Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005494.D
Acq On : 18 Sep 2018 21:45
Operator : SY/AP
Sample : J4936-35RE
Misc : 2.32G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Quant Time: Sep 19 06:01:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	394	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	488	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	19	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	0.00	152	0	0.00	ug/l	-13.57
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	229	55.99	ug/l	0.00
Spiked Amount 50.000			Recovery = 111.98%			
35) Dibromofluoromethane	7.91	113	221	80.77	ug/l	0.02
Spiked Amount 50.000			Recovery = 161.54%			
50) Toluene-d8	10.33	98	260	20.75	ug/l	0.00
Spiked Amount 50.000			Recovery = 41.50%			
62) 4-Bromofluorobenzene	12.63	95	210	45.71	ug/l	0.01
Spiked Amount 50.000			Recovery = 91.42%			
Target Compounds						Qvalue
3) Chloromethane	2.23	50	46	9.891	ug/l #	42
6) Chloroethane	2.94	64	102	39.503	ug/l #	43
11) Tert butyl alcohol	5.41	59	19	62.527	ug/l #	1
12) 1,1-Dichloroethene	4.06	96	68	22.307	ug/l #	1
13) Acrolein	4.07	56	25	140.256	ug/l #	12
14) Allyl chloride	4.68	41	72	12.693	ug/l #	67
16) Acetone	4.13	43	20	17.230	ug/l #	46
18) Methyl Acetate	4.66	43	27	13.739	ug/l #	54
19) Methyl tert-butyl Ether	5.43	73	48	5.799	ug/l #	52
20) Methylene Chloride	4.92	84	60	10.221	ug/l #	53
21) trans-1,2-Dichloroethene	5.62	96	22	6.043	ug/l #	1
23) Vinyl Acetate	6.30	43	25	3.935	ug/l #	74
25) 2-Butanone	7.15	43	21	21.346	ug/l #	49
27) cis-1,2-Dichloroethene	7.21	96	20	5.051	ug/l #	1
28) Bromochloromethane	7.26	49	40	15.199	ug/l #	12
29) Tetrahydrofuran	7.55	42	49	78.182	ug/l #	35
37) Ethyl Acetate	7.27	43	54	28.752	ug/l #	68
40) Benzene	8.16	78	22	1.644	ug/l #	51
41) Methacrylonitrile	7.49	41	19	16.768	ug/l #	30
43) Isopropyl Acetate	8.37	43	26	7.093	ug/l #	52
46) Dibromomethane	9.57	93	23	14.628	ug/l #	3
48) Methyl methacrylate	9.44	41	79	43.188	ug/l #	42
51) 4-Methyl-2-Pentanone	10.26	43	109	57.768	ug/l #	38
55) 1,1,2-Trichloroethane	10.71	97	44	18.828	ug/l #	15
56) Ethyl methacrylate	10.69	69	27	9.128	ug/l #	80
59) 2-Hexanone	10.99	43	81	63.022	ug/l #	27
67) Ethyl Benzene	11.82	91	22	31.023	ug/l #	44

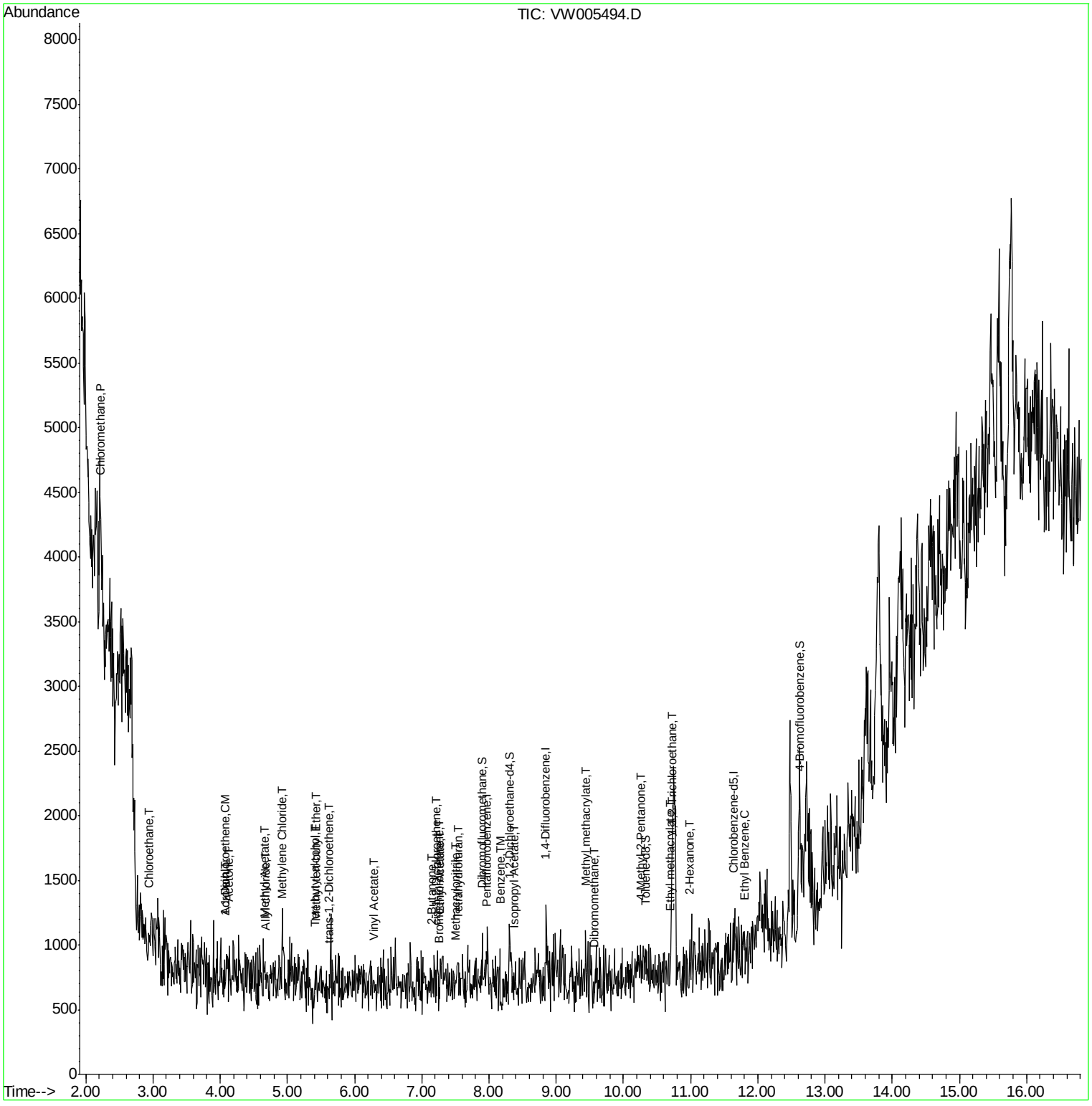
(#) = qualifier out of range (m) = manual integration (+) = signals summed

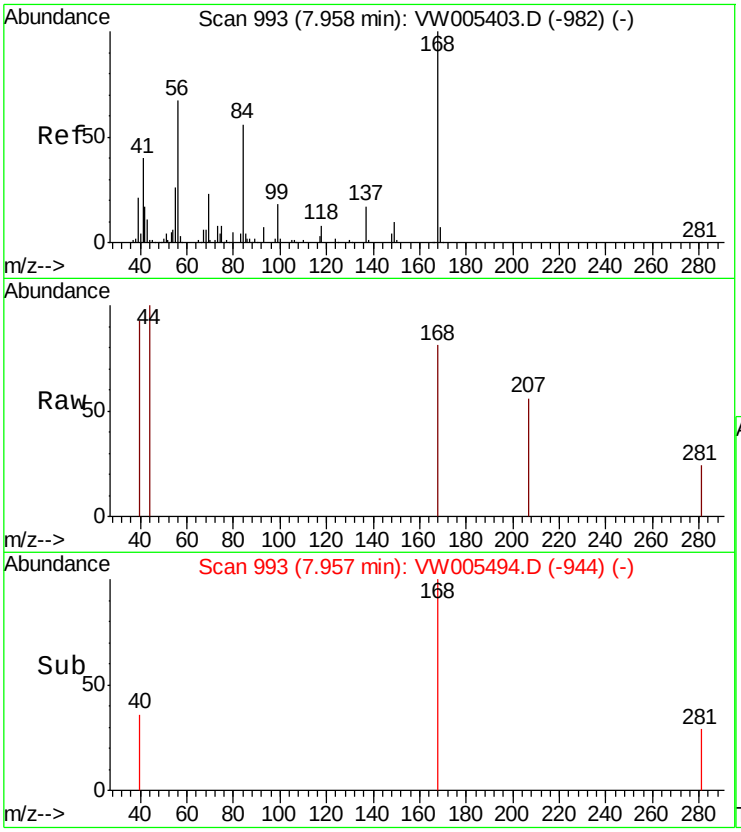
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091818\
Data File : VW005494.D
Acq On : 18 Sep 2018 21:45
Operator : SY/AP
Sample : J4936-35RE
Misc : 2.32G/5ML/MSVOA_W/SOIL
ALS Vial : 22 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Quant Time: Sep 19 06:01:42 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091618S.M
Quant Title : SW846 8260
QLast Update : Sat Sep 15 02:32:34 2018
Response via : Initial Calibration



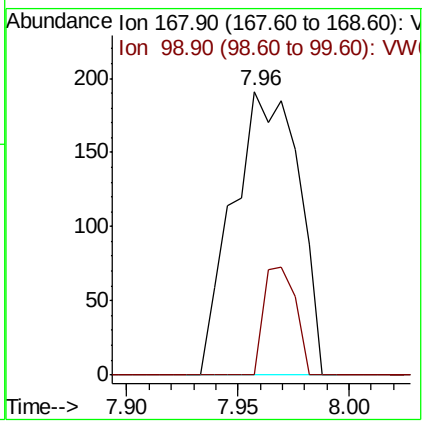


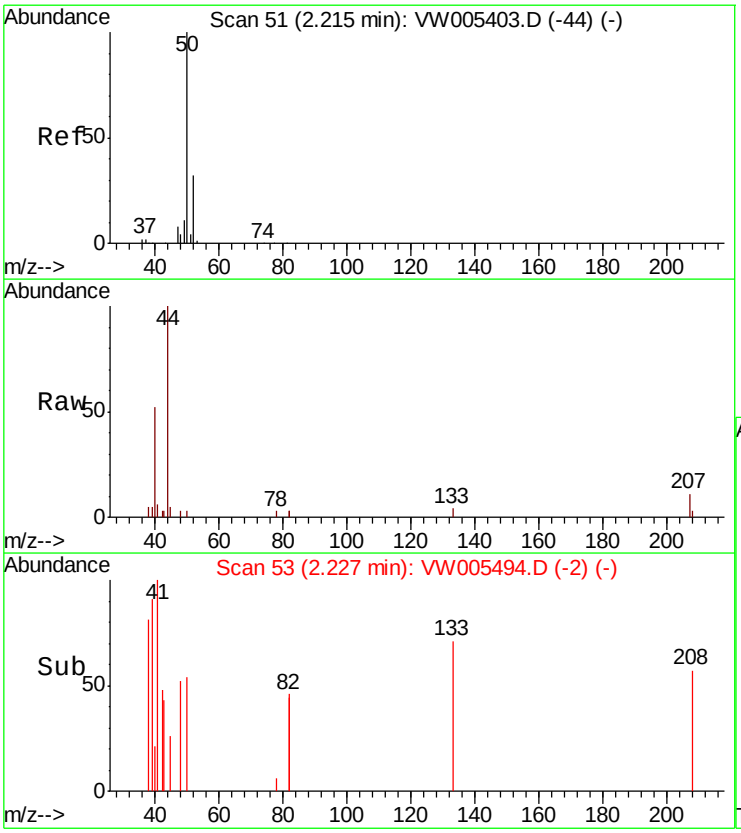
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion:168 Resp: 394

Ion	Ratio	Lower	Upper
168	100		
99	0.0	45.0	67.6#

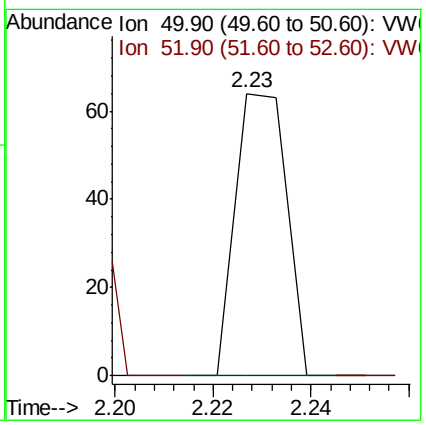


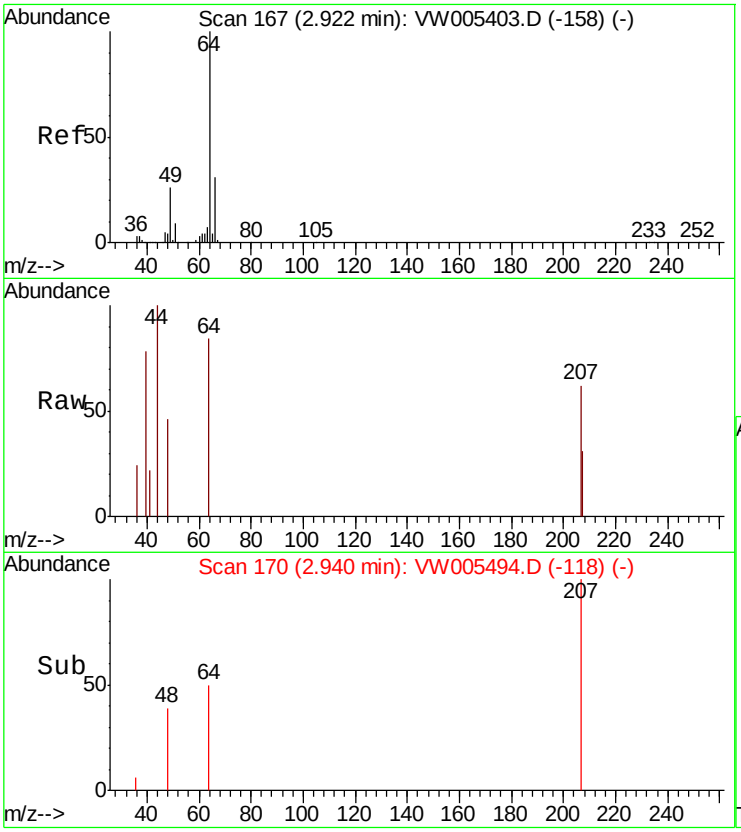


#3
Chloromethane
Concen: 9.891 ug/l
RT: 2.23 min Scan# 53
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 50 Resp: 46

Ion	Ratio	Lower	Upper
50	100		
52	0.0	25.8	38.6#



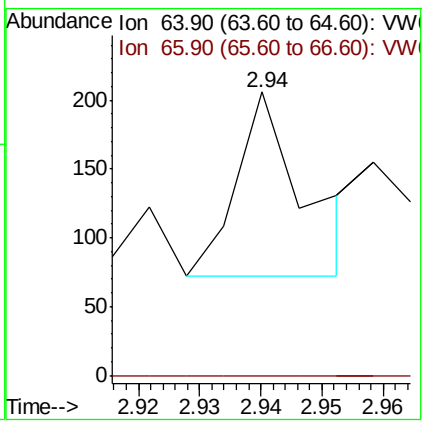


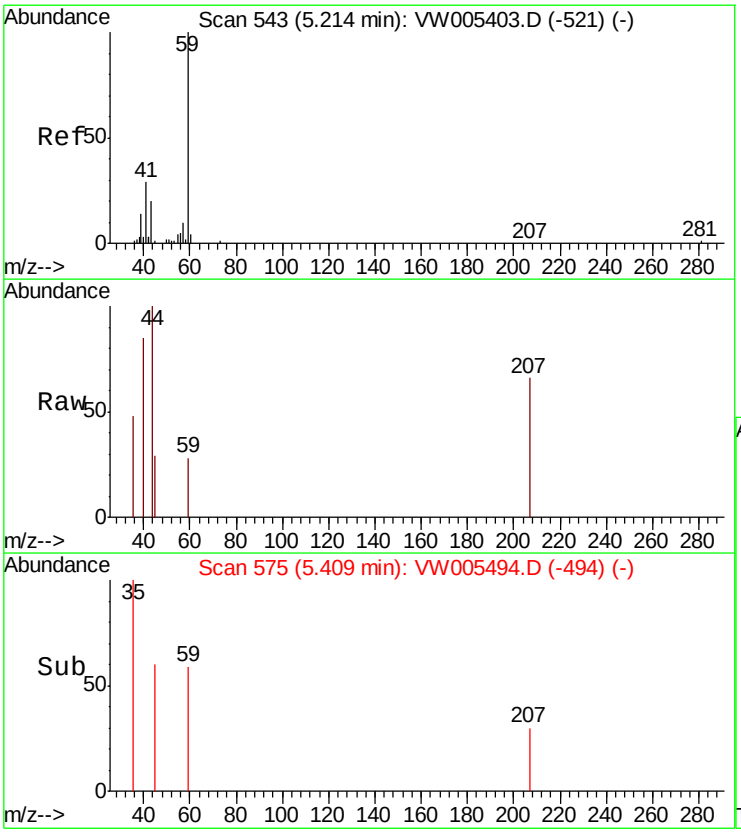
#6
Chloroethane
Concen: 39.503 ug/l
RT: 2.94 min Scan# 170
Delta R.T. 0.02 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 64 Resp: 102

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.2	37.8#

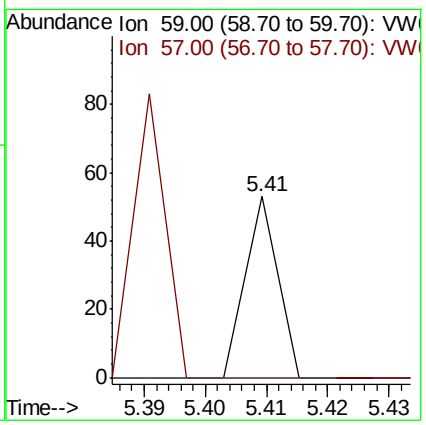


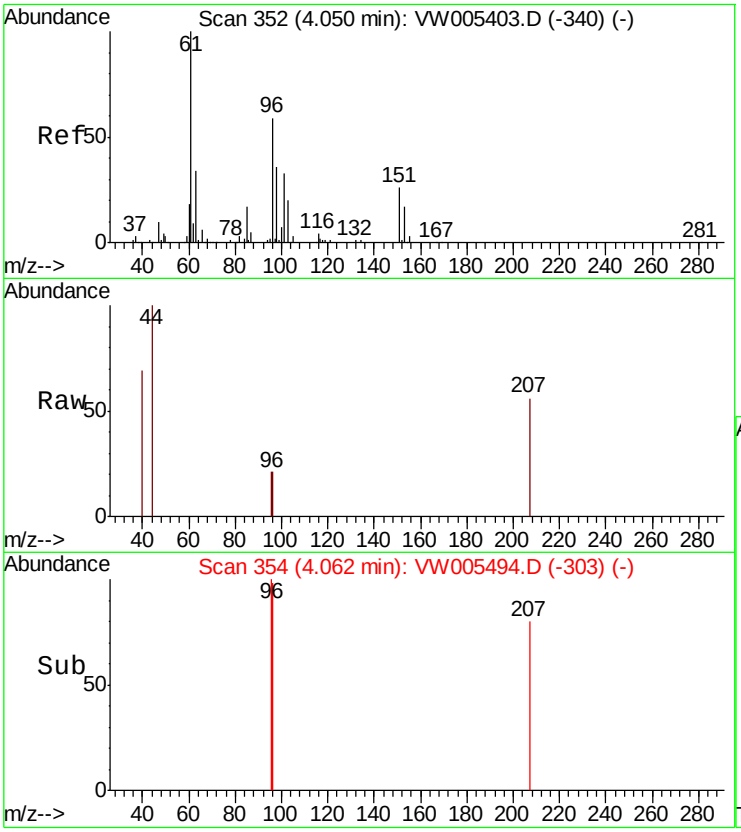


#11
Tert butyl alcohol
Concen: 62.527 ug/l
RT: 5.41 min Scan# 575
Delta R.T. 0.20 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 59 Resp: 19

Ion	Ratio	Lower	Upper
59	100		
57	157.9	8.6	13.0#



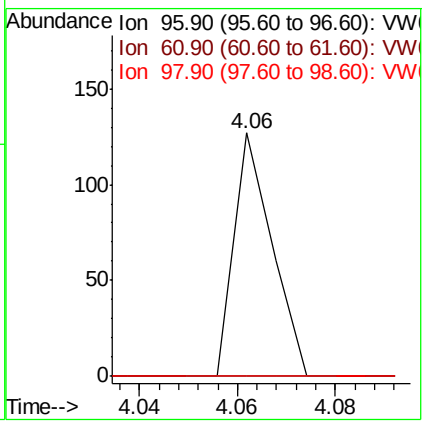


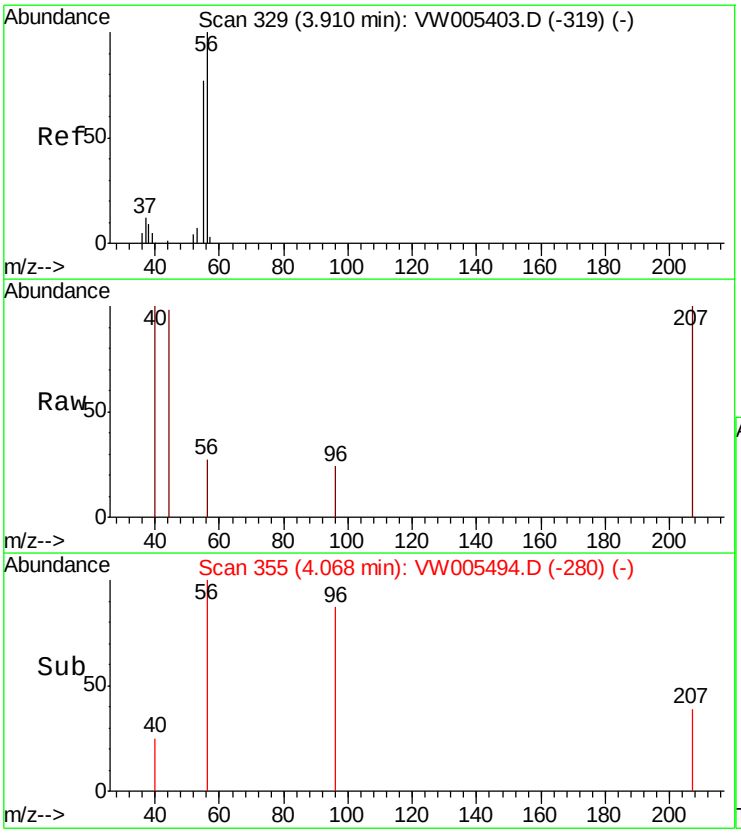
#12
1,1-Dichloroethene
Concen: 22.307 ug/l
RT: 4.06 min Scan# 354
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 96 Resp: 68

Ion	Ratio	Lower	Upper
96	100		
61	0.0	135.7	203.5#
98	0.0	48.6	73.0#

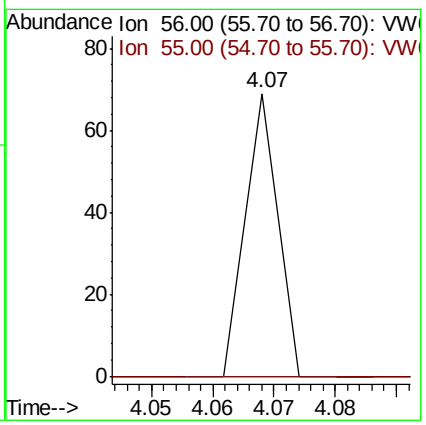


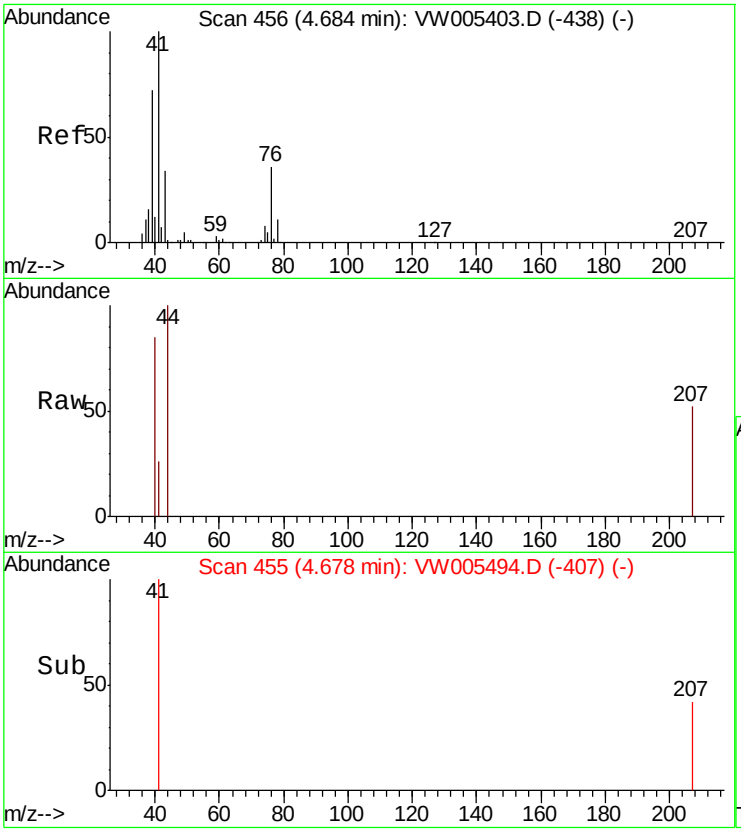


#13
Acrolein
Concen: 140.256 ug/l
RT: 4.07 min Scan# 355
Delta R.T. 0.16 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 56 Resp: 25

Ion	Ratio	Lower	Upper
56	100		
55	0.0	59.8	89.8#



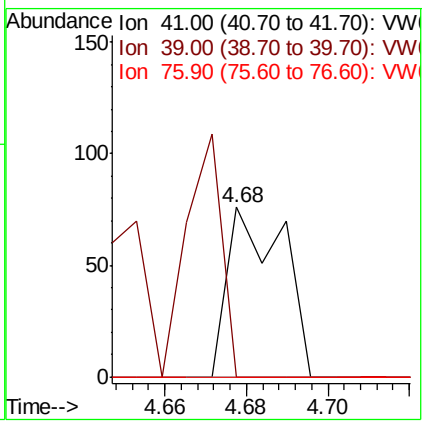


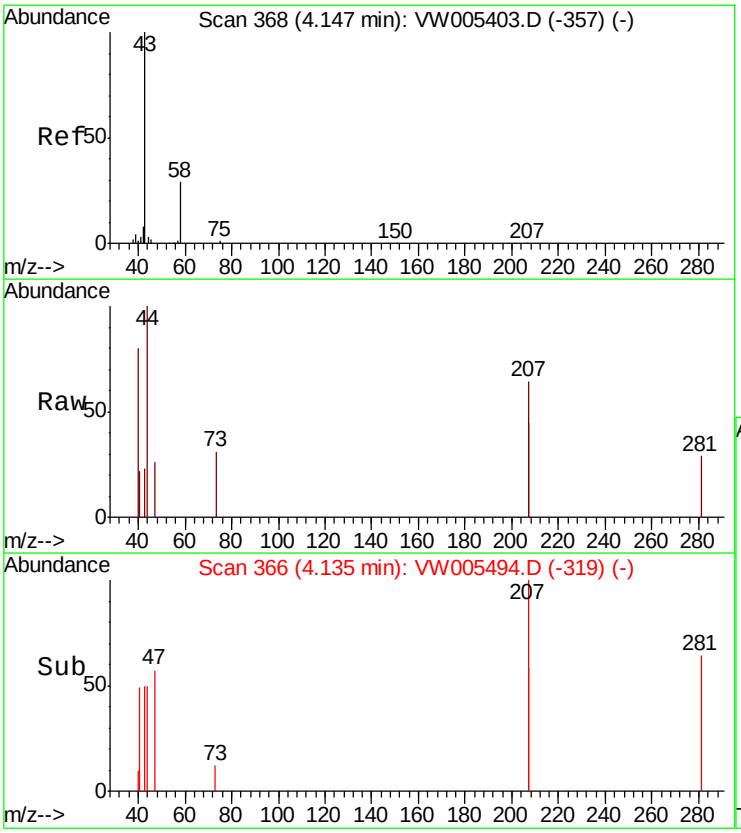
#14
Allyl chloride
Concen: 12.693 ug/l
RT: 4.68 min Scan# 455
Delta R.T. -0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 41 Resp: 72

Ion	Ratio	Lower	Upper
41	100		
39	90.3	58.6	88.0#
76	0.0	27.4	41.0#

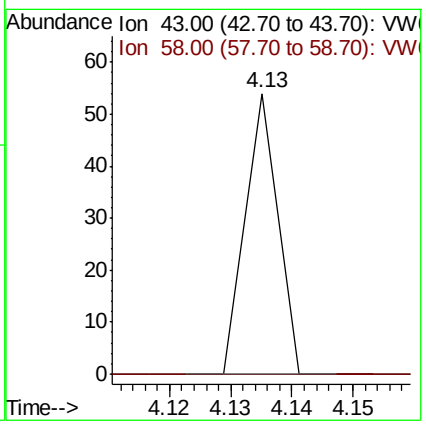


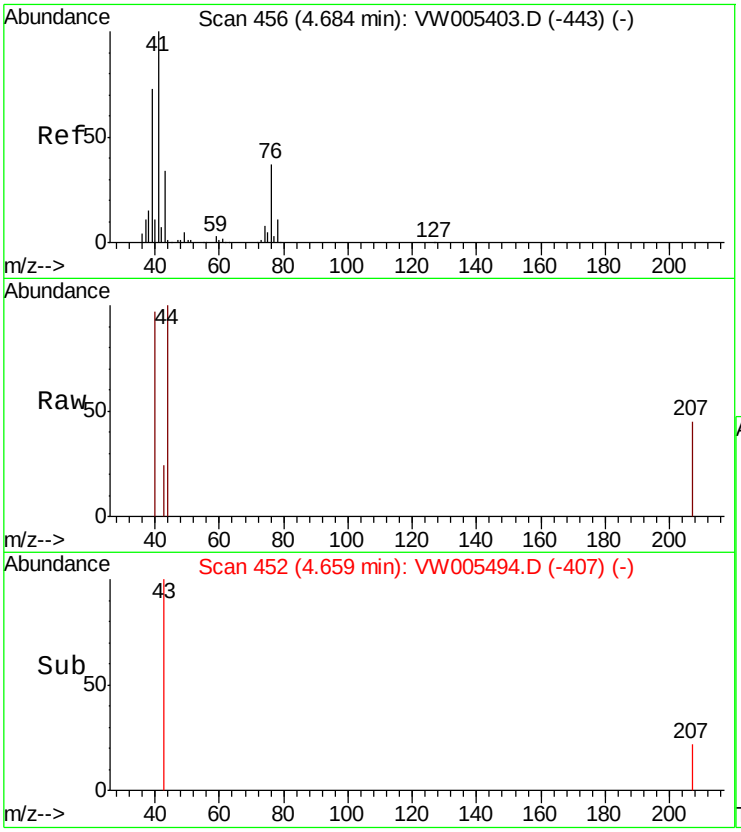


#16
Acetone
Concen: 17.230 ug/l
RT: 4.13 min Scan# 366
Delta R.T. -0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 43 Resp: 20

Ion	Ratio	Lower	Upper
43	100		
58	0.0	22.8	34.2#



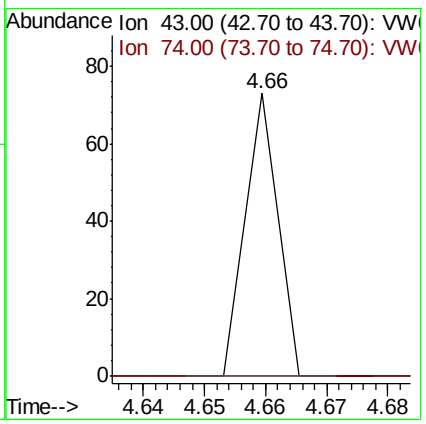


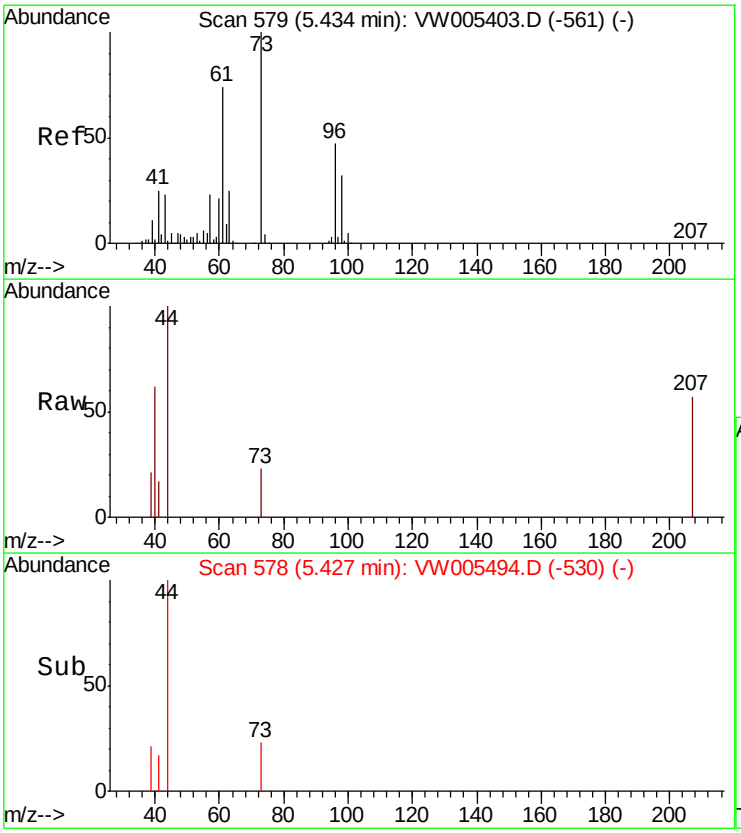
#18
Methyl Acetate
Concen: 13.739 ug/l
RT: 4.66 min Scan# 452
Delta R.T. -0.02 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 43 Resp: 27

Ion	Ratio	Lower	Upper
43	100		
74	0.0	17.7	26.5#

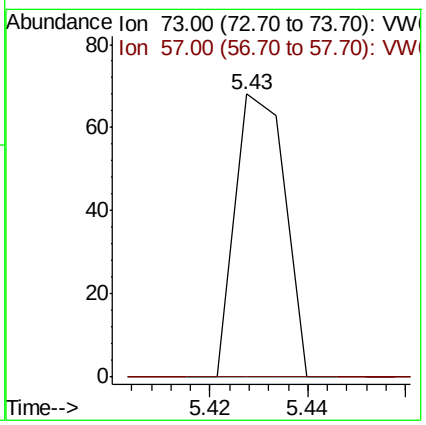


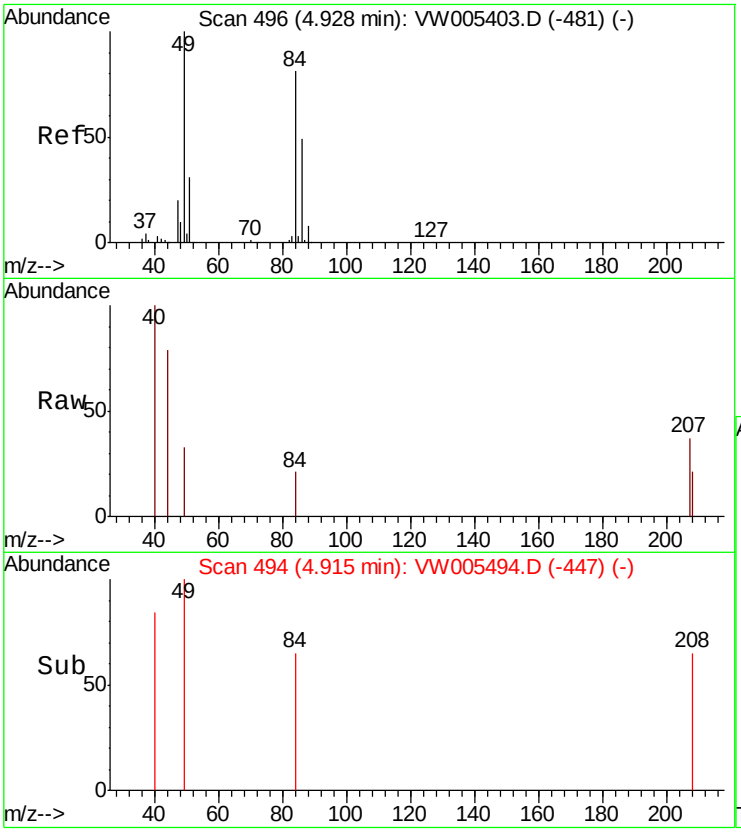


#19
Methyl tert-butyl Ether
Concen: 5.799 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 73 Resp: 48

Ion	Ratio	Lower	Upper
73	100		
57	0.0	18.6	28.0#



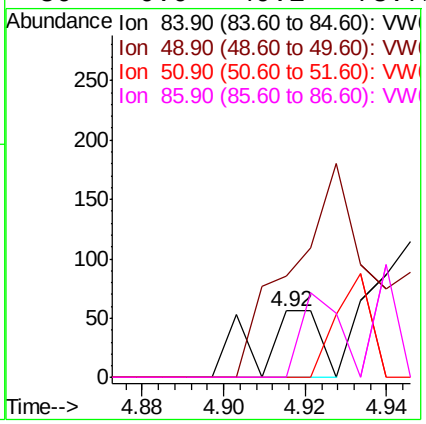


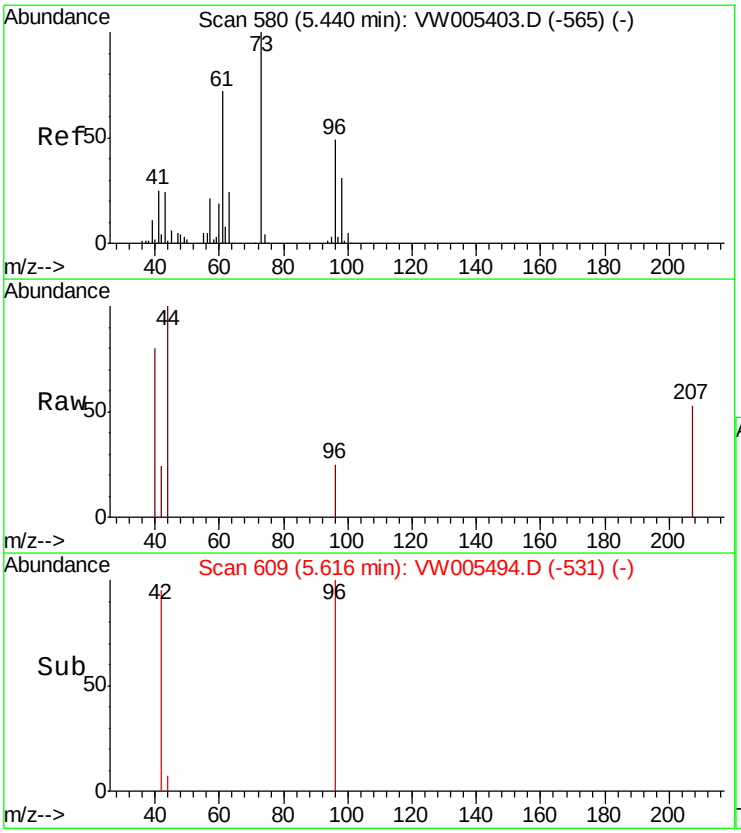
#20
Methylene Chloride
Concen: 10.221 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 84 Resp: 60

Ion	Ratio	Lower	Upper
84	100		
49	153.6	99.3	148.9#
51	0.0	31.1	46.7#
86	0.0	49.1	73.7#

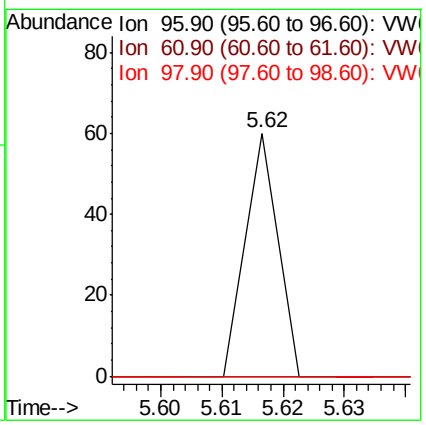


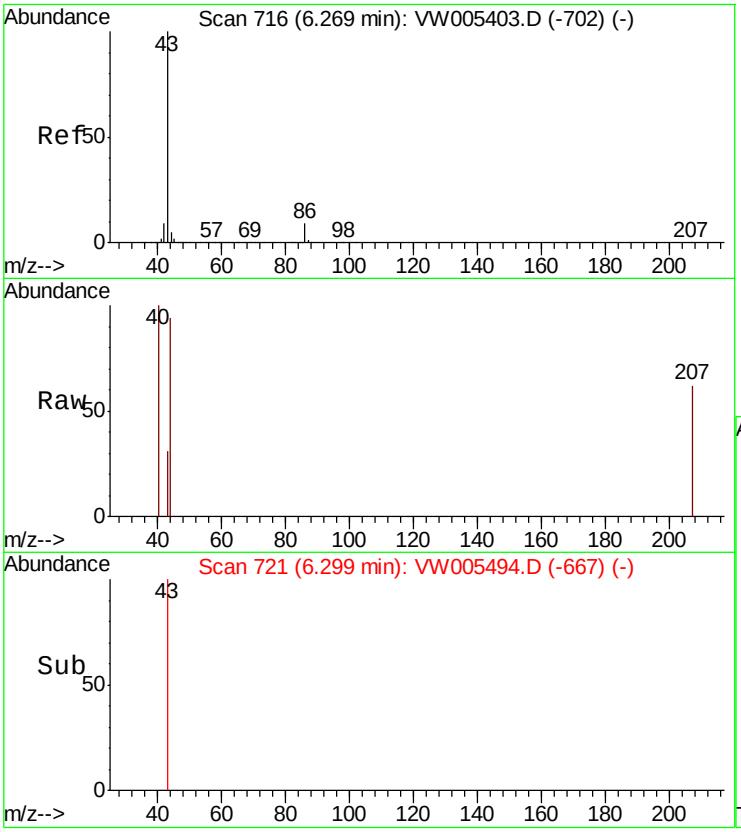


#21
trans-1,2-Dichloroethene
Concen: 6.043 ug/l
RT: 5.62 min Scan# 609
Delta R.T. 0.18 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 96 Resp: 22

Ion	Ratio	Lower	Upper
96	100		
61	0.0	116.7	175.1#
98	0.0	51.0	76.6#



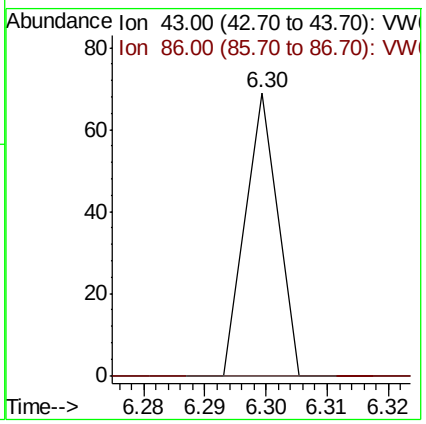


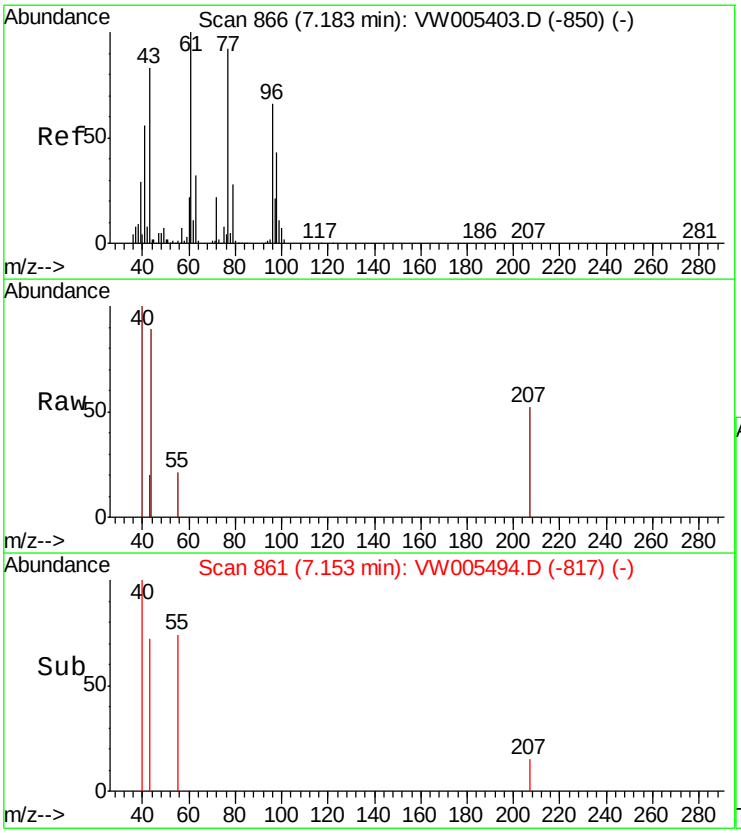
#23
Vinyl Acetate
Concen: 3.935 ug/l
RT: 6.30 min Scan# 721
Delta R.T. 0.03 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 43 Resp: 25

Ion	Ratio	Lower	Upper
43	100		
86	0.0	7.5	11.3#

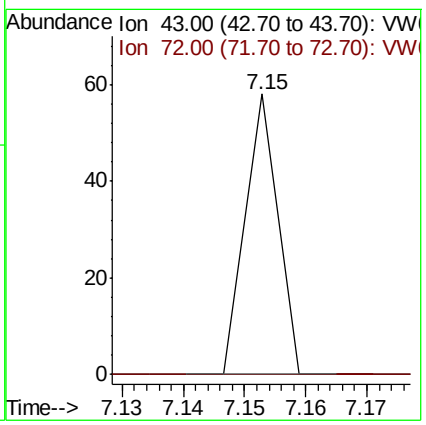


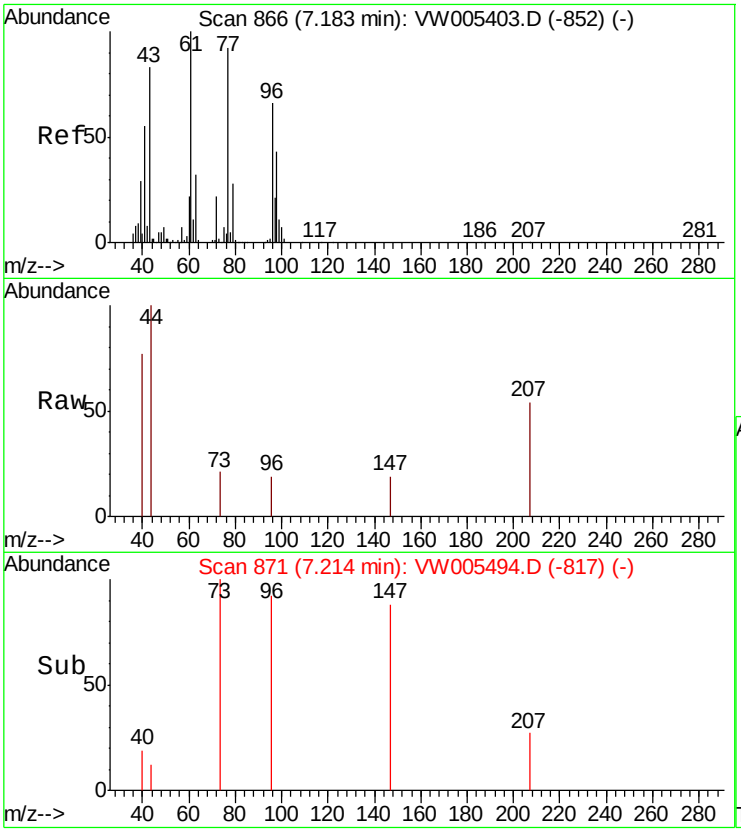


#25
2-Butanone
Concen: 21.346 ug/l
RT: 7.15 min Scan# 861
Delta R.T. -0.03 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 43 Resp: 21

Ion	Ratio	Lower	Upper
43	100		
72	0.0	21.1	31.7#



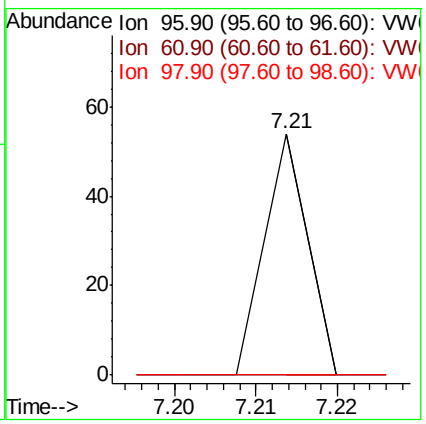


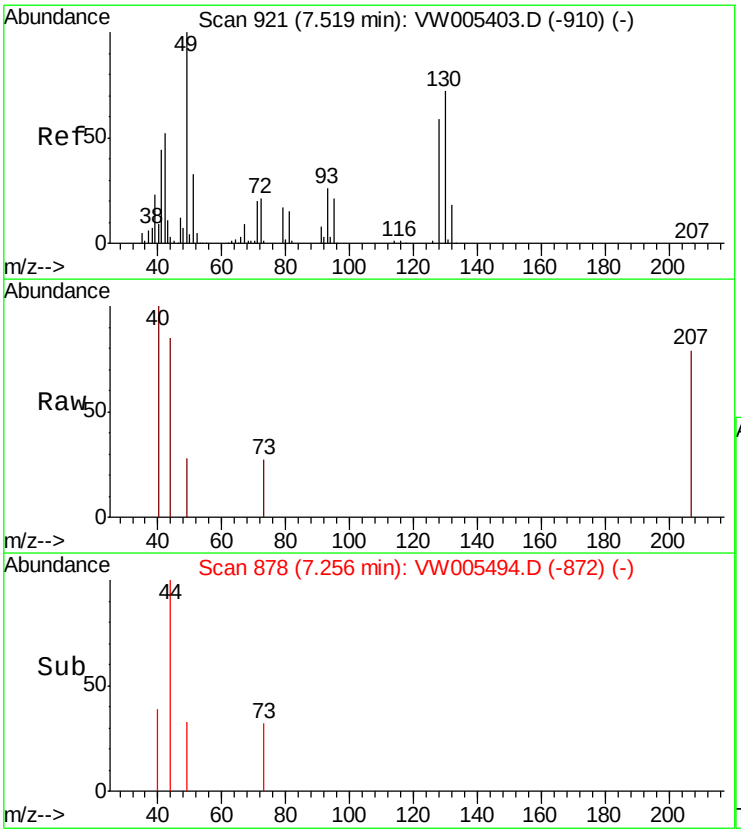
#27
cis-1,2-Dichloroethene
Concen: 5.051 ug/l
RT: 7.21 min Scan# 871
Delta R.T. 0.03 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 96 Resp: 20

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	316.0
98	0.0	0.0	130.8

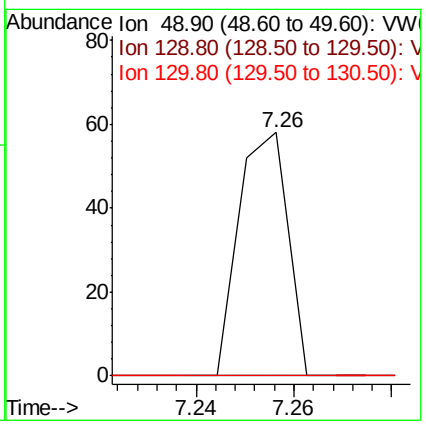


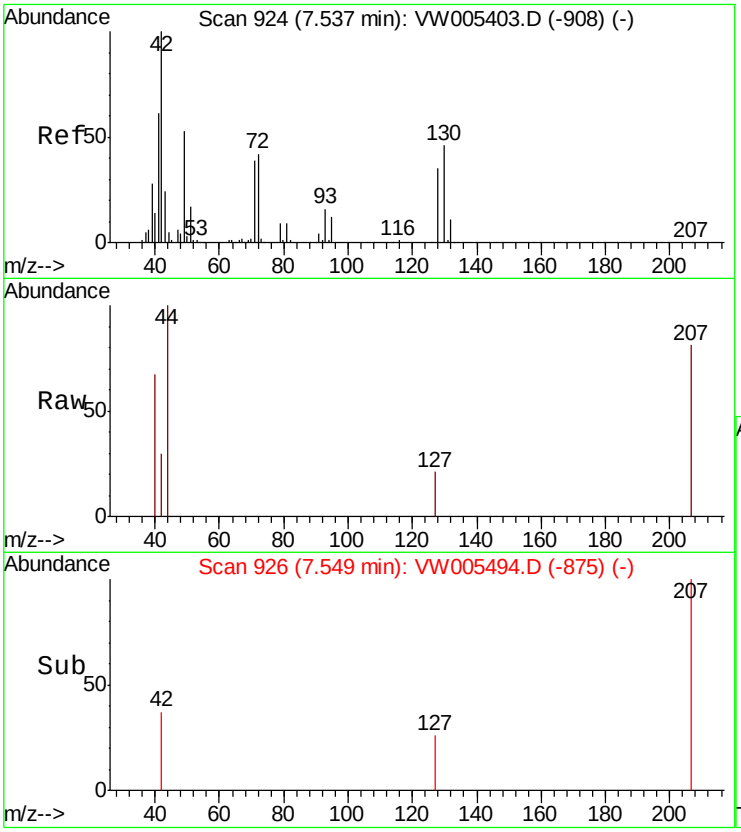


#28
Bromochloromethane
Concen: 15.199 ug/l
RT: 7.26 min Scan# 878
Delta R.T. -0.26 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 49 Resp: 40

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	1.0
130	0.0	61.4	92.2#



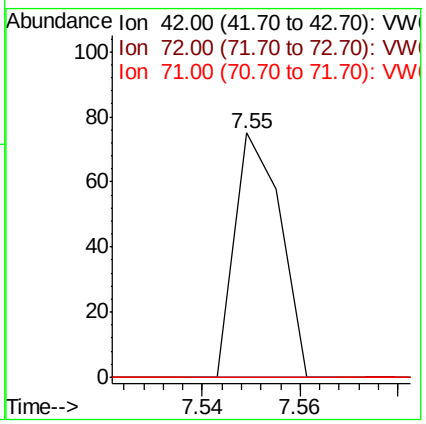


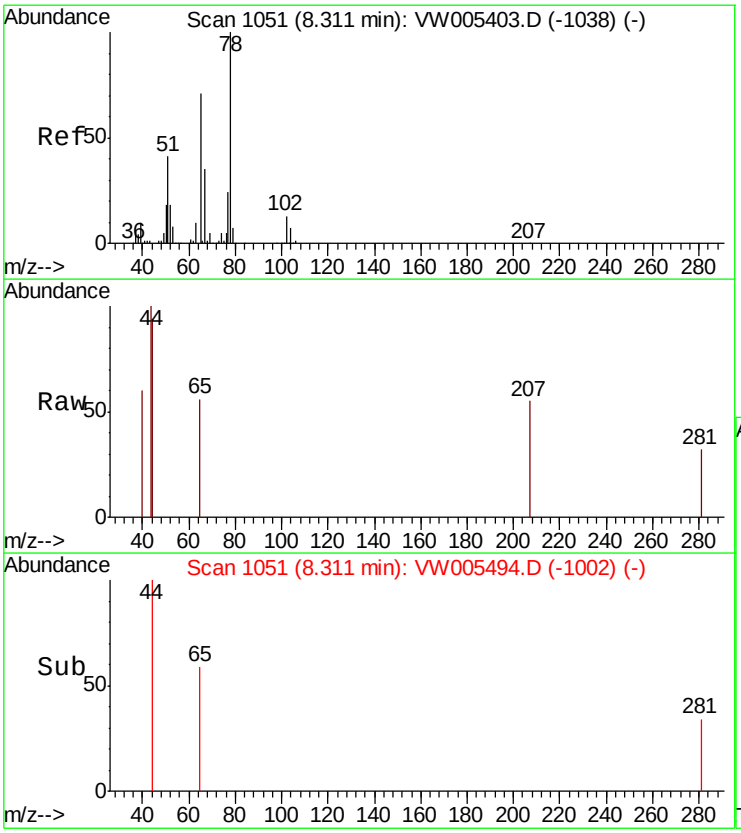
#29
Tetrahydrofuran
Concen: 78.182 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 42 Resp: 49

Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.2	49.8#
71	0.0	31.0	46.6#

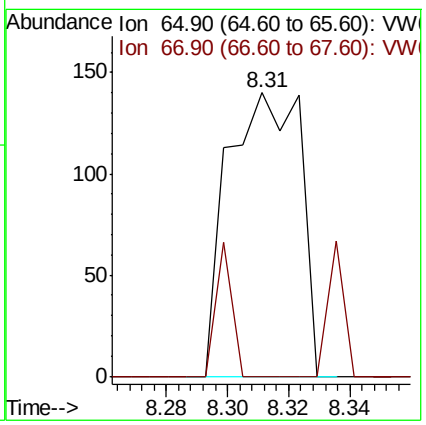


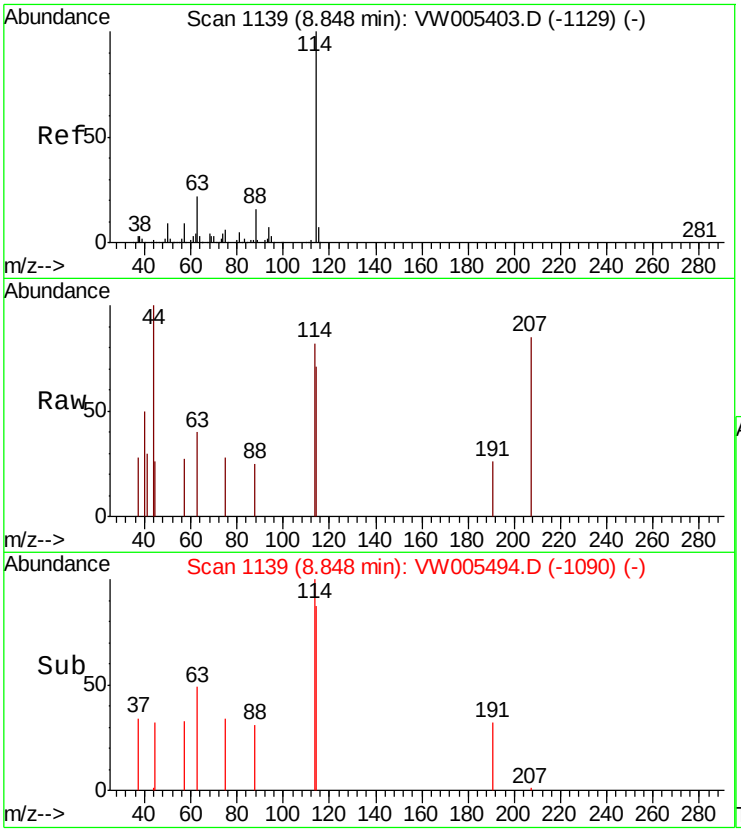


#33
1,2-Dichloroethane-d4
Concen: 55.994 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 65 Resp: 229

Ion	Ratio	Lower	Upper
65	100		
67	10.5	0.0	100.6



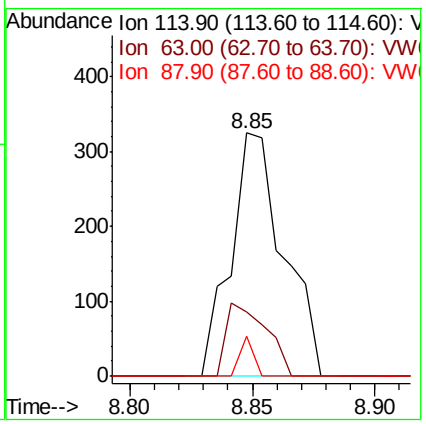


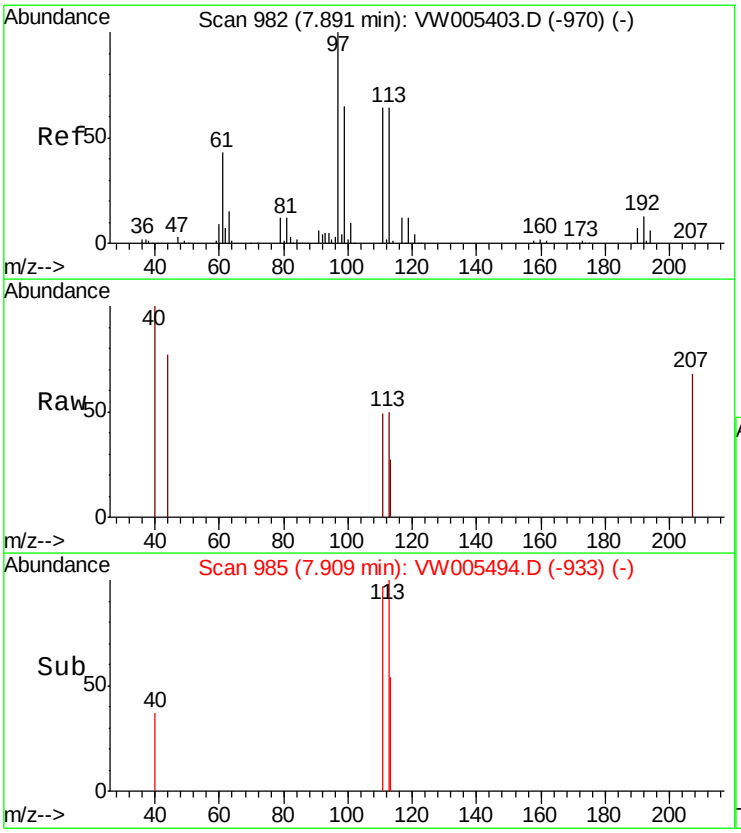
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion:114 Resp: 488

Ion	Ratio	Lower	Upper
114	100		
63	26.5	0.0	43.4
88	16.6	0.0	31.8

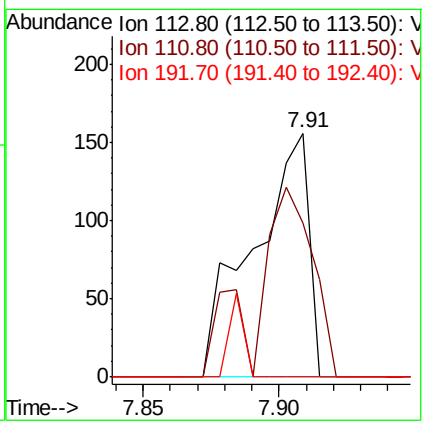


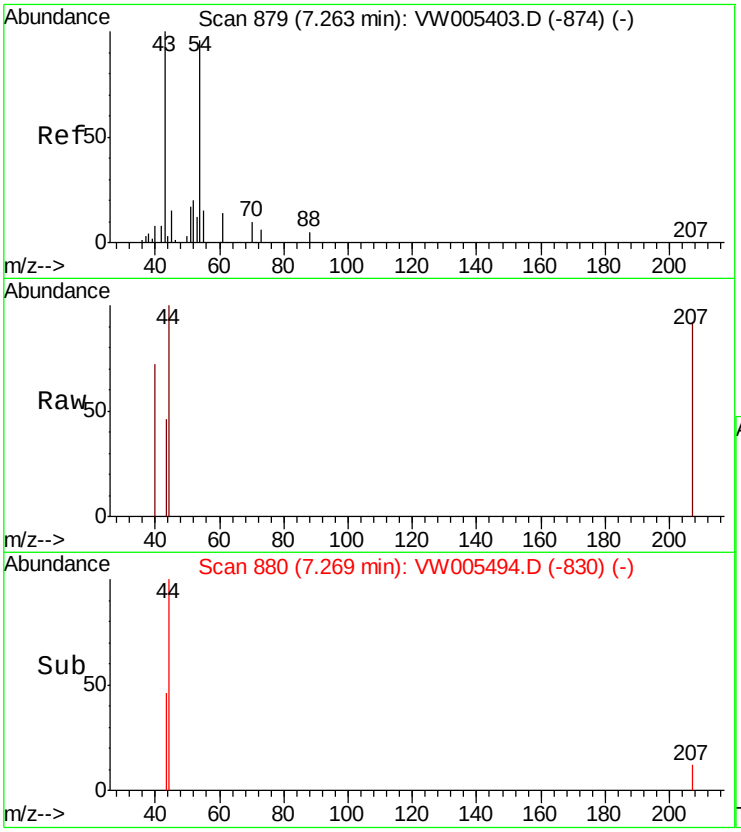


#35
Dibromofluoromethane
Concen: 80.771 ug/l
RT: 7.91 min Scan# 985
Delta R.T. 0.02 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion:113 Resp: 221

Ion	Ratio	Lower	Upper
113	100		
111	79.6	82.3	123.5#
192	0.0	16.5	24.7#



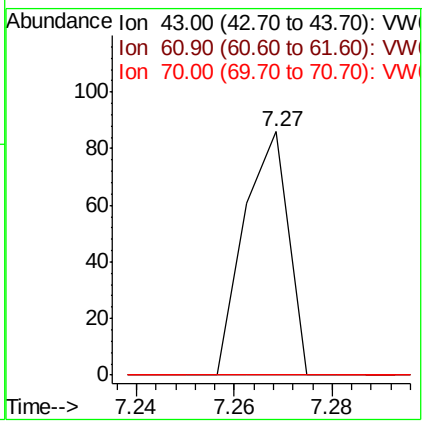


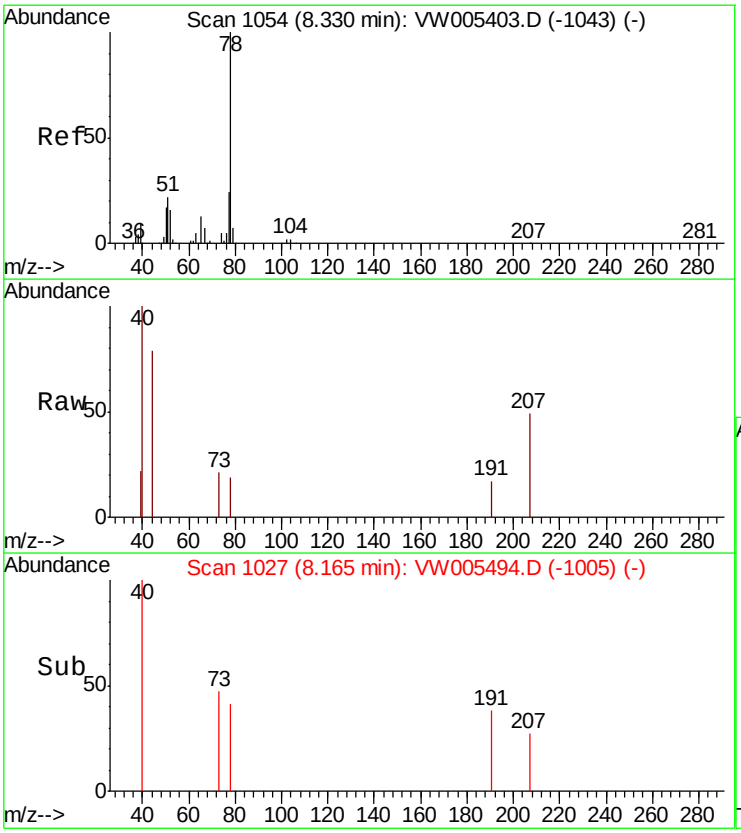
#37
Ethyl Acetate
Concen: 28.752 ug/l
RT: 7.27 min Scan# 880
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 43 Resp: 54

Ion	Ratio	Lower	Upper
43	100		
61	0.0	11.3	16.9#
70	0.0	8.2	12.4#

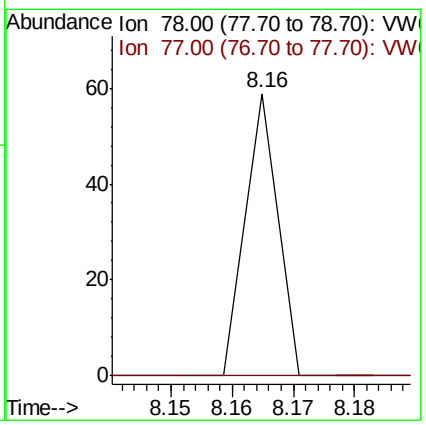


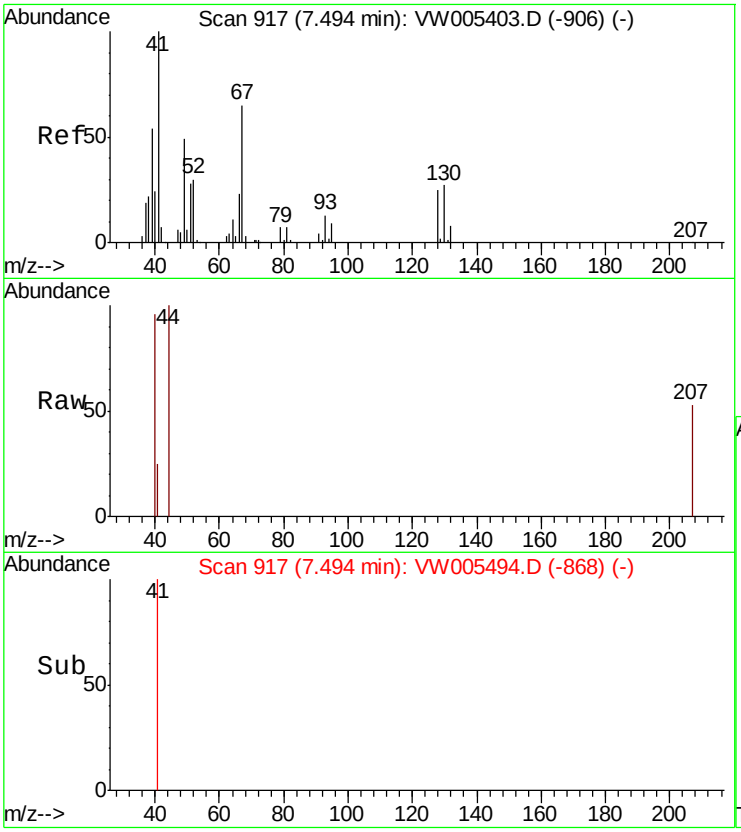


#40
Benzene
Concen: 1.644 ug/l
RT: 8.16 min Scan# 1027
Delta R.T. -0.16 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 78 Resp: 22

Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.3	28.9#



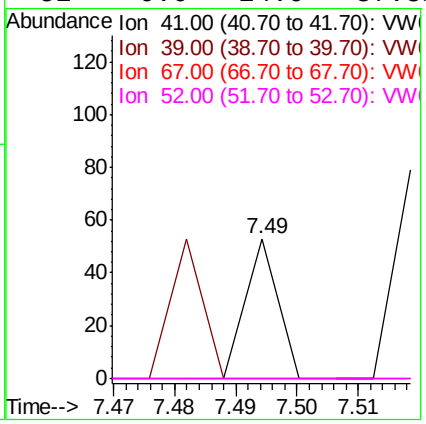


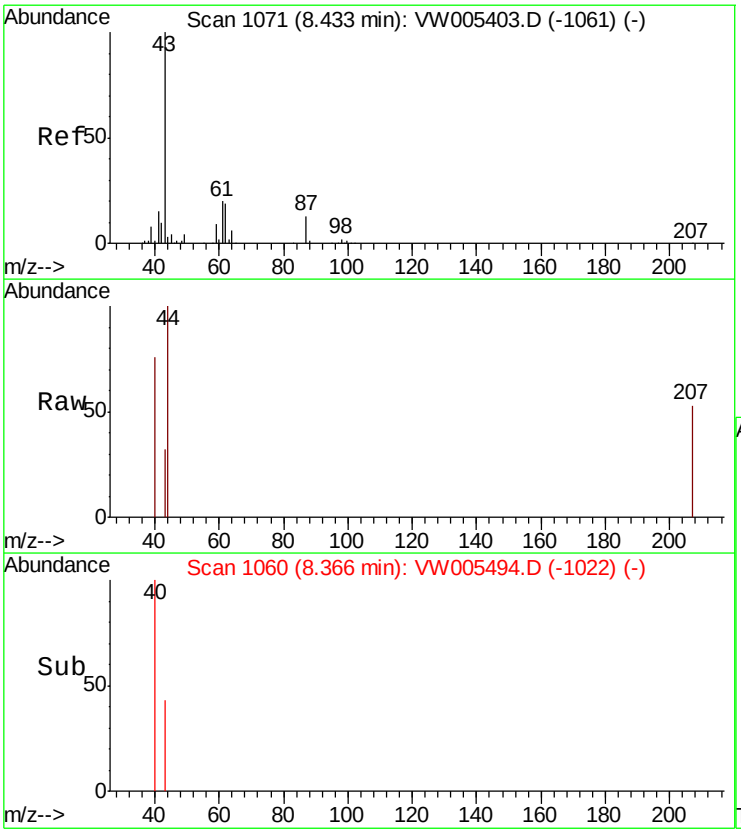
#41
Methacrylonitrile
Concen: 16.768 ug/l
RT: 7.49 min Scan# 917
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 41 Resp: 19

Ion	Ratio	Lower	Upper
41	100		
39	100.0	44.6	67.0#
67	0.0	53.6	80.4#
52	0.0	24.9	37.3#

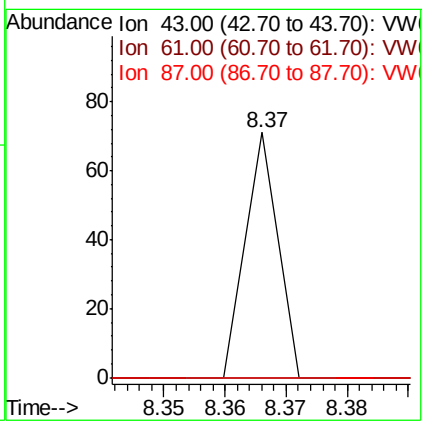


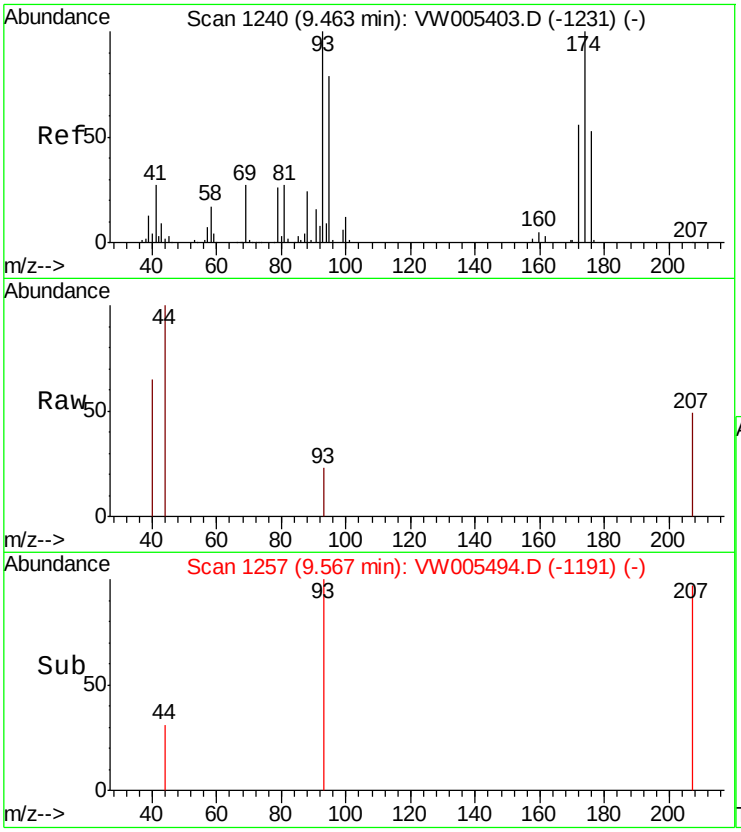


#43
Isopropyl Acetate
Concen: 7.093 ug/l
RT: 8.37 min Scan# 1060
Delta R.T. -0.07 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 43 Resp: 26

Ion	Ratio	Lower	Upper
43	100		
61	0.0	23.8	35.6#
87	0.0	10.1	15.1#



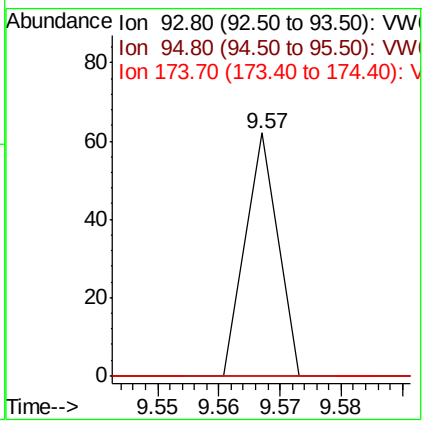


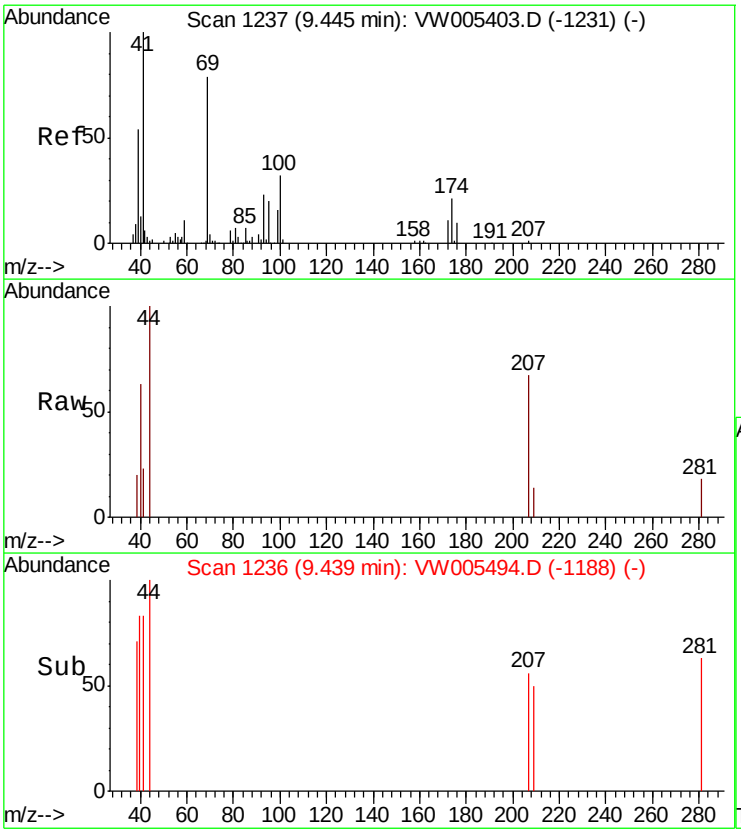
#46
Dibromomethane
Concen: 14.628 ug/l
RT: 9.57 min Scan# 1257
Delta R.T. 0.10 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 93 Resp: 23

Ion	Ratio	Lower	Upper
93	100		
95	0.0	65.4	98.0#
174	0.0	83.4	125.2#

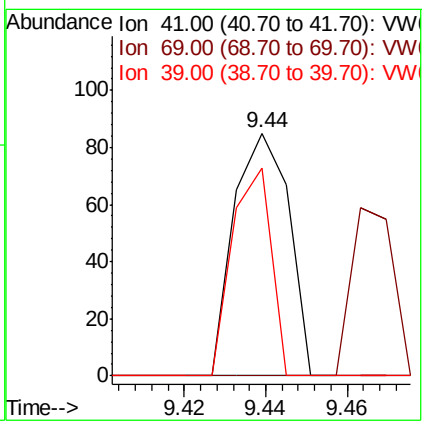


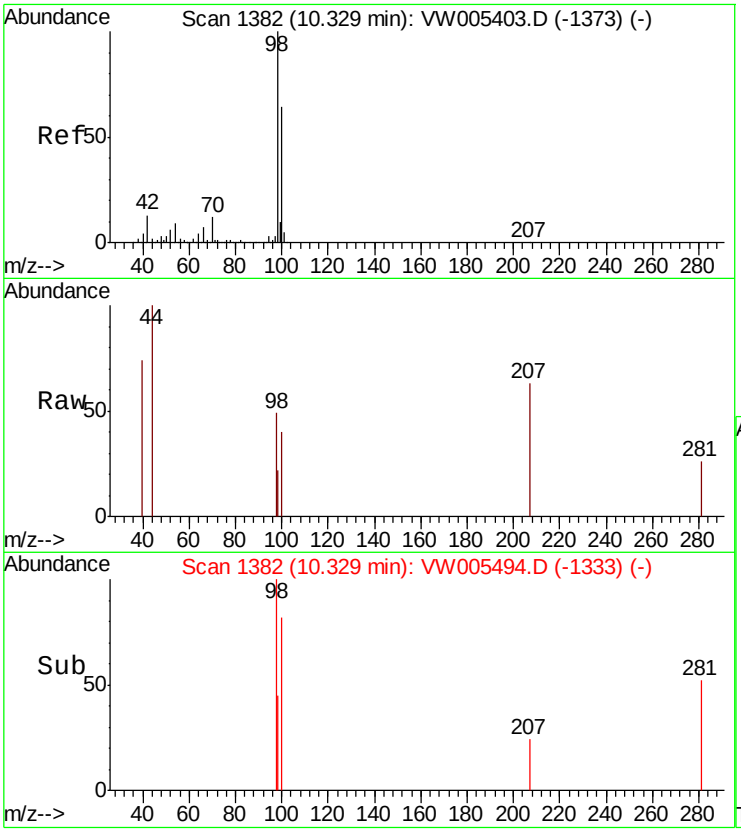


#48
Methyl methacrylate
Concen: 43.188 ug/l
RT: 9.44 min Scan# 1236
Delta R.T. -0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 41 Resp: 79

Ion	Ratio	Lower	Upper
41	100		
69	0.0	67.5	101.3#
39	60.8	45.5	68.3



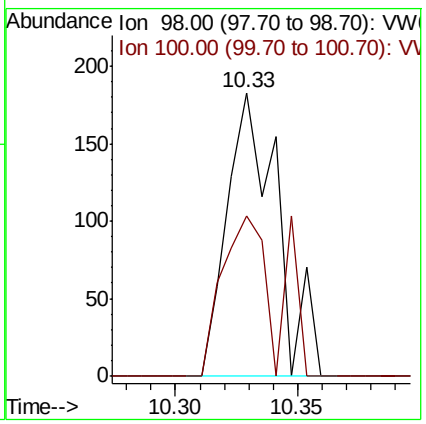


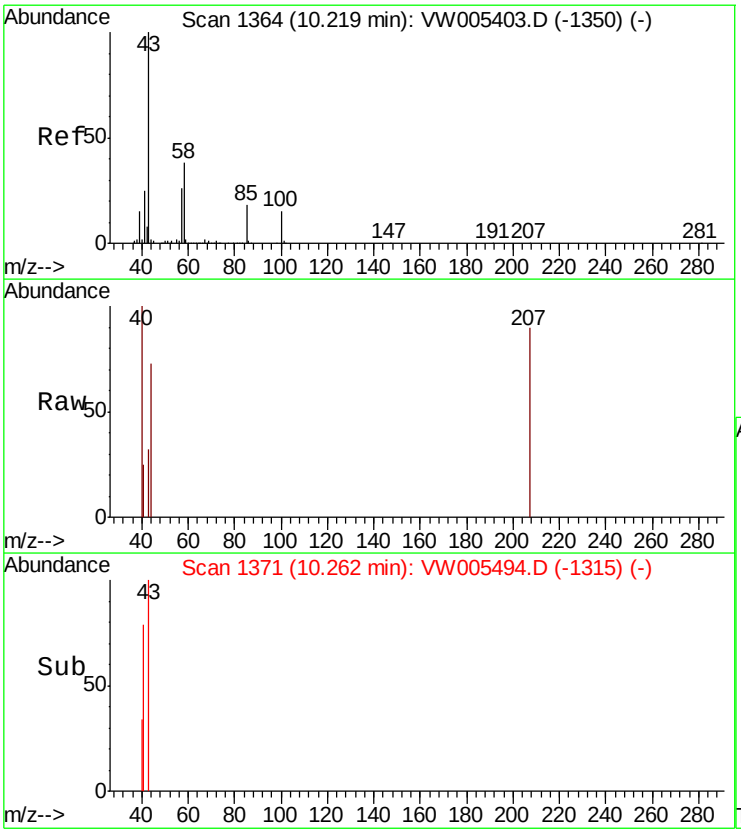
#50
Toluene-d8
Concen: 20.750 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE

Tgt Ion: 98 Resp: 260

Ion	Ratio	Lower	Upper
98	100		
100	46.9	51.4	77.0#

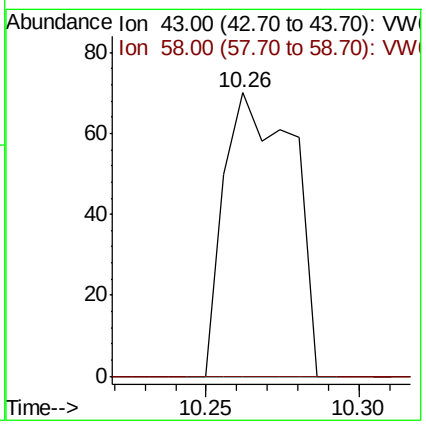


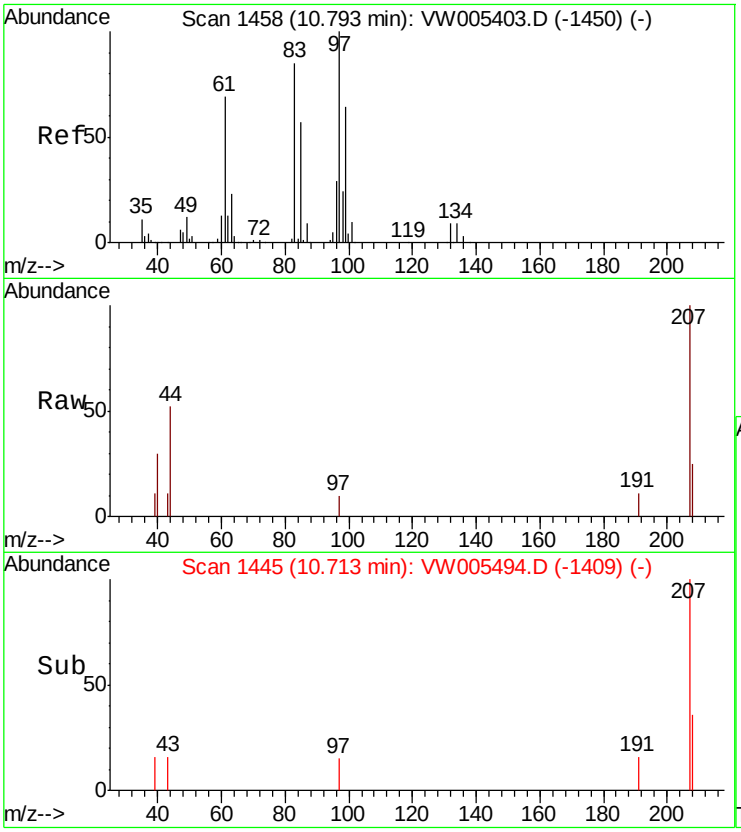


#51
4-Methyl-2-Pentanone
Concen: 57.768 ug/l
RT: 10.26 min Scan# 1371
Delta R.T. 0.04 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 43 Resp: 109

Ion	Ratio	Lower	Upper
43	100		
58	0.0	29.9	44.9#



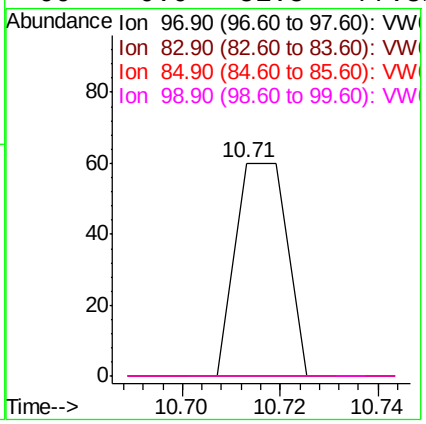


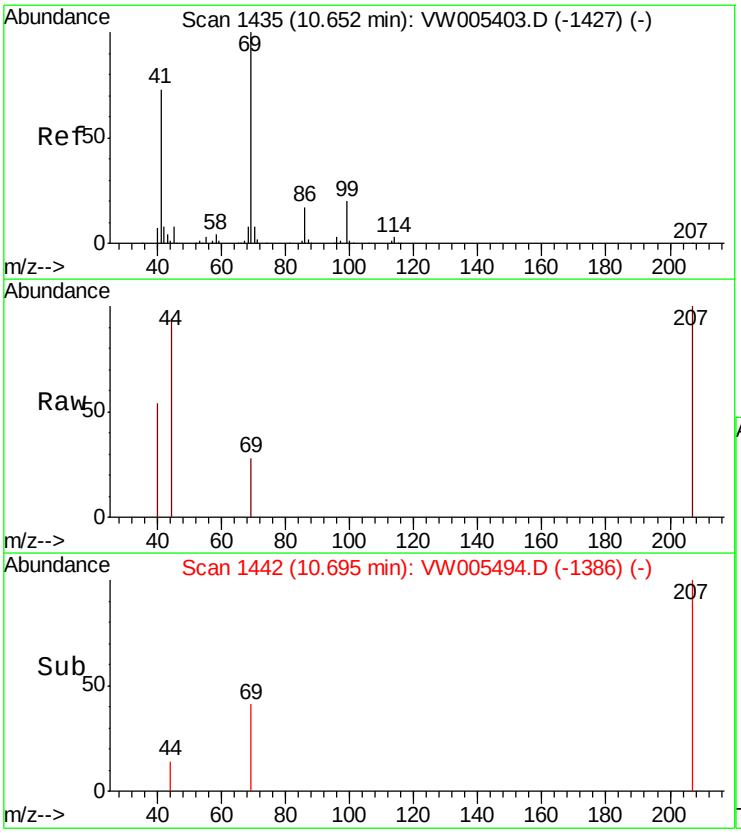
#55
1,1,2-Trichloroethane
Concen: 18.828 ug/l
RT: 10.71 min Scan# 1445
Delta R.T. -0.08 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 97 Resp: 44

Ion	Ratio	Lower	Upper
97	100		
83	0.0	67.8	101.8#
85	0.0	45.4	68.0#
99	0.0	51.5	77.3#

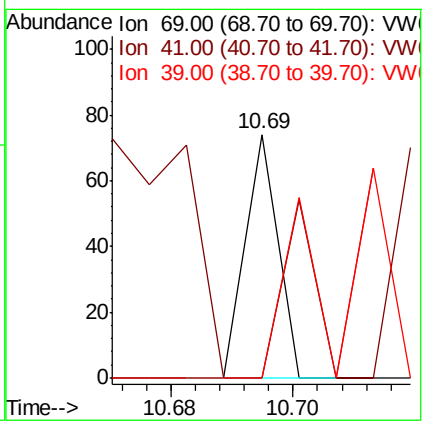


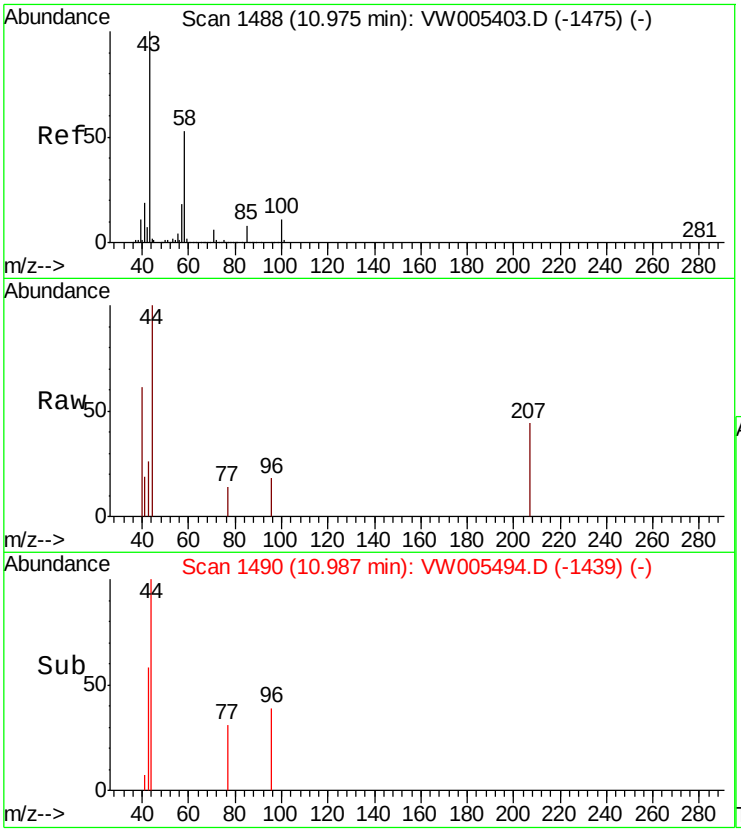


#56
Ethyl methacrylate
Concen: 9.128 ug/l
RT: 10.69 min Scan# 1442
Delta R.T. 0.04 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 69 Resp: 27

Ion	Ratio	Lower	Upper
69	100		
41	74.1	59.3	88.9
39	74.1	30.2	45.4#



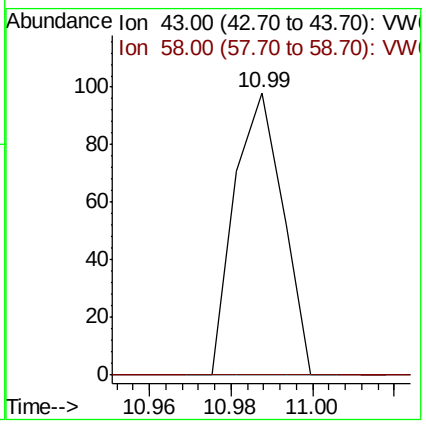


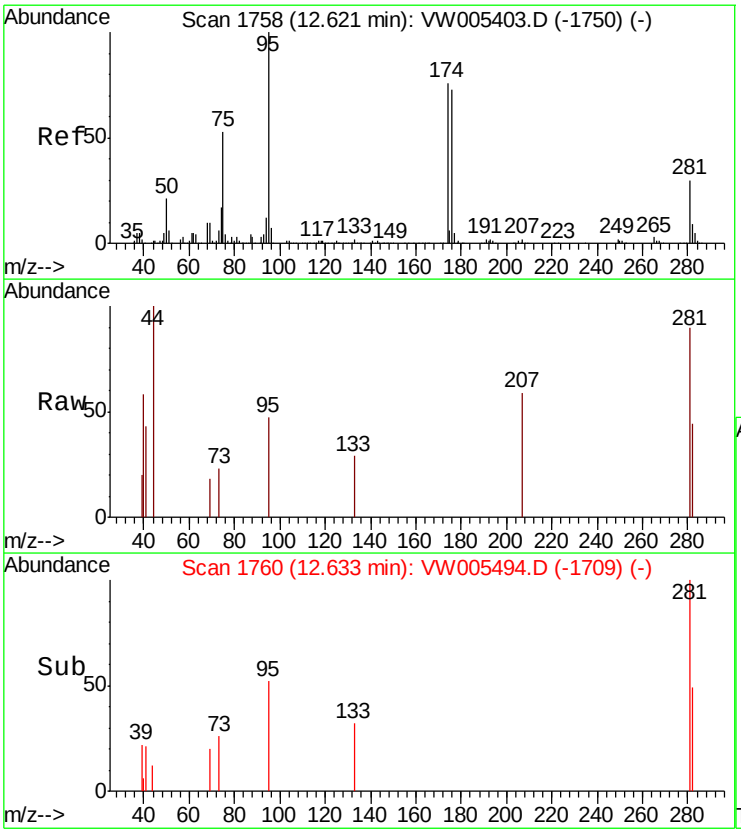
#59
2-Hexanone
Concen: 63.022 ug/l
RT: 10.99 min Scan# 1490
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion: 43 Resp: 81

Ion	Ratio	Lower	Upper
43	100		
58	0.0	25.5	76.5#

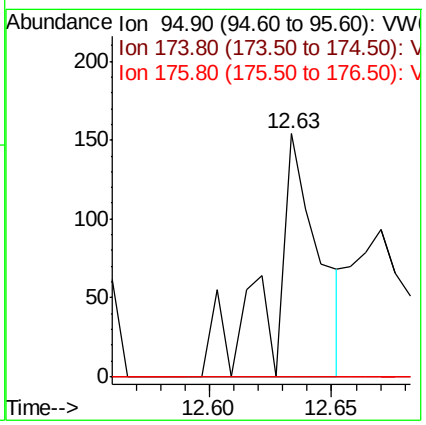


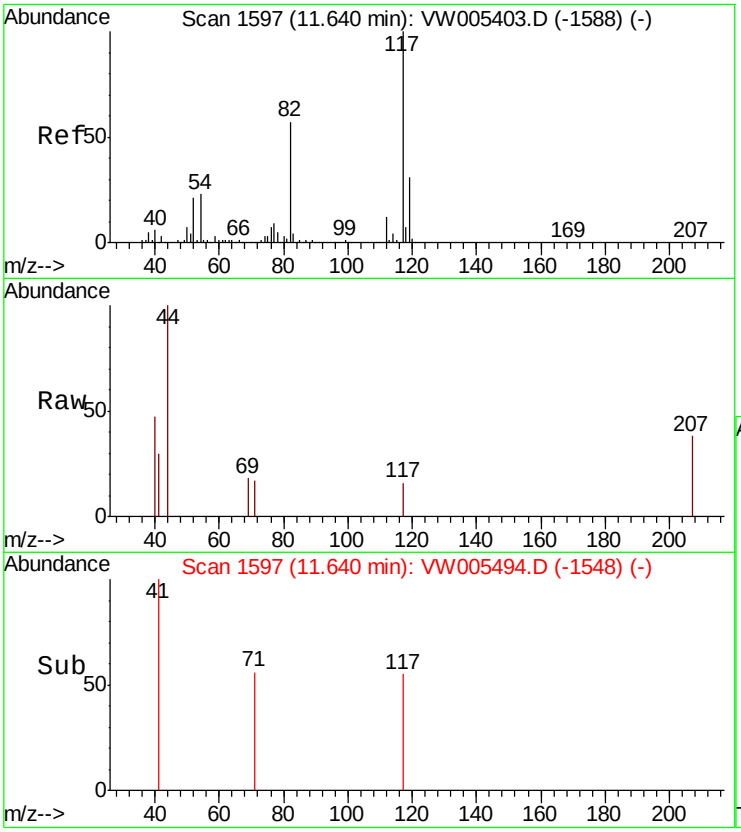


#62
4-Bromofluorobenzene
Concen: 45.707 ug/l
RT: 12.63 min Scan# 1760
Delta R.T. 0.01 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 95 Resp: 210

Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	161.2
176	0.0	0.0	156.6



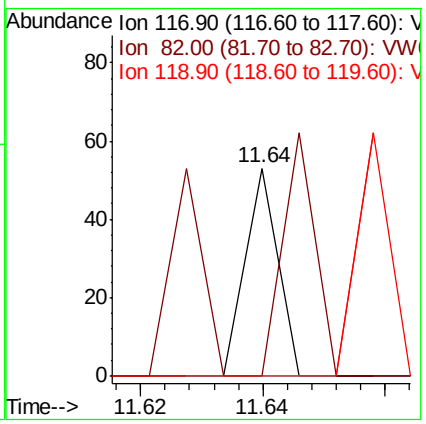


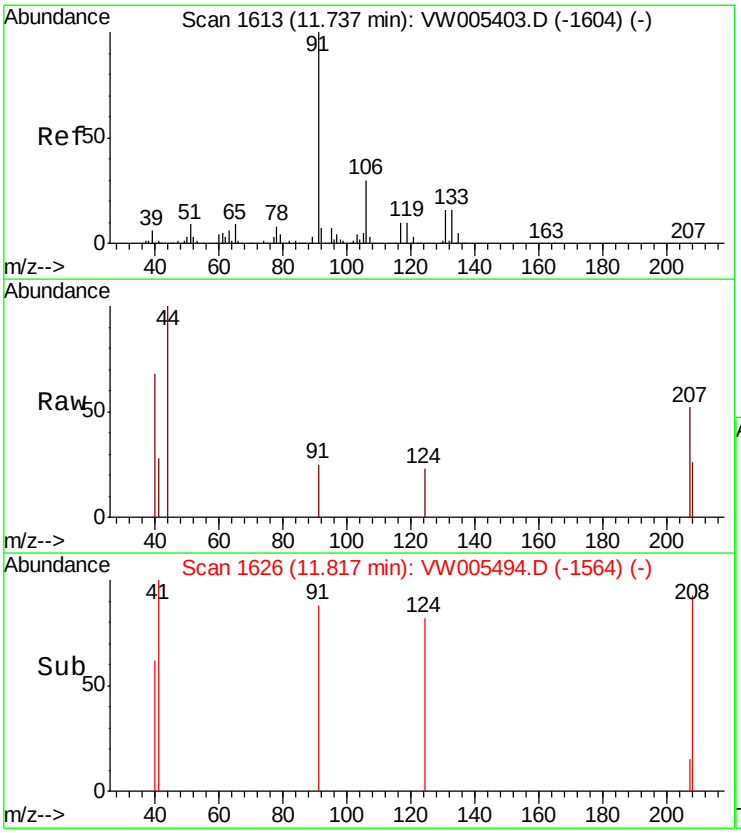
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Instrument : MSVOA_W
ClientSampleId : 132-1-VOLTRE

Tgt Ion:117 Resp: 19

Ion	Ratio	Lower	Upper
117	100		
82	0.0	45.9	68.9#
119	0.0	24.8	37.2#

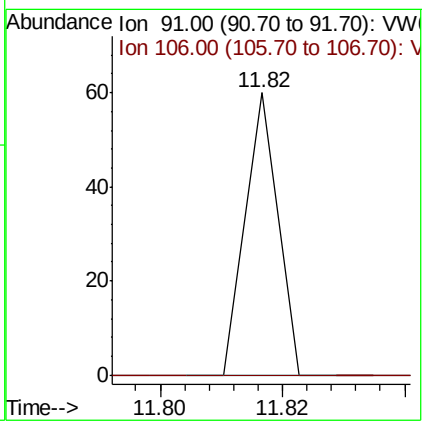


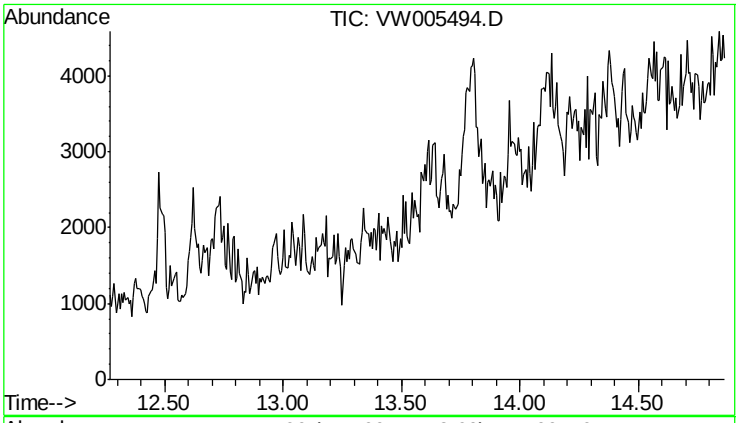


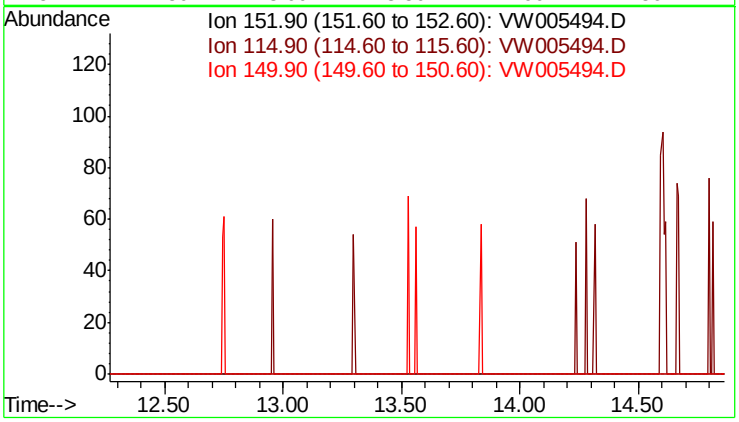
#67
Ethyl Benzene
Concen: 31.023 ug/l
RT: 11.82 min Scan# 1626
Delta R.T. 0.08 min
Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 91 Resp: 22

Ion	Ratio	Lower	Upper
91	100		
106	0.0	24.2	36.4#







#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.57 min

Lab File: VW005494.D
Acq: 18 Sep 2018 21:45

Tgt Ion: 152

Sig	Exp Ratio
152	100
115	59.0
150	172.8

Instrument :
MSVOA_W
ClientSampleId :
132-1-VOLTRE