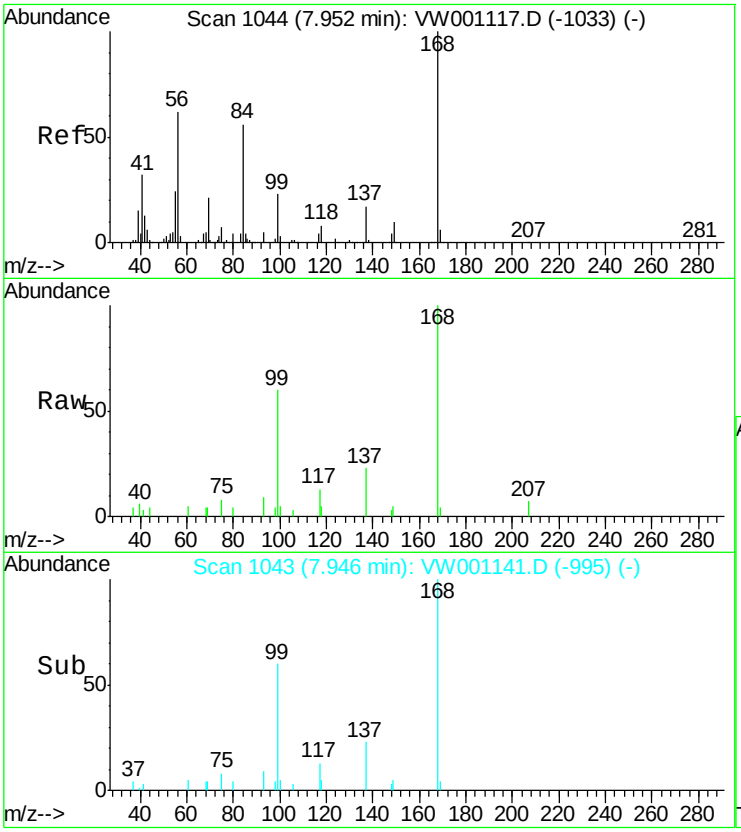
Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_W\DATA\VW012918\
Data File : VW001141.D
Acq On : 30 Jan 2018 00:57
Operator : JC/SY
Sample : J1288-03RE
Misc : 6.49G/5.0ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Quant Time: Jan 30 15:05:58 2018
Quant Method : W:\HPCHEM1\MSVOA_W\METHOD\82W012918S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 30 01:11:27 2018
Response via : Initial Calibration



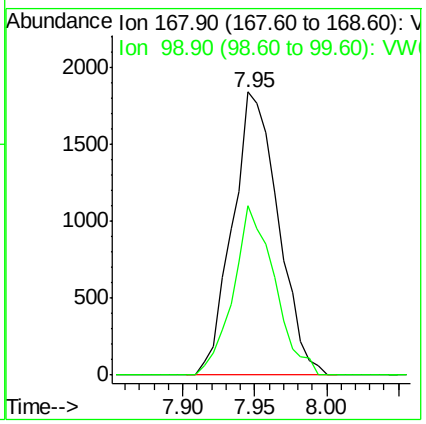


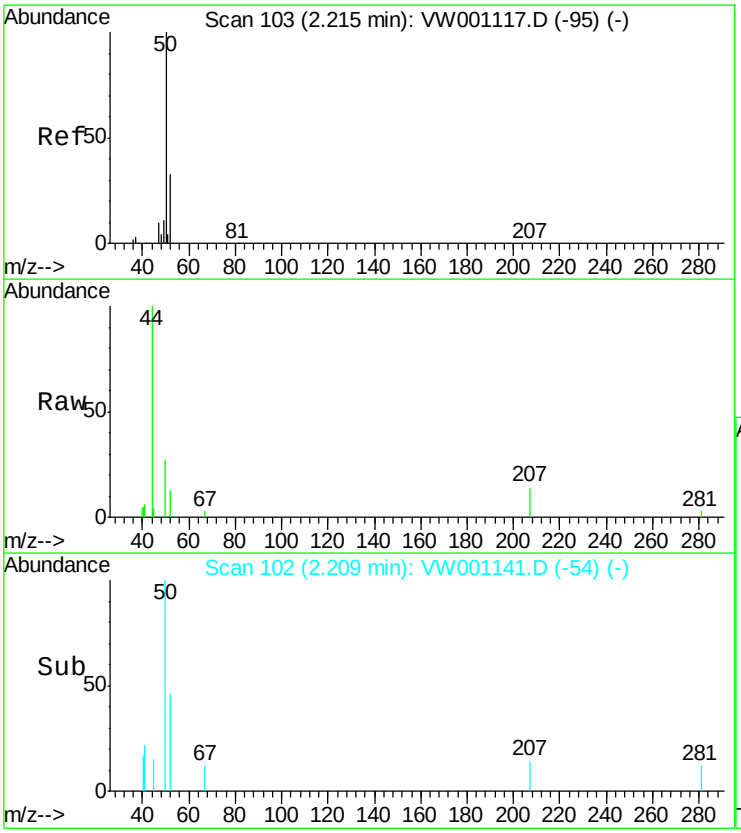
#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion:168 Resp: 4061

Ion	Ratio	Lower	Upper
168	100		
99	59.7	42.4	63.6

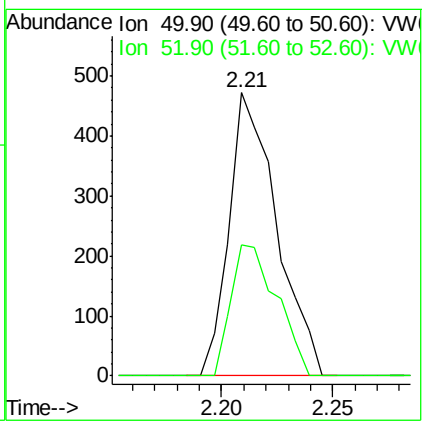


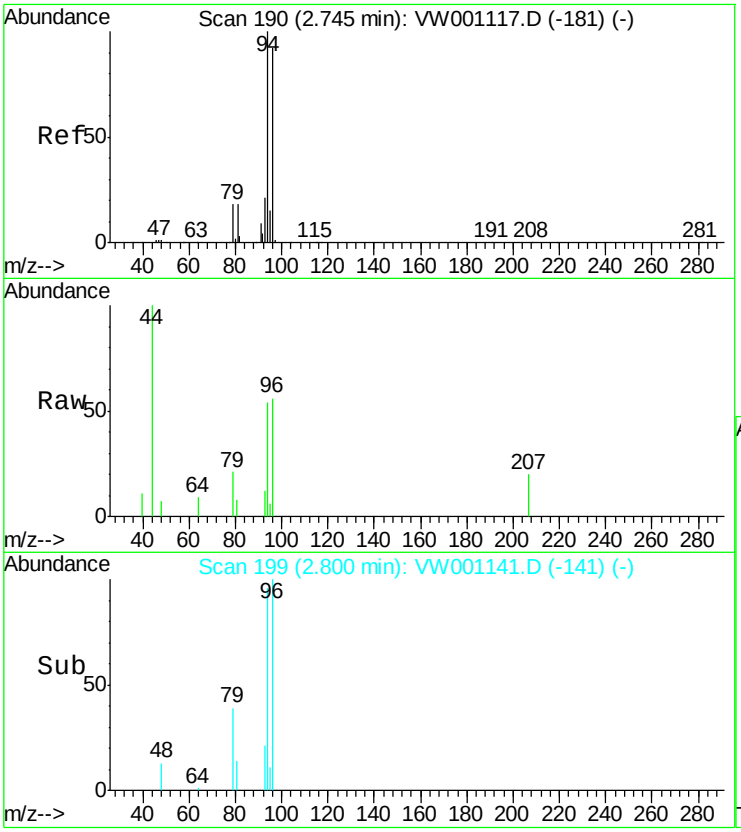


#3
Chloromethane
Concen: 23.52 ug/l
RT: 2.21 min Scan# 102
Delta R.T. -0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 50 Resp: 707

Ion	Ratio	Lower	Upper
50	100		
52	46.2	26.2	39.4#



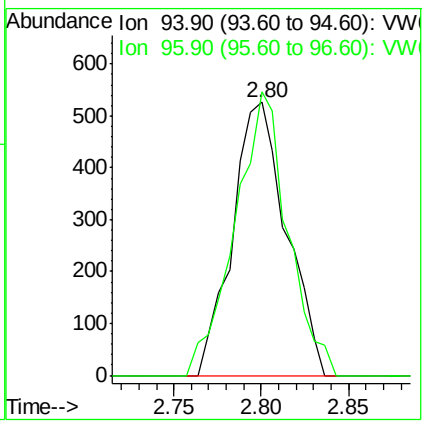


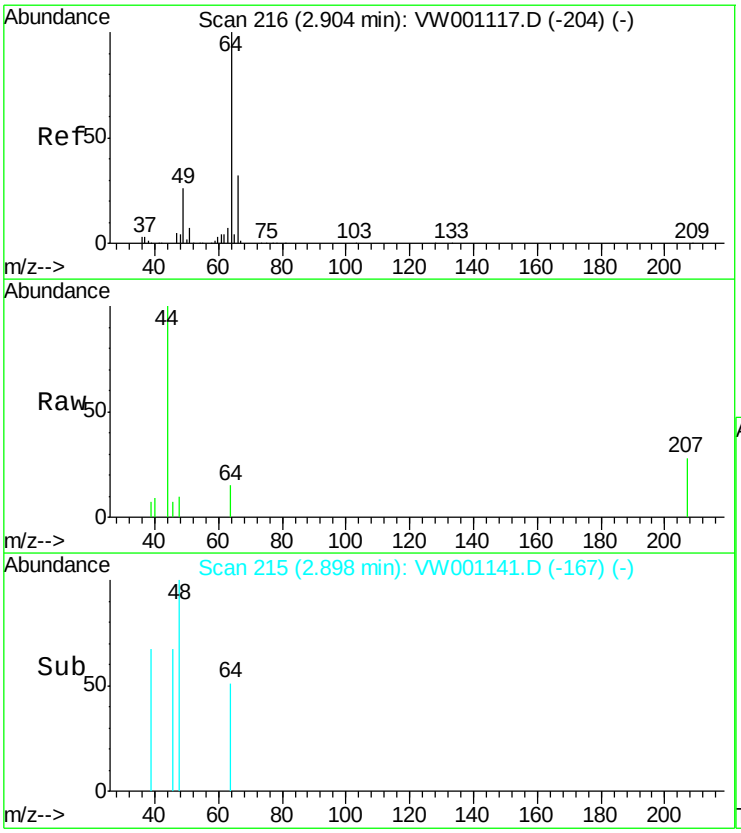
#5
Bromomethane
Concen: 64.86 ug/l
RT: 2.80 min Scan# 199
Delta R.T. 0.06 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 94 Resp: 1128

Ion	Ratio	Lower	Upper
94	100		
96	103.8	73.7	110.5

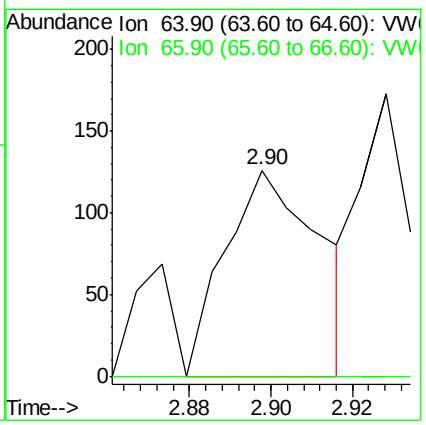


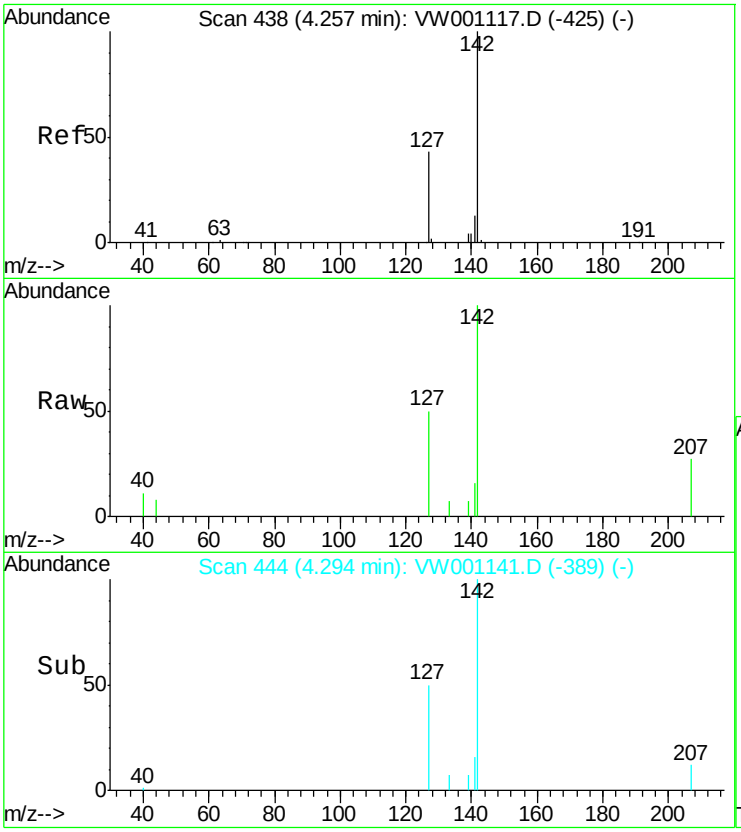


#6
Chloroethane
Concen: 11.89 ug/l
RT: 2.90 min Scan# 215
Delta R.T. -0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 64 Resp: 202

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.8	38.8#



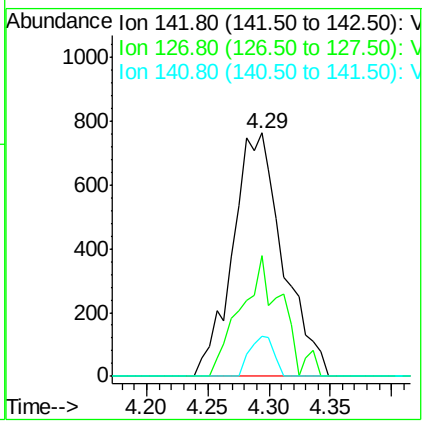


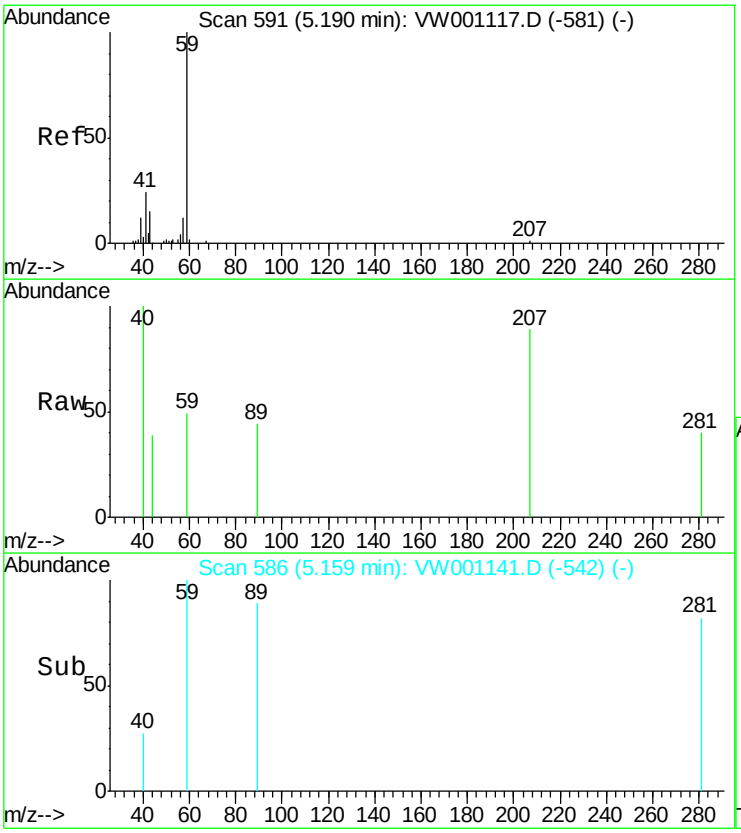
#10
Methyl Iodide
Concen: 55.80 ug/l
RT: 4.29 min Scan# 444
Delta R.T. 0.04 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument : MSVOA_W
ClientSampleId : EPE-108-4(80-82)RE

Tgt Ion:142 Resp: 2180

Ion	Ratio	Lower	Upper
142	100		
127	41.1	35.4	53.2
141	8.0	11.6	17.4#

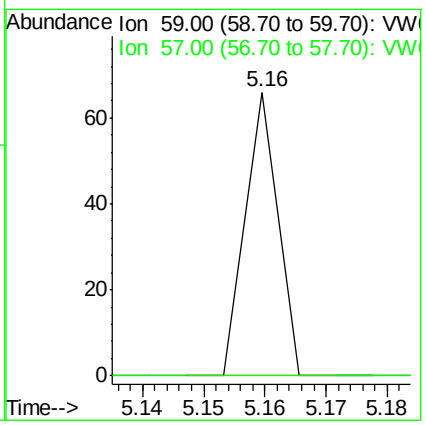


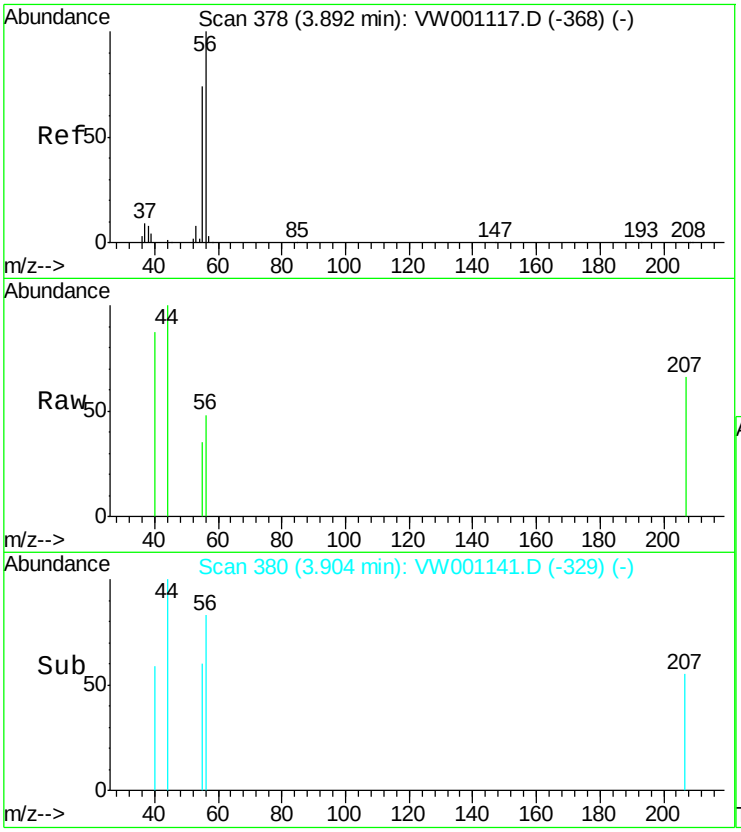


#11
Tert butyl alcohol
Concen: 7.57 ug/l
RT: 5.16 min Scan# 586
Delta R.T. -0.03 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 59 Resp: 24

Ion	Ratio	Lower	Upper
59	100		
57	0.0	7.8	11.8#



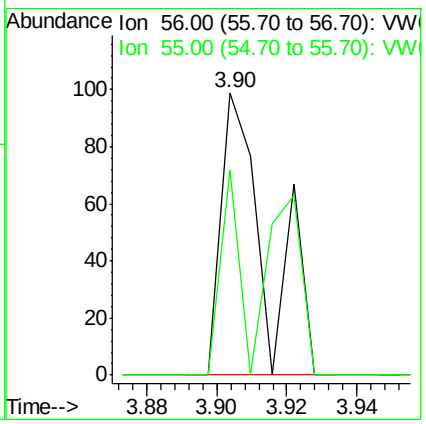


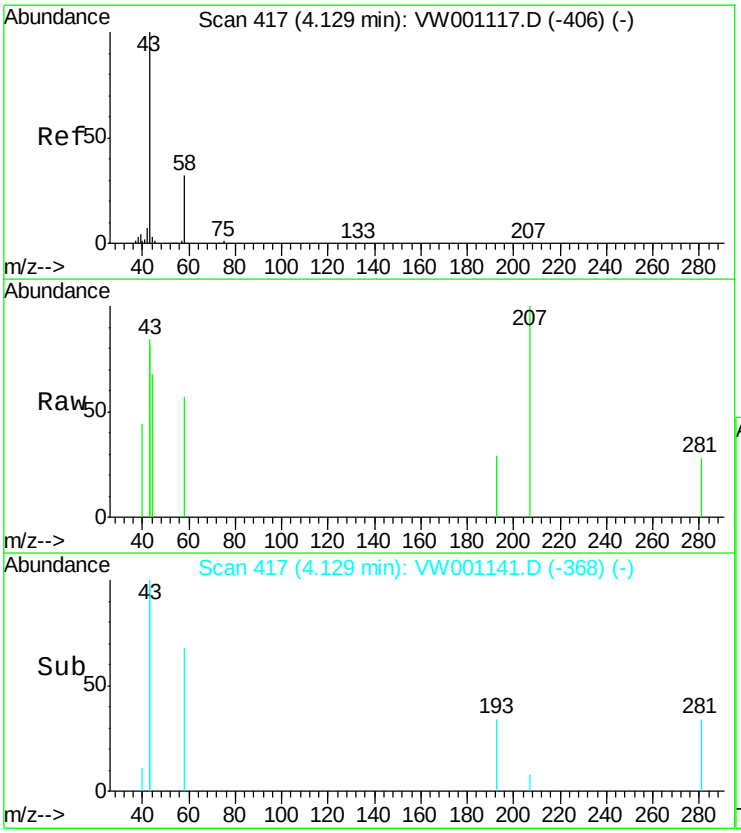
#13
Acrolein
Concen: 17.47 ug/l
RT: 3.90 min Scan# 380
Delta R.T. 0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 56 Resp: 89

Ion	Ratio	Lower	Upper
56	100		
55	29.2	58.2	87.4#

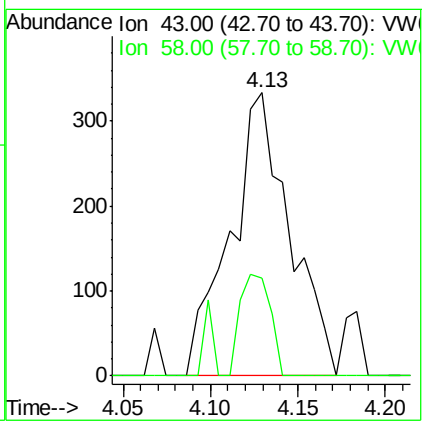


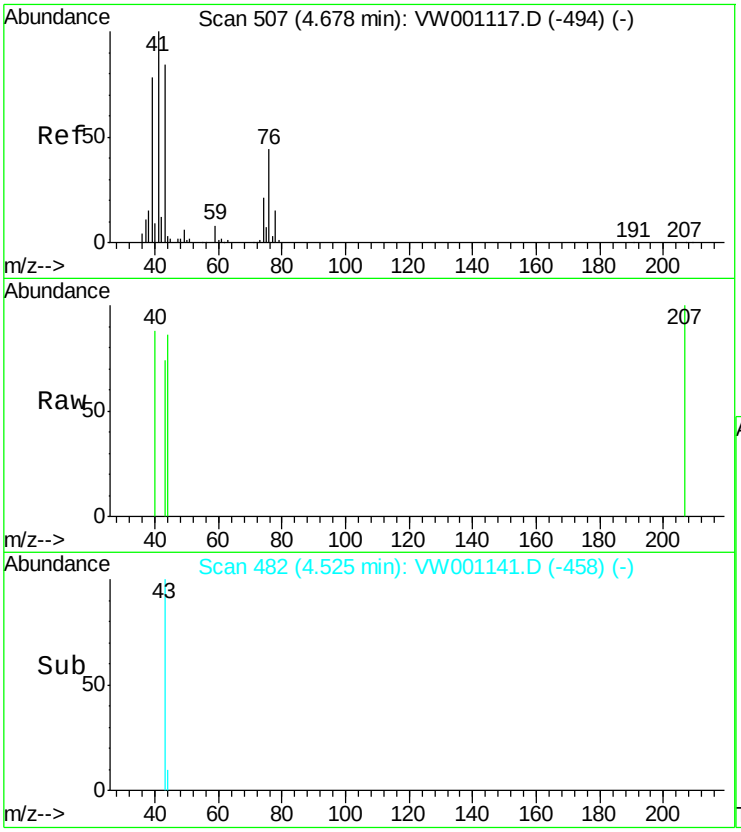


#16
Acetone
Concen: 76.20 ug/l
RT: 4.13 min Scan# 417
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 43 Resp: 791

Ion	Ratio	Lower	Upper
43	100		
58	34.5	25.7	38.5



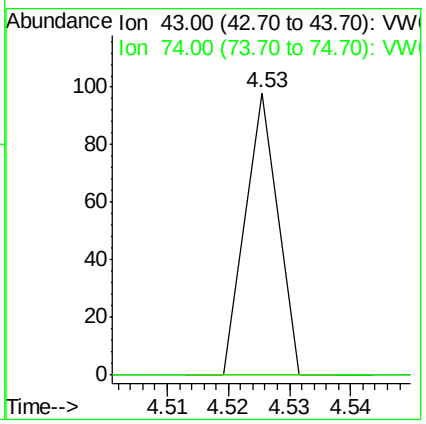


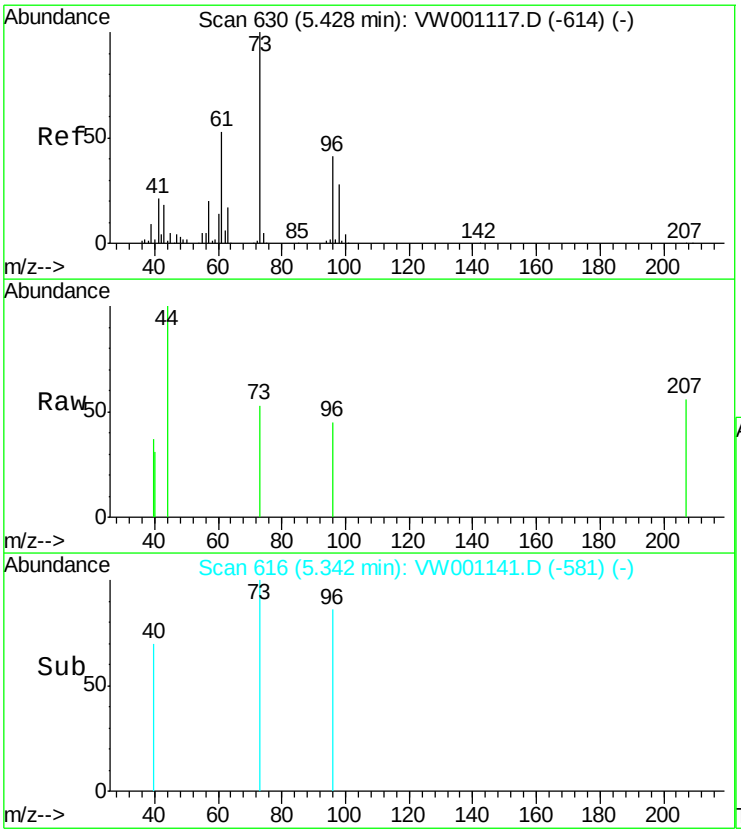
#18
Methyl Acetate
Concen: 1.12 ug/l
RT: 4.53 min Scan# 482
Delta R.T. -0.15 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 43 Resp: 36

Ion	Ratio	Lower	Upper
43	100		
74	0.0	20.2	30.2#

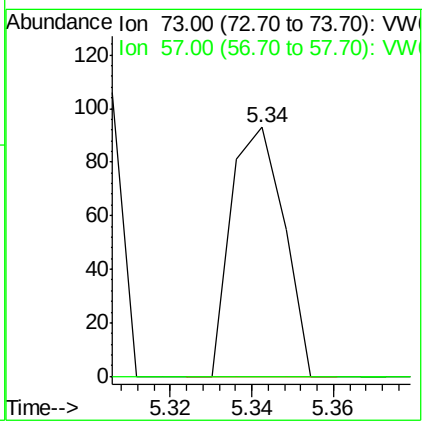


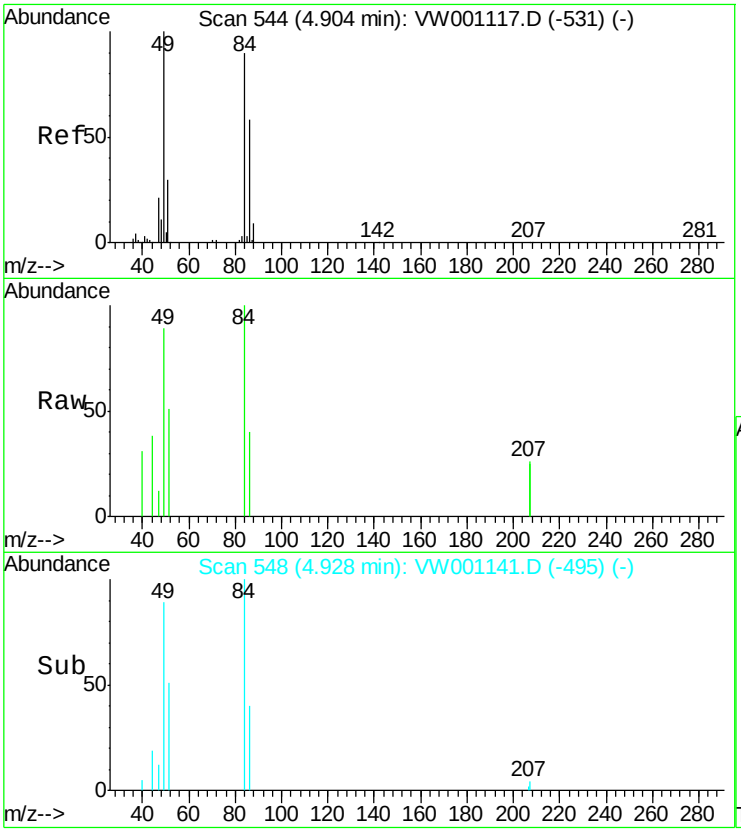


#19
Methyl tert-butyl Ether
Concen: 1.00 ug/l
RT: 5.34 min Scan# 616
Delta R.T. -0.09 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 73 Resp: 84

Ion	Ratio	Lower	Upper
73	100		
57	0.0	16.1	24.1#



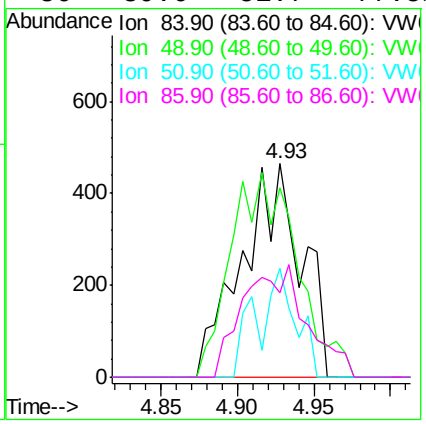


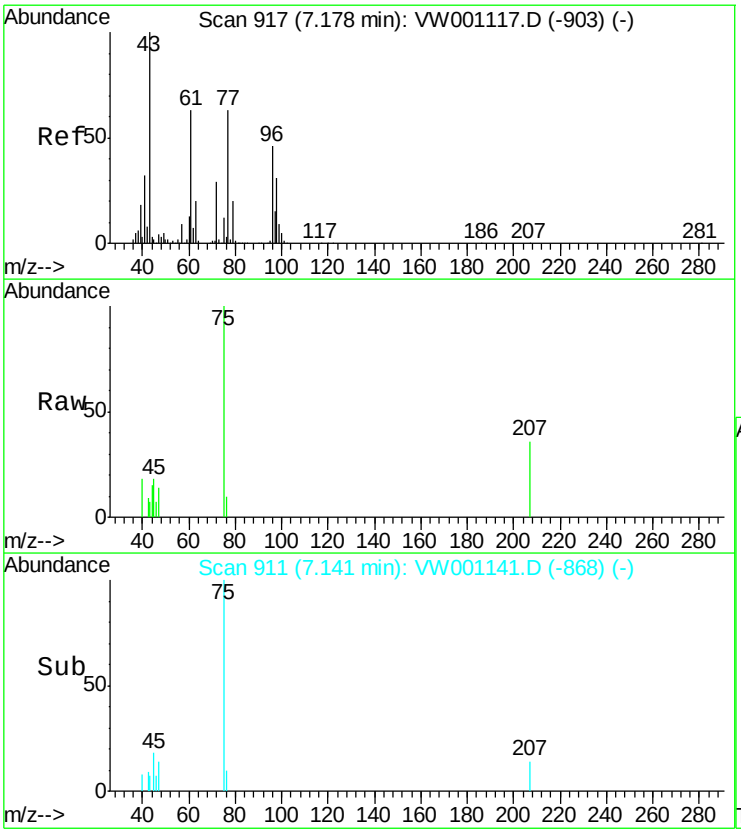
#20
Methylene Chloride
Concen: 35.74 ug/l
RT: 4.93 min Scan# 548
Delta R.T. 0.02 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument : MSVOA_W
ClientSampleId : EPE-108-4(80-82)RE

Tgt Ion: 84 Resp: 1251

Ion	Ratio	Lower	Upper
84	100		
49	88.6	89.2	133.8#
51	51.2	26.7	40.1#
86	39.6	51.7	77.5#

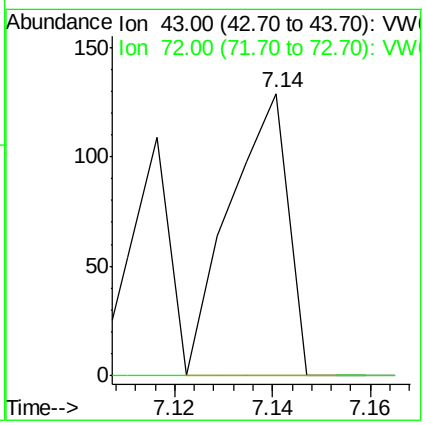


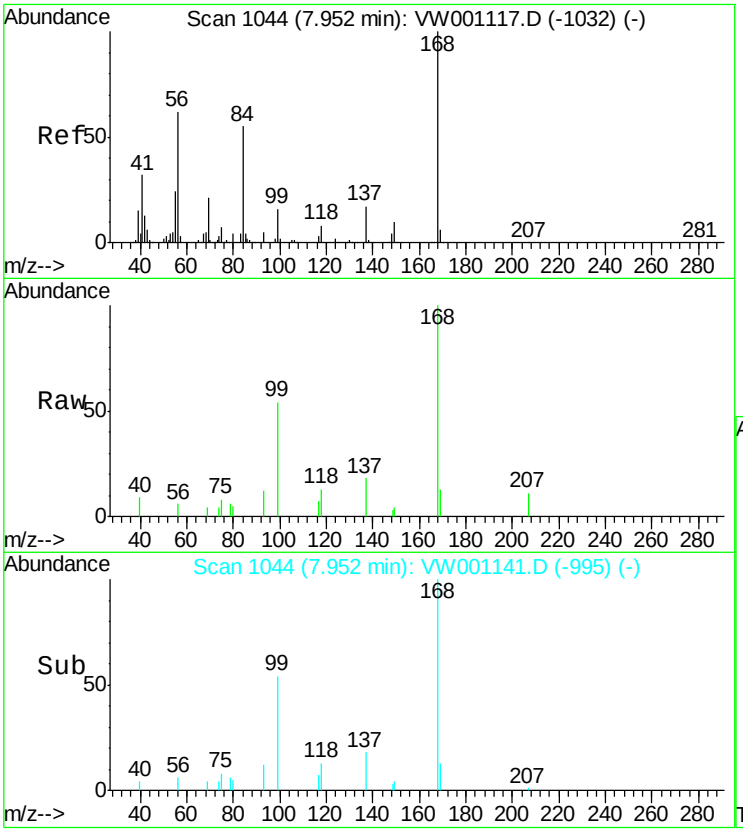


#25
2-Butanone
Concen: 7.78 ug/l
RT: 7.14 min Scan# 911
Delta R.T. -0.04 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 43 Resp: 106

Ion	Ratio	Lower	Upper
43	100		
72	0.0	22.8	34.2#



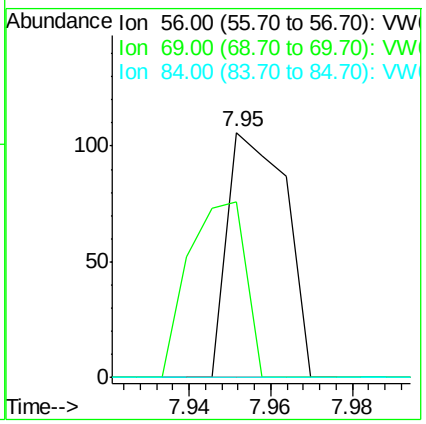


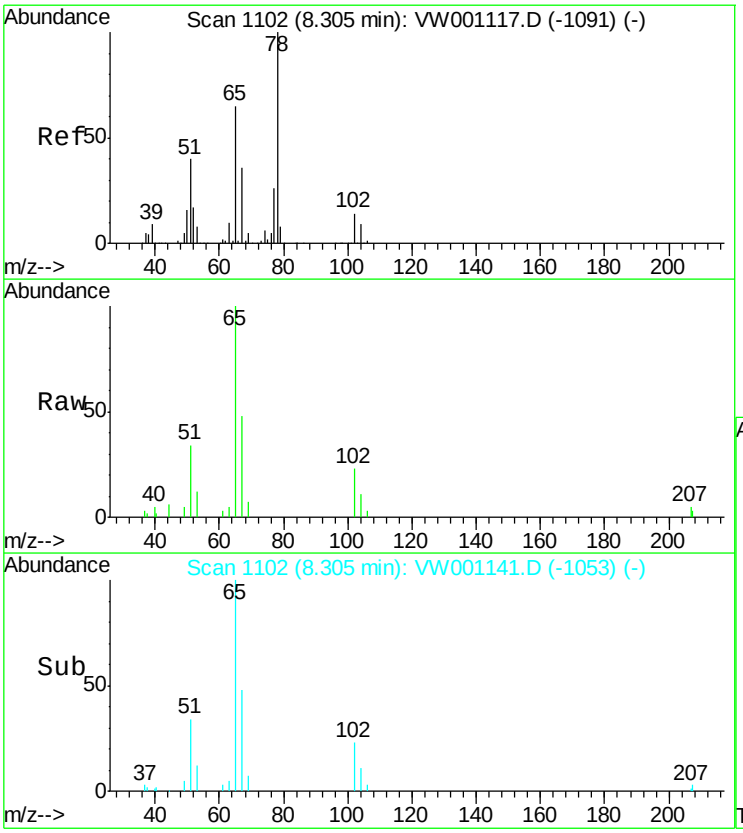
#31
Cyclohexane
Concen: 1.81 ug/l
RT: 7.95 min Scan# 1044
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument : MSVOA_W
ClientSampleId : EPE-108-4(80-82)RE

Tgt Ion: 56 Resp: 106

Ion	Ratio	Lower	Upper
56	100		
69	71.7	27.4	41.0#
84	0.0	71.1	106.7#

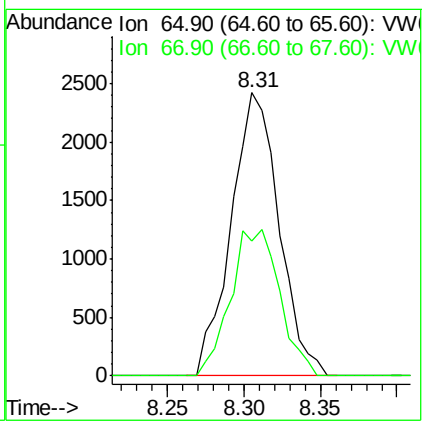


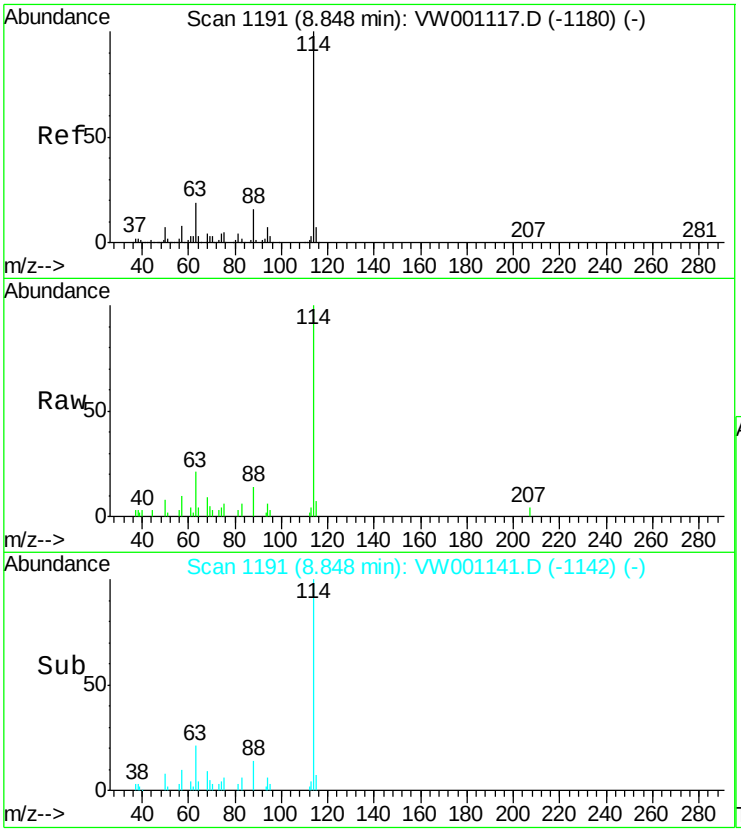


#33
1,2-Dichloroethane-d4
Concen: 133.36 ug/l
RT: 8.31 min Scan# 1102
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 65 Resp: 5265

Ion	Ratio	Lower	Upper
65	100		
67	53.1	0.0	104.2



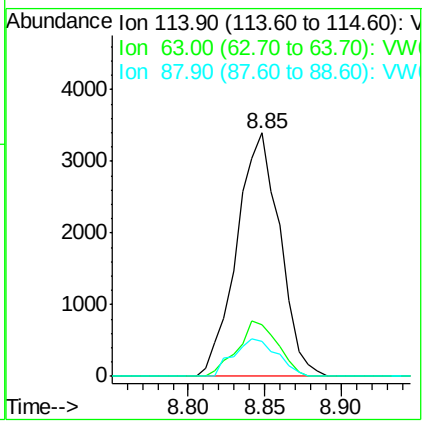


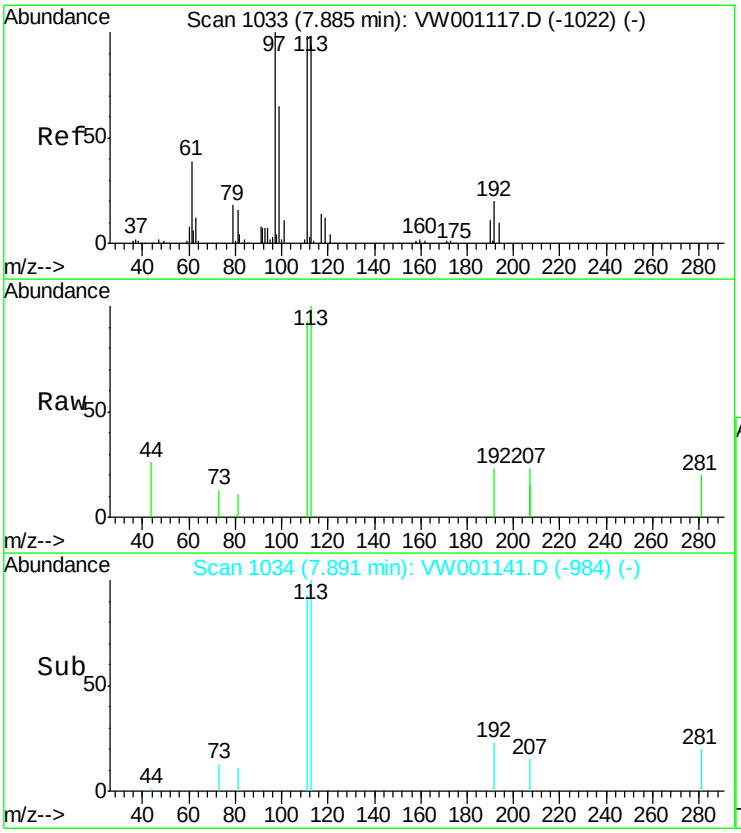
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.85 min Scan# 1191
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion:114 Resp: 6673

Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	38.2
88	14.2	0.0	31.0

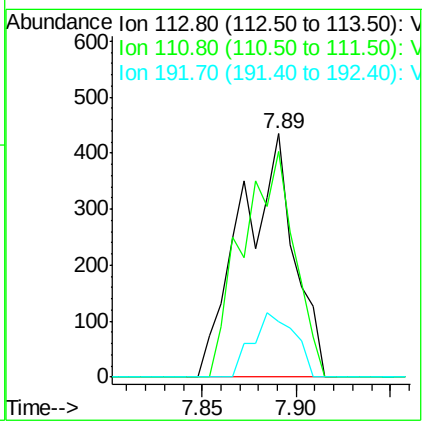


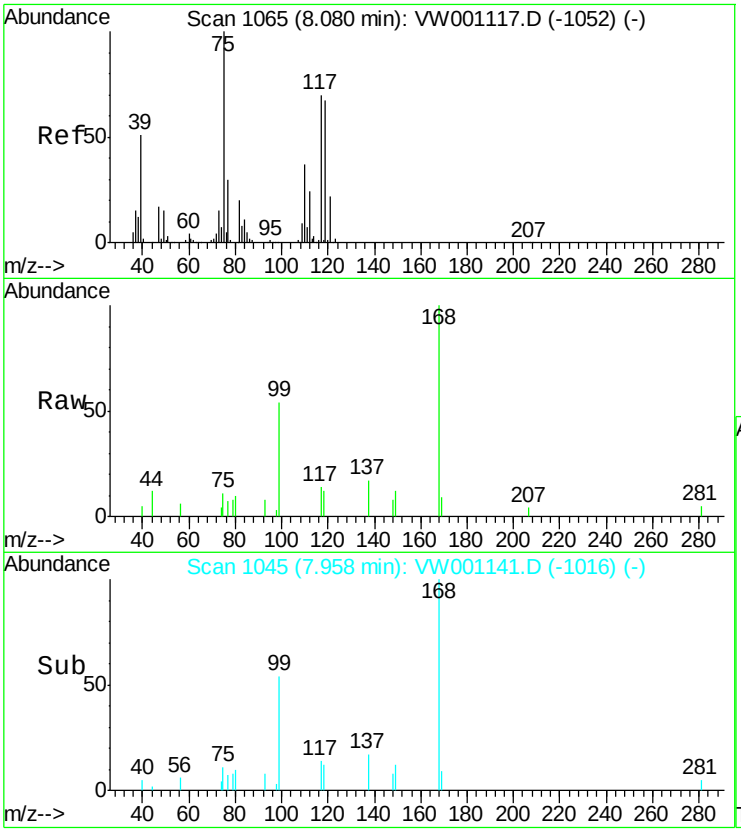


#35
Dibromofluoromethane
Concen: 19.82 ug/l
RT: 7.89 min Scan# 1034
Delta R.T. 0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion:113 Resp: 846

Ion	Ratio	Lower	Upper
113	100		
111	91.3	83.1	124.7
192	21.0	17.8	26.6



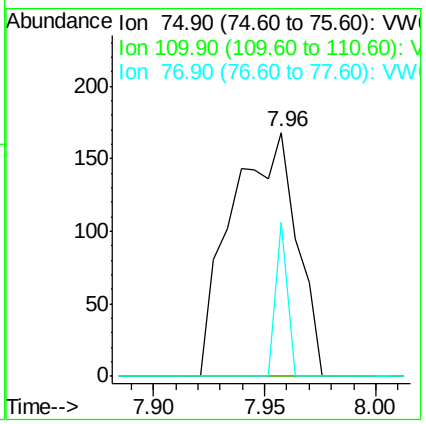


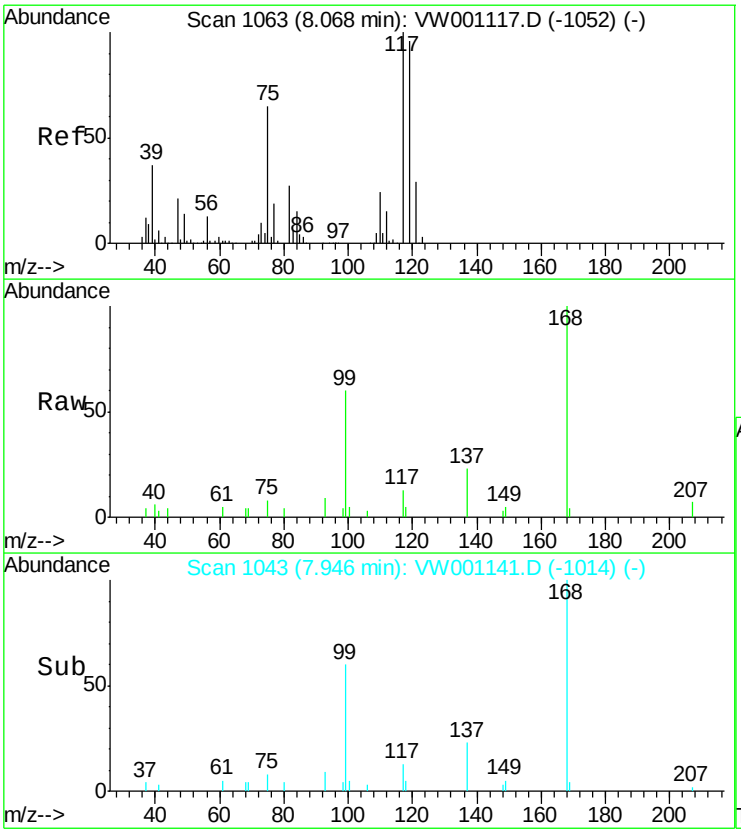
#36
1,1-Dichloropropene
Concen: 5.66 ug/l
RT: 7.96 min Scan# 1045
Delta R.T. -0.12 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 75 Resp: 341

Ion	Ratio	Lower	Upper
75	100		
110	0.0	18.7	56.1#
77	11.4	24.6	37.0#

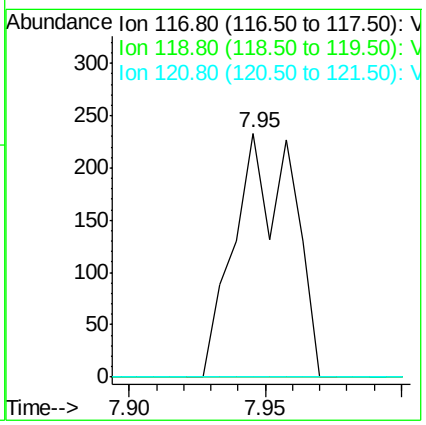


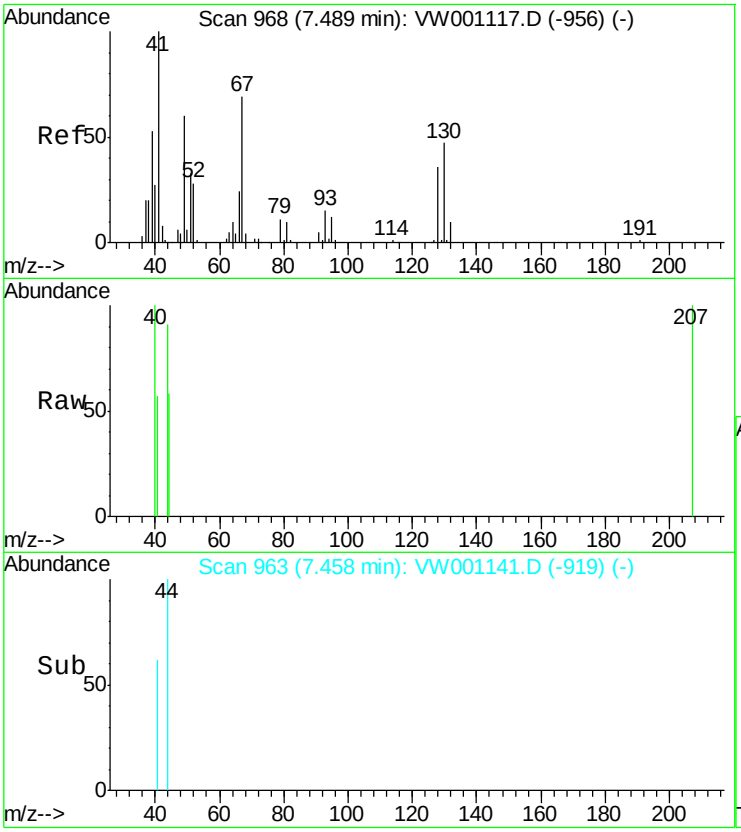


#38
Carbon Tetrachloride
Concen: 5.10 ug/l
RT: 7.95 min Scan# 1043
Delta R.T. -0.12 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion:117 Resp: 343

Ion	Ratio	Lower	Upper
117	100		
119	0.0	77.0	115.4#
121	0.0	23.5	35.3#



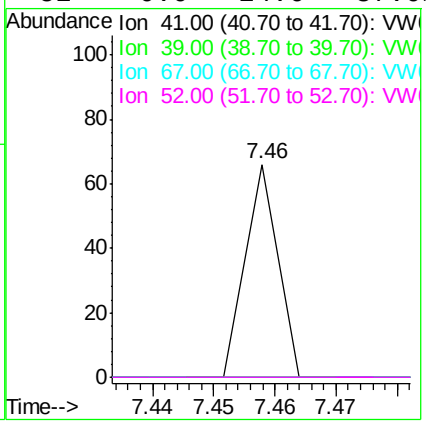


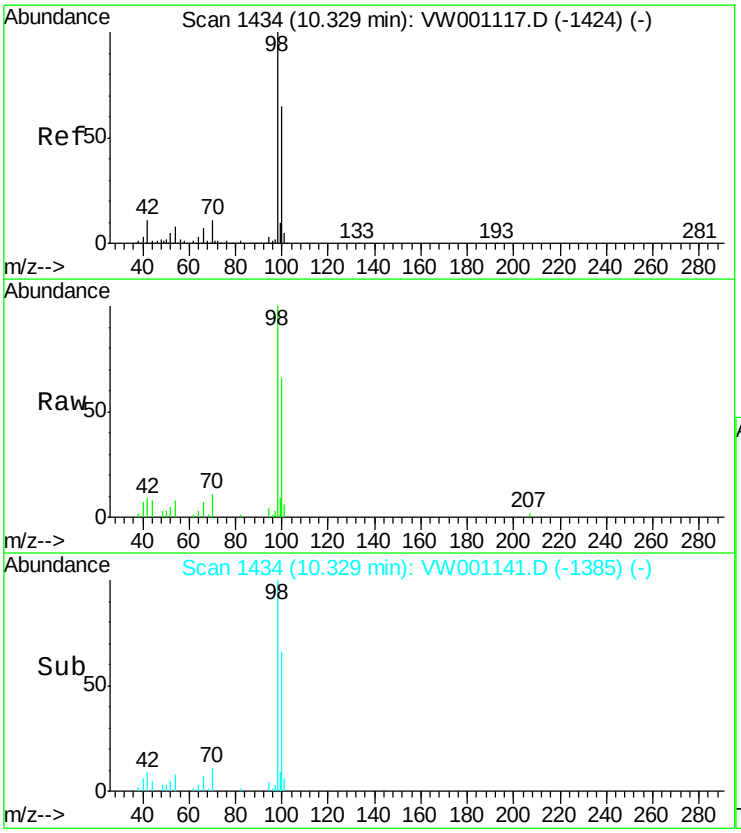
#41
Methacrylonitrile
Concen: 1.36 ug/l
RT: 7.46 min Scan# 963
Delta R.T. -0.03 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 41 Resp: 24

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.8	73.2#
67	0.0	59.6	89.4#
52	0.0	24.6	37.0#

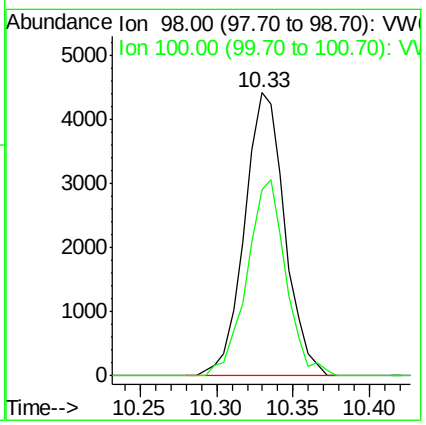


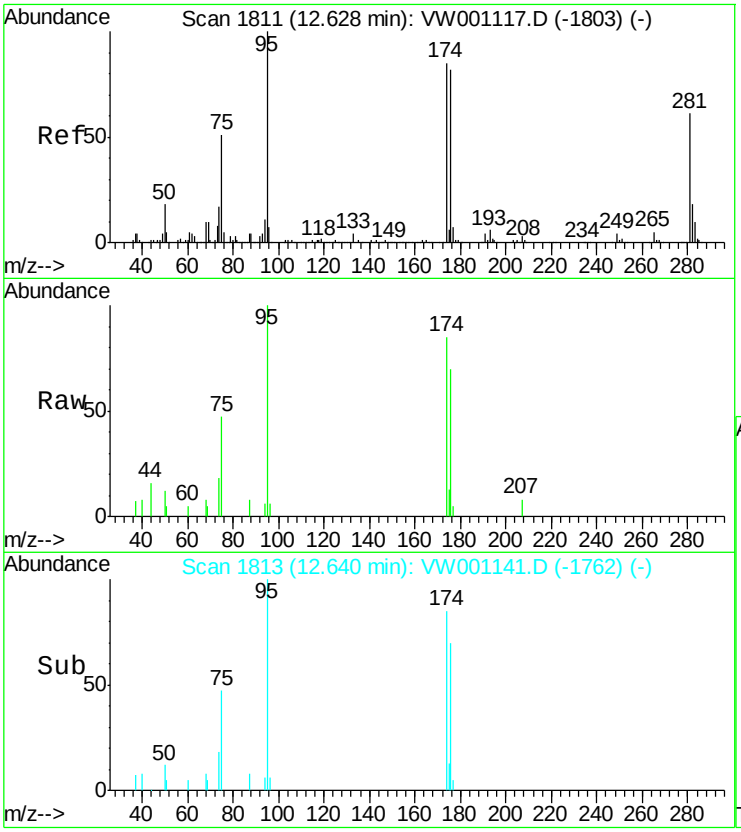


#50
Toluene-d8
Concen: 49.34 ug/l
RT: 10.33 min Scan# 1434
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 98 Resp: 8106

Ion	Ratio	Lower	Upper
98	100		
100	66.8	51.3	76.9



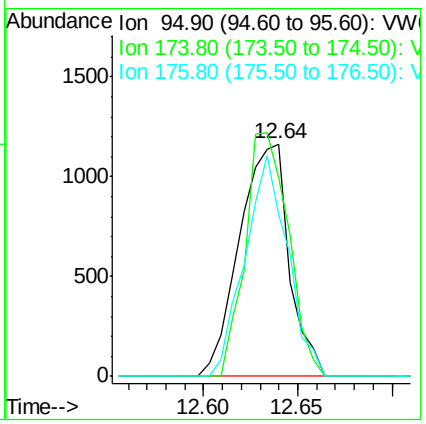


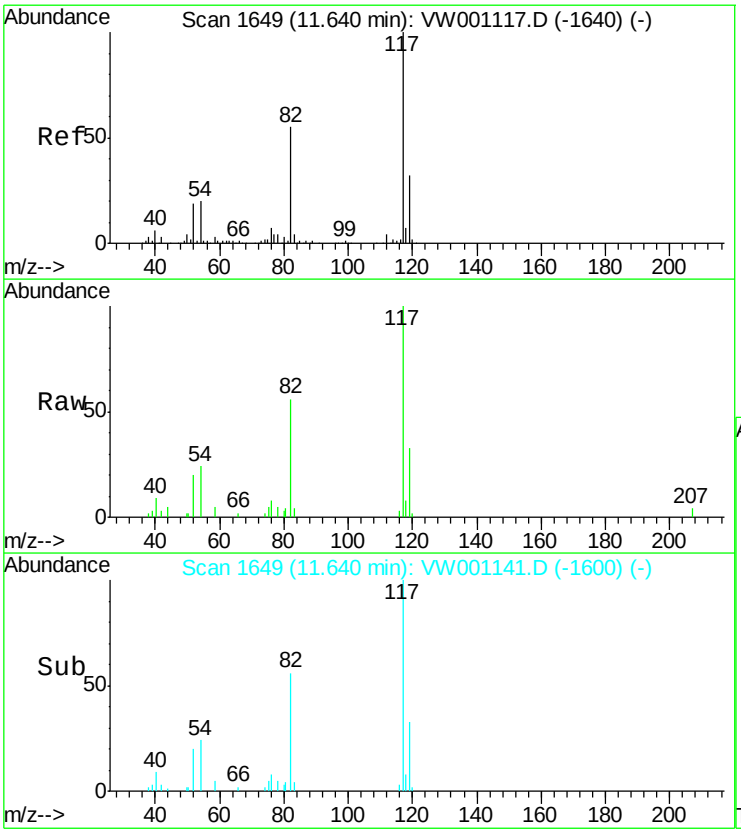
#62
4-Bromofluorobenzene
Concen: 35.02 ug/l
RT: 12.64 min Scan# 1813
Delta R.T. 0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 95 Resp: 2120

Ion	Ratio	Lower	Upper
95	100		
174	91.2	0.0	179.6
176	81.7	0.0	174.4

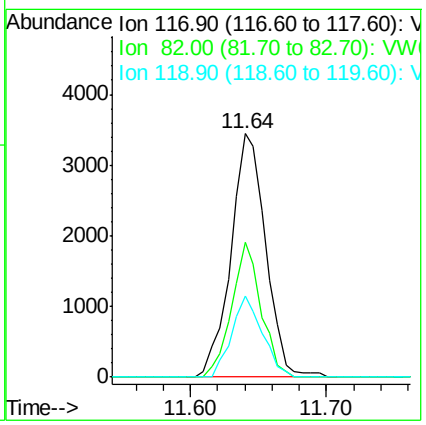


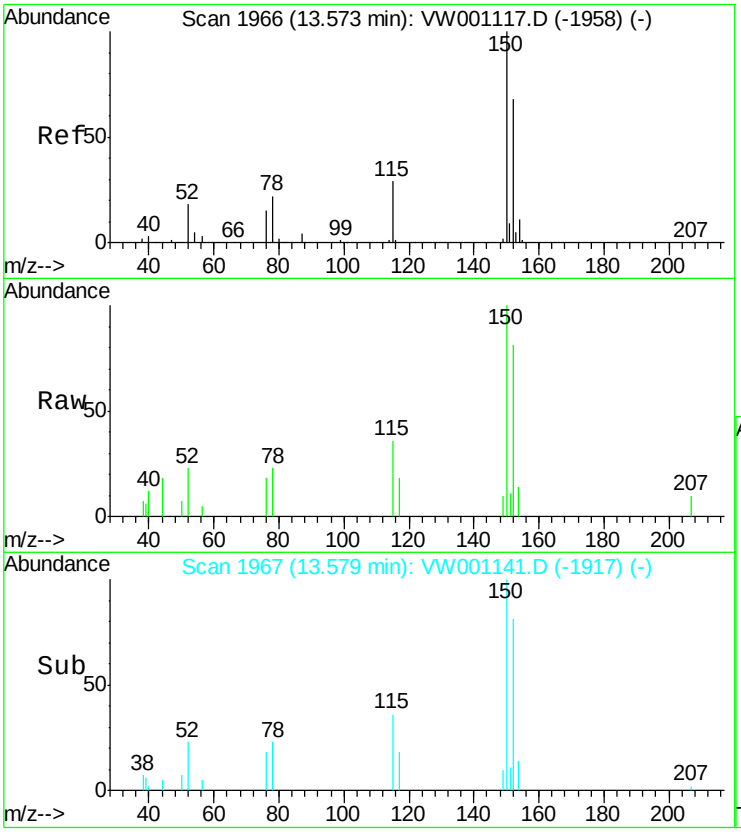


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.64 min Scan# 1649
Delta R.T. -0.00 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion:117 Resp: 6130

Ion	Ratio	Lower	Upper
117	100		
82	55.6	43.8	65.8
119	33.5	25.8	38.8



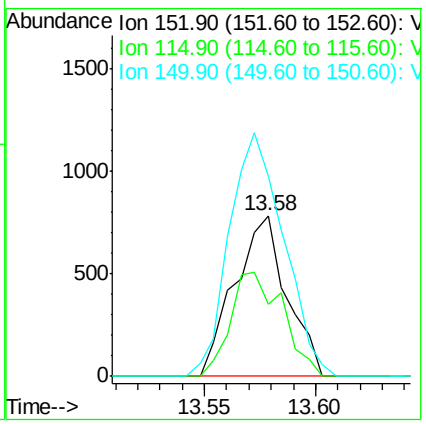


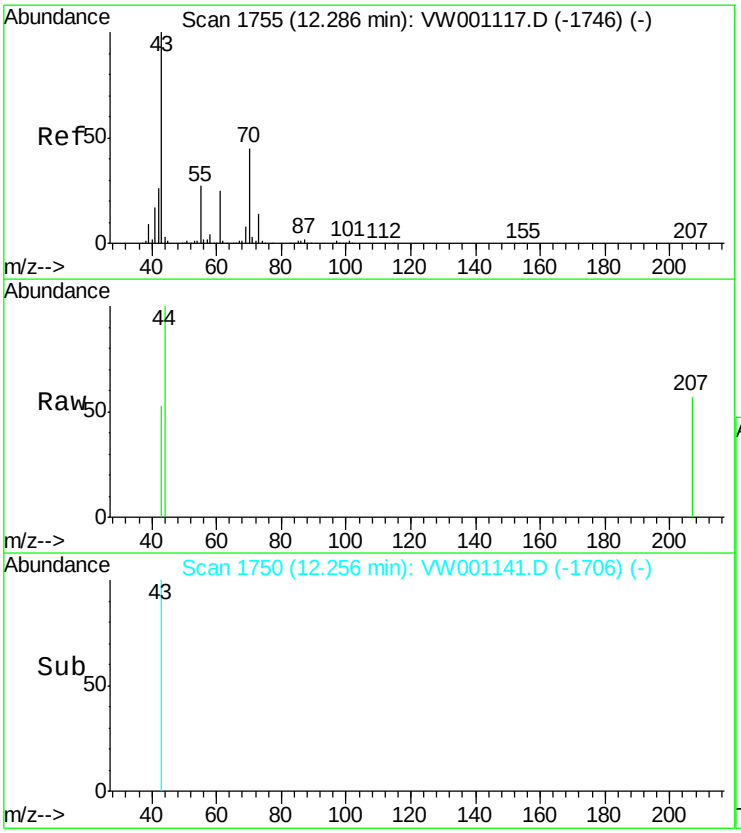
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.58 min Scan# 1967
Delta R.T. 0.01 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument : MSVOA_W
ClientSampleId : EPE-108-4(80-82)RE

Tgt Ion:152 Resp: 1273

Ion	Ratio	Lower	Upper
152	100		
115	64.8	28.4	85.3
150	158.1	0.0	342.4

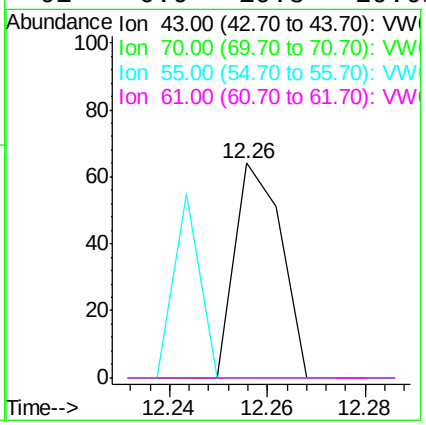


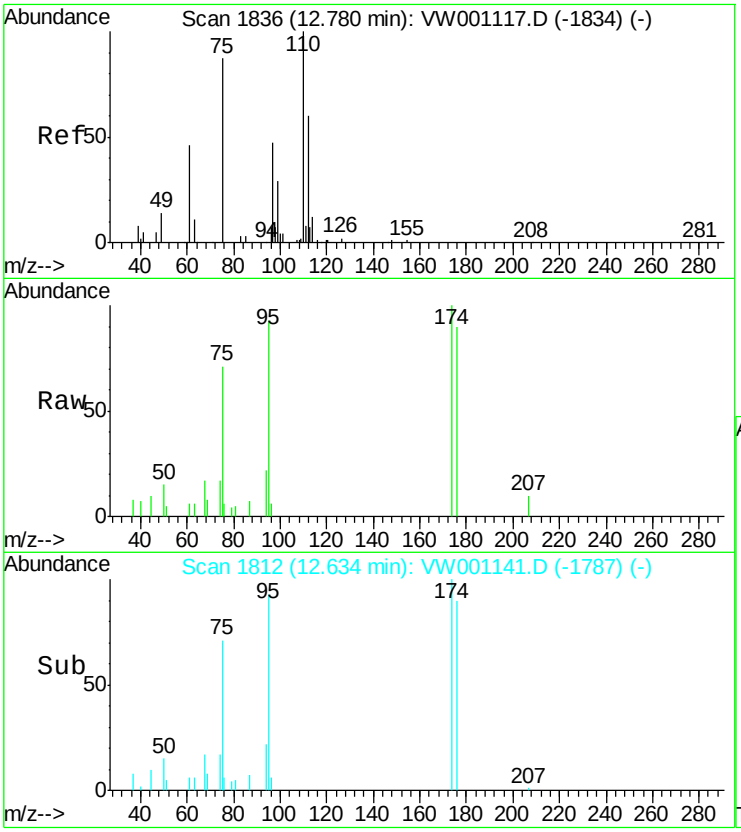


#74
N-amyl acetate
Concen: 2.31 ug/l
RT: 12.26 min Scan# 1750
Delta R.T. -0.03 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 43 Resp: 42

Ion	Ratio	Lower	Upper
43	100		
70	0.0	36.0	54.0#
55	47.6	21.7	32.5#
61	0.0	19.8	29.6#



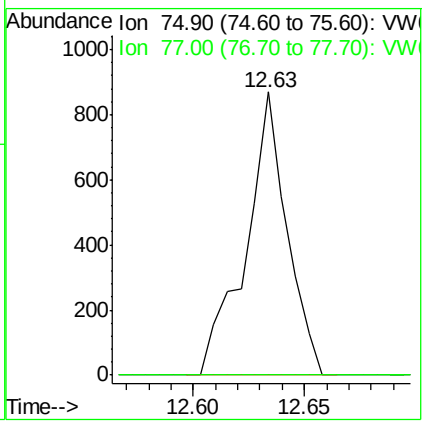


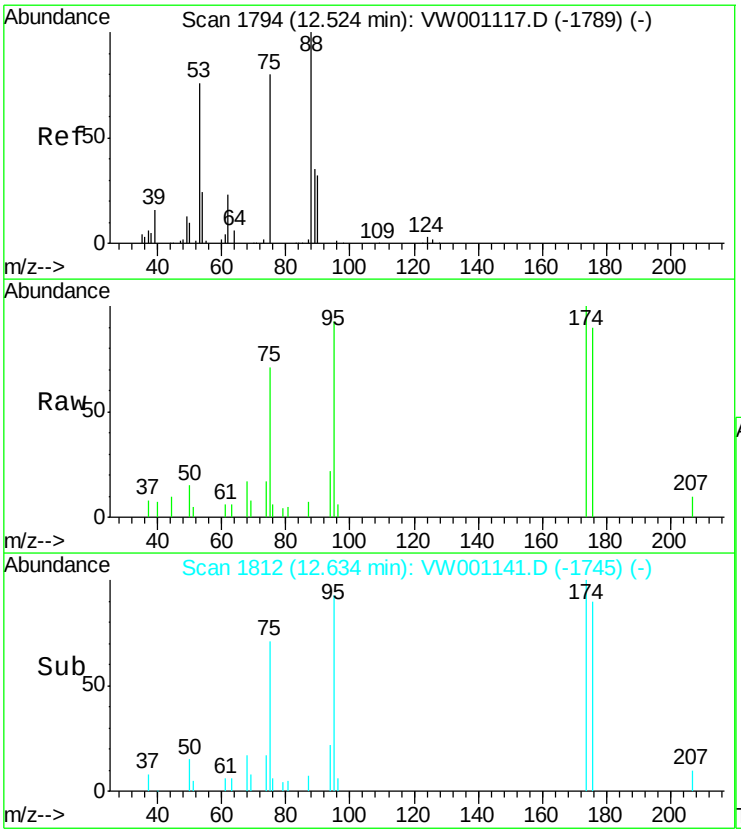
#76
1,2,3-Trichloropropane
Concen: 86.50 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. -0.15 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Instrument :
MSVOA_W
ClientSampleId :
EPE-108-4(80-82)RE

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#81
trans-1,4-Dichloro-2-butene
Concen: 227.44 ug/l
RT: 12.63 min Scan# 1812
Delta R.T. 0.11 min
Lab File: VW001141.D
Acq: 30 Jan 2018 00:57

Tgt Ion: 75 Resp: 1116

Ion	Ratio	Lower	Upper
75	100		
53	0.0	75.0	112.6#
89	0.0	38.2	57.4#