Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083119\
Data File : VU034092.D
Acq On : 30 Aug 2019 12:48
Operator : JC/SP
Sample : K4555-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_U
ClientSampleId : TW-11

Quant Time: Aug 31 03:38:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	4.96	168	474129	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	5.87	114	755206	50.00	ug/l	0.00
63) Chlorobenzene-d5	9.07	117	734314	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.47	152	378928	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	5.29	65	293838	48.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.74%			
35) Dibromofluoromethane	4.86	113	241780	46.16	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.32%			
50) Toluene-d8	7.55	98	963352	49.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.24%			
62) 4-Bromofluorobenzene	10.29	95	349321	45.79	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.58%			
Target Compounds						Qvalue
3) Chloromethane	1.32	50	2362	Below Cal		98
5) Bromomethane	1.63	94	874	Below Cal		96
11) Tert butyl alcohol	2.82	59	2421	1.728	ug/l #	91
13) Acrolein	2.18	56	440	0.747	ug/l	84
16) Acetone	2.31	43	22687	7.319	ug/l	96
17) Carbon Disulfide	2.47	76	6484	0.432	ug/l #	95
19) Methyl tert-butyl Ether	2.99	73	3886	0.250	ug/l #	83
25) 2-Butanone	4.28	43	2861	0.663	ug/l	92
31) Cyclohexane	4.96	56	8463	0.933	ug/l #	1
36) 1,1-Dichloropropene	4.96	75	34269	4.797	ug/l #	49
37) Ethyl Acetate	4.28	43	2861	0.358	ug/l #	68
38) Carbon Tetrachloride	4.96	117	43417	6.297	ug/l #	16
48) Methyl methacrylate	6.53	41	3378	0.575	ug/l #	30
51) 4-Methyl-2-Pentanone	7.45	43	4746	0.565	ug/l	93
56) Ethyl methacrylate	8.03	69	145	0.987	ug/l #	27
59) 2-Hexanone	8.36	43	3725	0.587	ug/l	83
76) 1,2,3-Trichloropropane	10.29	75	166223	19.463	ug/l #	37
81) trans-1,4-Dichloro-2-buten	10.29	75	166223	65.537	ug/l #	100
93) 1,2,4-Trichlorobenzene	13.49	180	1176	1.253	ug/l	70
95) Naphthalene	13.74	128	9061	2.159	ug/l #	90

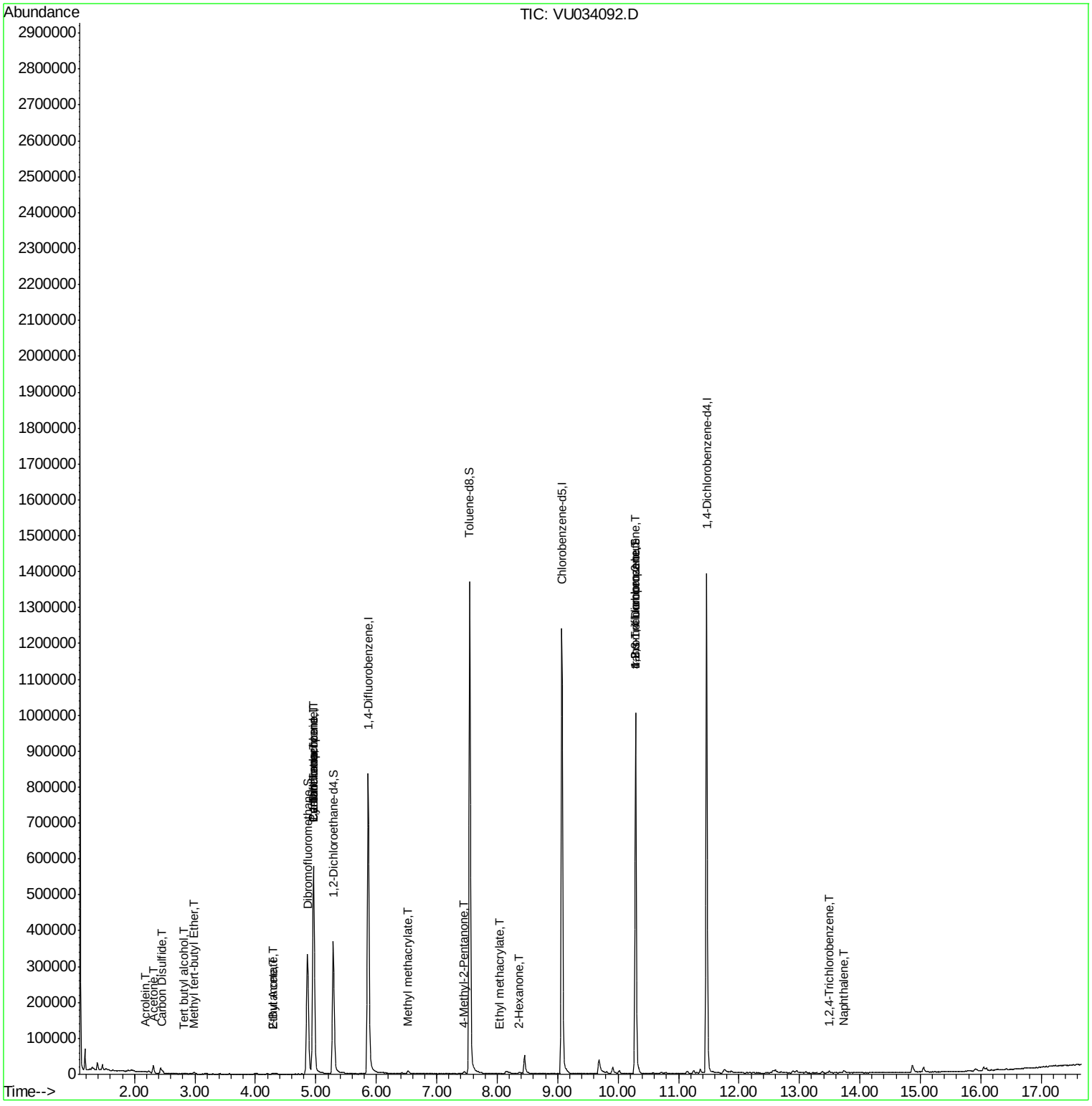
(#) = qualifier out of range (m) = manual integration (+) = signals summed

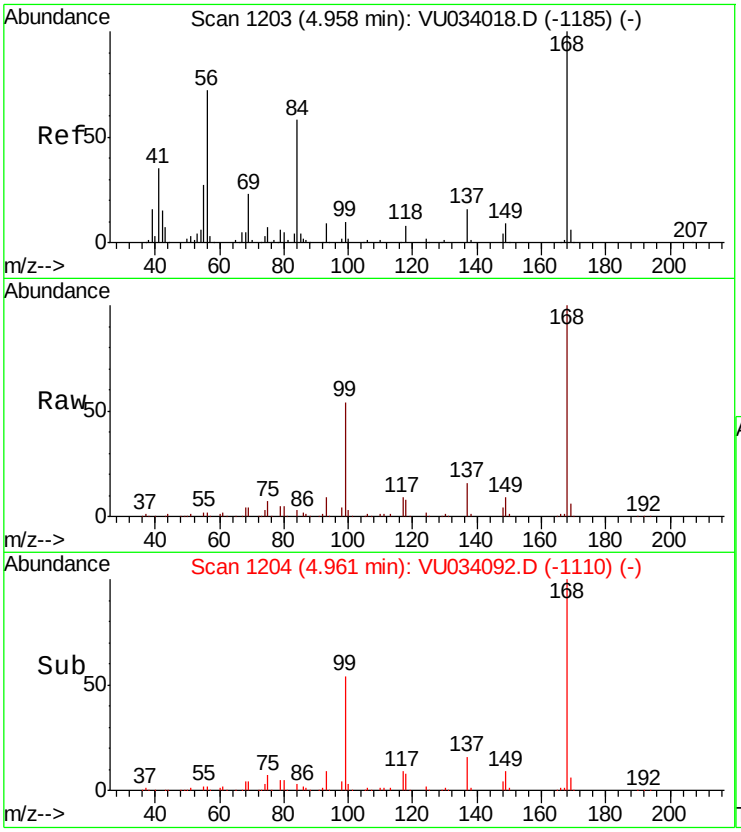
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU083119\
Data File : VU034092.D
Acq On : 30 Aug 2019 12:48
Operator : JC/SP
Sample : K4555-11
Misc : 5.0mL/MSVOA_U/WATER
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Quant Time: Aug 31 03:38:04 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\82U082919W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 29 04:11:12 2019
Response via : Initial Calibration



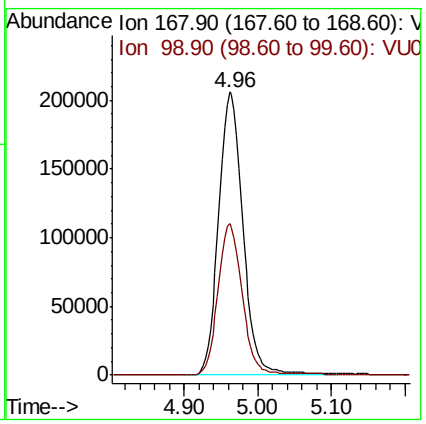


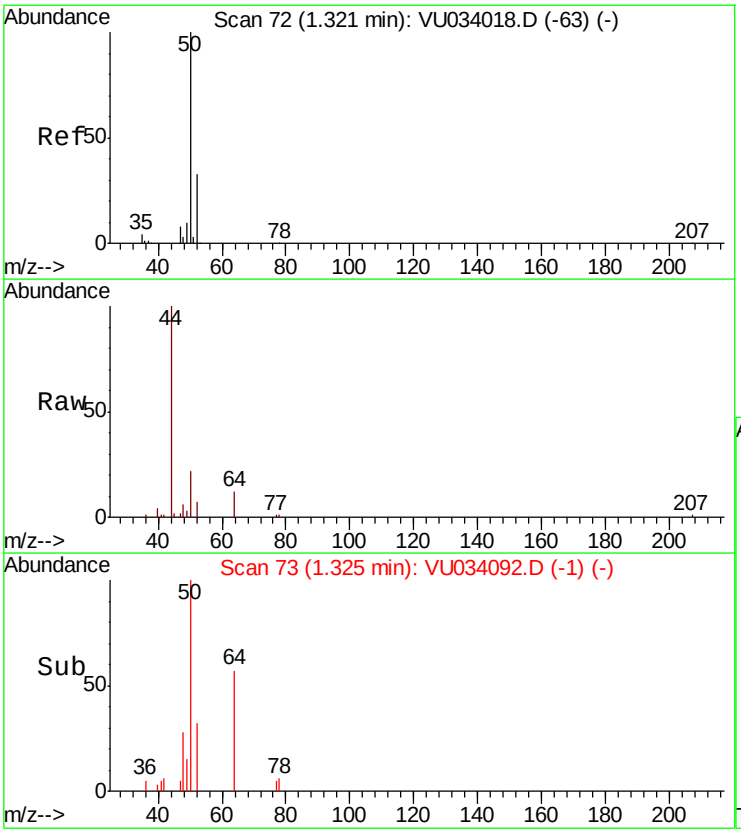
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion:168 Resp: 474129

Ion	Ratio	Lower	Upper
168	100		
99	53.7	42.3	63.5

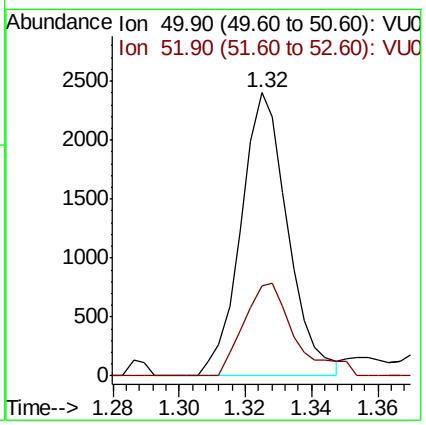


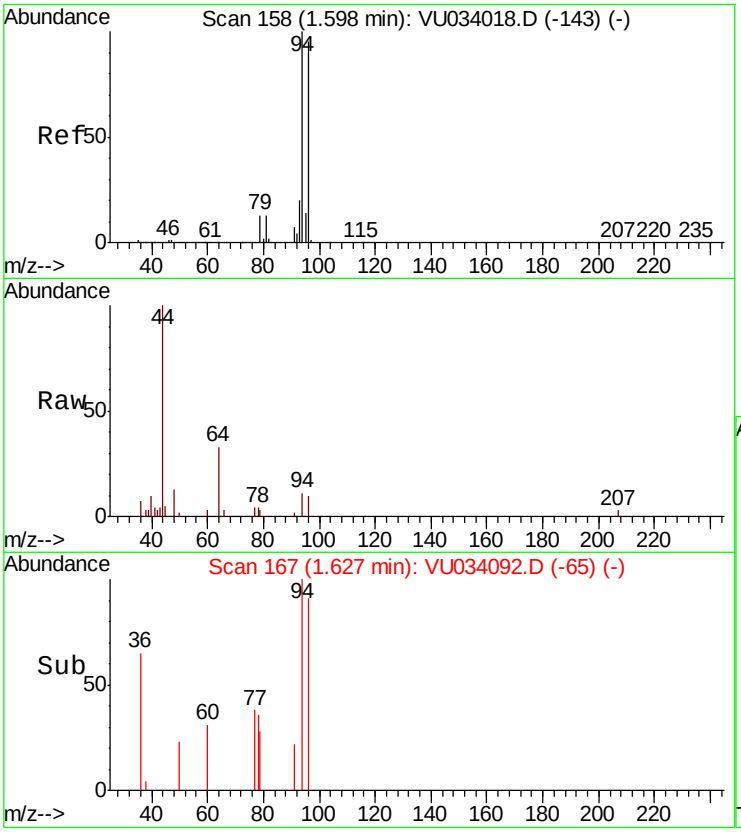


#3
Chloromethane
Concen: Below Cal
RT: 1.32 min Scan# 73
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 50 Resp: 2362

Ion	Ratio	Lower	Upper
50	100		
52	31.9	26.2	39.4



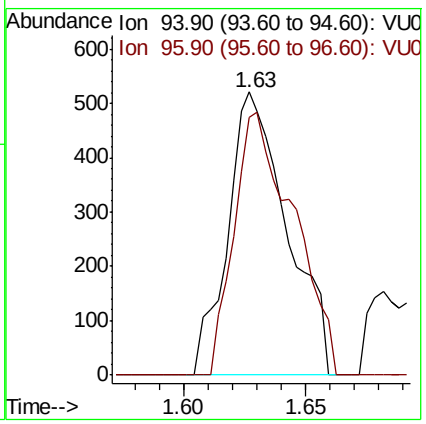


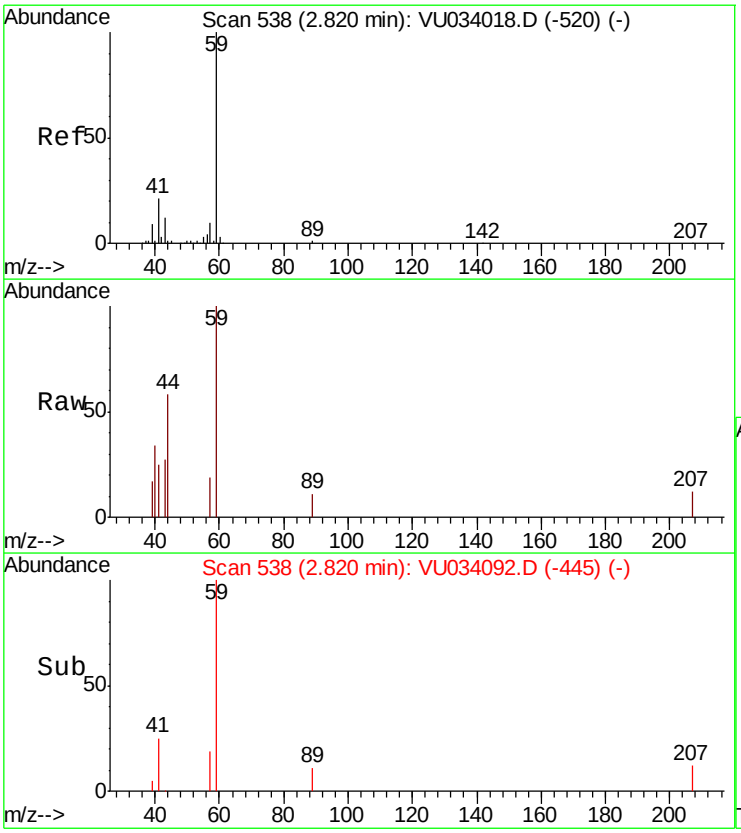
#5
Bromomethane
Concen: Below Cal
RT: 1.63 min Scan# 167
Delta R.T. 0.03 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion: 94 Resp: 874

Ion	Ratio	Lower	Upper
94	100		
96	91.2	76.3	114.5

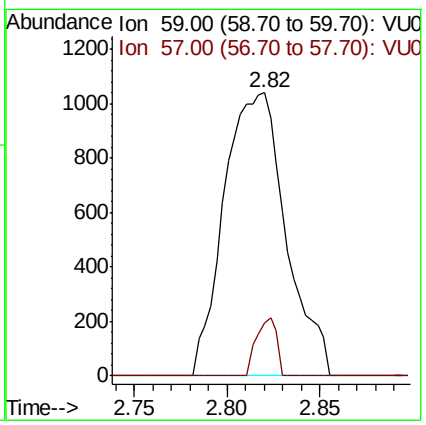


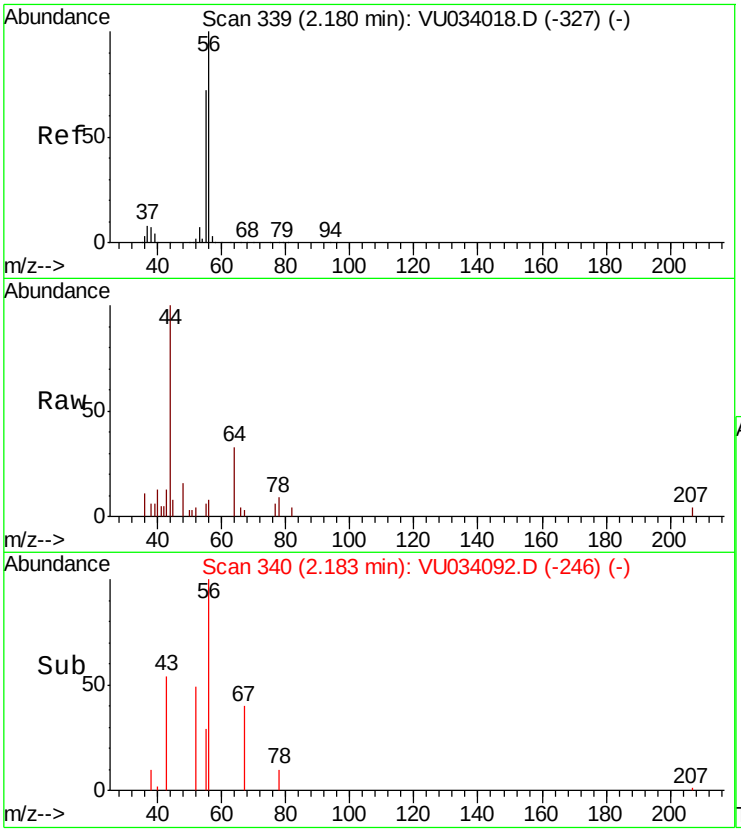


#11
Tert butyl alcohol
Concen: 1.728 ug/l
RT: 2.82 min Scan# 538
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 59 Resp: 2421

Ion	Ratio	Lower	Upper
59	100		
57	6.7	8.0	12.0#



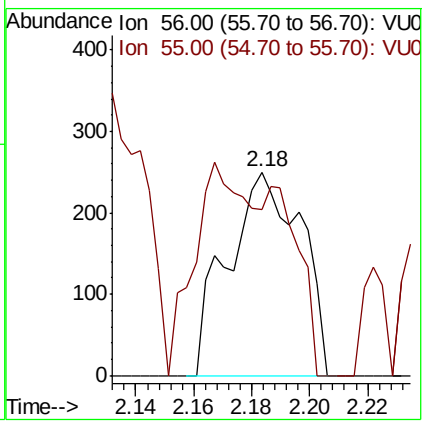


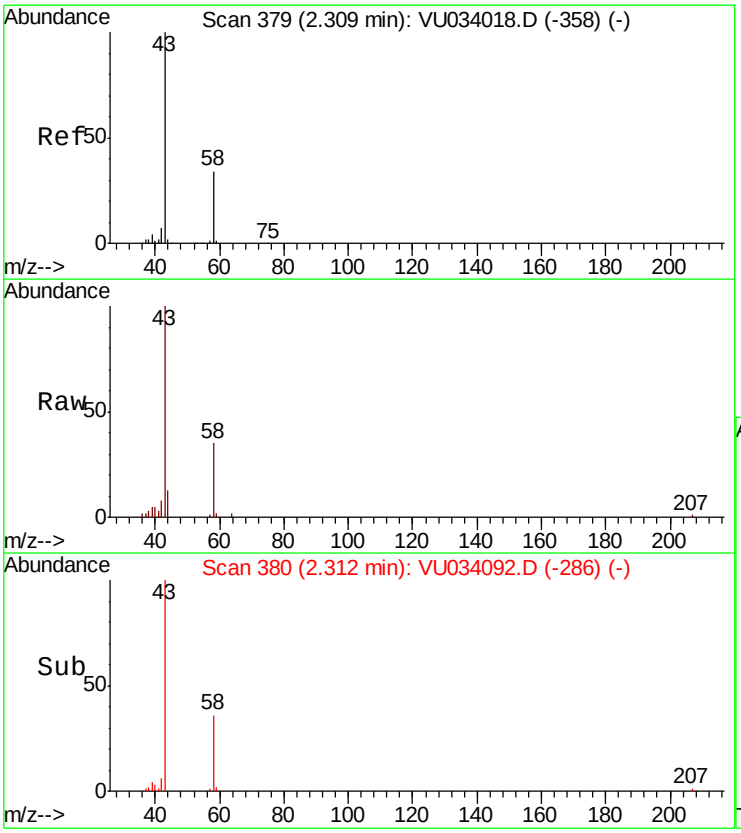
#13
Acrolein
Concen: 0.747 ug/l
RT: 2.18 min Scan# 340
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion: 56 Resp: 440

Ion	Ratio	Lower	Upper
56	100		
55	84.3	57.1	85.7

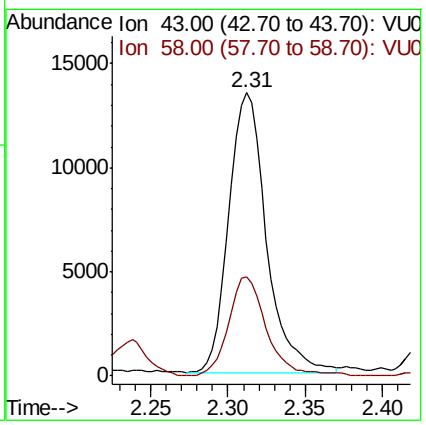


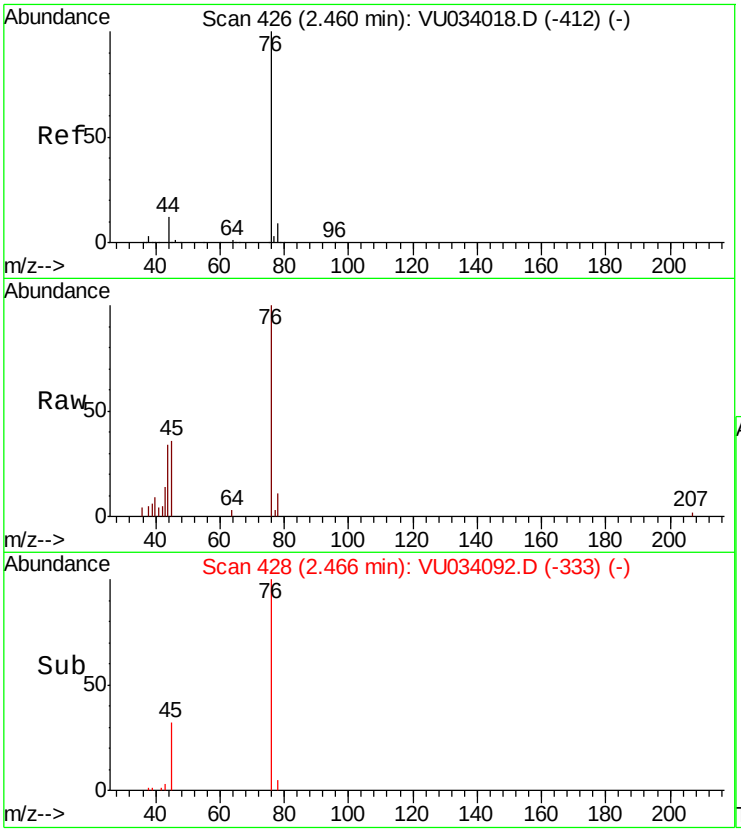


#16
Acetone
Concen: 7.319 ug/l
RT: 2.31 min Scan# 380
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 43 Resp: 22687

Ion	Ratio	Lower	Upper
43	100		
58	35.5	26.8	40.2



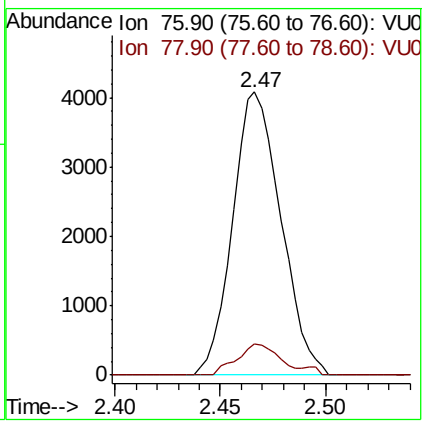


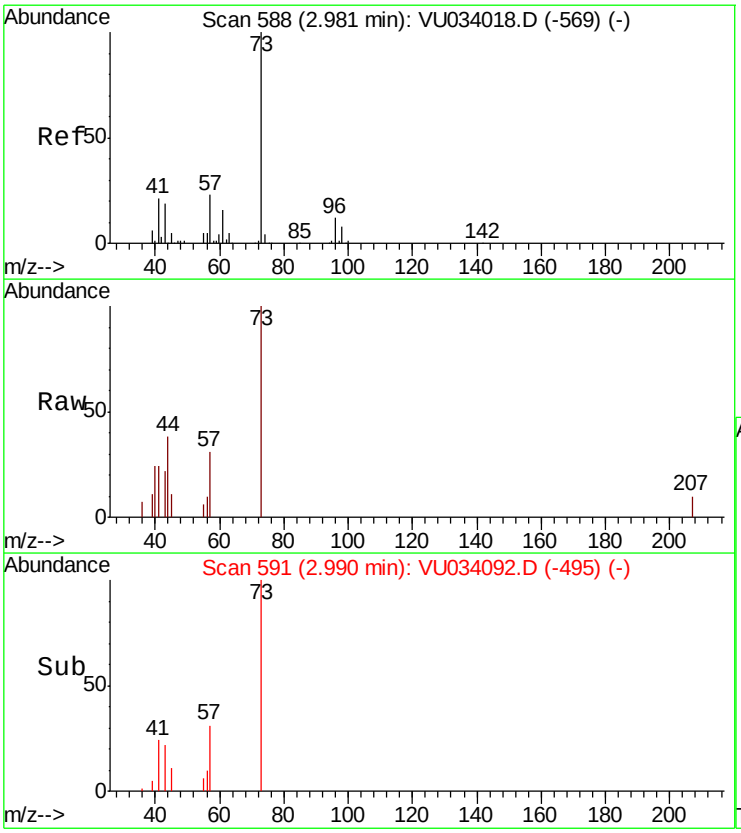
#17
Carbon Disulfide
Concen: 0.432 ug/l
RT: 2.47 min Scan# 428
Delta R.T. 0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion: 76 Resp: 6484

Ion	Ratio	Lower	Upper
76	100		
78	10.9	7.1	10.7#

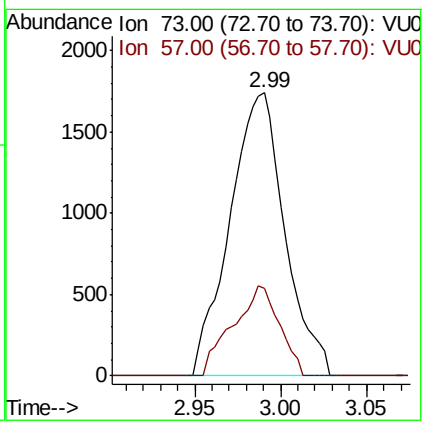


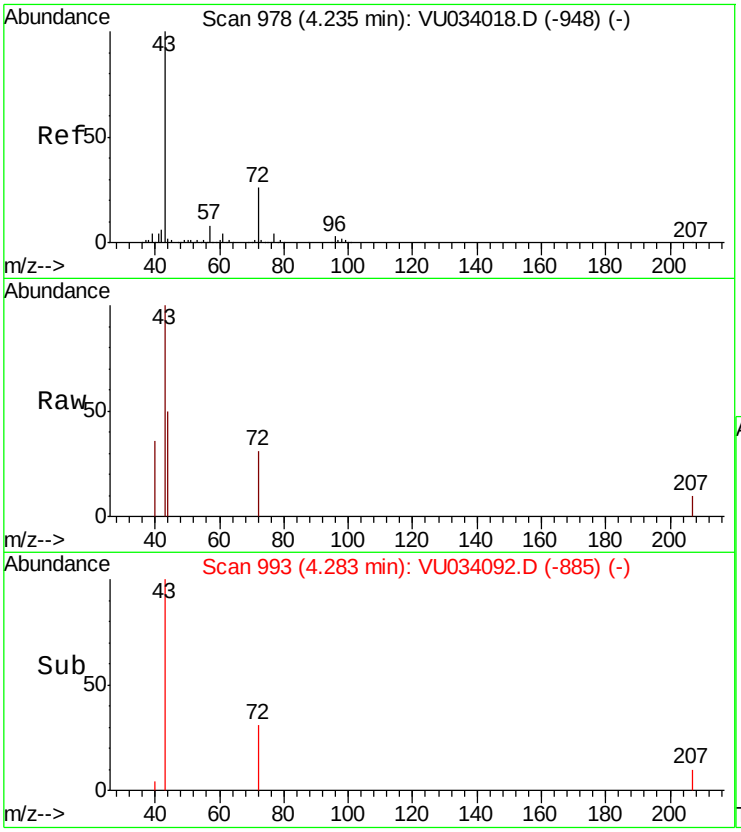


#19
Methyl tert-butyl Ether
Concen: 0.250 ug/l
RT: 2.99 min Scan# 591
Delta R.T. 0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 73 Resp: 3886

Ion	Ratio	Lower	Upper
73	100		
57	31.1	18.3	27.5#



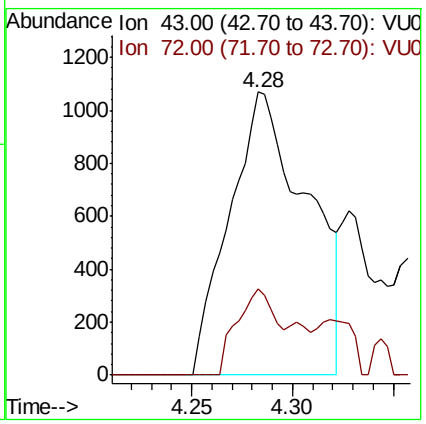


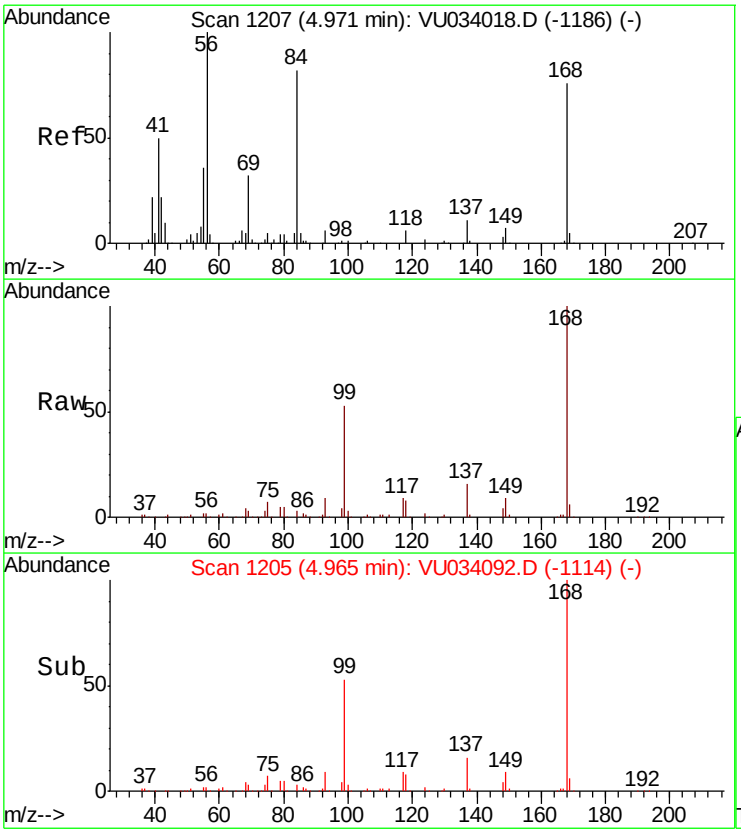
#25
2-Butanone
Concen: 0.663 ug/l
RT: 4.28 min Scan# 993
Delta R.T. 0.05 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion: 43 Resp: 2861

Ion	Ratio	Lower	Upper
43	100		
72	30.6	21.2	31.8

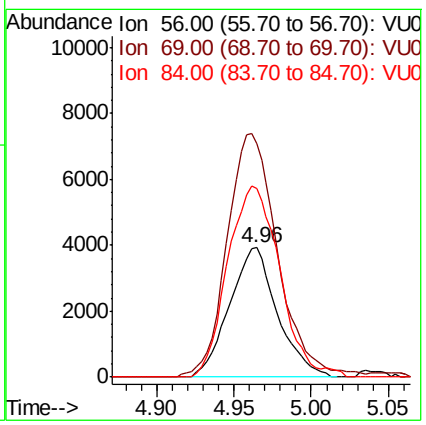


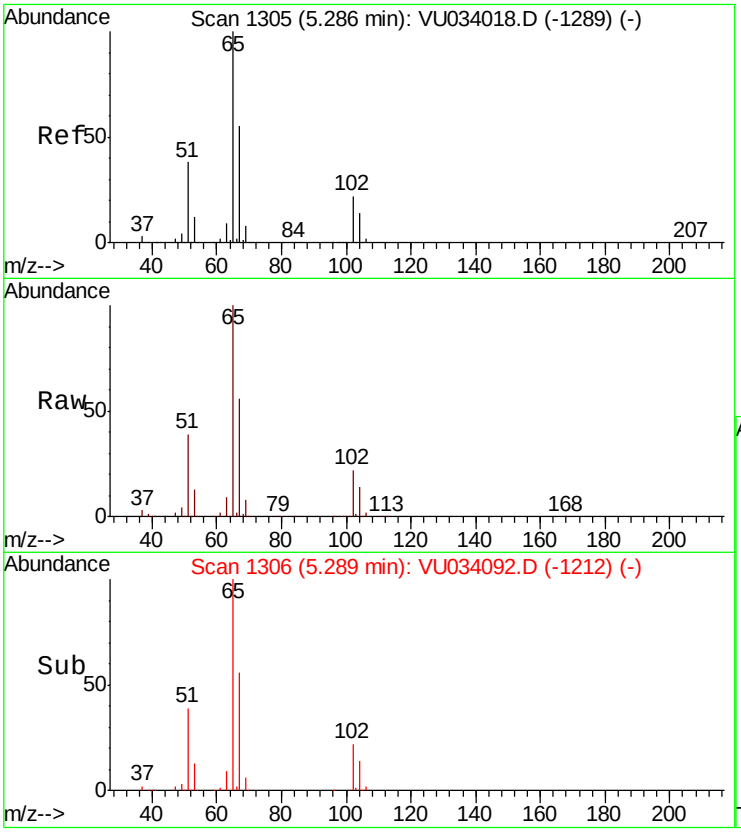


#31
Cyclohexane
Concen: 0.933 ug/l
RT: 4.96 min Scan# 1205
Delta R.T. -0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 56 Resp: 8463

Ion	Ratio	Lower	Upper
56	100		
69	177.6	25.4	38.0#
84	145.7	65.8	98.8#



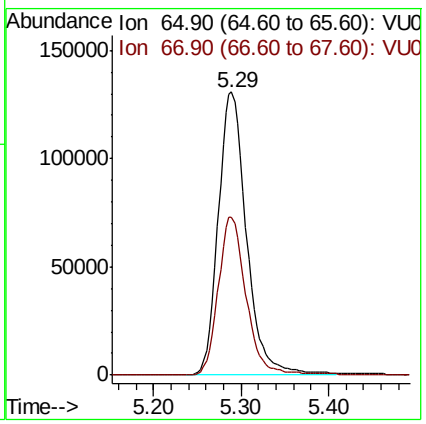


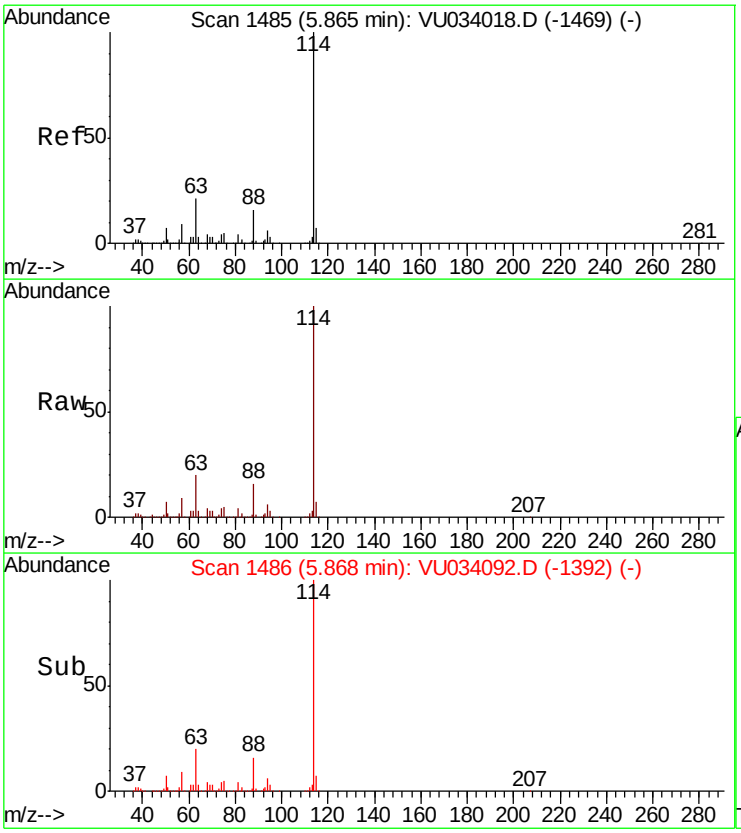
#33
1,2-Dichloroethane-d4
Concen: 48.367 ug/l
RT: 5.29 min Scan# 1306
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion: 65 Resp: 293838

Ion	Ratio	Lower	Upper
65	100		
67	55.2	0.0	110.6

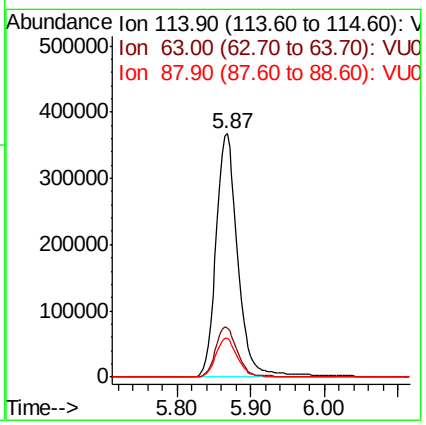


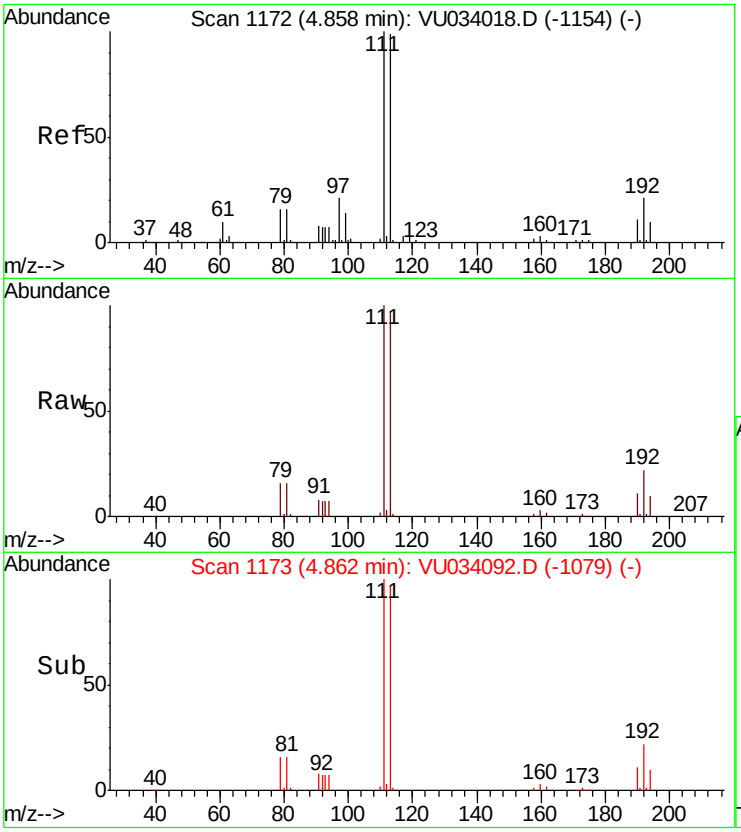


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 5.87 min Scan# 1486
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion:114 Resp: 755206

Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	42.0
88	16.0	0.0	32.0



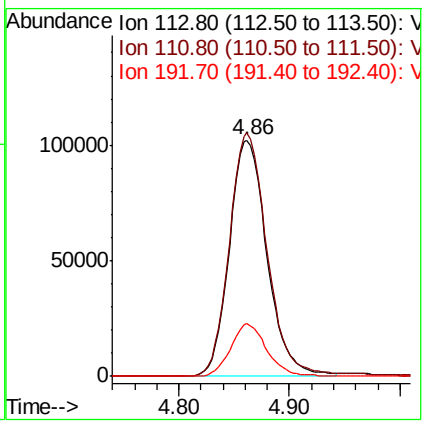


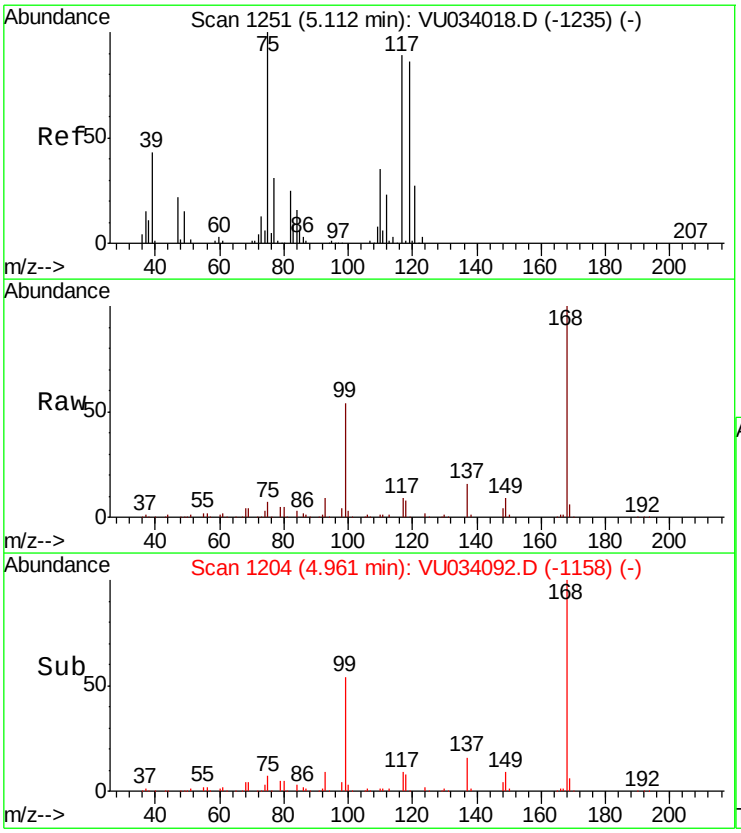
#35
Dibromofluoromethane
Concen: 46.158 ug/l
RT: 4.86 min Scan# 1173
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion:113 Resp: 241780

Ion	Ratio	Lower	Upper
113	100		
111	104.2	81.7	122.5
192	21.6	17.1	25.7

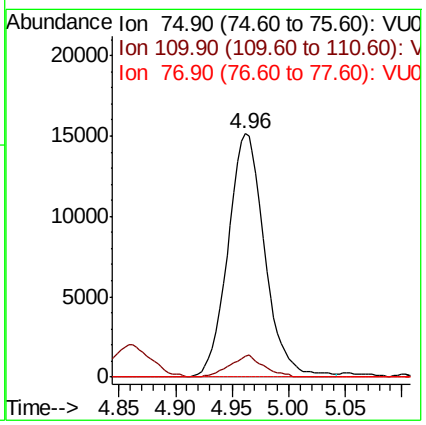


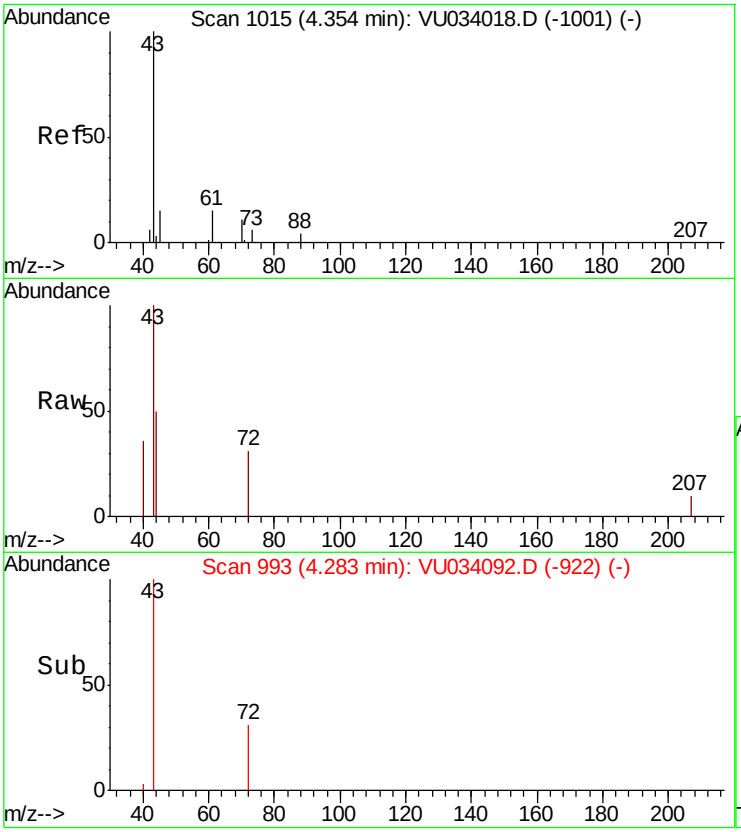


#36
1,1-Dichloropropene
Concen: 4.797 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 75 Resp: 34269

Ion	Ratio	Lower	Upper
75	100		
110	8.3	17.8	53.5#
77	0.0	25.0	37.4#



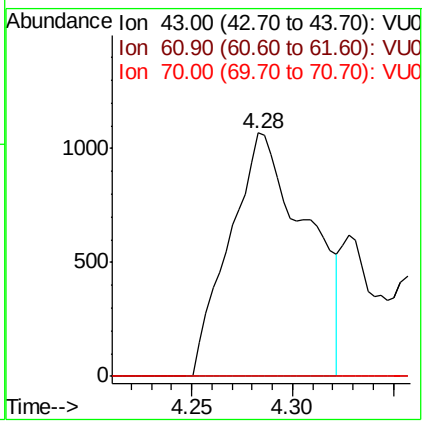


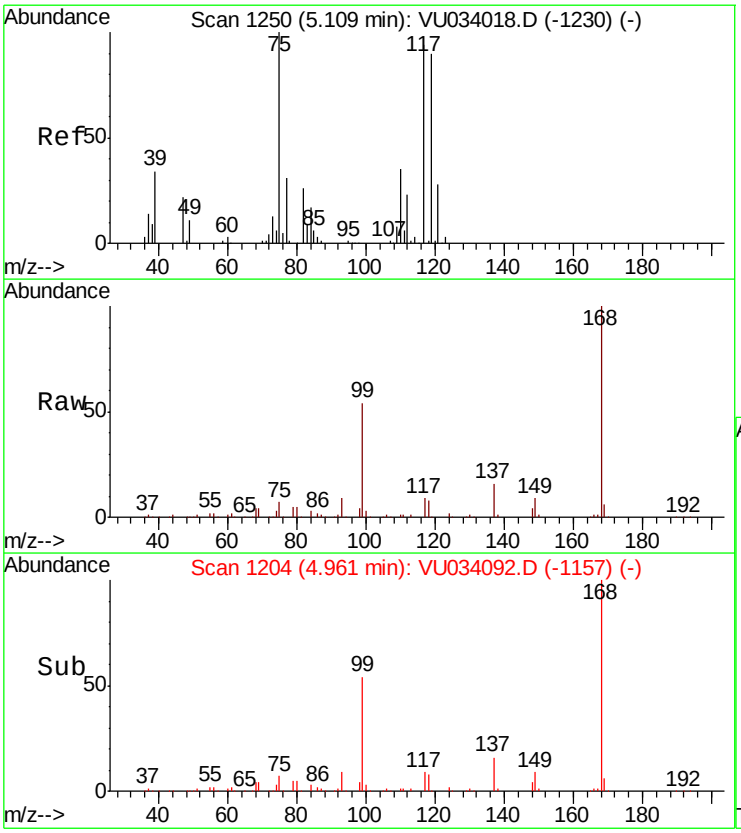
#37
Ethyl Acetate
Concen: 0.358 ug/l
RT: 4.28 min Scan# 993
Delta R.T. -0.07 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion: 43 Resp: 2861

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.5	17.3#
70	0.0	8.6	12.8#

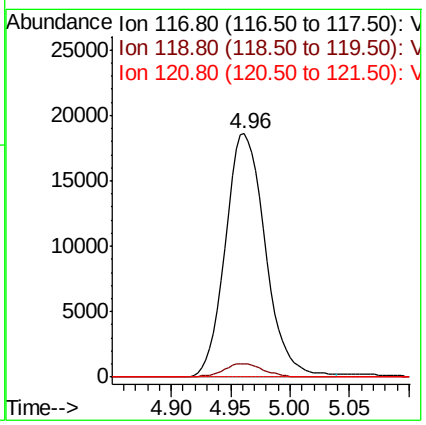


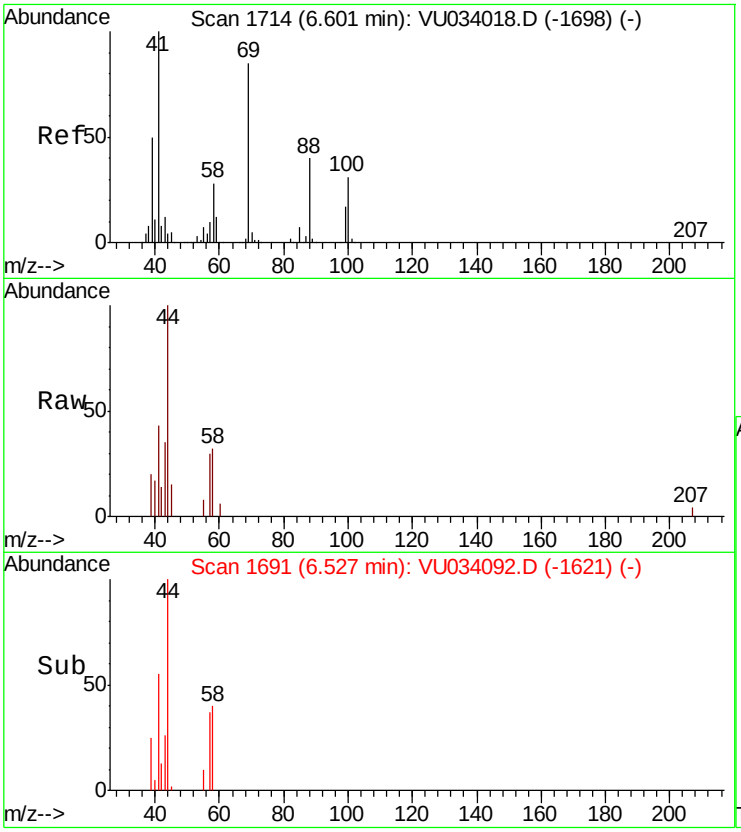


#38
Carbon Tetrachloride
Concen: 6.297 ug/l
RT: 4.96 min Scan# 1204
Delta R.T. -0.15 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion:117 Resp: 43417

Ion	Ratio	Lower	Upper
117	100		
119	5.2	77.0	115.4#
121	0.0	23.9	35.9#



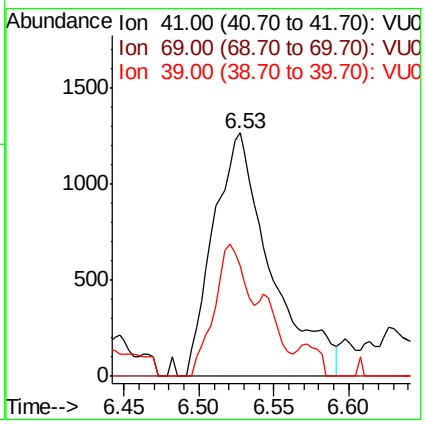


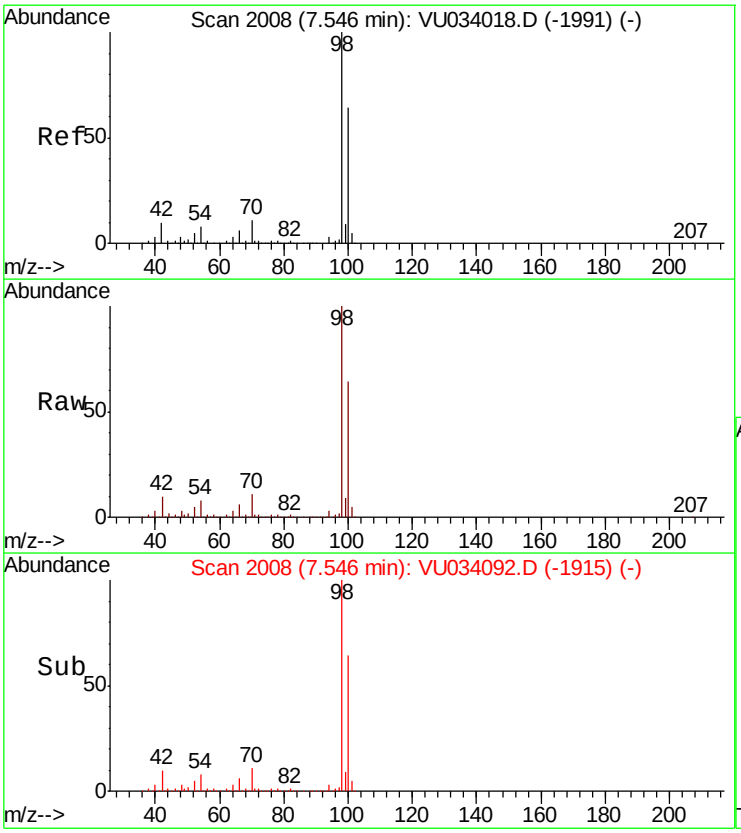
#48
Methyl methacrylate
Concen: 0.575 ug/l
RT: 6.53 min Scan# 1691
Delta R.T. -0.07 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion: 41 Resp: 3378

Ion	Ratio	Lower	Upper
41	100		
69	0.0	69.5	104.3#
39	31.1	40.3	60.5#

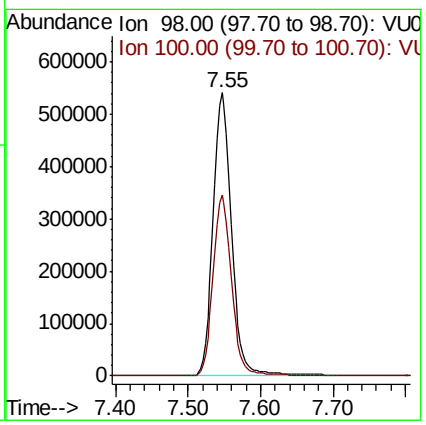


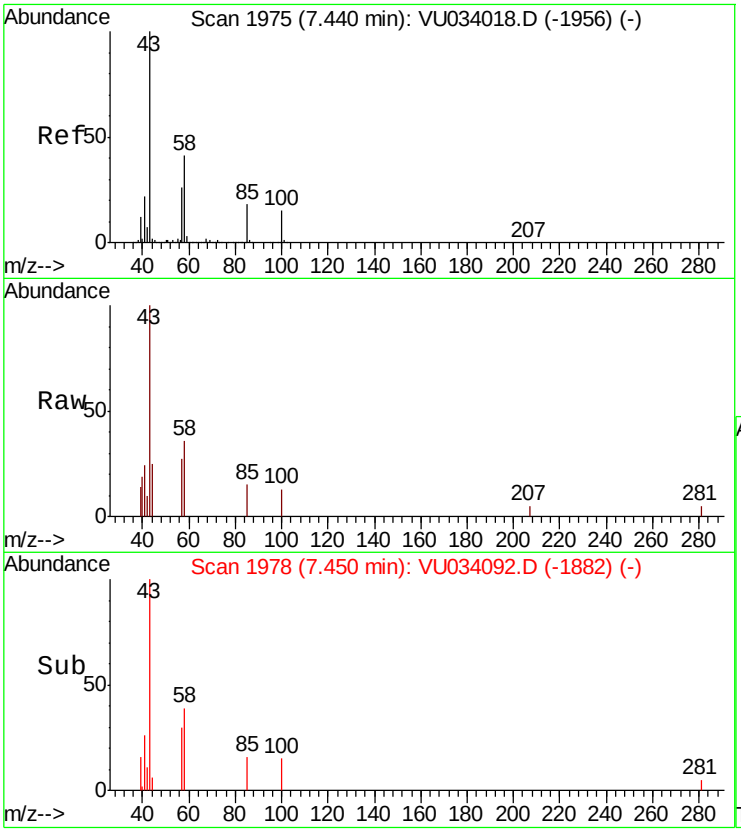


#50
Toluene-d8
Concen: 49.118 ug/l
RT: 7.55 min Scan# 2008
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 98 Resp: 963352

Ion	Ratio	Lower	Upper
98	100		
100	63.9	50.3	75.5



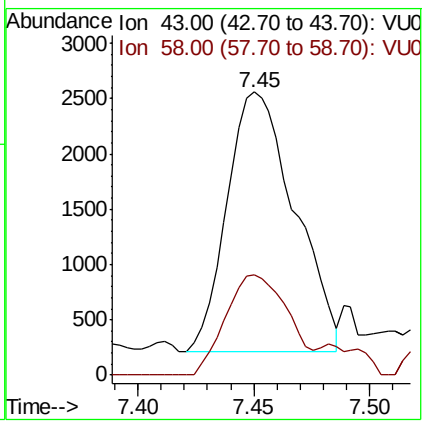


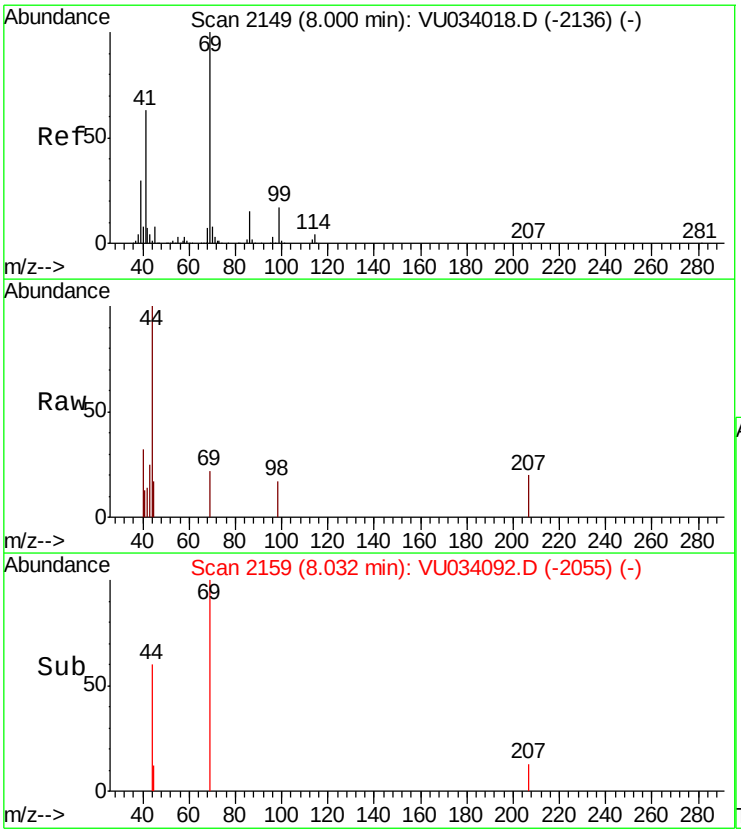
#51
4-Methyl-2-Pentanone
Concen: 0.565 ug/l
RT: 7.45 min Scan# 1978
Delta R.T. 0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion: 43 Resp: 4746

Ion	Ratio	Lower	Upper
43	100		
58	36.1	32.2	48.4

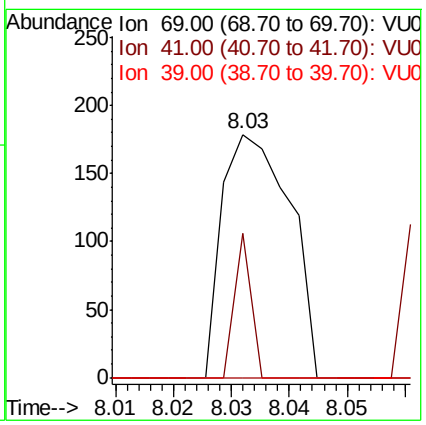


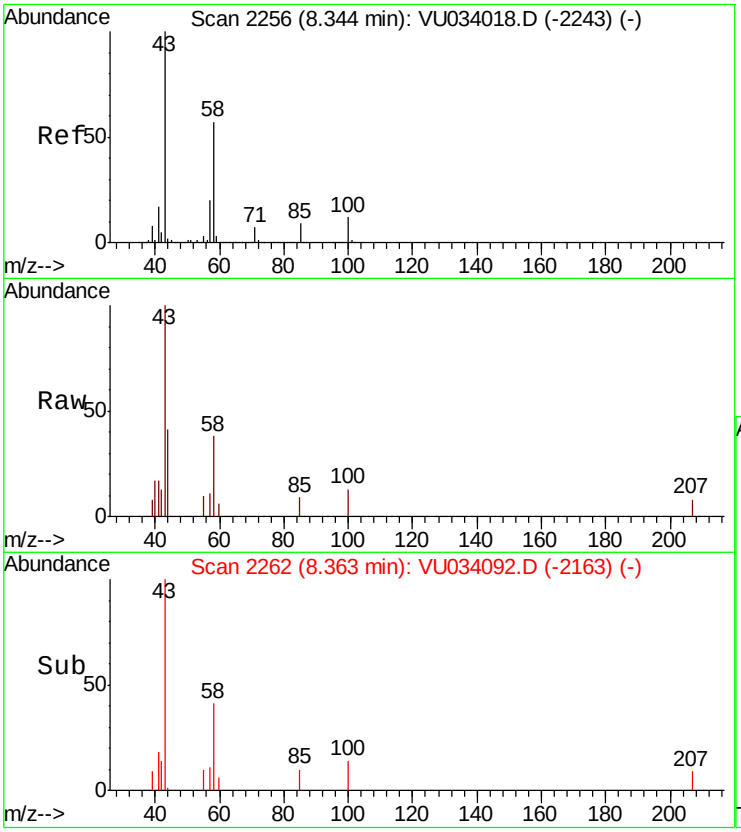


#56
Ethyl methacrylate
Concen: 0.987 ug/l
RT: 8.03 min Scan# 2159
Delta R.T. 0.03 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 69 Resp: 145

Ion	Ratio	Lower	Upper
69	100		
41	0.0	50.7	76.1#
39	0.0	24.2	36.2#



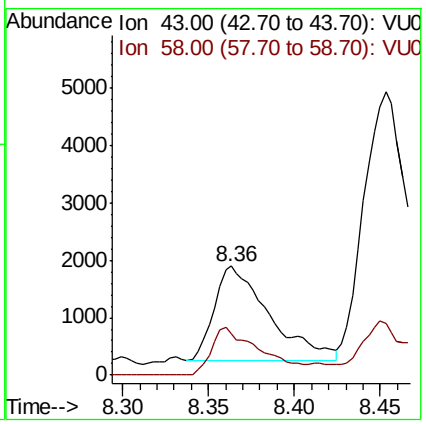


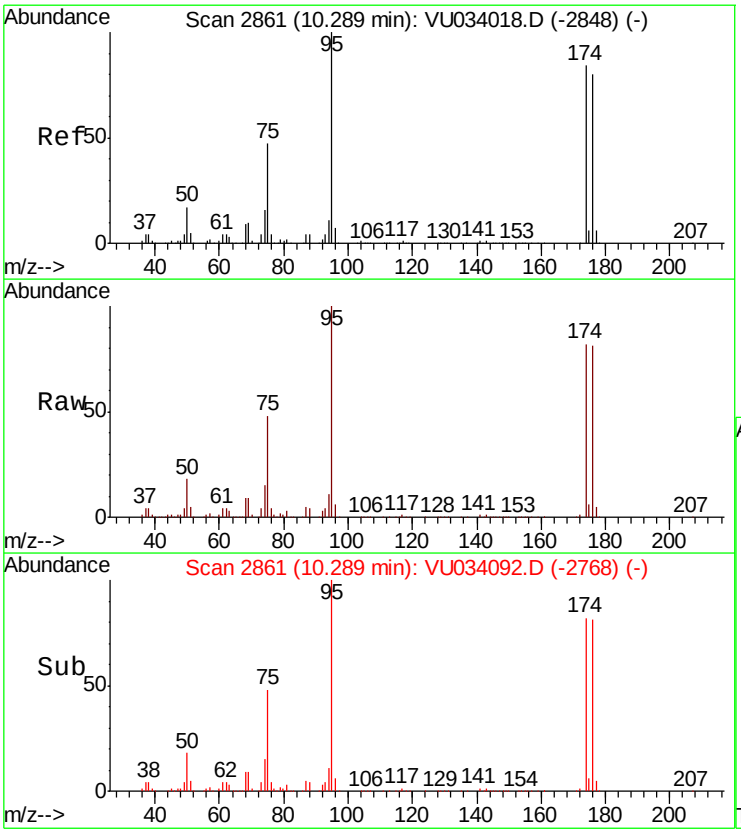
#59
2-Hexanone
Concen: 0.587 ug/l
RT: 8.36 min Scan# 2262
Delta R.T. 0.02 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion: 43 Resp: 3725

Ion	Ratio	Lower	Upper
43	100		
58	44.5	28.4	85.3

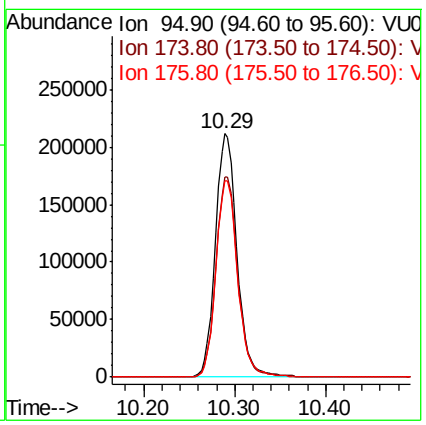


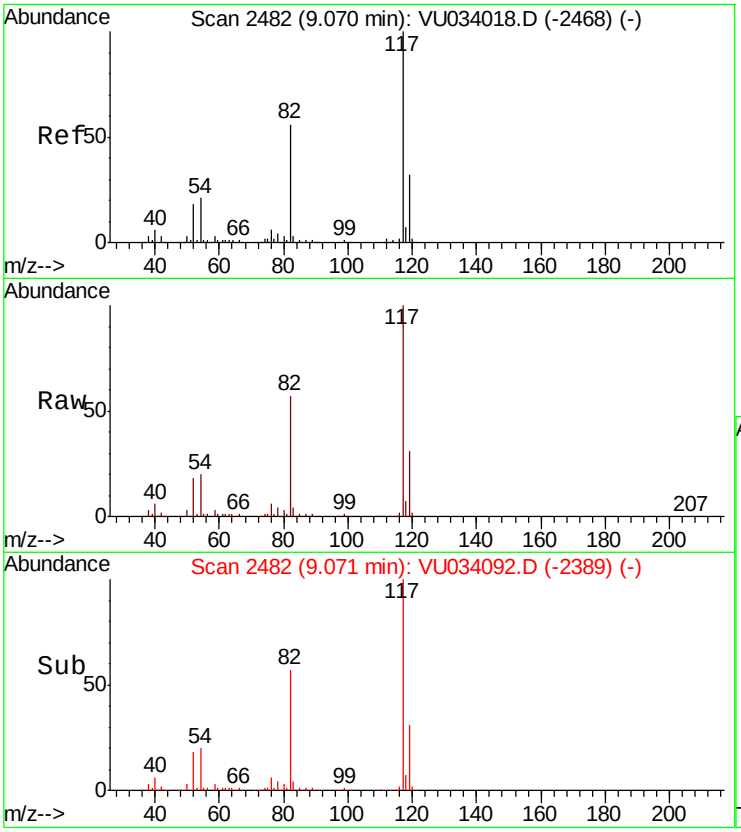


#62
4-Bromofluorobenzene
Concen: 45.787 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 95 Resp: 349321

Ion	Ratio	Lower	Upper
95	100		
174	83.3	0.0	168.8
176	81.3	0.0	161.8



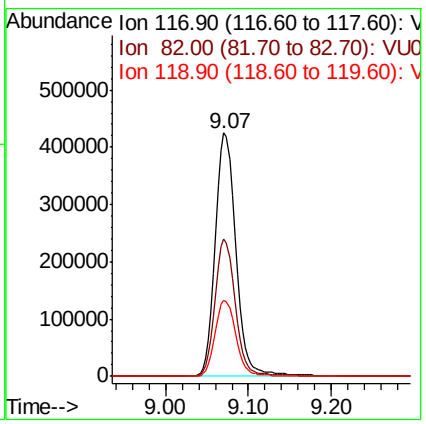


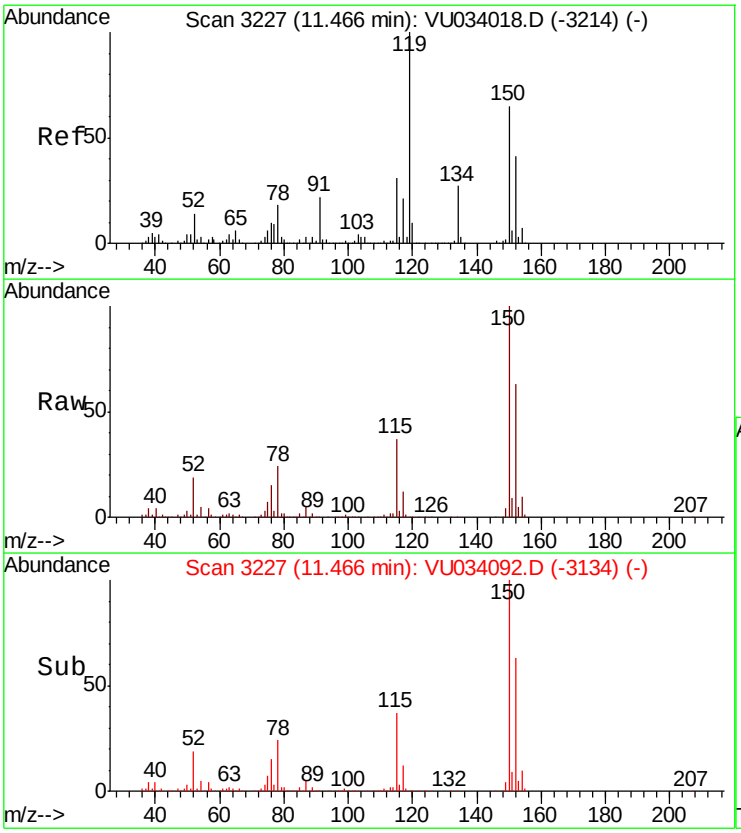
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 9.07 min Scan# 2482
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument : MSVOA_U
ClientSampleId : TW-11

Tgt Ion:117 Resp: 734314

Ion	Ratio	Lower	Upper
117	100		
82	56.5	45.1	67.7
119	31.3	25.4	38.0

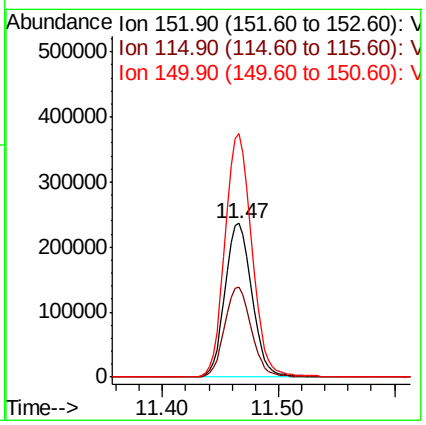


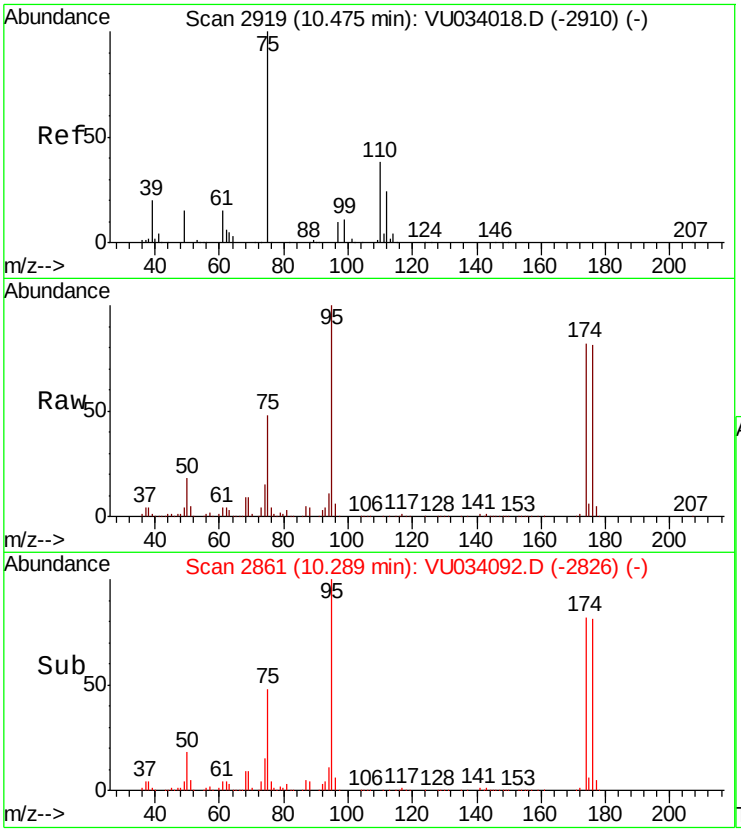


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 11.47 min Scan# 3227
Delta R.T. 0.00 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion:152 Resp: 378928

Ion	Ratio	Lower	Upper
152	100		
115	58.5	41.1	123.3
150	157.5	0.0	348.8



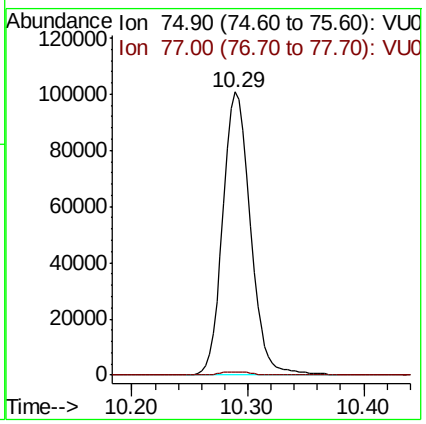


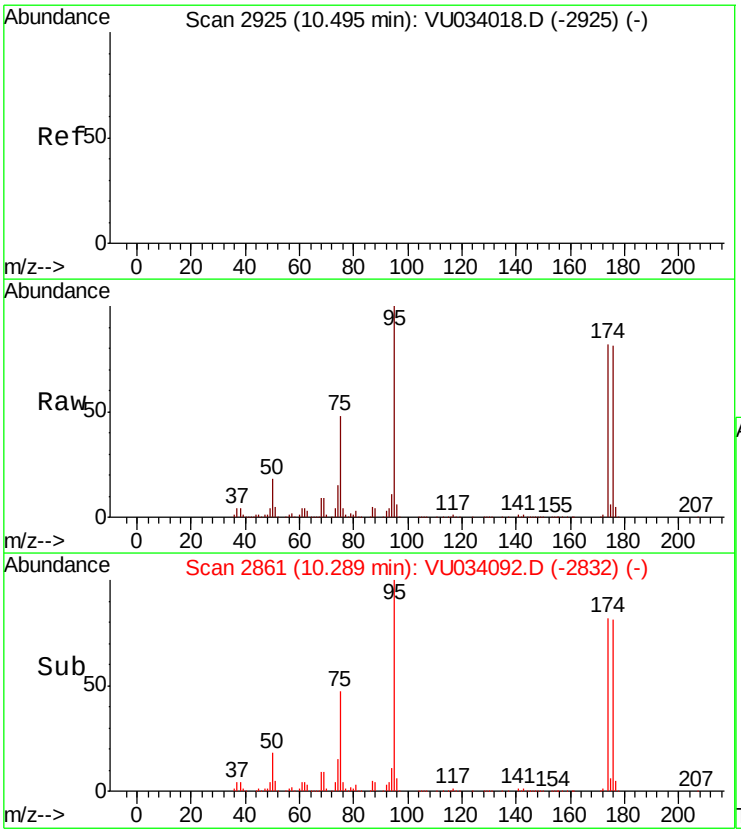
#76
1,2,3-Trichloropropane
Concen: 19.463 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.19 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion: 75 Resp: 166223

Ion	Ratio	Lower	Upper
75	100		
77	1.3	20.1	60.2#

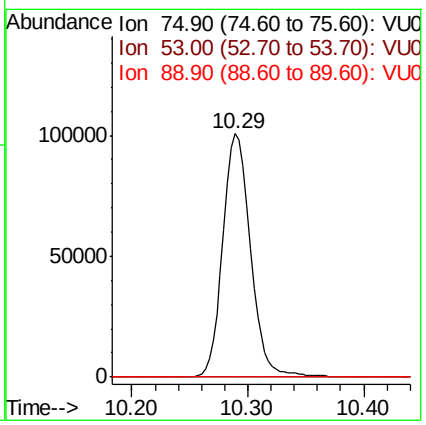


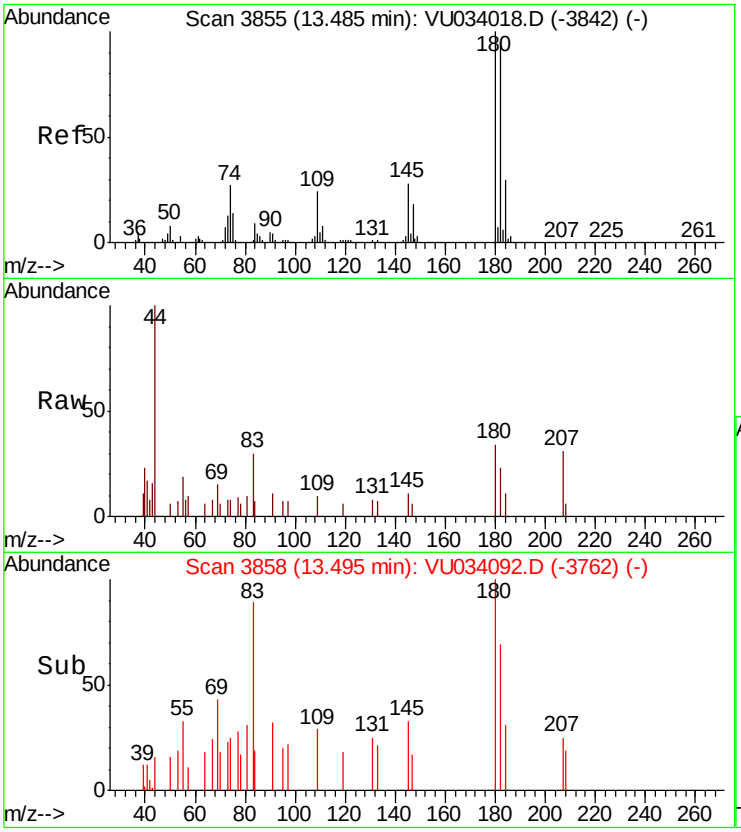


#81
trans-1,4-Dichloro-2-butene
Concen: 65.537 ug/l
RT: 10.29 min Scan# 2861
Delta R.T. -0.21 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion: 75 Resp: 166223

Ion	Ratio	Lower	Upper
75	100		
53	0.0	0.0	0.0#
89	0.0	0.0	0.0



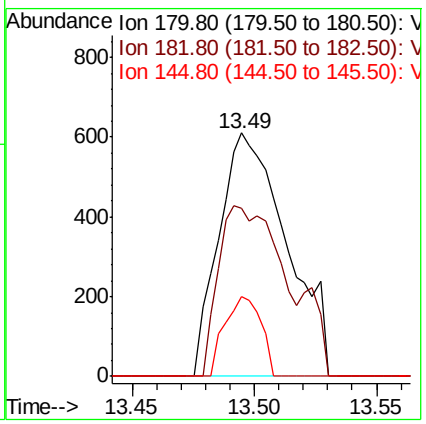


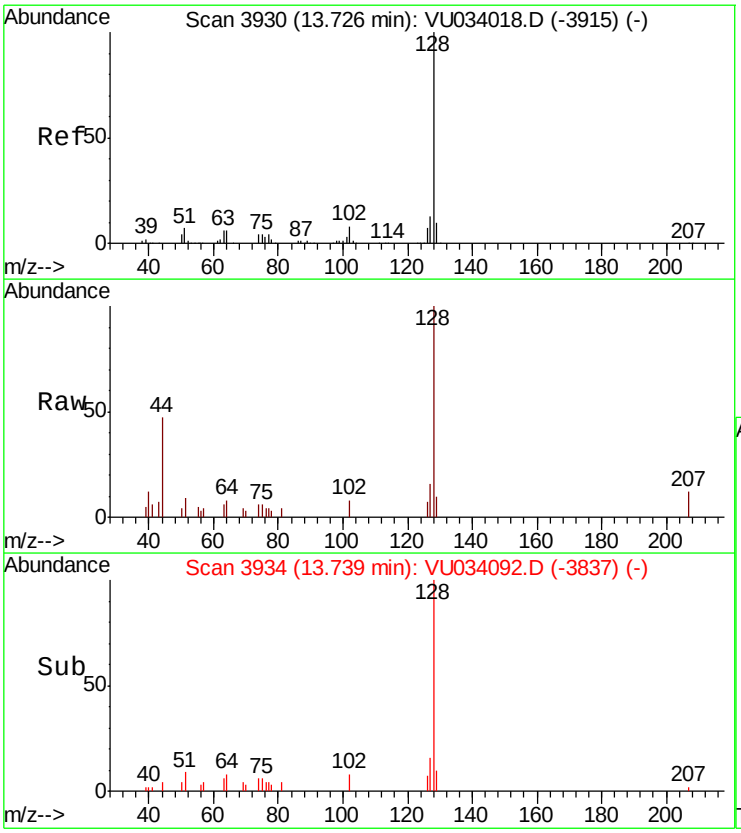
#93
1,2,4-Trichlorobenzene
Concen: 1.253 ug/l
RT: 13.49 min Scan# 3858
Delta R.T. 0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Instrument :
MSVOA_U
ClientSampleId :
TW-11

Tgt Ion:180 Resp: 1176

Ion	Ratio	Lower	Upper
180	100		
182	63.4	47.4	142.2
145	17.6	14.1	42.3





#95
Naphthalene
Concen: 2.159 ug/l
RT: 13.74 min Scan# 3934
Delta R.T. 0.01 min
Lab File: VU034092.D
Acq: 30 Aug 2019 12:48

Tgt Ion:128 Resp: 9061

Ion	Ratio	Lower	Upper
128	100		
127	9.8	10.2	15.4#
129	5.8	8.4	12.6#