Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005262.D
Acq On : 11 Sep 2018 00:42
Operator : SY/AP
Sample : VINYL CHLORIDE 1.0PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VINYL CHLORIDE 1.0PPB

Quant Time: Sep 11 03:54:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.96	168	112	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	534179	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	536090	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	262277	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.32	65	133	159.21	ug/l	0.01
Spiked Amount 50.000			Recovery = 318.42%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.33	98	625	0.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.08%			
62) 4-Bromofluorobenzene	12.63	95	515	0.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	707	731.775	ug/l #	67
3) Chloromethane	2.21	50	296	229.160	ug/l #	54
4) Vinyl Chloride	2.36	62	6197	5225.995	ug/l #	88
5) Bromomethane	2.78	94	454	668.075	ug/l #	29
6) Chloroethane	2.93	64	45	68.892	ug/l #	1
7) Trichlorofluoromethane	3.26	101	663	494.251	ug/l	98
10) Methyl Iodide	4.28	142	367	290.983	ug/l #	62
11) Tert butyl alcohol	5.16	59	1661	24245.862	ug/l #	73
12) 1,1-Dichloroethene	4.04	96	28	31.738	ug/l #	1
14) Allyl chloride	4.74	41	110	81.146	ug/l #	26
15) Acrylonitrile	5.40	53	49	227.186	ug/l #	17
16) Acetone	4.13	43	4095	26409.629	ug/l	95
17) Carbon Disulfide	4.38	76	210	67.813	ug/l #	74
18) Methyl Acetate	4.77	43	71	153.392	ug/l #	48
19) Methyl tert-butyl Ether	5.45	73	131	62.342	ug/l #	54
20) Methylene Chloride	4.92	84	14847	13788.938	ug/l	93
21) trans-1,2-Dichloroethene	5.41	96	57	55.335	ug/l #	1
23) Vinyl Acetate	6.08	43	47	30.903	ug/l #	71
25) 2-Butanone	7.13	43	3223	13177.687	ug/l #	81
26) 2,2-Dichloropropane	7.15	77	4690	3219.977	ug/l #	51
27) cis-1,2-Dichloroethene	7.18	96	42	38.098	ug/l #	1
29) Tetrahydrofuran	7.53	42	292	1771.608	ug/l #	48
30) Chloroform	7.70	83	234	138.798	ug/l #	61
31) Cyclohexane	8.04	56	69	38.601	ug/l #	14
51) 4-Methyl-2-Pentanone	10.21	43	2375	1.221	ug/l	95

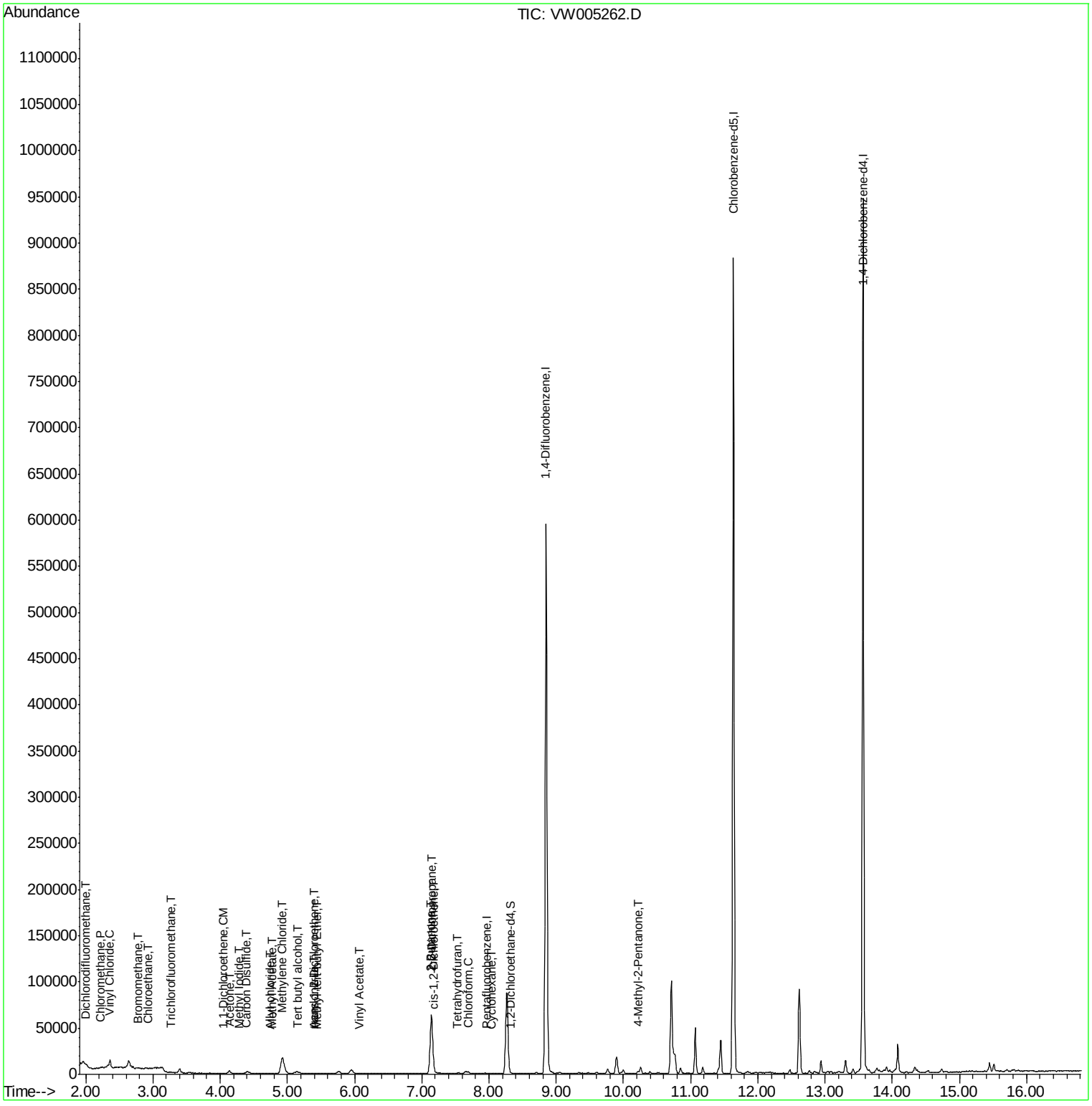
(#) = qualifier out of range (m) = manual integration (+) = signals summed

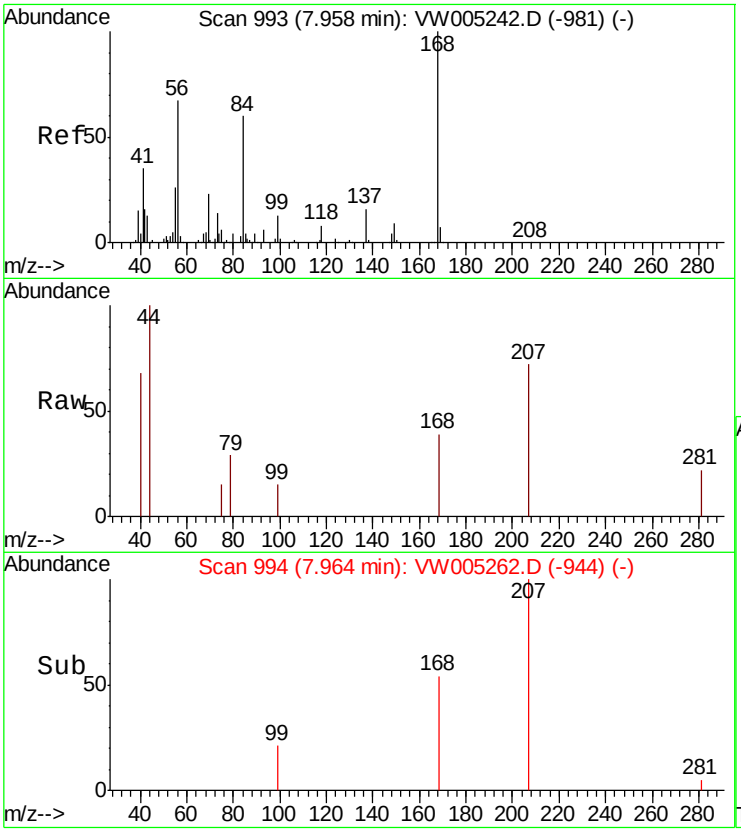
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005262.D
Acq On : 11 Sep 2018 00:42
Operator : SY/AP
Sample : VINYL CHLORIDE 1.0PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 29 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Quant Time: Sep 11 03:54:11 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W091018S.M
Quant Title : SW846 8260
QLast Update : Tue Sep 11 03:48:23 2018
Response via : Initial Calibration



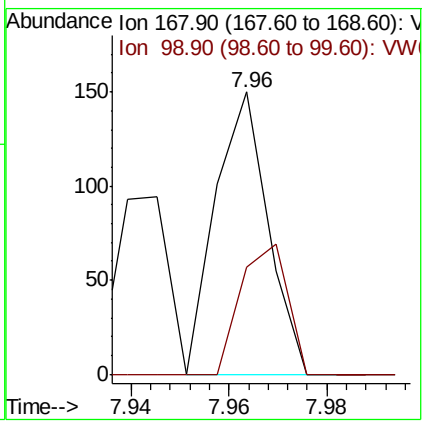


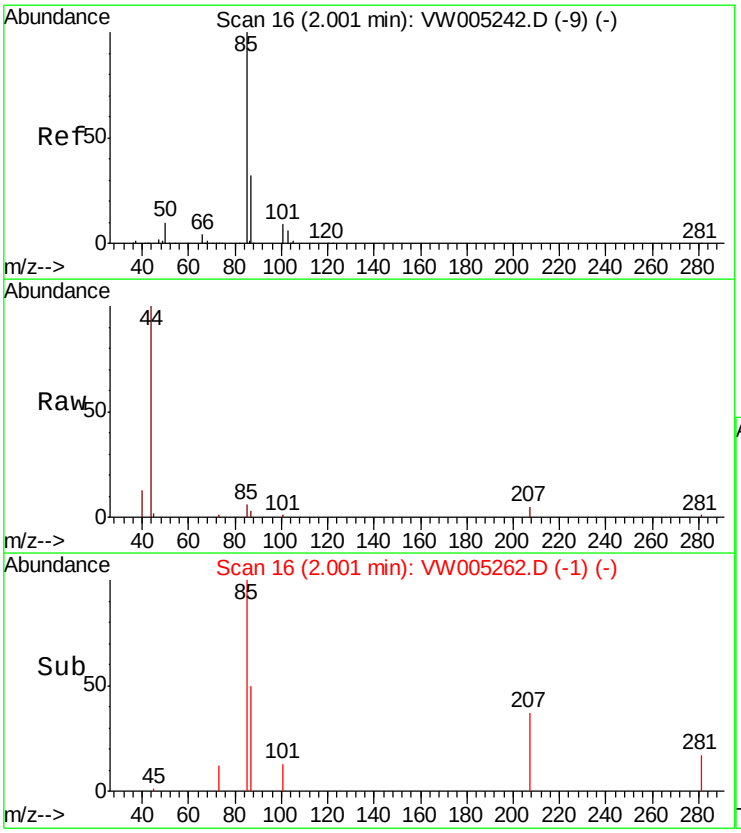
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 994
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion:168 Resp: 112

Ion	Ratio	Lower	Upper
168	100		
99	38.0	39.1	58.7#

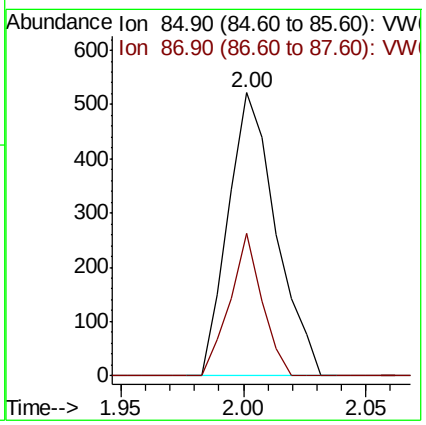


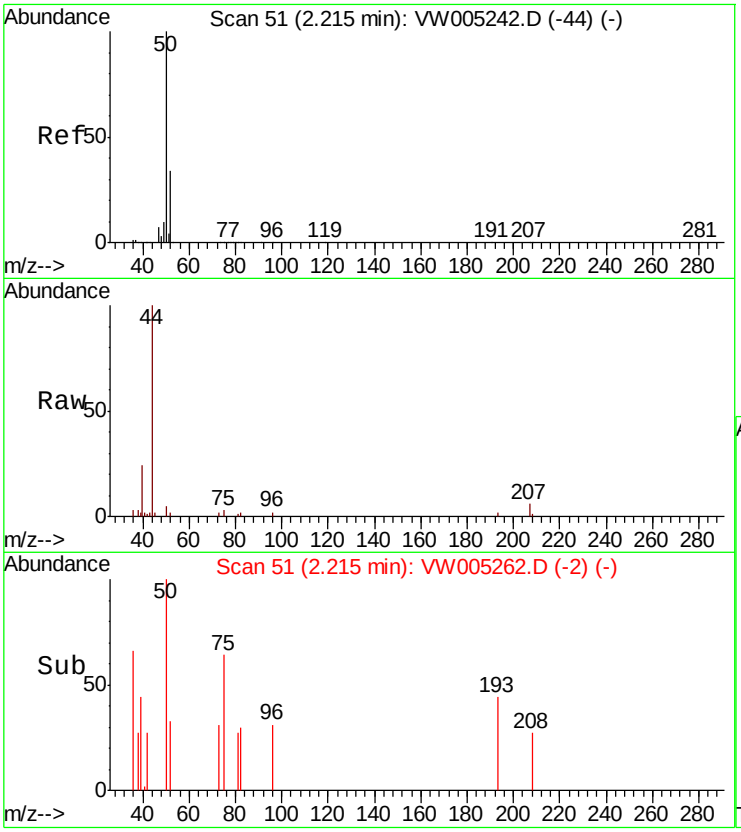


#2
Dichlorodifluoromethane
Concen: 731.775 ug/l
RT: 2.00 min Scan# 16
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 85 Resp: 707

Ion	Ratio	Lower	Upper
85	100		
87	50.4	16.0	47.9#



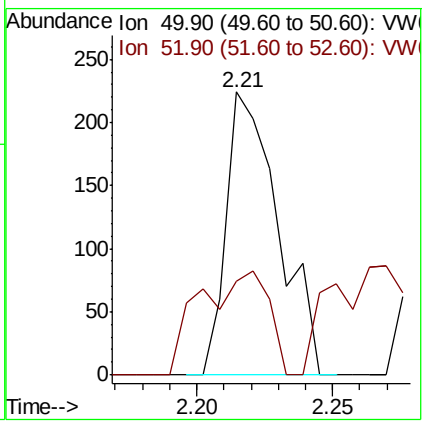


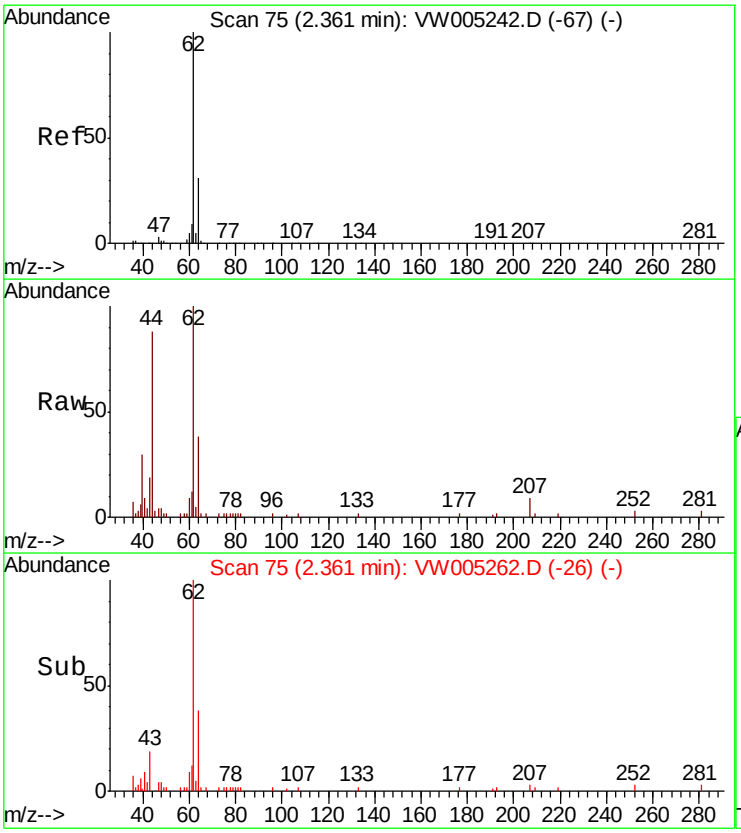
#3
Chloromethane
Concen: 229.160 ug/l
RT: 2.21 min Scan# 51
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 50 Resp: 296

Ion	Ratio	Lower	Upper
50	100		
52	7.6	27.0	40.4#

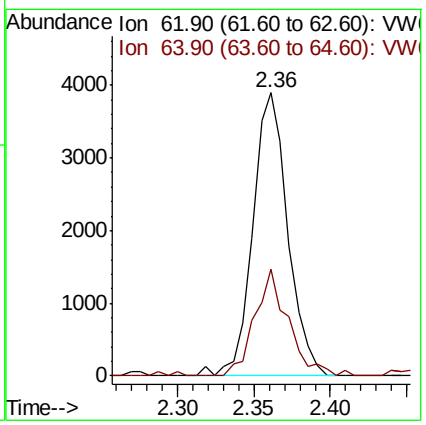


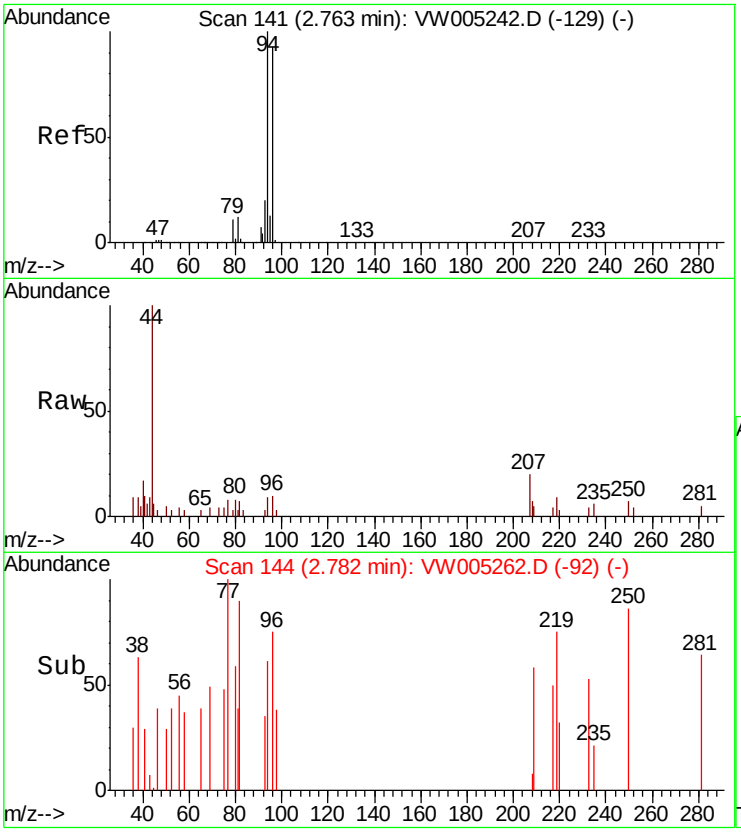


#4
Vinyl Chloride
Concen: 5225.995 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 62 Resp: 6197

Ion	Ratio	Lower	Upper
62	100		
64	37.6	24.6	37.0#



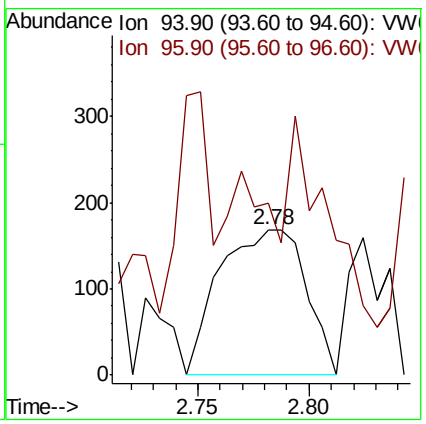


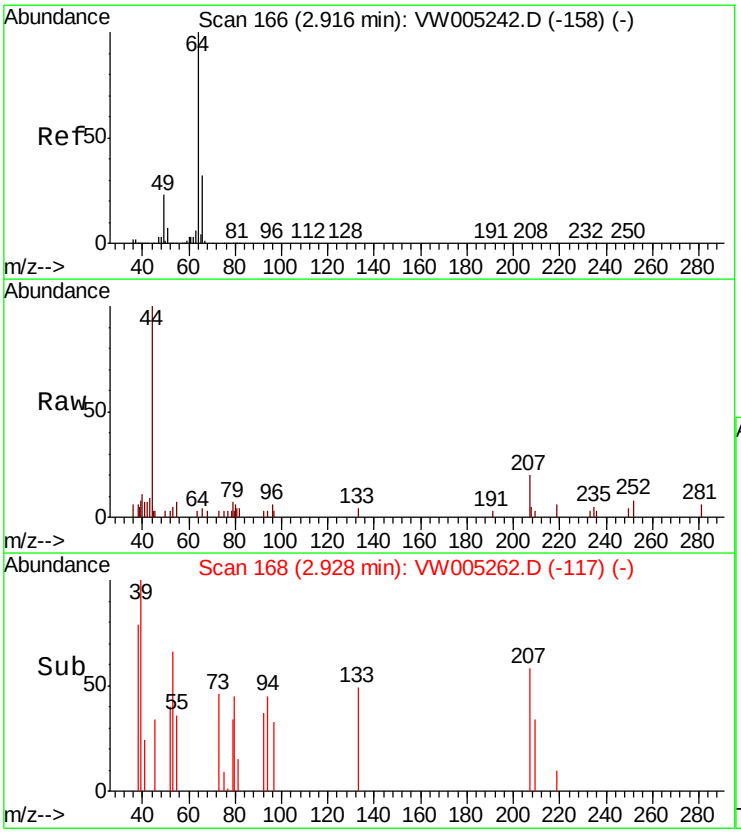
#5
Bromomethane
Concen: 668.075 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.02 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 94 Resp: 454

Ion	Ratio	Lower	Upper
94	100		
96	24.9	74.1	111.1#

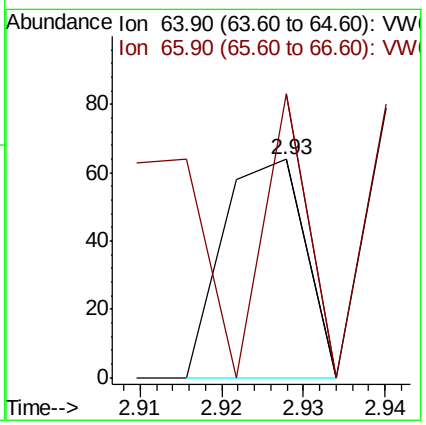


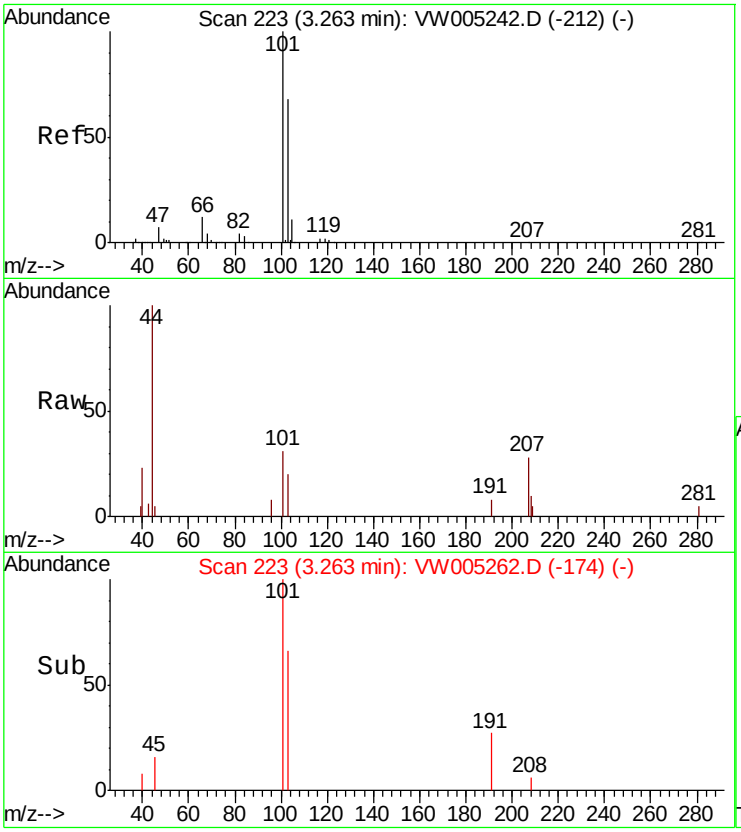


#6
Chloroethane
Concen: 68.892 ug/l
RT: 2.93 min Scan# 168
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 64 Resp: 45

Ion	Ratio	Lower	Upper
64	100		
66	129.7	25.3	37.9#



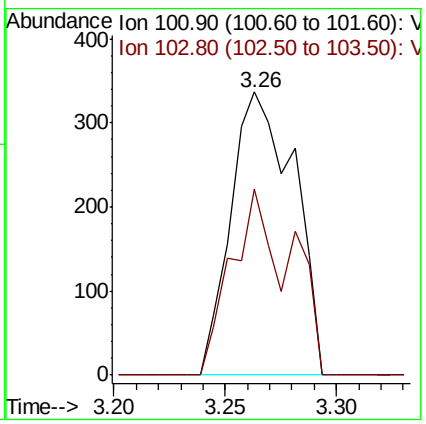


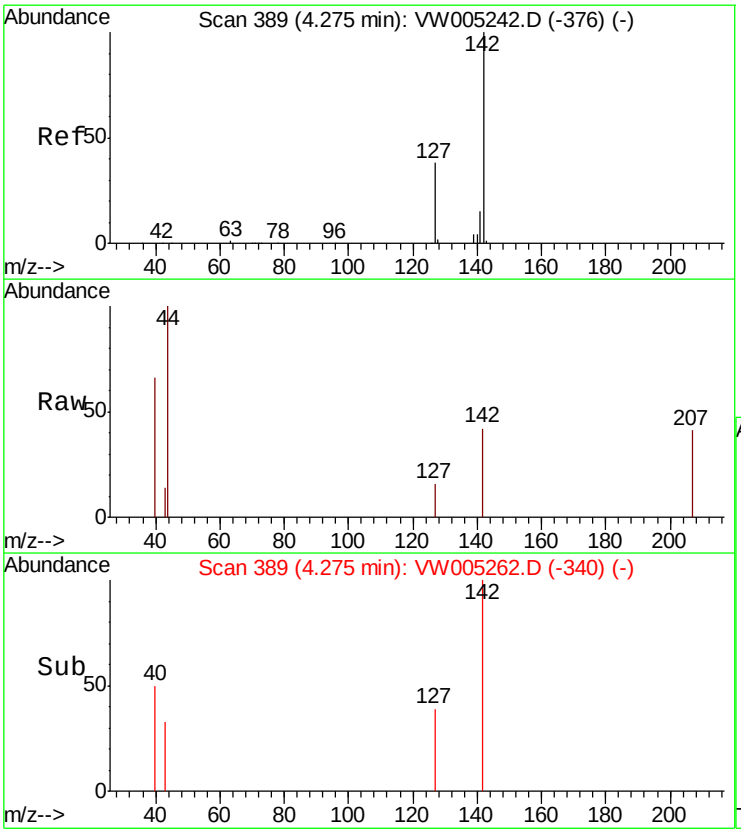
#7
Trichlorofluoromethane
Concen: 494.251 ug/l
RT: 3.26 min Scan# 223
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion:101 Resp: 663

Ion	Ratio	Lower	Upper
101	100		
103	65.9	54.1	81.1

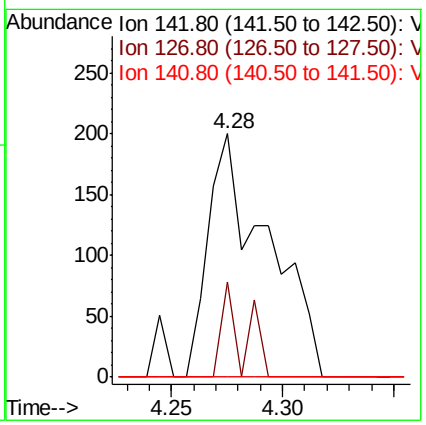


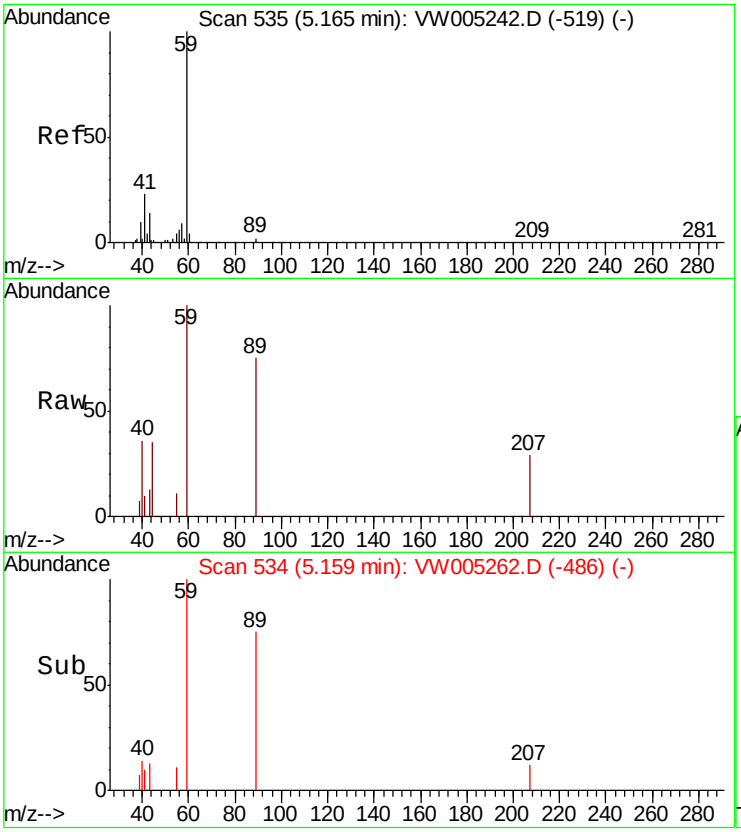


#10
Methyl Iodide
Concen: 290.983 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion:142 Resp: 367

Ion	Ratio	Lower	Upper
142	100		
127	14.2	30.3	45.5#
141	0.0	11.4	17.0#



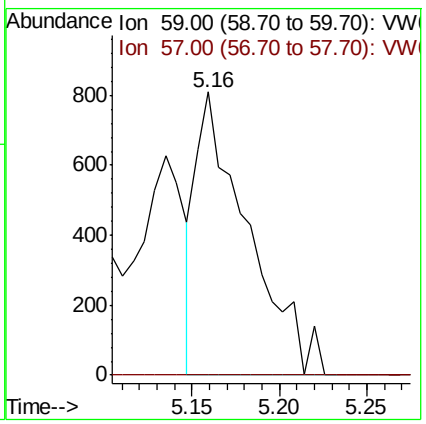


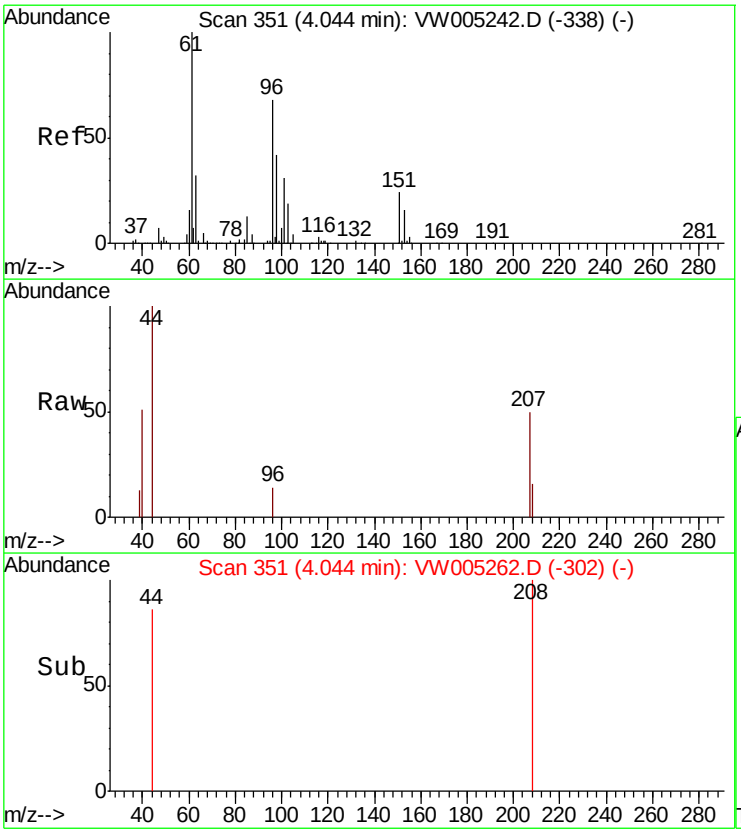
#11
Tert butyl alcohol
Concen: 24245.862 ug/l
RT: 5.16 min Scan# 534
Delta R.T. -0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 59 Resp: 1661

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#

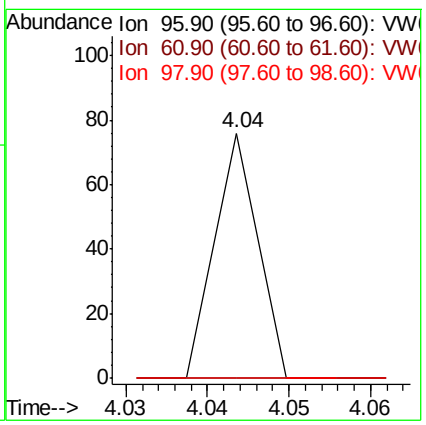


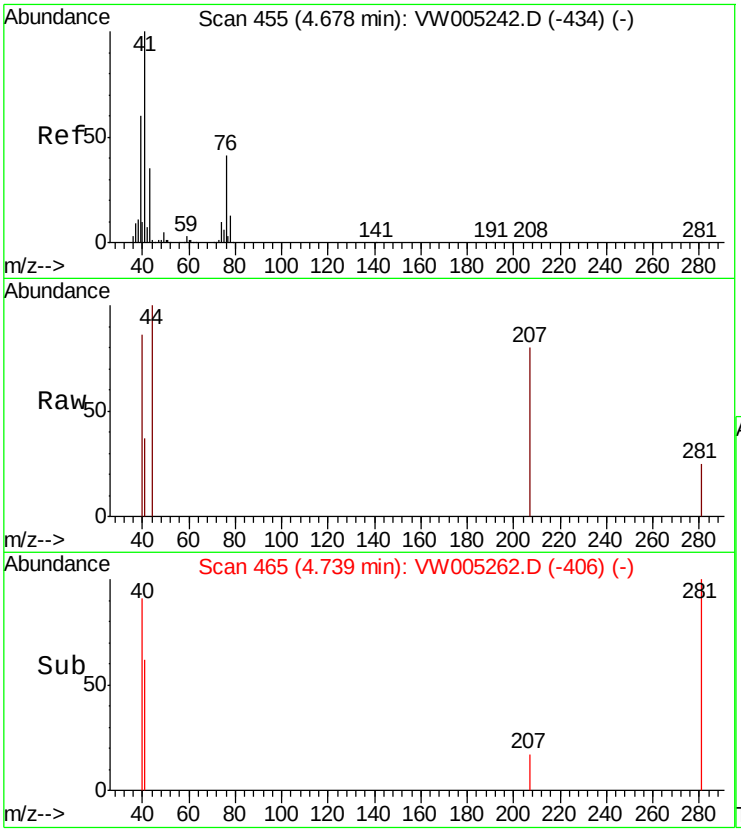


#12
1,1-Dichloroethene
Concen: 31.738 ug/l
RT: 4.04 min Scan# 351
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 96 Resp: 28

Ion	Ratio	Lower	Upper
96	100		
61	0.0	118.2	177.2#
98	0.0	49.9	74.9#



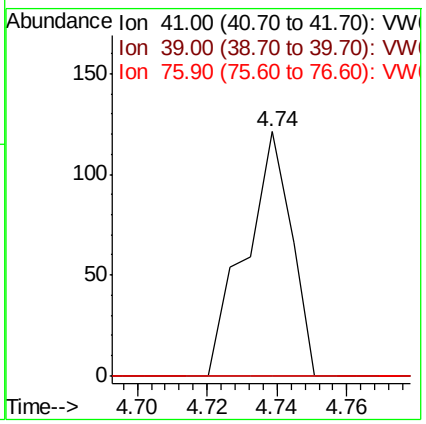


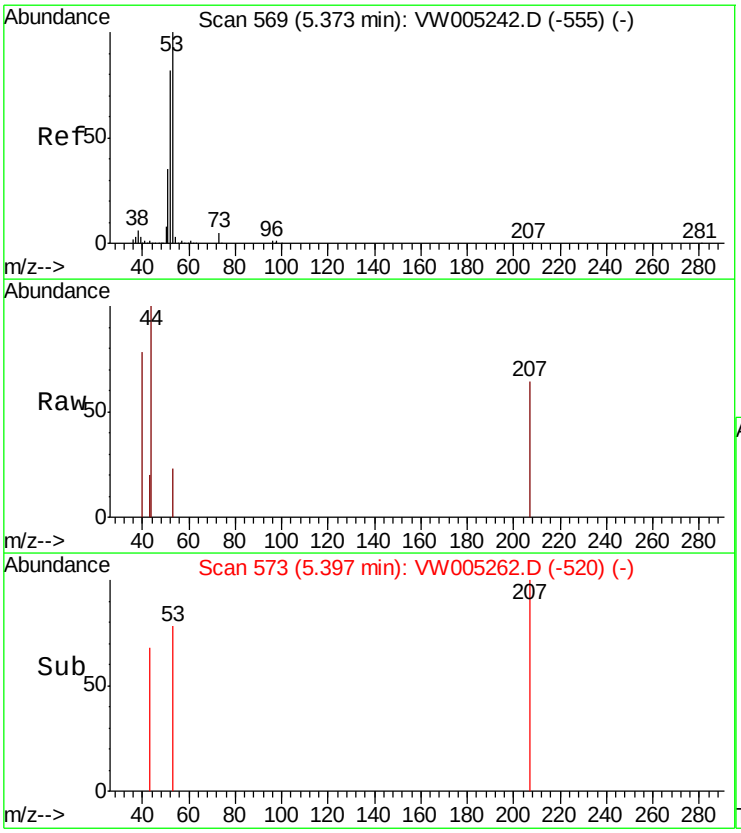
#14
Allyl chloride
Concen: 81.146 ug/l
RT: 4.74 min Scan# 465
Delta R.T. 0.06 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 41 Resp: 110

Ion	Ratio	Lower	Upper
41	100		
39	0.0	48.2	72.4#
76	0.0	31.7	47.5#

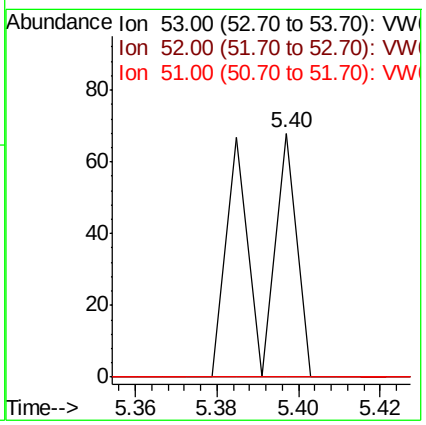


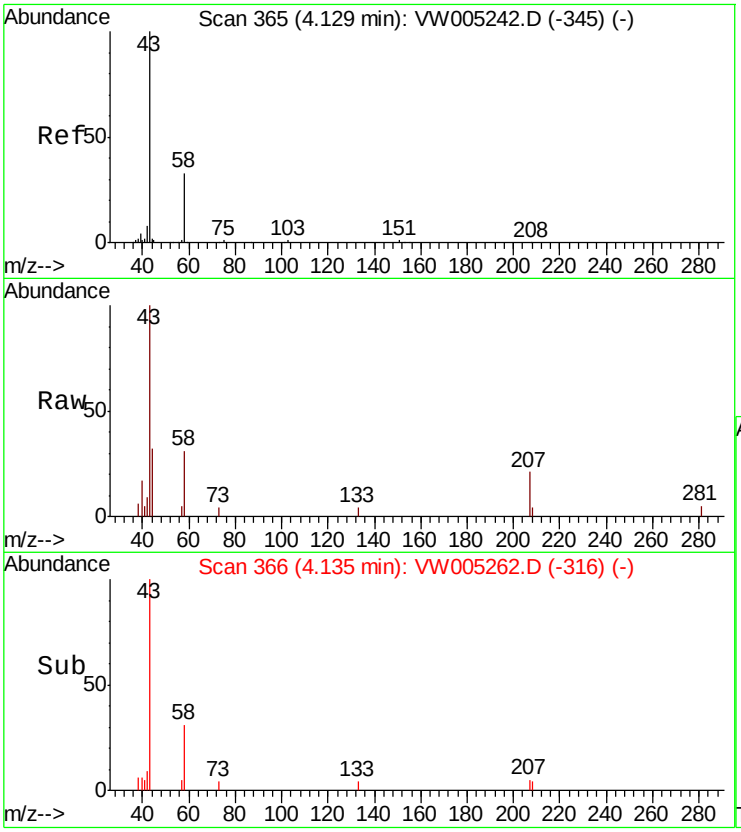


#15
Acrylonitrile
Concen: 227.186 ug/l
RT: 5.40 min Scan# 573
Delta R.T. 0.02 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 53 Resp: 49

Ion	Ratio	Lower	Upper
53	100		
52	0.0	66.0	99.0#
51	0.0	28.6	43.0#



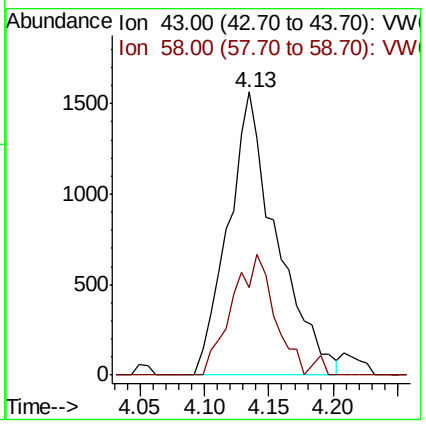


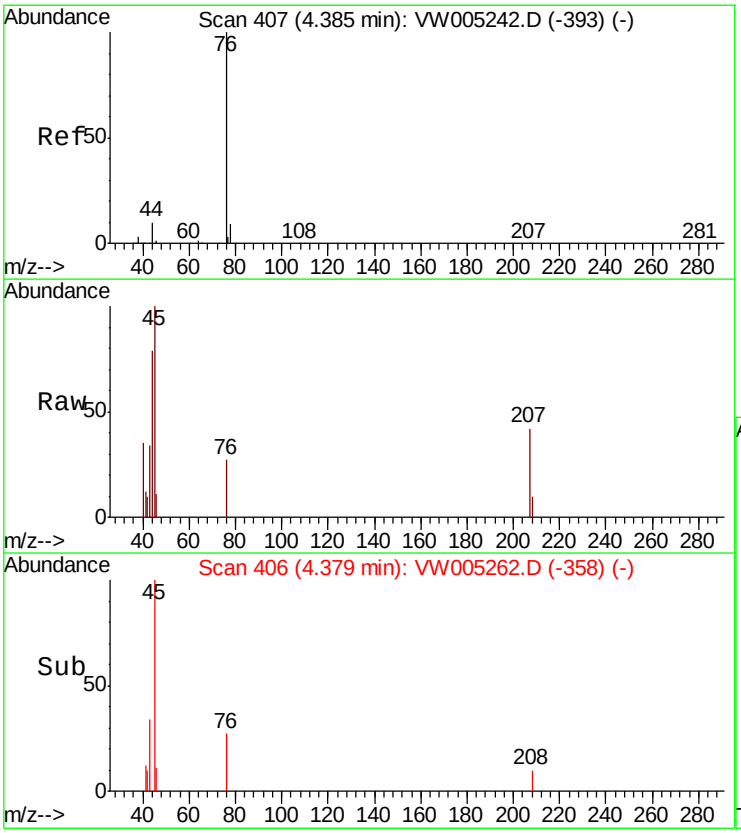
#16
Acetone
Concen: 26409.629 ug/l
RT: 4.13 min Scan# 366
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 43 Resp: 4095

Ion	Ratio	Lower	Upper
43	100		
58	30.8	26.7	40.1

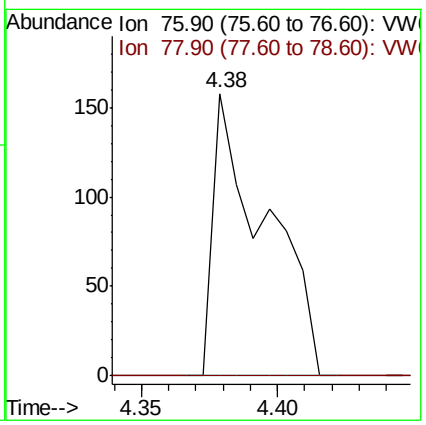


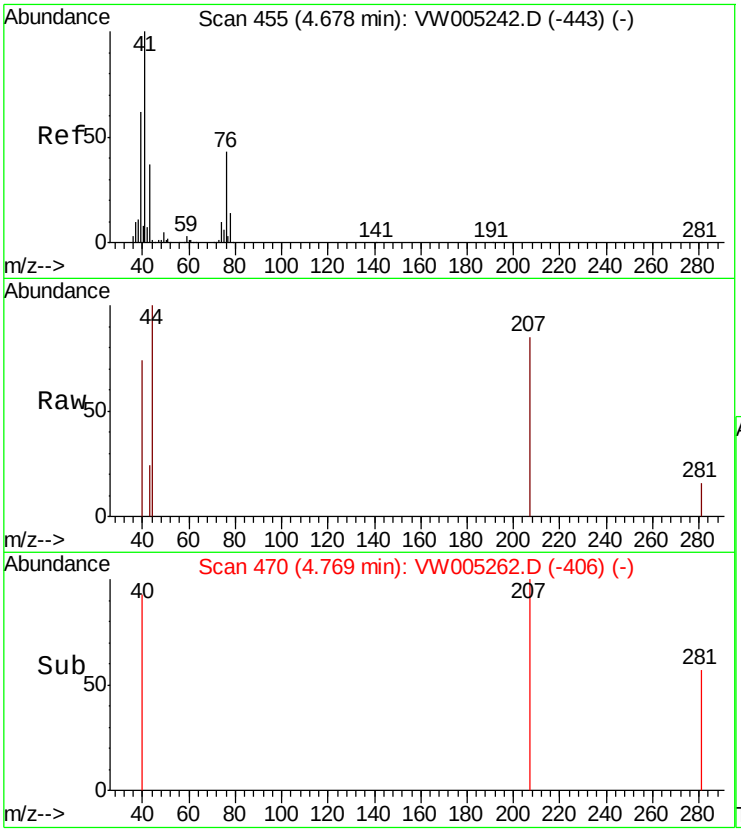


#17
Carbon Disulfide
Concen: 67.813 ug/l
RT: 4.38 min Scan# 406
Delta R.T. -0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 76 Resp: 210

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



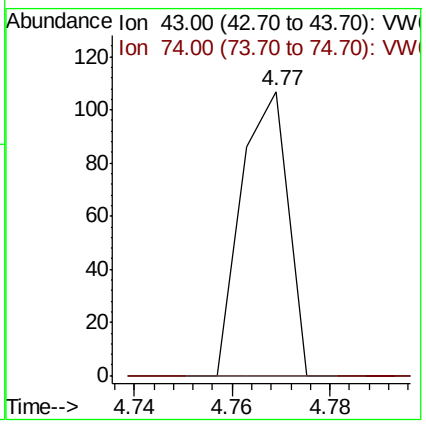


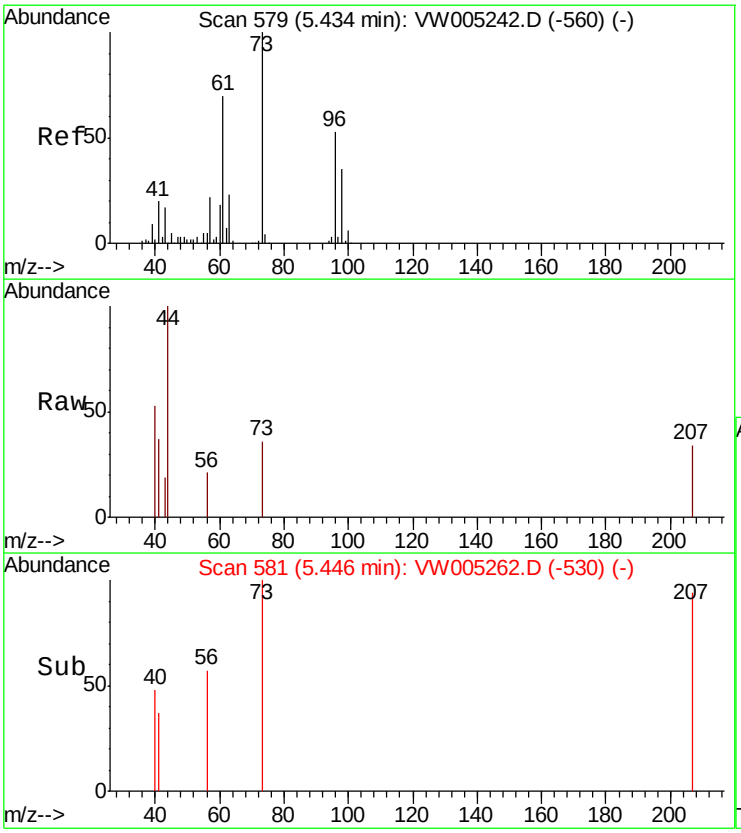
#18
Methyl Acetate
Concen: 153.392 ug/l
RT: 4.77 min Scan# 470
Delta R.T. 0.09 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 43 Resp: 71

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.4	32.2#

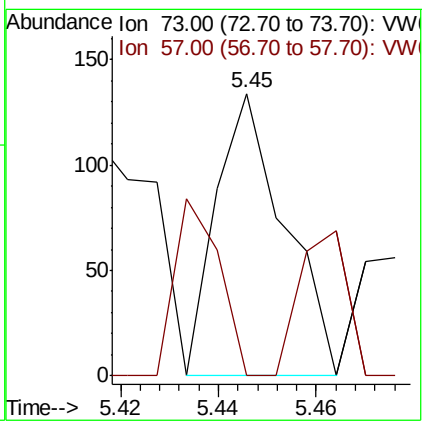


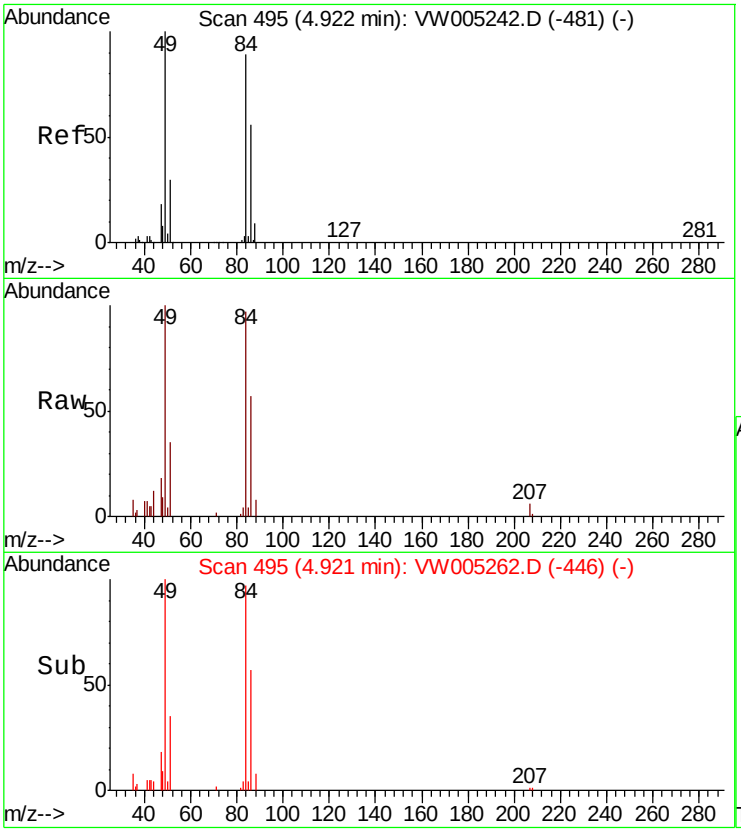


#19
Methyl tert-butyl Ether
Concen: 62.342 ug/l
RT: 5.45 min Scan# 581
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 73 Resp: 131

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.2#



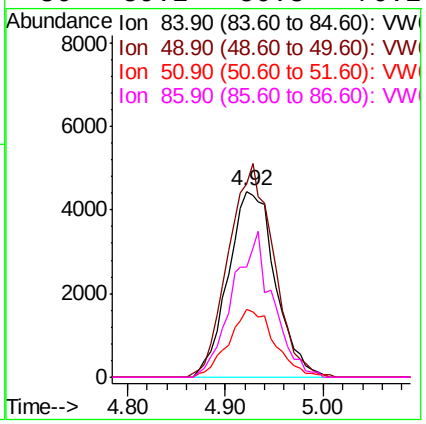


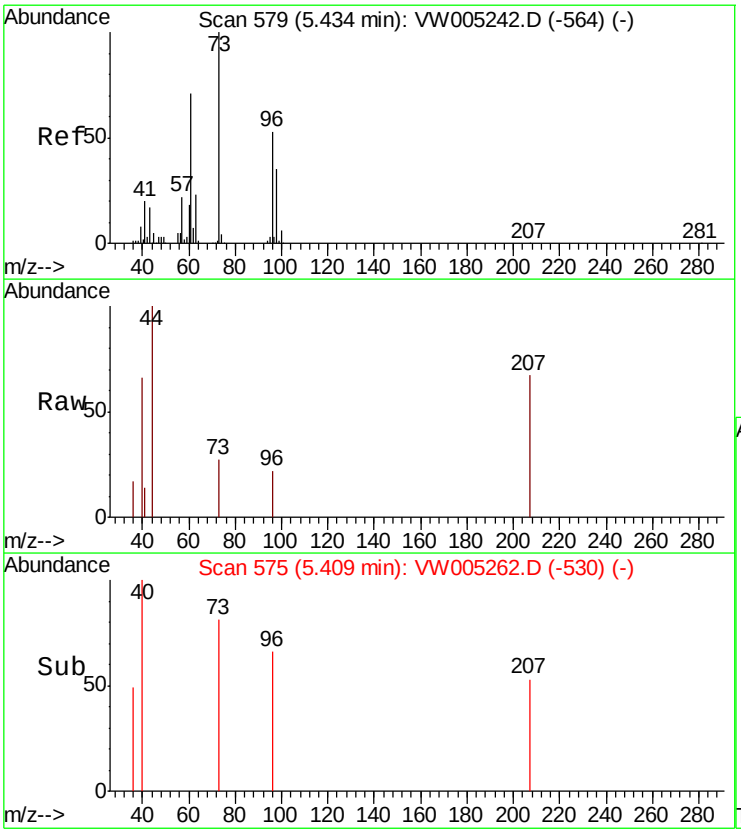
#20
Methylene Chloride
Concen: 13788.938 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 84 Resp: 14847

Ion	Ratio	Lower	Upper
84	100		
49	103.5	90.3	135.5
51	36.2	26.9	40.3
86	59.2	50.8	76.2

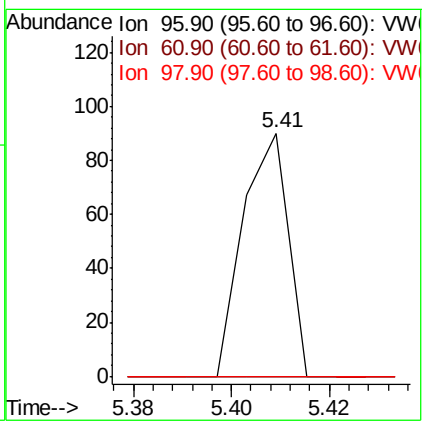


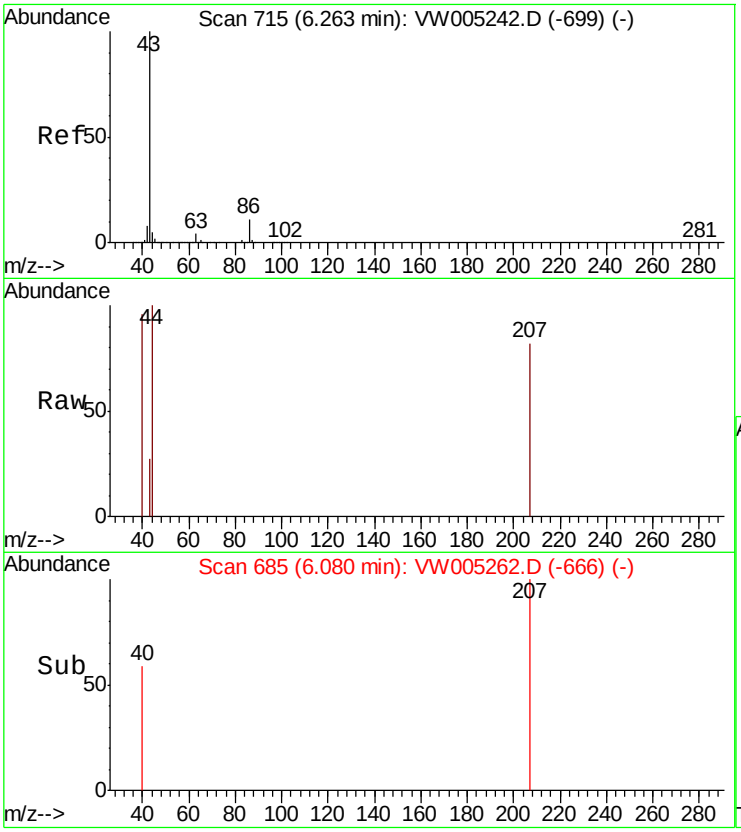


#21
trans-1,2-Dichloroethene
Concen: 55.335 ug/l
RT: 5.41 min Scan# 575
Delta R.T. -0.02 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 96 Resp: 57

Ion	Ratio	Lower	Upper
96	100		
61	0.0	105.7	158.5#
98	0.0	52.8	79.2#



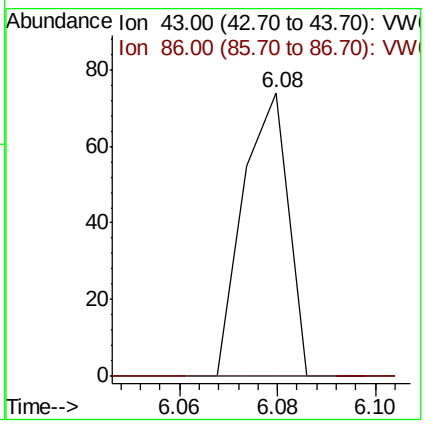


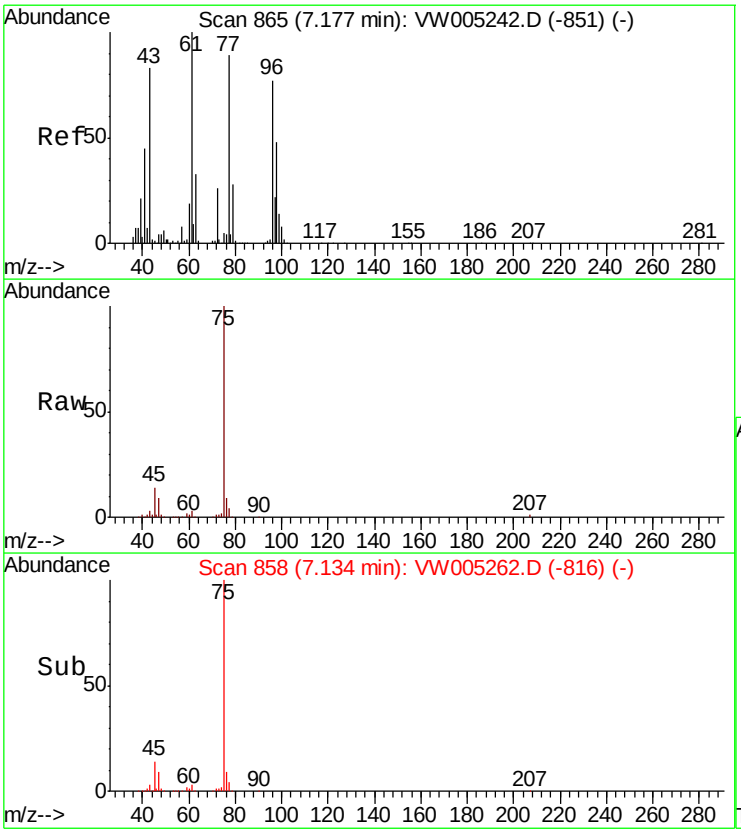
#23
Vinyl Acetate
Concen: 30.903 ug/l
RT: 6.08 min Scan# 685
Delta R.T. -0.18 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 43 Resp: 47

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

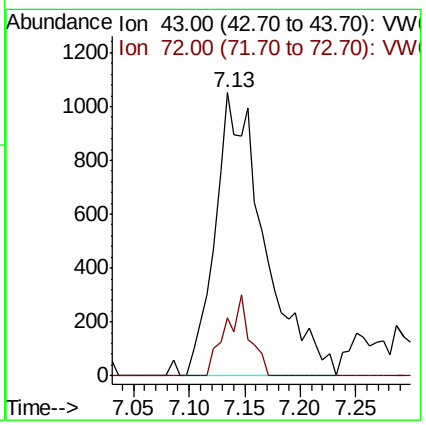


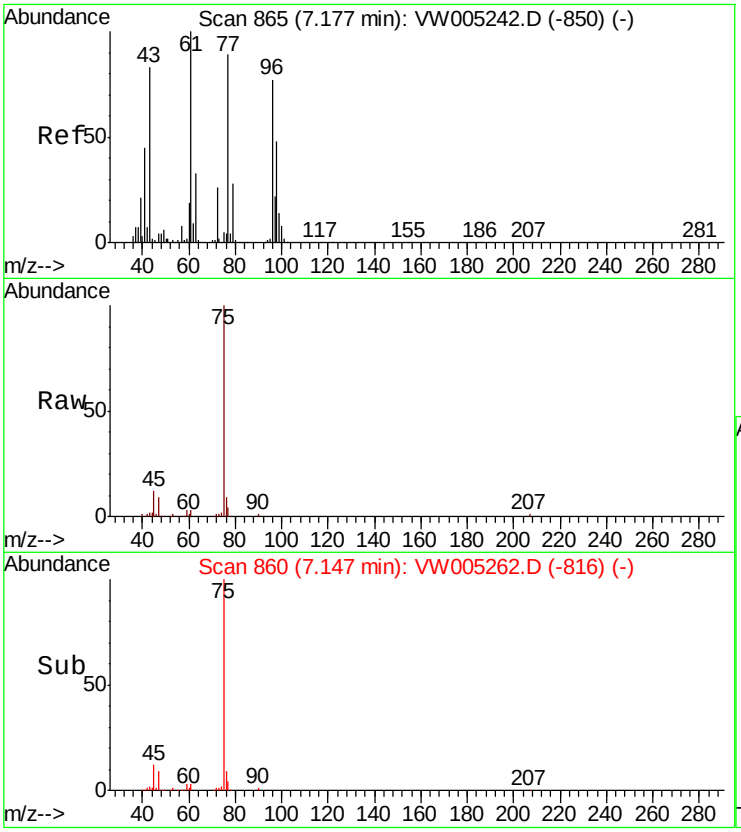


#25
2-Butanone
Concen: 13177.687 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 43 Resp: 3223

Ion	Ratio	Lower	Upper
43	100		
72	20.6	25.0	37.6#



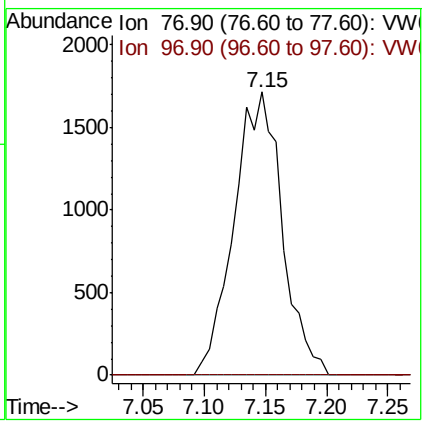


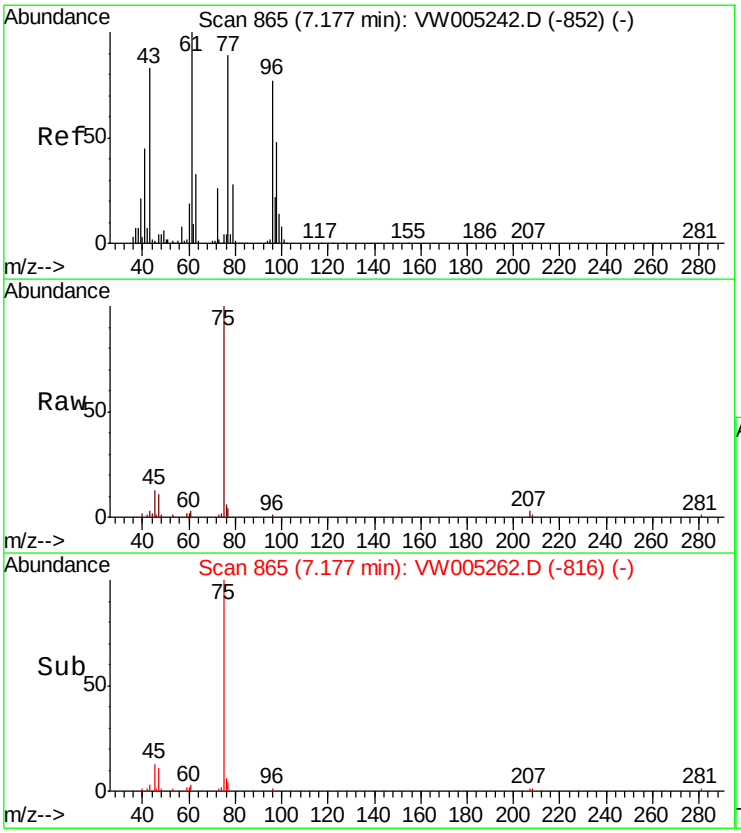
#26
2,2-Dichloropropane
Concen: 3219.977 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 77 Resp: 4690

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.2	36.6#

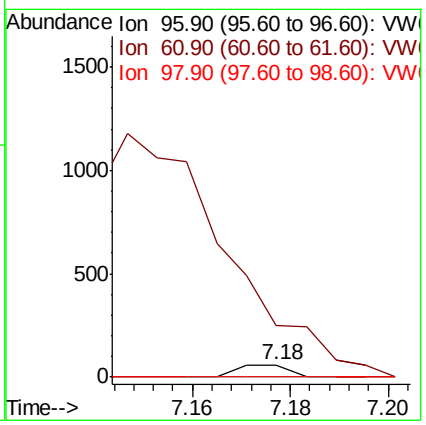


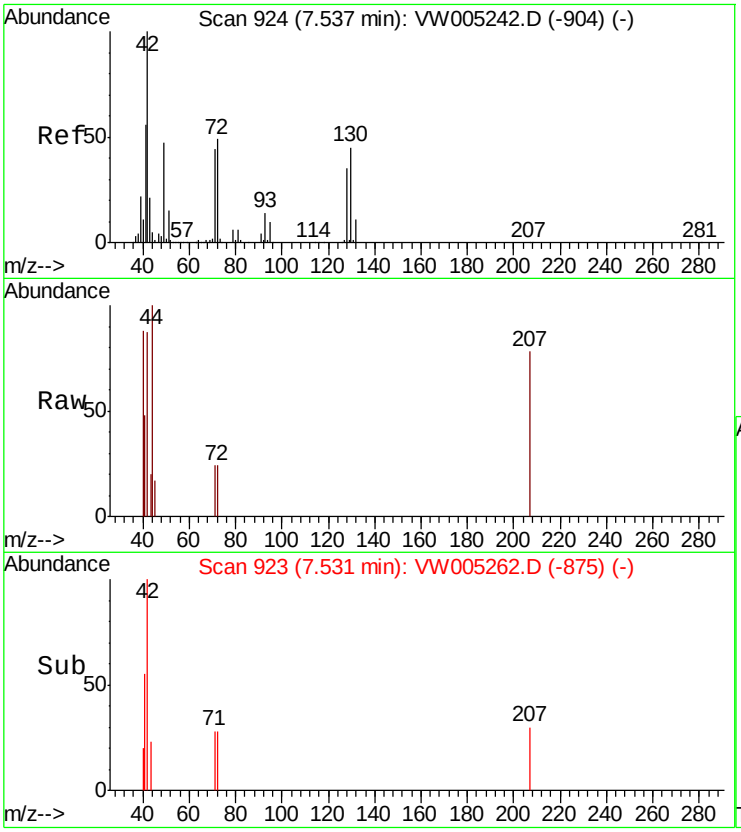


#27
cis-1,2-Dichloroethene
Concen: 38.098 ug/l
RT: 7.18 min Scan# 865
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 96 Resp: 42

Ion	Ratio	Lower	Upper
96	100		
61	0.0	0.0	273.4
98	0.0	0.0	127.8



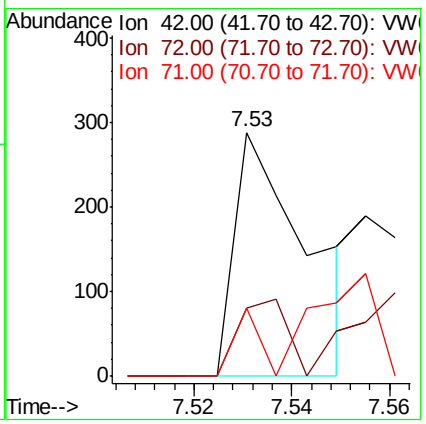


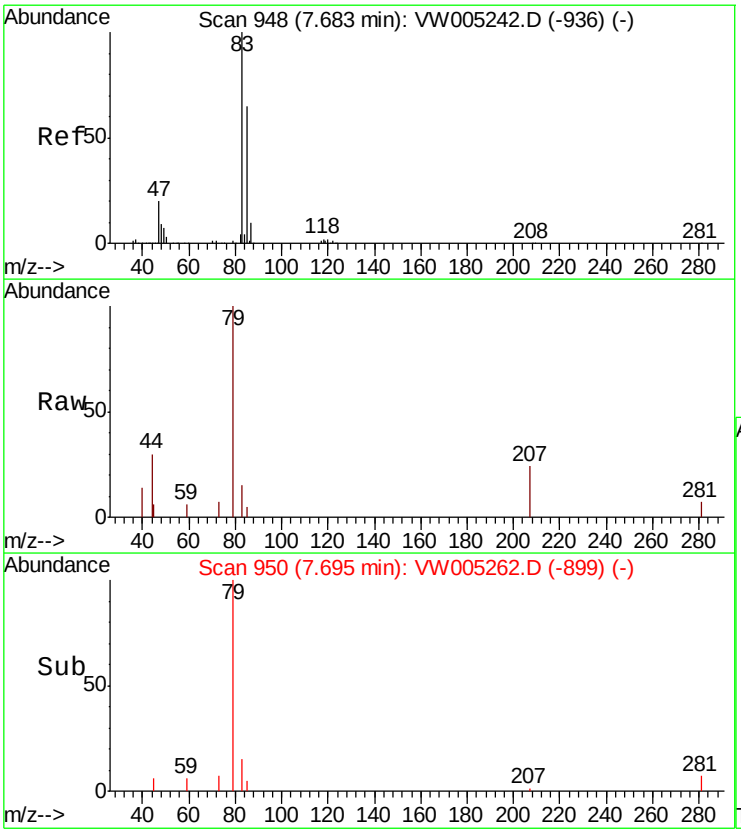
#29
Tetrahydrofuran
Concen: 1771.608 ug/l
RT: 7.53 min Scan# 923
Delta R.T. -0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 42 Resp: 292

Ion	Ratio	Lower	Upper
42	100		
72	21.6	37.5	56.3#
71	0.0	34.8	52.2#

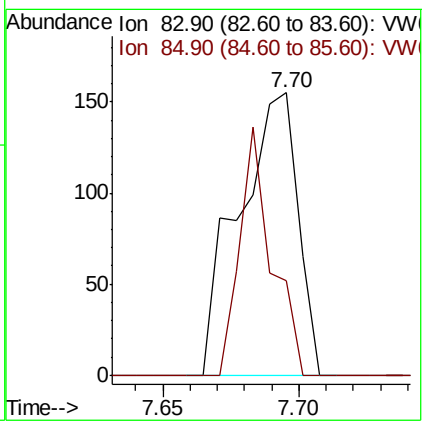


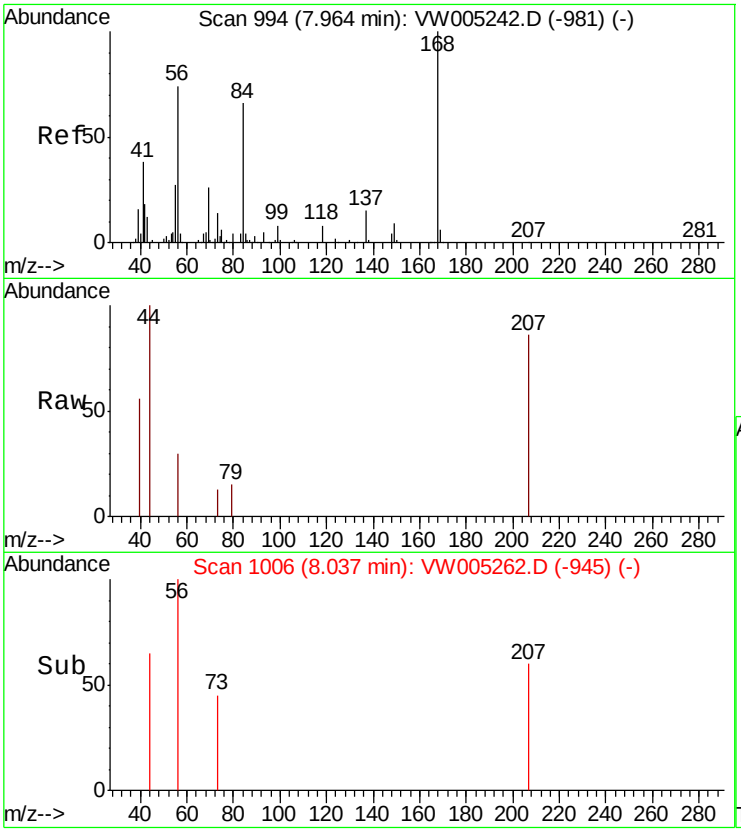


#30
Chloroform
Concen: 138.798 ug/l
RT: 7.70 min Scan# 950
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 83 Resp: 234

Ion	Ratio	Lower	Upper
83	100		
85	33.5	51.7	77.5#



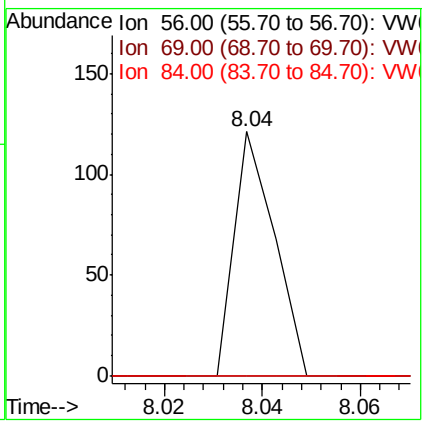


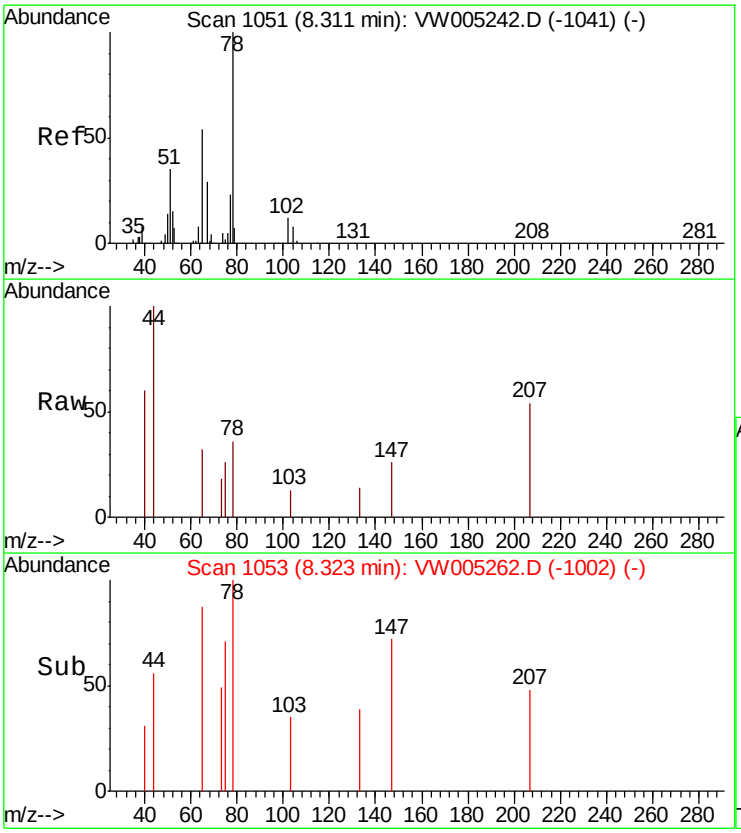
#31
Cyclohexane
Concen: 38.601 ug/l
RT: 8.04 min Scan# 1006
Delta R.T. 0.07 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 56 Resp: 69

Ion	Ratio	Lower	Upper
56	100		
69	0.0	27.8	41.8#
84	0.0	72.1	108.1#

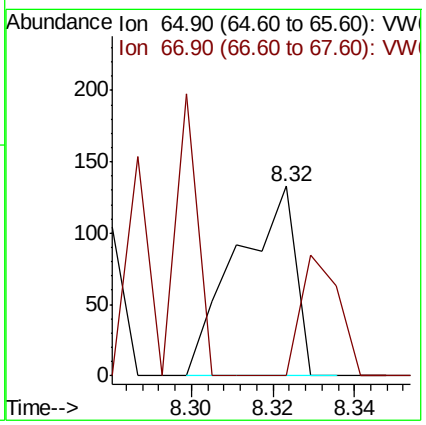


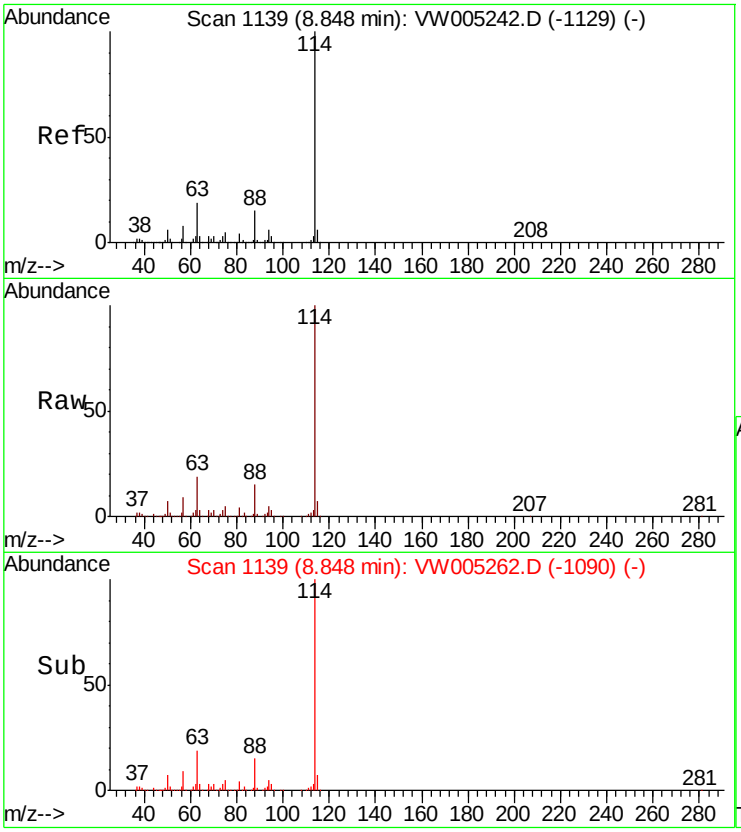


#33
1,2-Dichloroethane-d4
Concen: 159.212 ug/l
RT: 8.32 min Scan# 1053
Delta R.T. 0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 65 Resp: 133

Ion	Ratio	Lower	Upper
65	100		
67	40.6	0.0	112.2



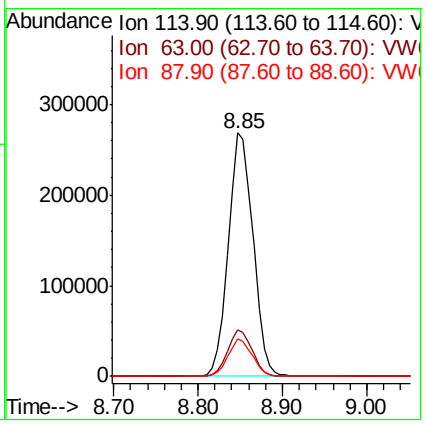


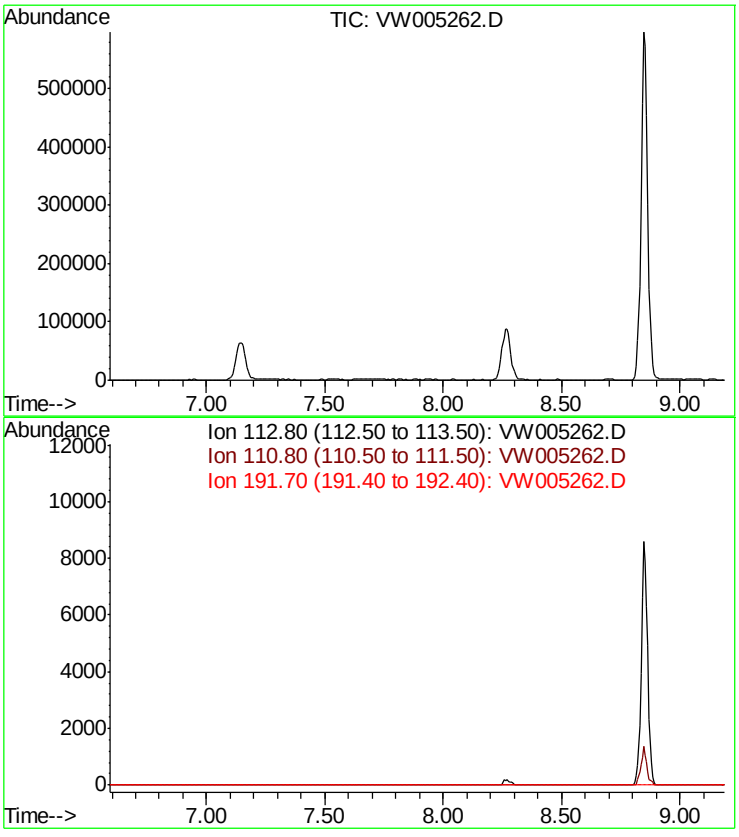
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion:114 Resp: 534179

Ion	Ratio	Lower	Upper
114	100		
63	19.0	0.0	37.0
88	15.3	0.0	30.4



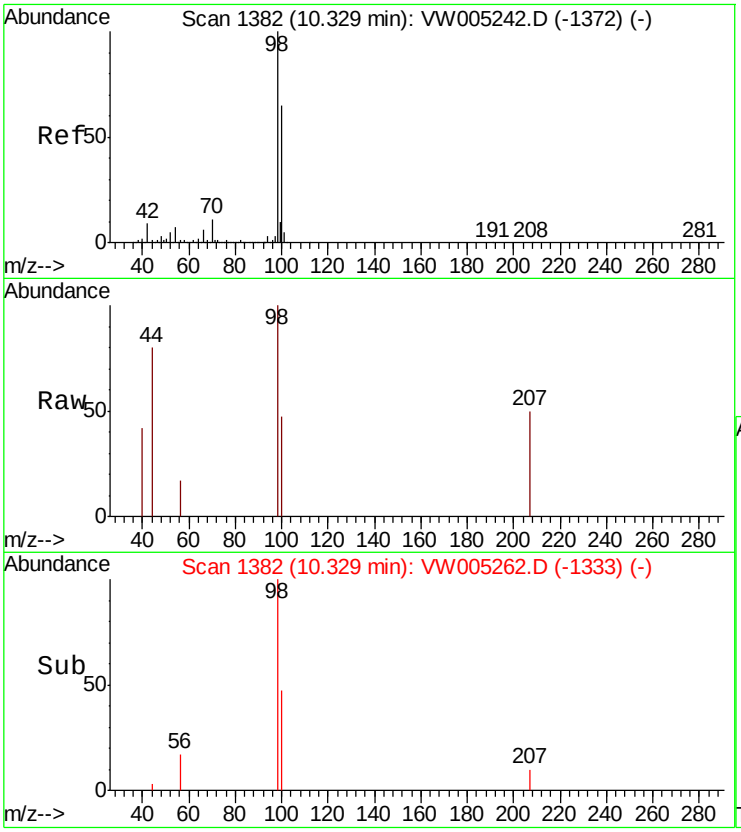


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.89 min

Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	100.8
192	22.9

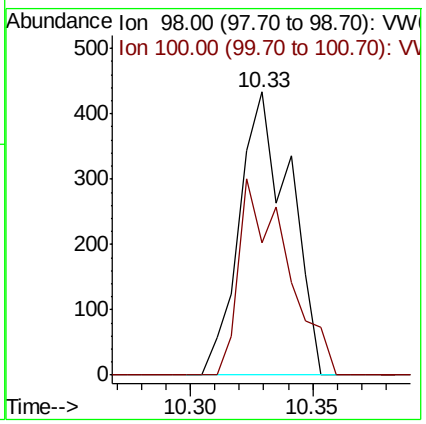


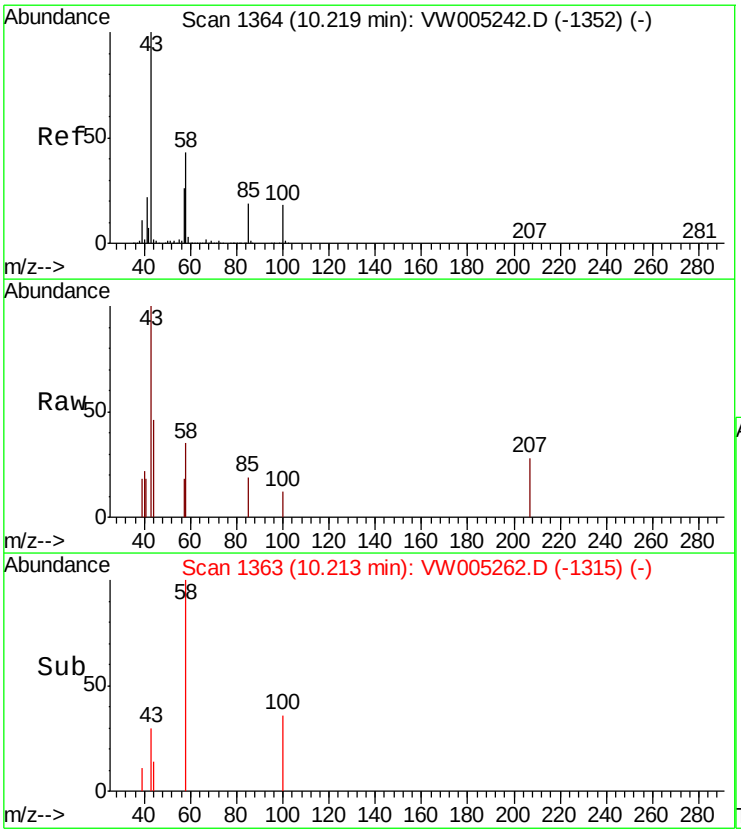
#50
Toluene-d8
Concen: 0.044 ug/l
RT: 10.33 min Scan# 1382
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 98 Resp: 625

Ion	Ratio	Lower	Upper
98	100		
100	65.4	52.0	78.0

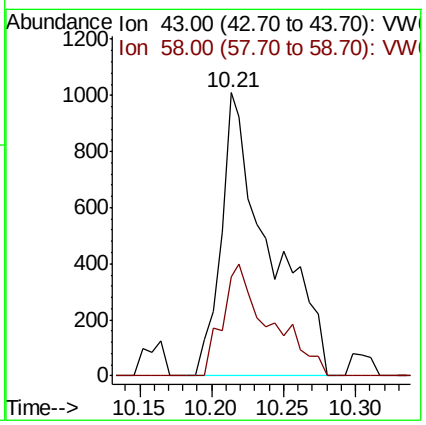


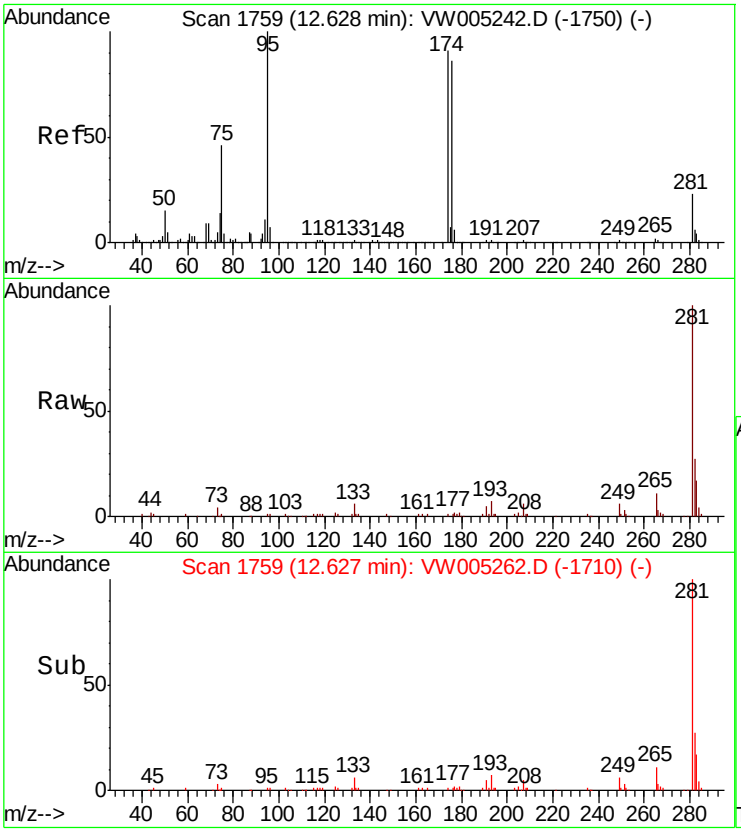


#51
4-Methyl-2-Pentanone
Concen: 1.221 ug/l
RT: 10.21 min Scan# 1363
Delta R.T. -0.01 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion: 43 Resp: 2375

Ion	Ratio	Lower	Upper
43	100		
58	38.7	33.8	50.6



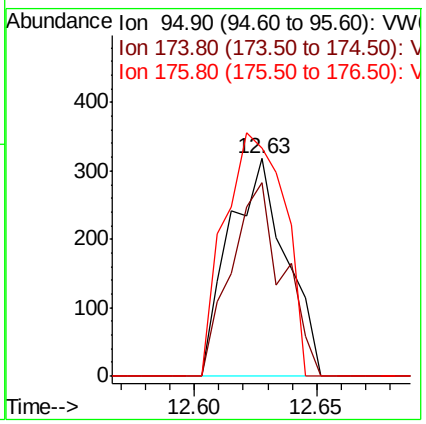


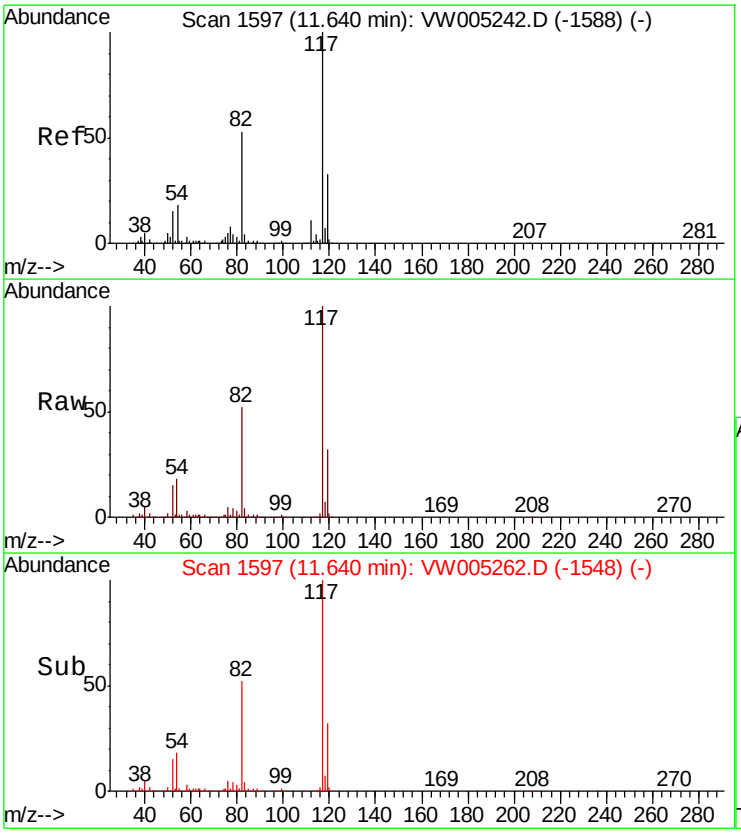
#62
4-Bromofluorobenzene
Concen: 0.100 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion: 95 Resp: 515

Ion	Ratio	Lower	Upper
95	100		
174	81.6	0.0	174.6
176	118.3	0.0	167.6

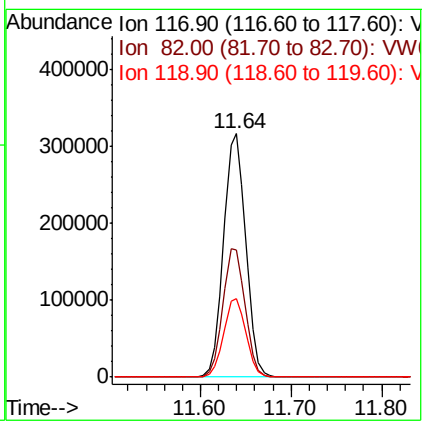


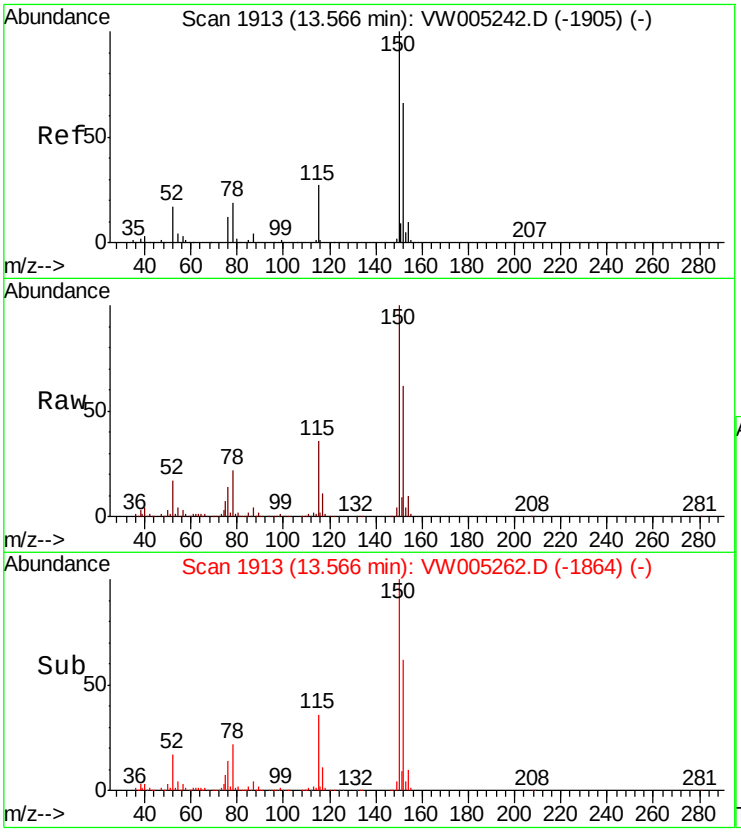


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Tgt Ion:117 Resp: 536090

Ion	Ratio	Lower	Upper
117	100		
82	52.4	42.6	63.8
119	32.2	26.2	39.4





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. -0.00 min
Lab File: VW005262.D
Acq: 11 Sep 2018 00:42

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 1.0PPB

Tgt Ion:152 Resp: 262277

Ion	Ratio	Lower	Upper
152	100		
115	56.0	27.5	82.4
150	156.4	0.0	347.4