Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005263.D
Acq On : 11 Sep 2018 01:08
Operator : SY/AP
Sample : VINYL CHLORIDE2.0PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VINYL CHLORIDE2.0PPB

Quant Time: Sep 11 03:54:24 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	7.94	168	59	50.00	ug/l	-0.02
34) 1,4-Difluorobenzene	8.85	114	551659	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	561391	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	284453	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.29	65	66	149.98	ug/l	-0.02
Spiked Amount 50.000			Recovery = 299.96%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.34	98	496	0.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.06%			
62) 4-Bromofluorobenzene	12.63	95	555	0.10	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.20%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	790	1552.212	ug/l	97
3) Chloromethane	2.23	50	467	686.324	ug/l #	84
4) Vinyl Chloride	2.36	62	10956	17539.029	ug/l	99
5) Bromomethane	2.75	94	136	378.536	ug/l #	23
6) Chloroethane	2.91	64	95	276.088	ug/l #	43
7) Trichlorofluoromethane	3.26	101	218	308.501	ug/l	88
8) Diethyl Ether	3.69	74	39	154.862	ug/l #	4
10) Methyl Iodide	4.28	142	247	370.839	ug/l #	74
11) Tert butyl alcohol	5.15	59	2356	65284.381	ug/l #	73
12) 1,1-Dichloroethene	4.02	96	28	60.248	ug/l #	1
14) Allyl chloride	4.65	41	100	140.036	ug/l #	26
15) Acrylonitrile	5.40	53	30	264.041	ug/l #	17
16) Acetone	4.14	43	3628	44416.230	ug/l	93
17) Carbon Disulfide	4.39	76	108	66.204	ug/l #	74
18) Methyl Acetate	4.70	43	59	241.970	ug/l #	48
19) Methyl tert-butyl Ether	5.43	73	240	216.814	ug/l #	54
20) Methylene Chloride	4.92	84	15974	28166.214	ug/l	88
21) trans-1,2-Dichloroethene	5.39	96	19	35.014	ug/l #	1
22) Diisopropyl ether	6.29	45	26	18.085	ug/l #	38
25) 2-Butanone	7.15	43	2766	21468.271	ug/l #	69
26) 2,2-Dichloropropane	7.15	77	3817	4974.714	ug/l #	51
27) cis-1,2-Dichloroethene	7.12	96	33	56.824	ug/l #	1
29) Tetrahydrofuran	7.55	42	582	6703.071	ug/l #	64
30) Chloroform	7.68	83	200	225.197	ug/l #	18
37) Ethyl Acetate	7.15	43	2766	1.439	ug/l #	1

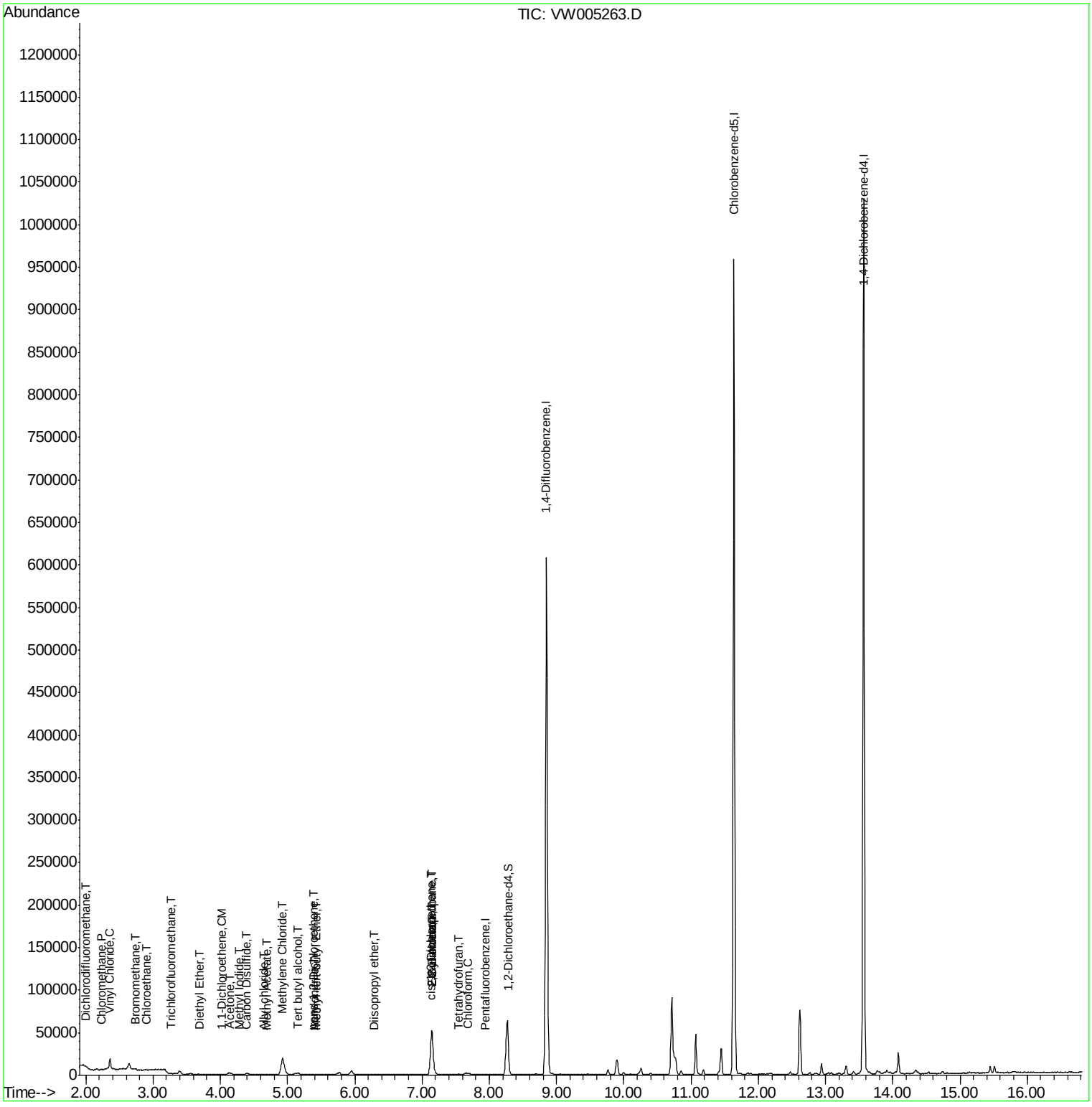
(#) = qualifier out of range (m) = manual integration (+) = signals summed

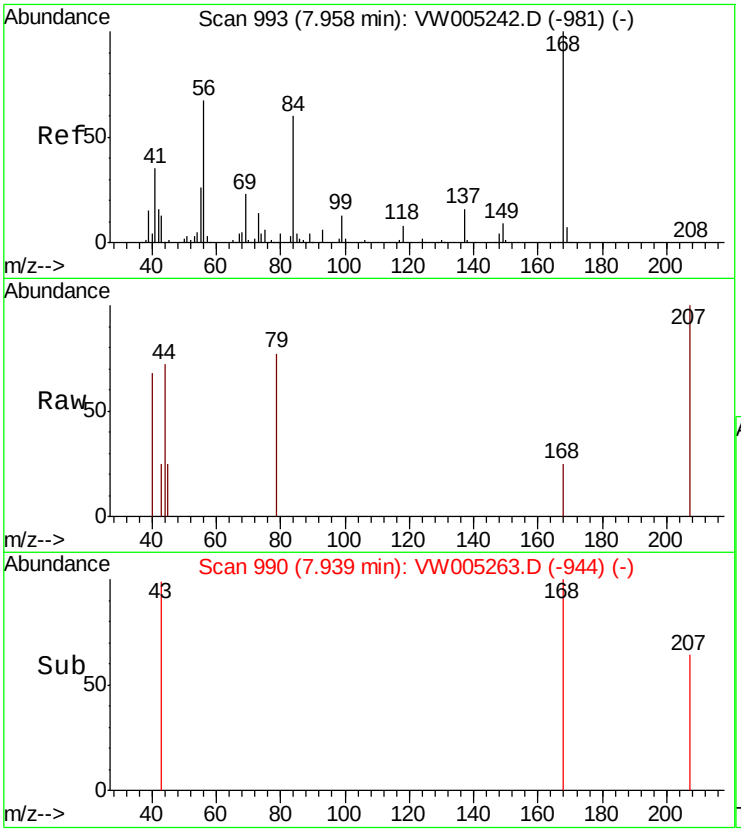
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005263.D
Acq On : 11 Sep 2018 01:08
Operator : SY/AP
Sample : VINYL CHLORIDE2.0PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Quant Time: Sep 11 03:54:24 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



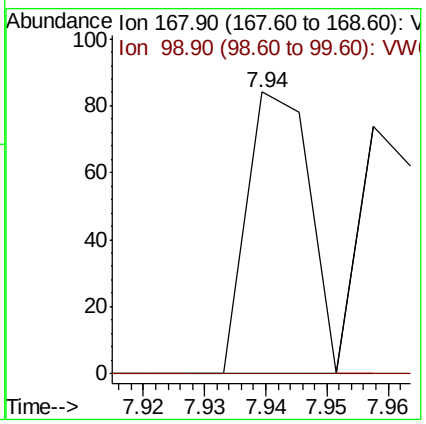


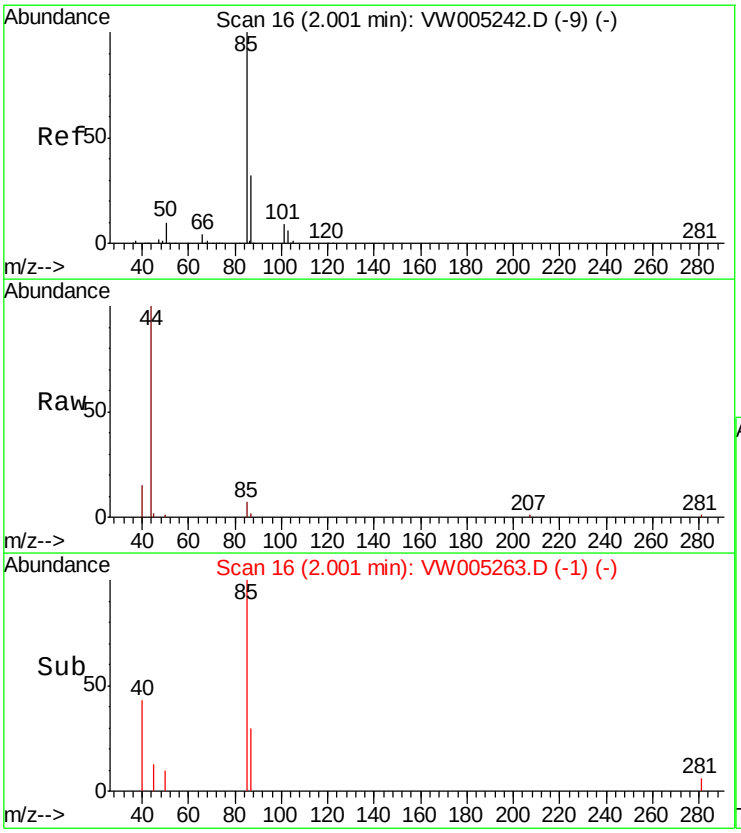
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion:168 Resp: 59

Ion	Ratio	Lower	Upper
168	100		
99	0.0	39.1	58.7#

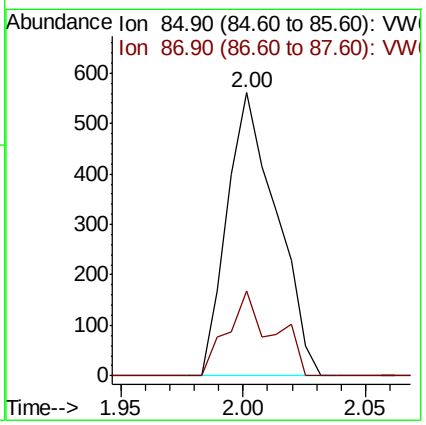


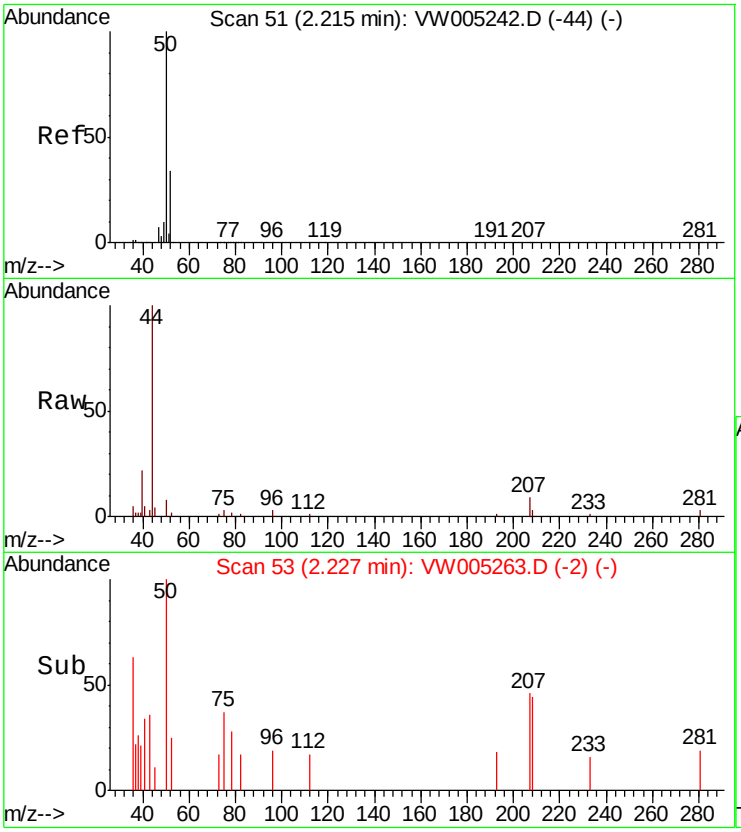


#2
Dichlorodifluoromethane
Concen: 1552.212 ug/l
RT: 2.00 min Scan# 16
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 85 Resp: 790

Ion	Ratio	Lower	Upper
85	100		
87	30.1	16.0	47.9



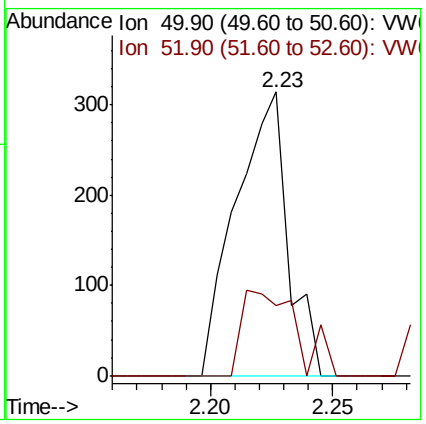


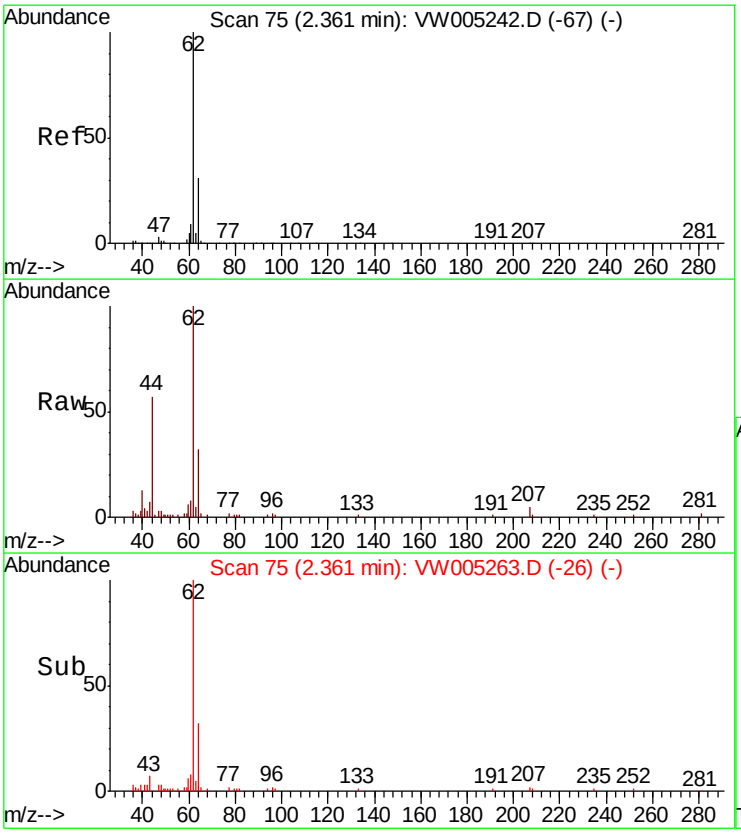
#3
Chloromethane
Concen: 686.324 ug/l
RT: 2.23 min Scan# 53
Delta R.T. 0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 50 Resp: 467

Ion	Ratio	Lower	Upper
50	100		
52	24.8	27.0	40.4#

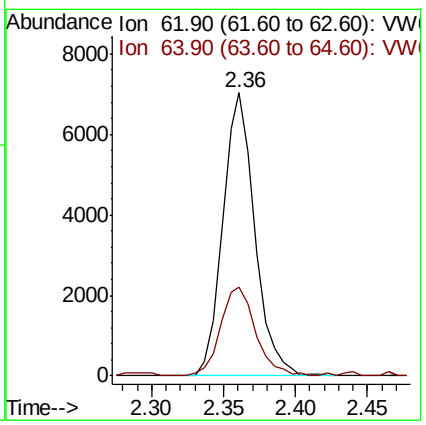


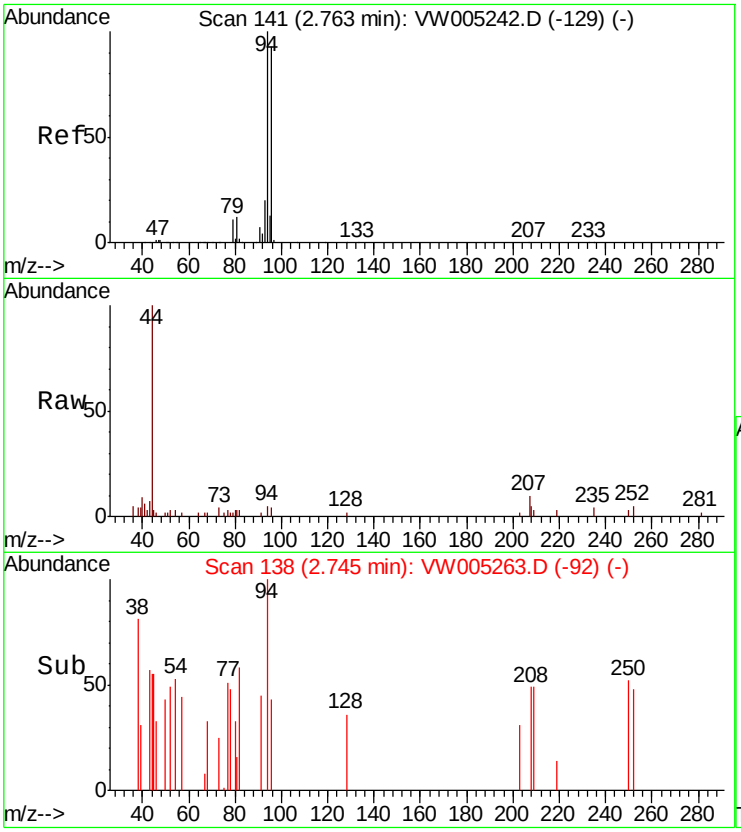


#4
Vinyl Chloride
Concen: 17539.029 ug/l
RT: 2.36 min Scan# 75
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 62 Resp: 10956

Ion	Ratio	Lower	Upper
62	100		
64	31.6	24.6	37.0



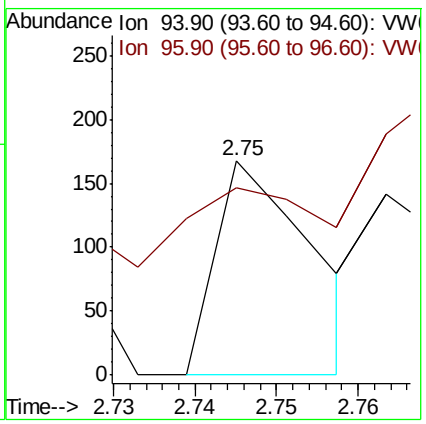


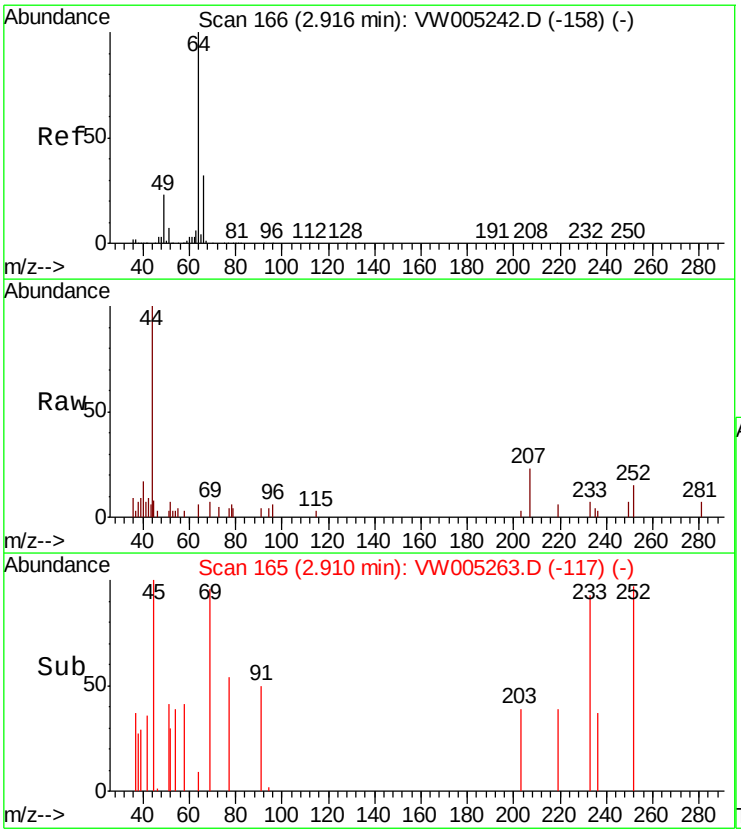
#5
Bromomethane
Concen: 378.536 ug/l
RT: 2.75 min Scan# 138
Delta R.T. -0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 94 Resp: 136

Ion	Ratio	Lower	Upper
94	100		
96	19.0	74.1	111.1#

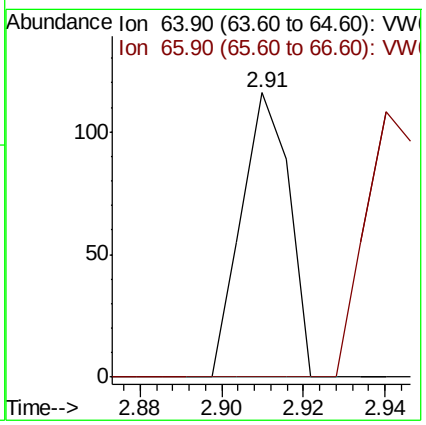


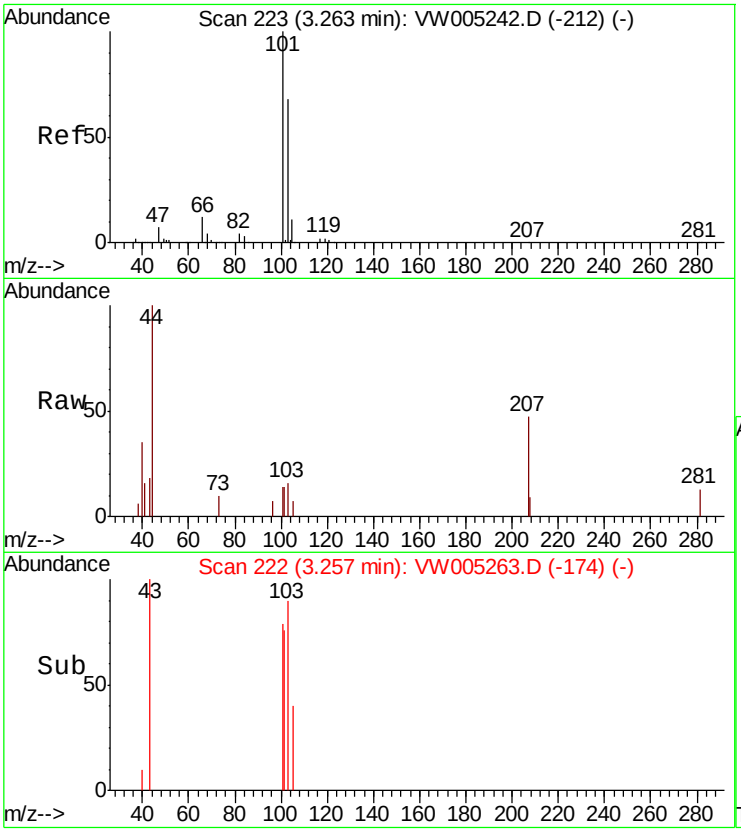


#6
Chloroethane
Concen: 276.088 ug/l
RT: 2.91 min Scan# 165
Delta R.T. -0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 64 Resp: 95

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.3	37.9#



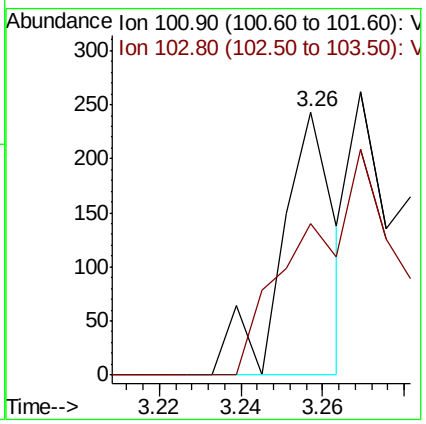


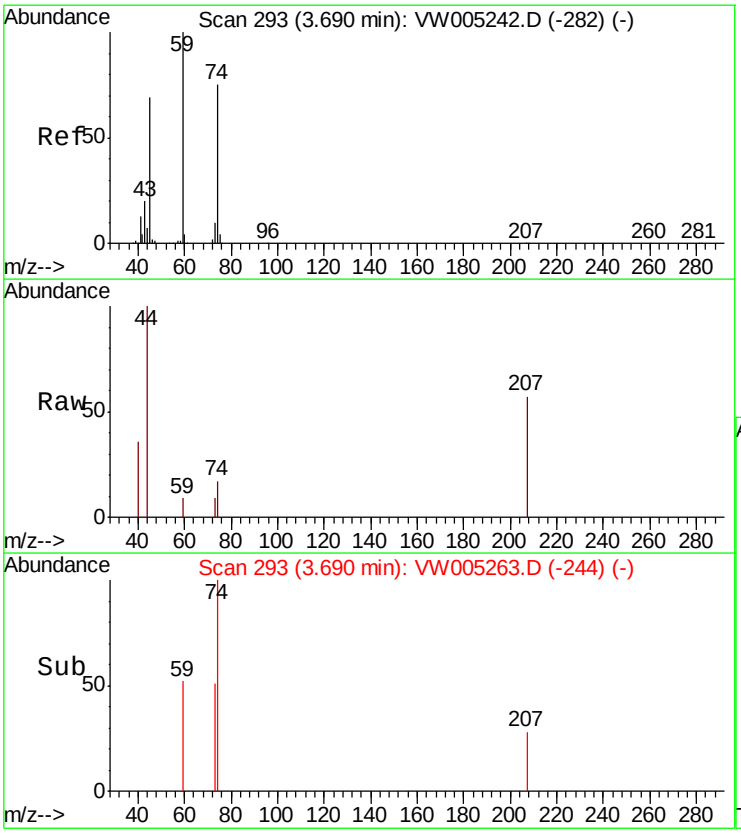
#7
Trichlorofluoromethane
Concen: 308.501 ug/l
RT: 3.26 min Scan# 222
Delta R.T. -0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion:101 Resp: 218

Ion	Ratio	Lower	Upper
101	100		
103	57.6	54.1	81.1

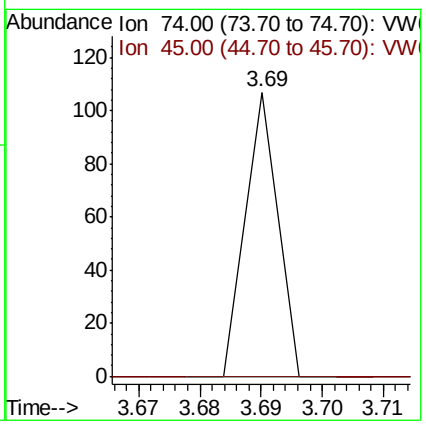


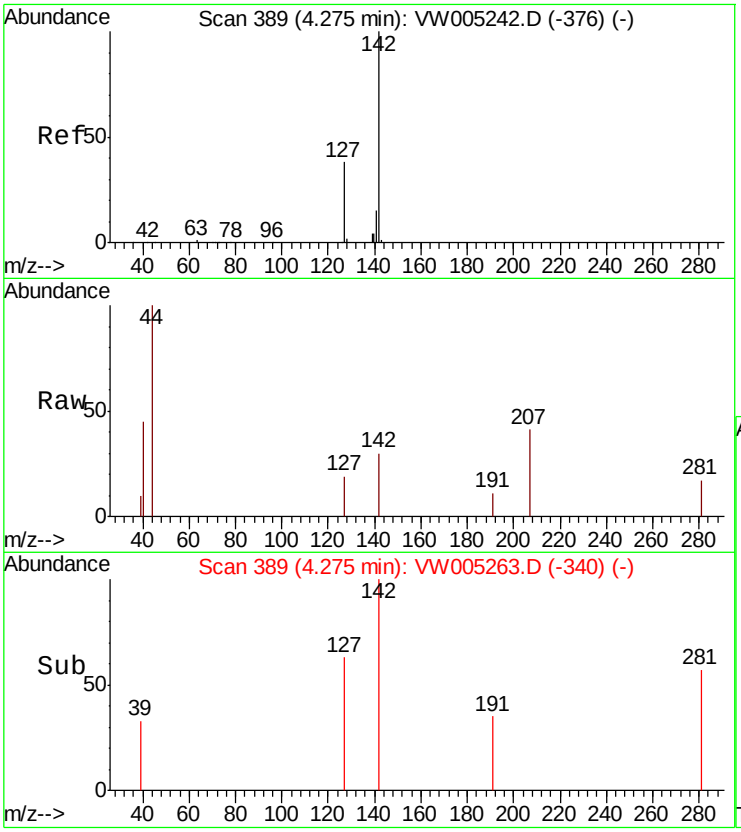


#8
Diethyl Ether
Concen: 154.862 ug/l
RT: 3.69 min Scan# 293
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 74 Resp: 39

Ion	Ratio	Lower	Upper
74	100		
45	0.0	45.1	135.3#



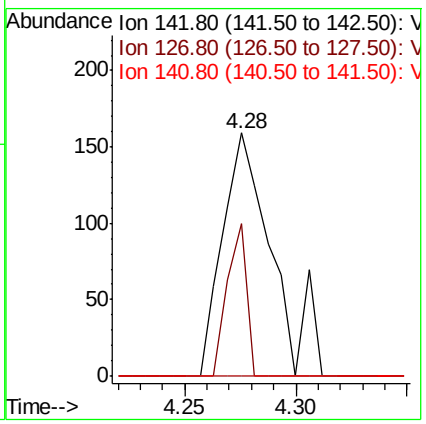


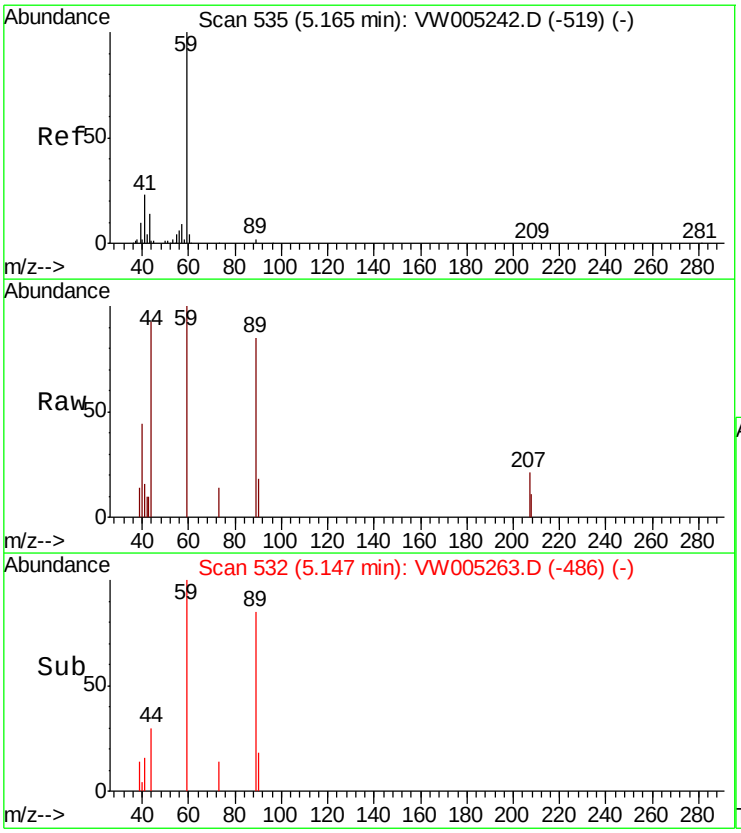
#10
Methyl Iodide
Concen: 370.839 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion:142 Resp: 247

Ion	Ratio	Lower	Upper
142	100		
127	24.3	30.3	45.5#
141	0.0	11.4	17.0#

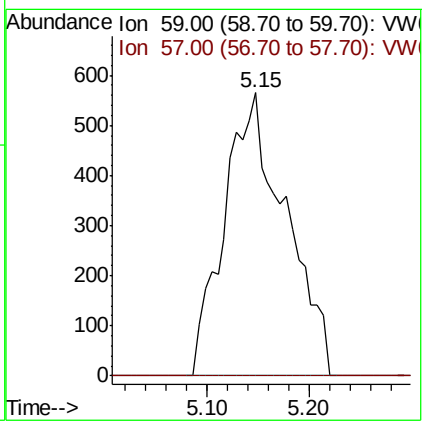


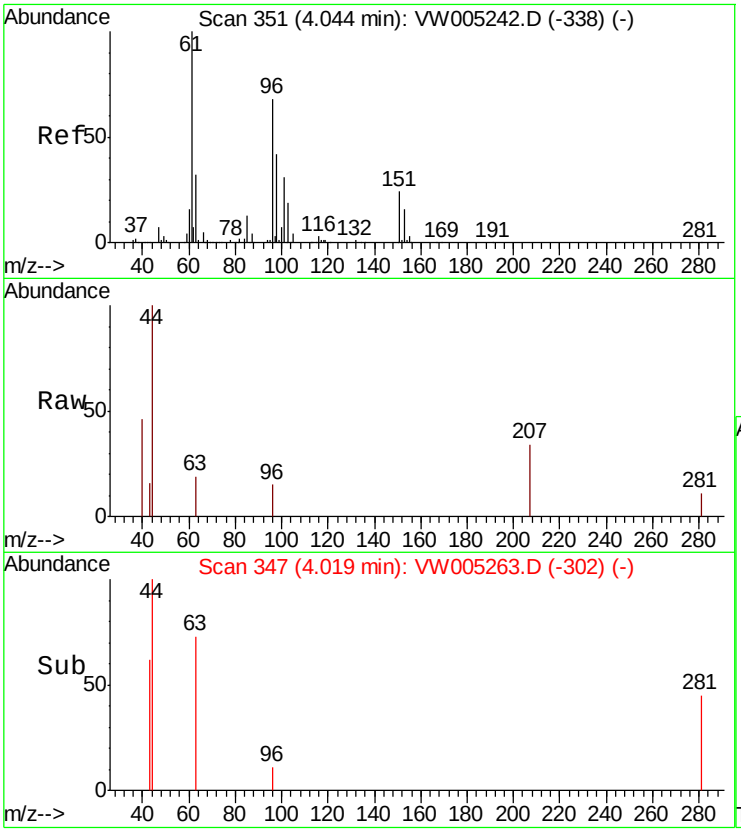


#11
Tert butyl alcohol
Concen: 65284.381 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 59 Resp: 2356

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.1	12.1#



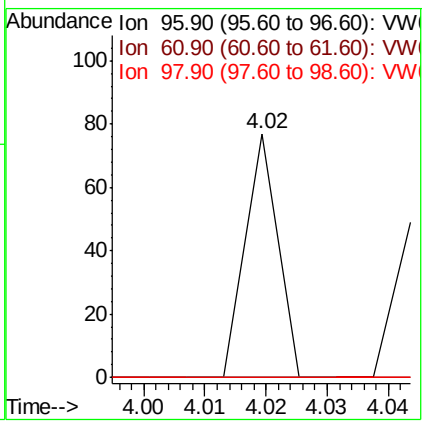


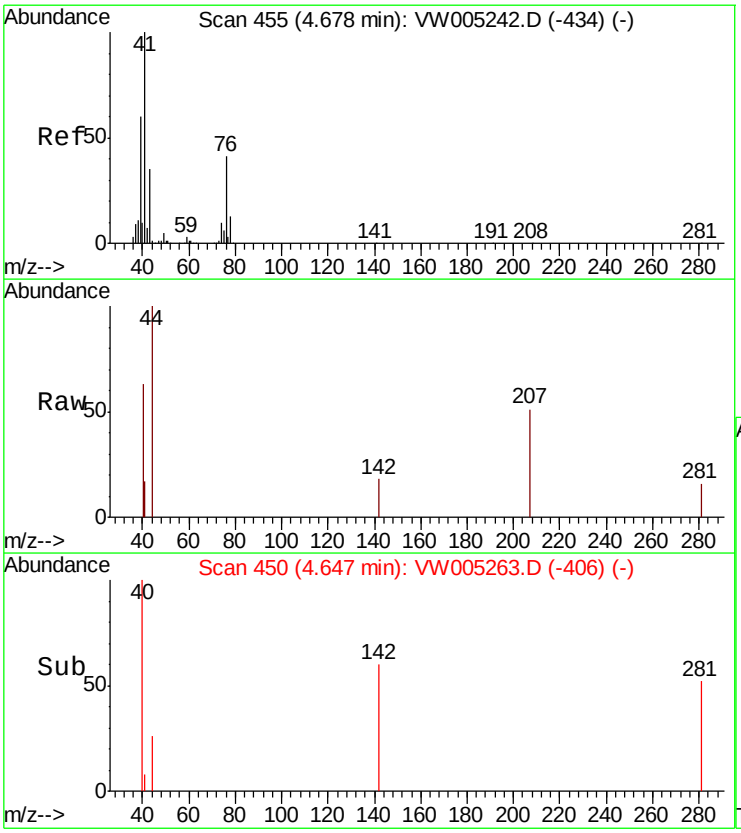
#12
1,1-Dichloroethene
Concen: 60.248 ug/l
RT: 4.02 min Scan# 347
Delta R.T. -0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

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#

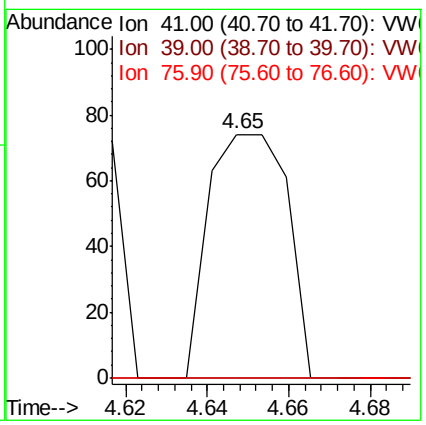


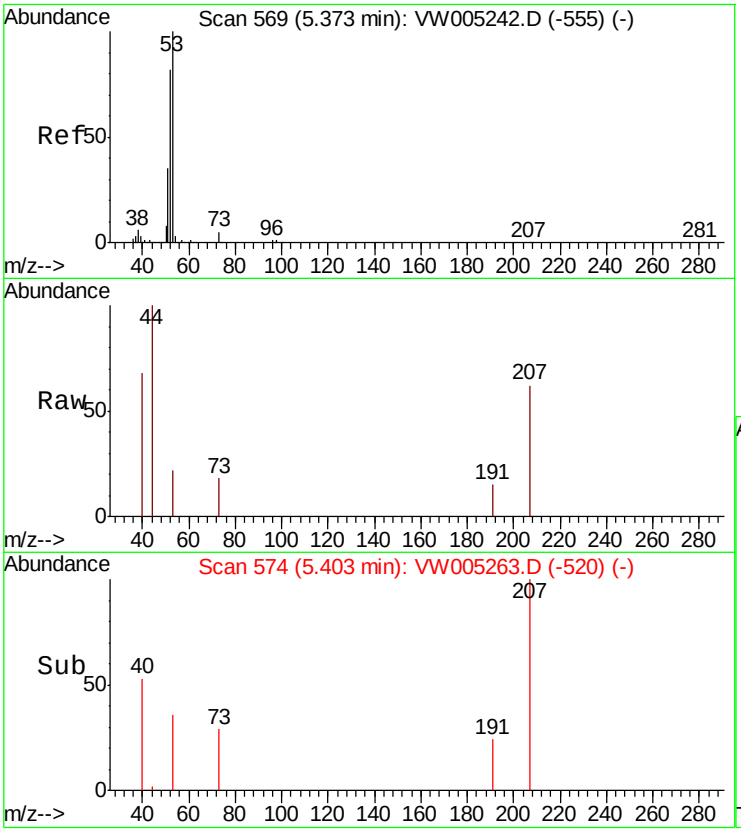


#14
Allyl chloride
Concen: 140.036 ug/l
RT: 4.65 min Scan# 450
Delta R.T. -0.03 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 41 Resp: 100

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



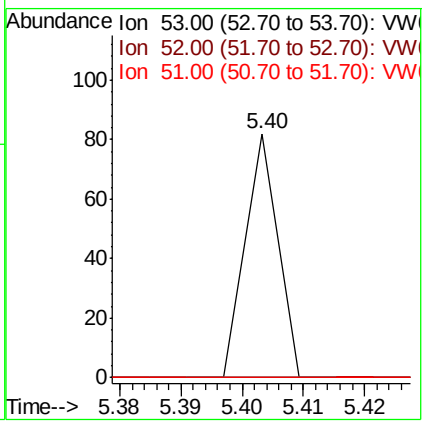


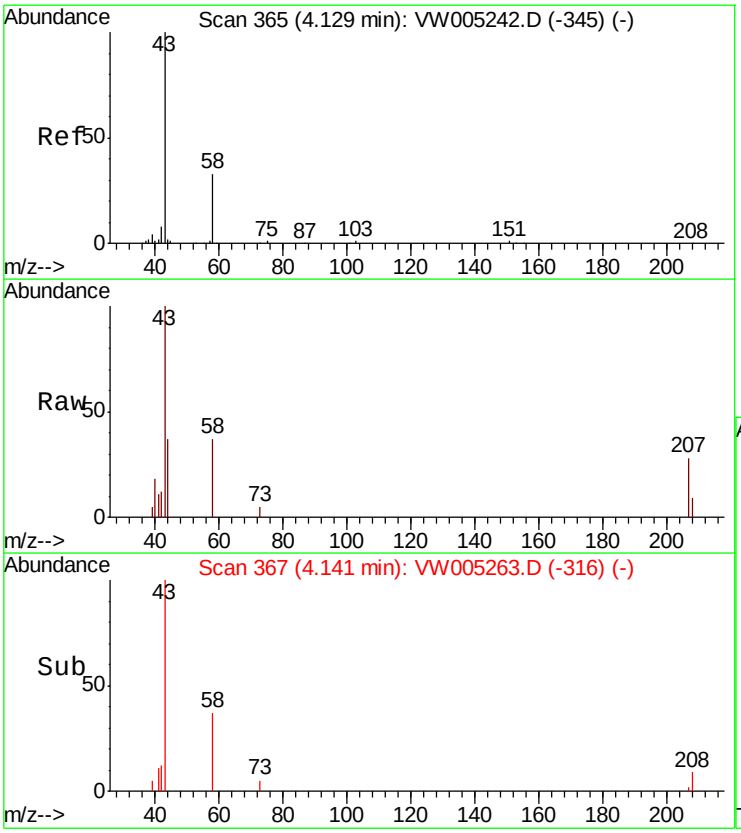
#15
Acrylonitrile
Concen: 264.041 ug/l
RT: 5.40 min Scan# 574
Delta R.T. 0.03 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 53 Resp: 30

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

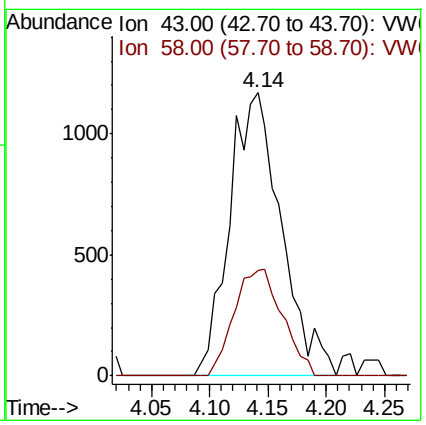


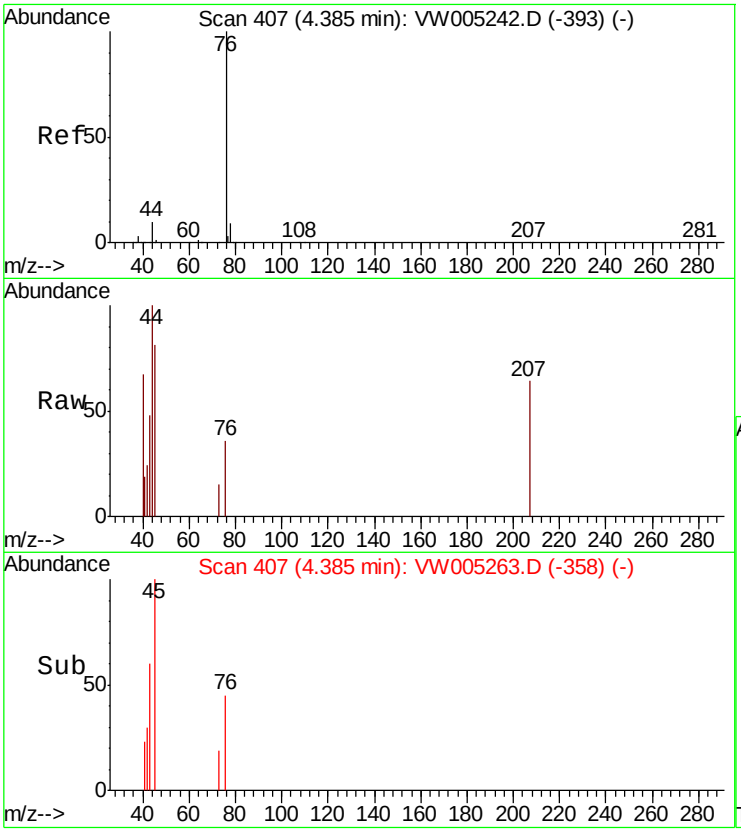


#16
Acetone
Concen: 44416.230 ug/l
RT: 4.14 min Scan# 367
Delta R.T. 0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 43 Resp: 3628

Ion	Ratio	Lower	Upper
43	100		
58	37.4	26.7	40.1



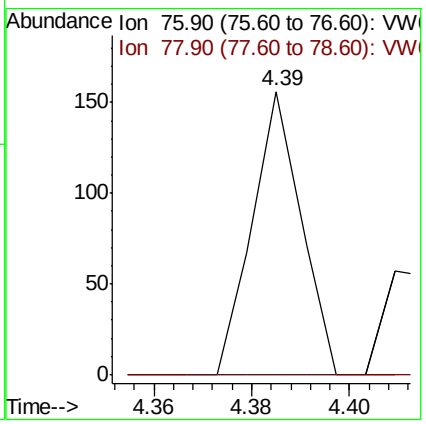


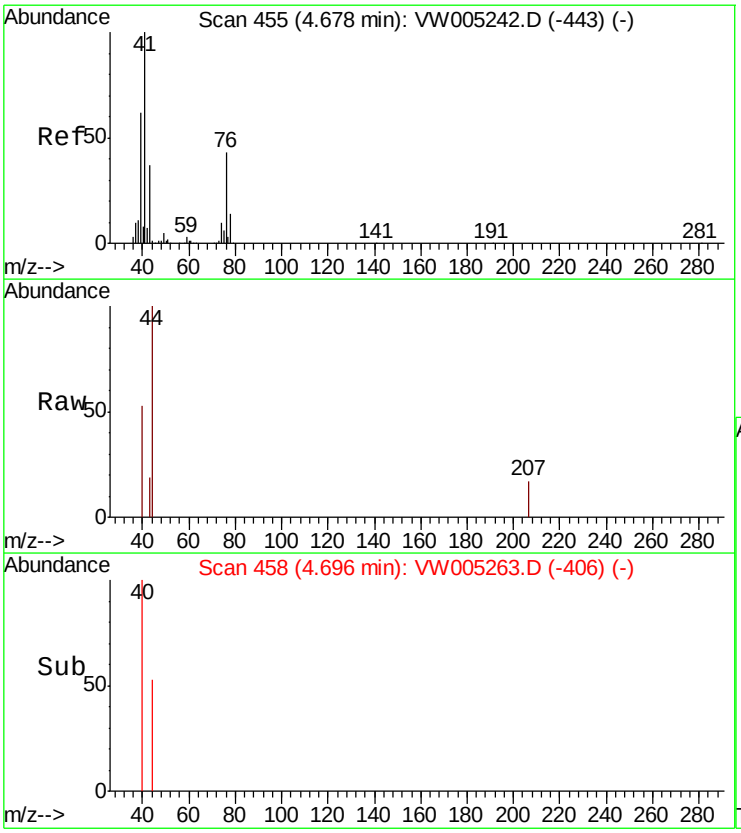
#17
Carbon Disulfide
Concen: 66.204 ug/l
RT: 4.39 min Scan# 407
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 76 Resp: 108

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#

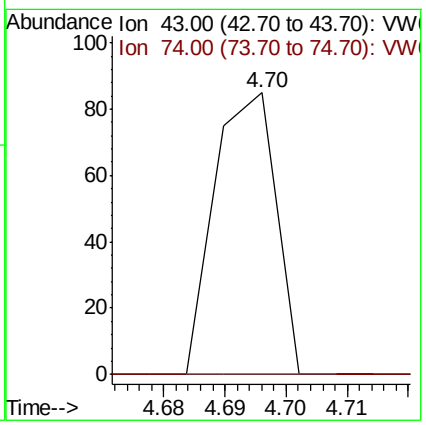


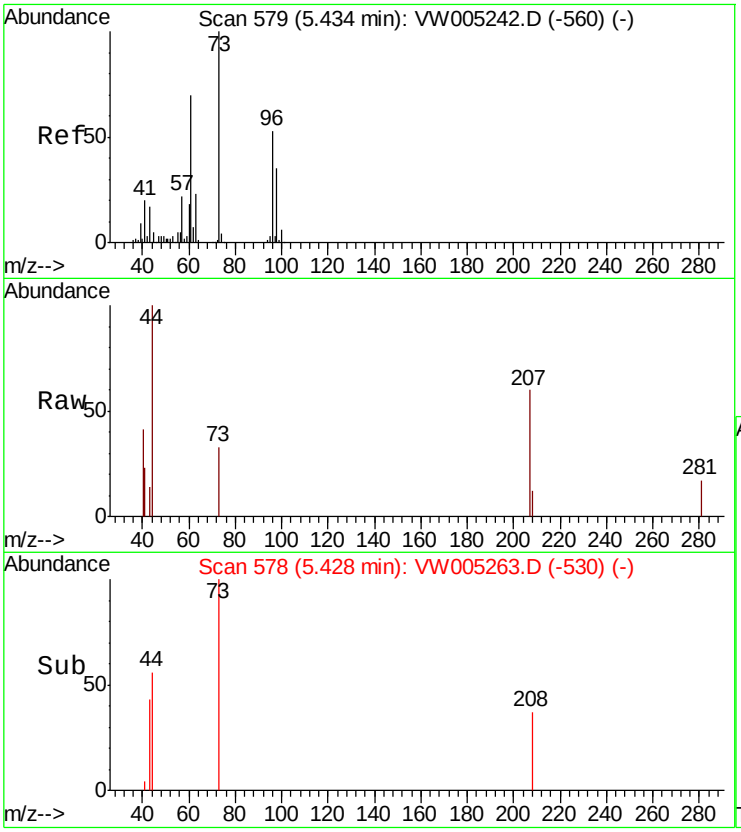


#18
Methyl Acetate
Concen: 241.970 ug/l
RT: 4.70 min Scan# 458
Delta R.T. 0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 43 Resp: 59

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.4	32.2#



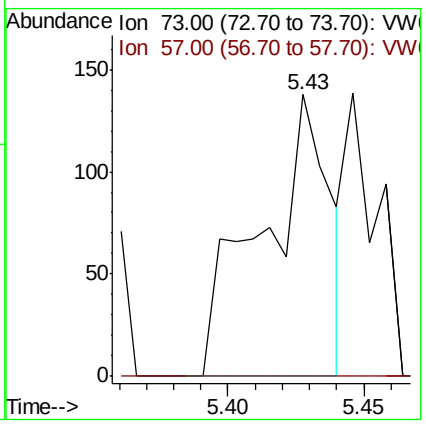


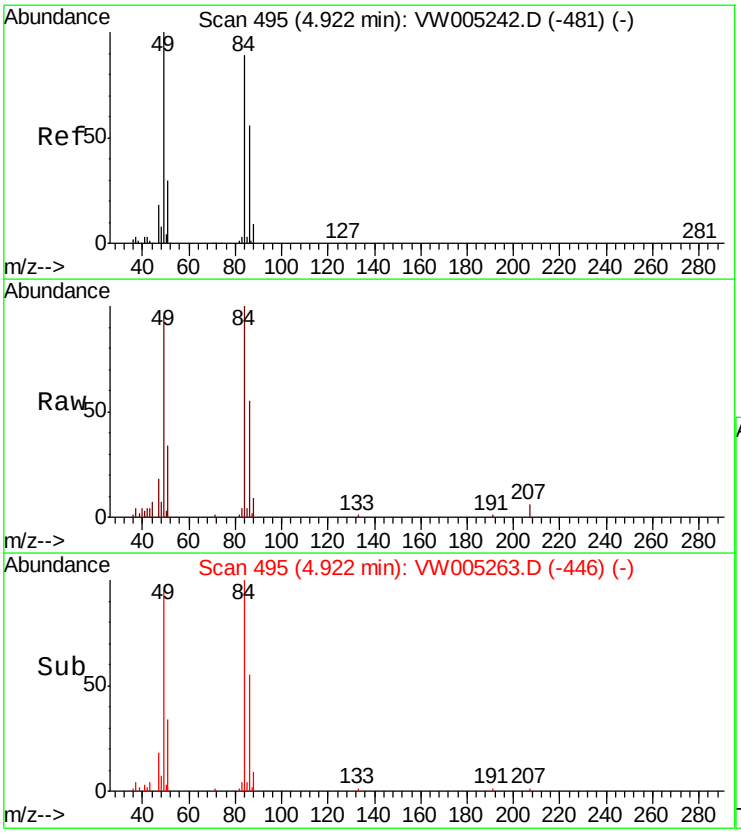
#19
Methyl tert-butyl Ether
Concen: 216.814 ug/l
RT: 5.43 min Scan# 578
Delta R.T. -0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 73 Resp: 240

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.2#

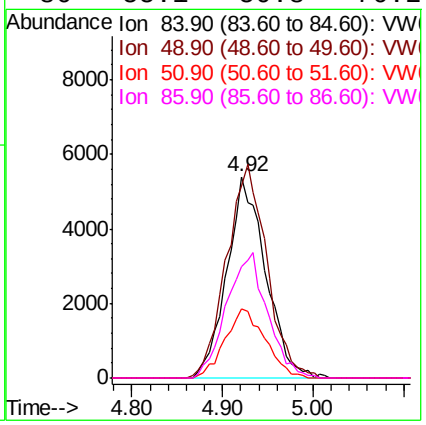


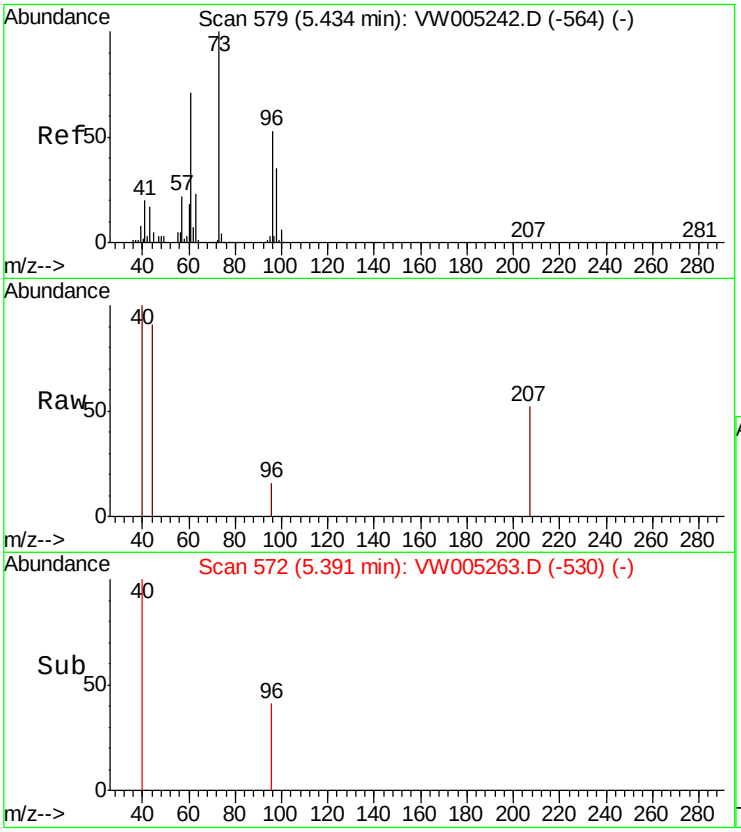


#20
Methylene Chloride
Concen: 28166.214 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 84 Resp: 15974

Ion	Ratio	Lower	Upper
84	100		
49	95.0	90.3	135.5
51	34.1	26.9	40.3
86	55.1	50.8	76.2



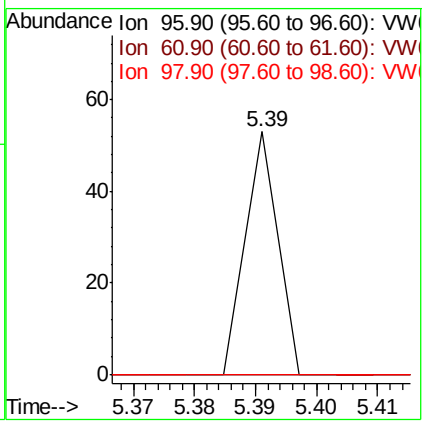


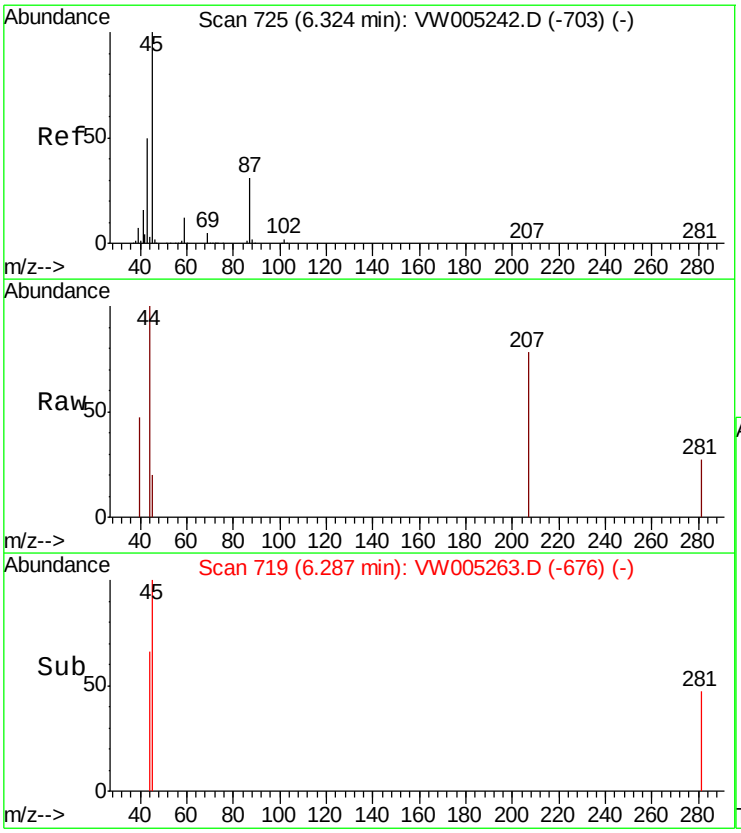
#21
trans-1,2-Dichloroethene
Concen: 35.014 ug/l
RT: 5.39 min Scan# 572
Delta R.T. -0.04 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 96 Resp: 19

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

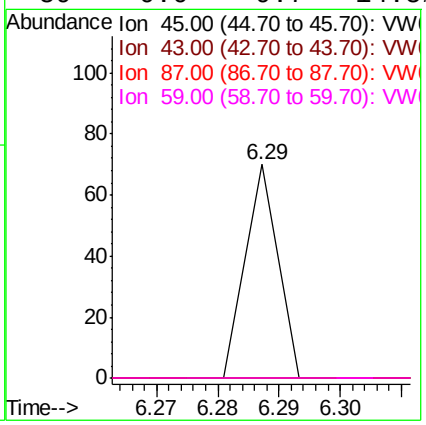


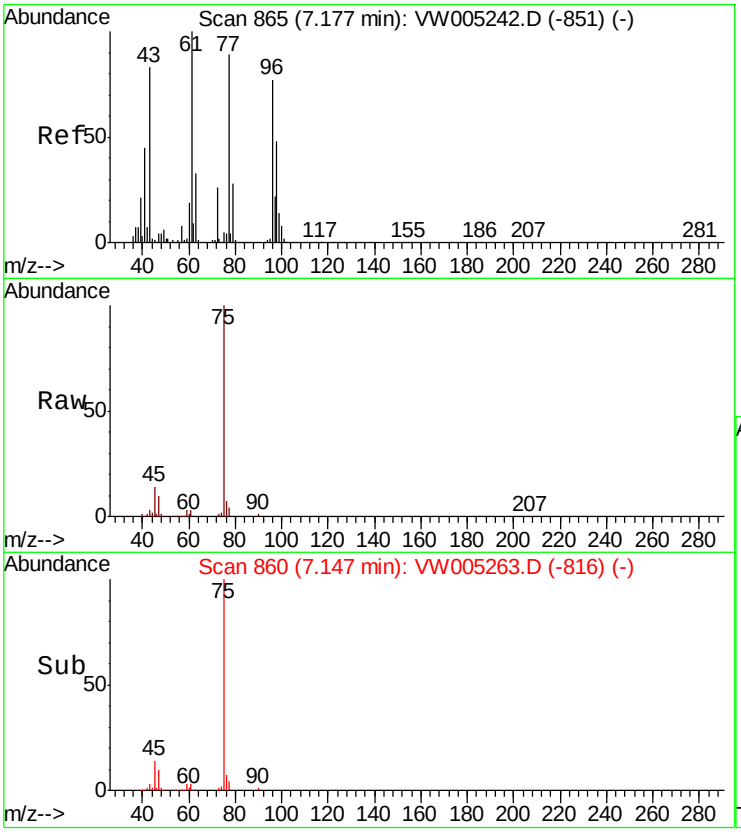


#22
Diisopropyl ether
Concen: 18.085 ug/l
RT: 6.29 min Scan# 719
Delta R.T. -0.04 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 45 Resp: 26

Ion	Ratio	Lower	Upper
45	100		
43	0.0	39.6	59.4#
87	0.0	24.7	37.1#
59	0.0	9.7	14.5#



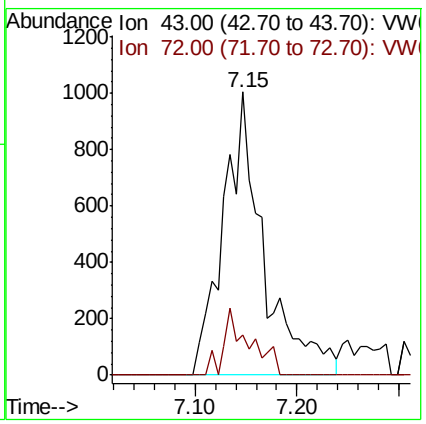


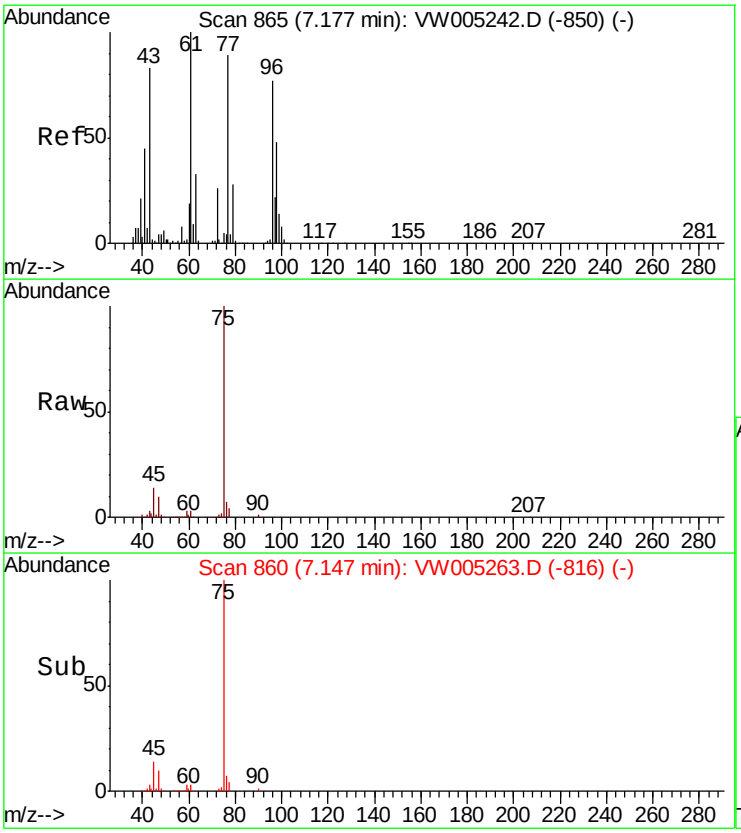
#25
2-Butanone
Concen: 21468.271 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
72	14.0	25.0	37.6#

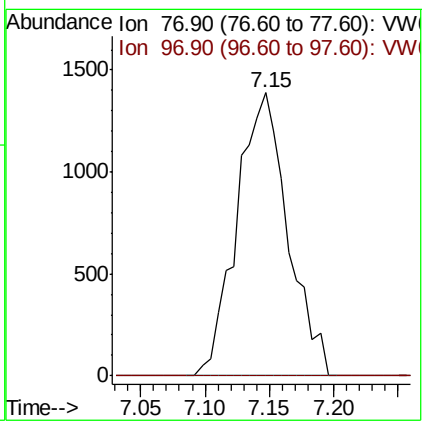


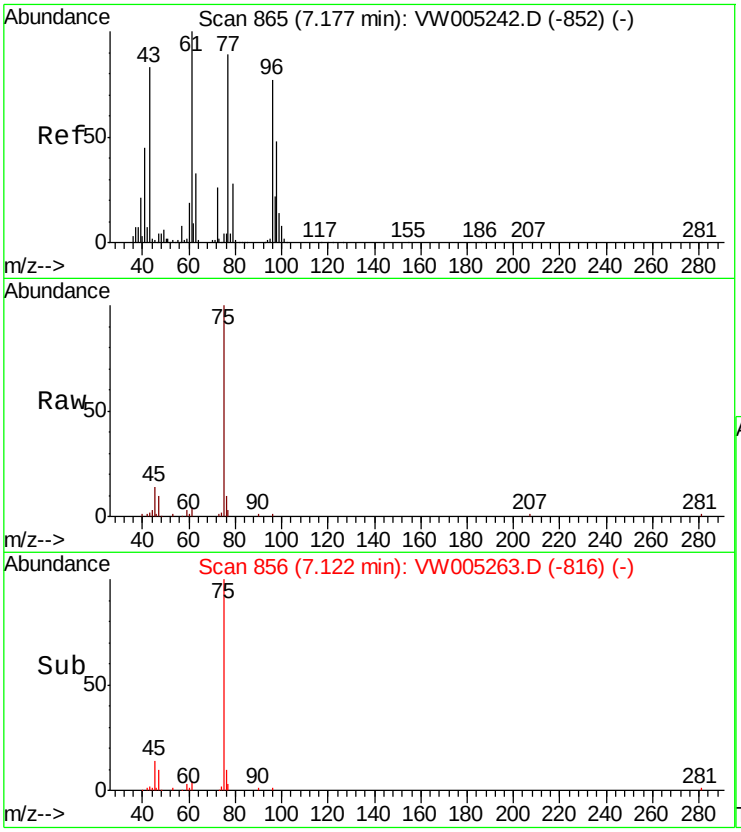


#26
2,2-Dichloropropane
Concen: 4974.714 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 77 Resp: 3817

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.2	36.6#



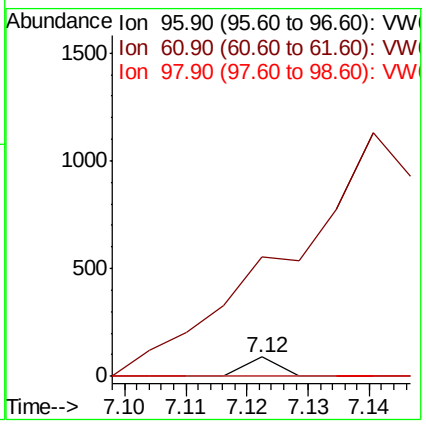


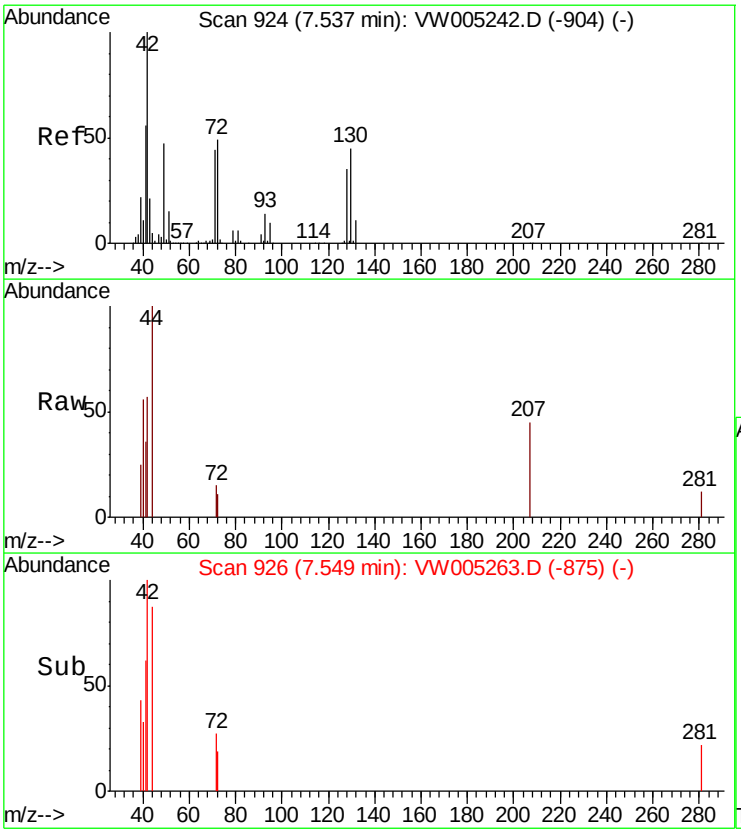
#27
cis-1,2-Dichloroethene
Concen: 56.824 ug/l
RT: 7.12 min Scan# 856
Delta R.T. -0.05 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 96 Resp: 33

Ion	Ratio	Lower	Upper
96	100		
61	8639.4	0.0	273.4#
98	0.0	0.0	127.8

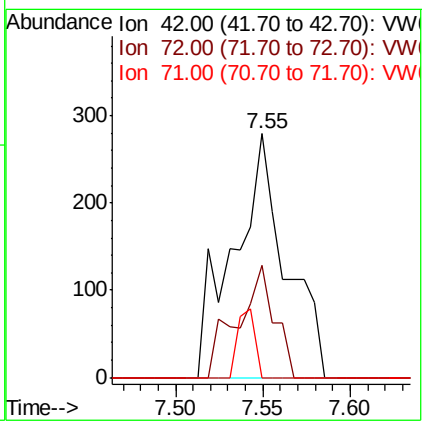


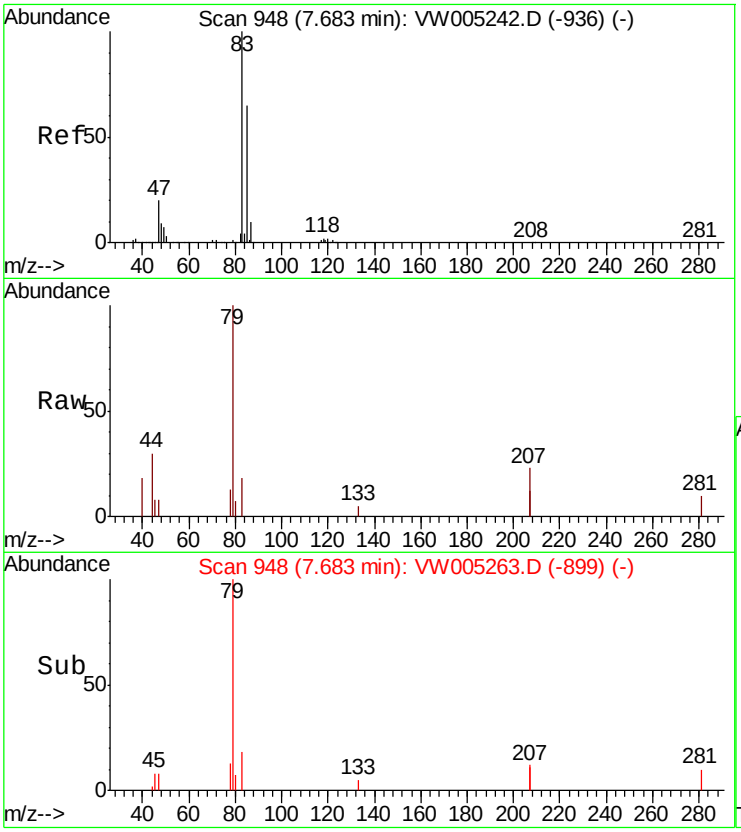


#29
Tetrahydrofuran
Concen: 6703.071 ug/l
RT: 7.55 min Scan# 926
Delta R.T. 0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 42 Resp: 582

Ion	Ratio	Lower	Upper
42	100		
72	32.8	37.5	56.3#
71	9.5	34.8	52.2#



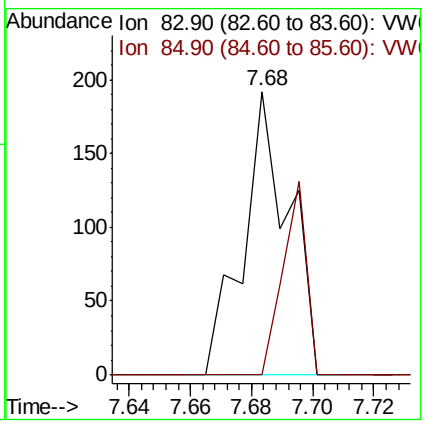


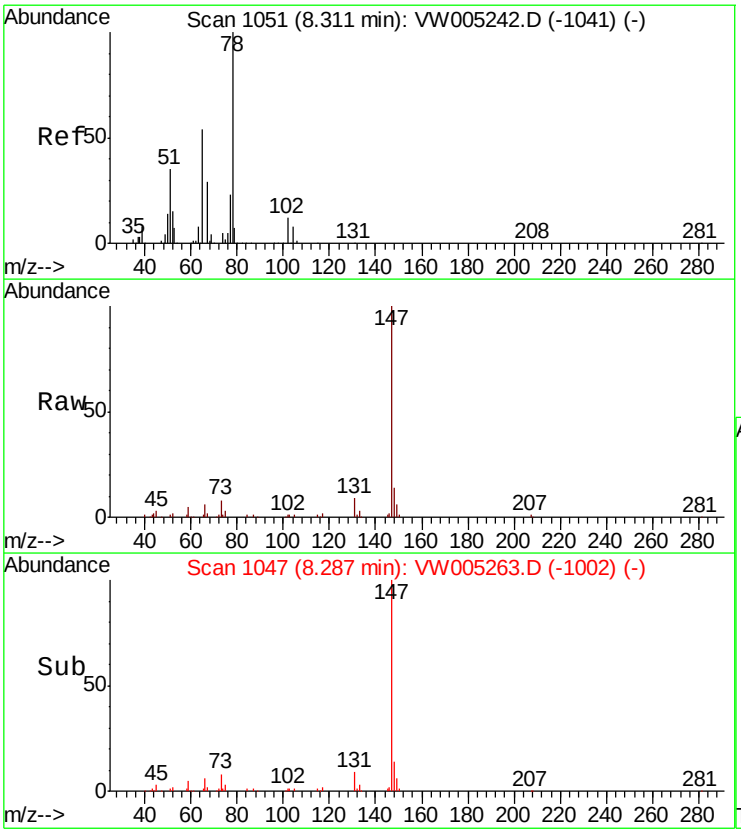
#30
Chloroform
Concen: 225.197 ug/l
RT: 7.68 min Scan# 948
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 83 Resp: 200

Ion	Ratio	Lower	Upper
83	100		
85	0.0	51.7	77.5#

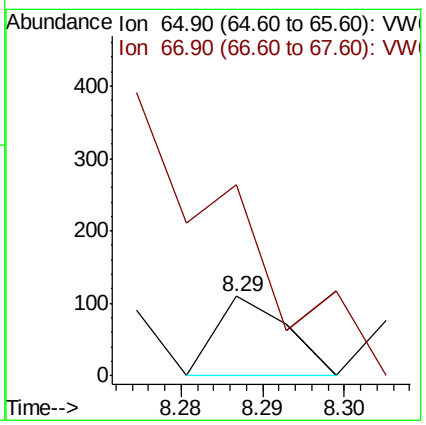


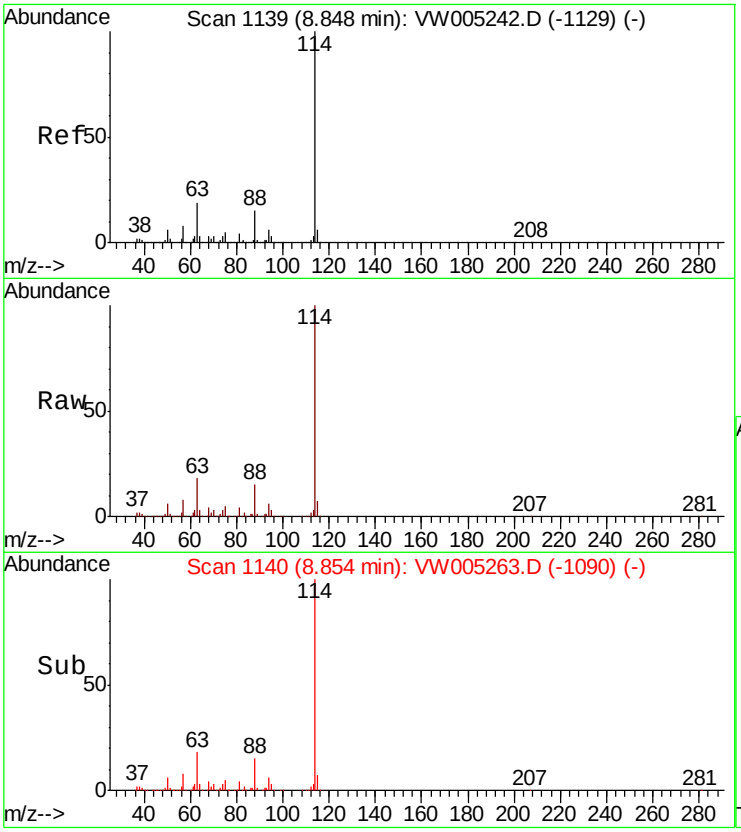


#33
1,2-Dichloroethane-d4
Concen: 149.980 ug/l
RT: 8.29 min Scan# 1047
Delta R.T. -0.02 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 65 Resp: 66

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	112.2



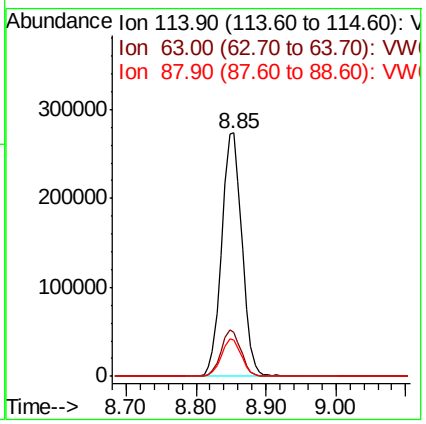


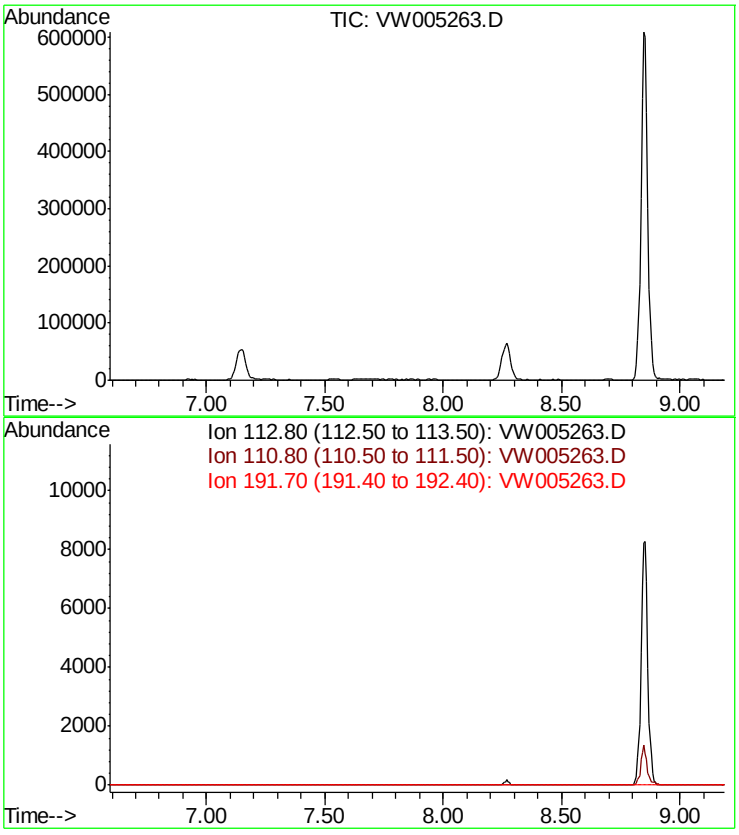
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion:114 Resp: 551659

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	37.0
88	14.9	0.0	30.4



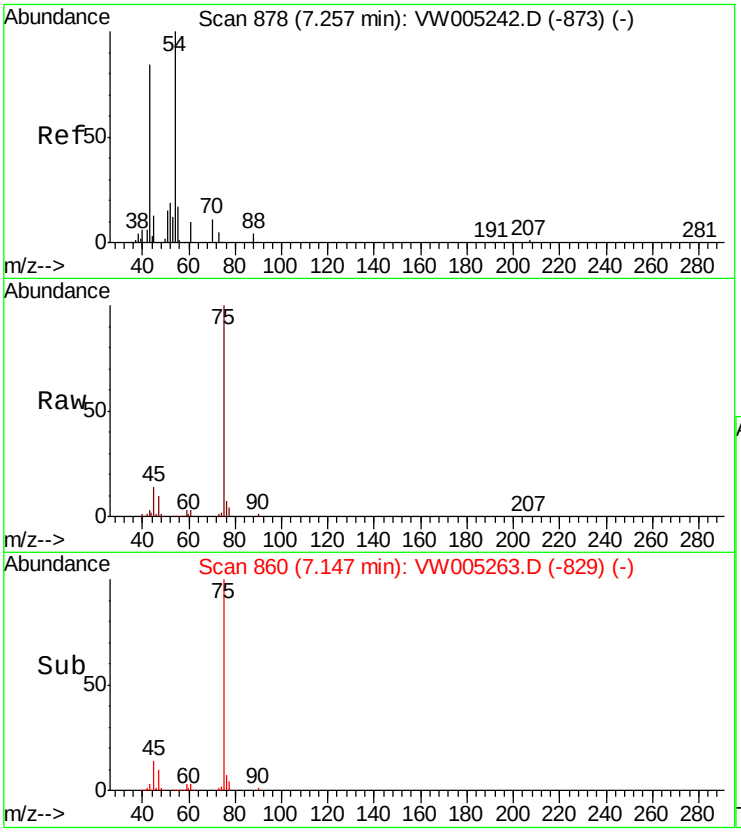


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.89 min

Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	100.8
192	22.9

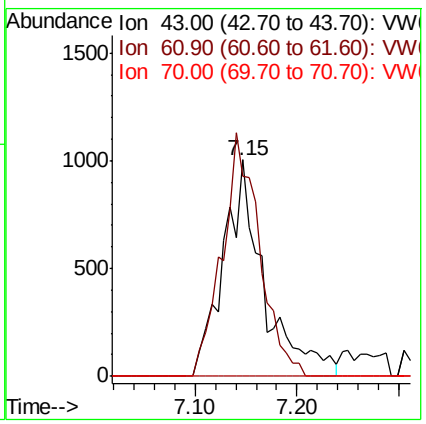


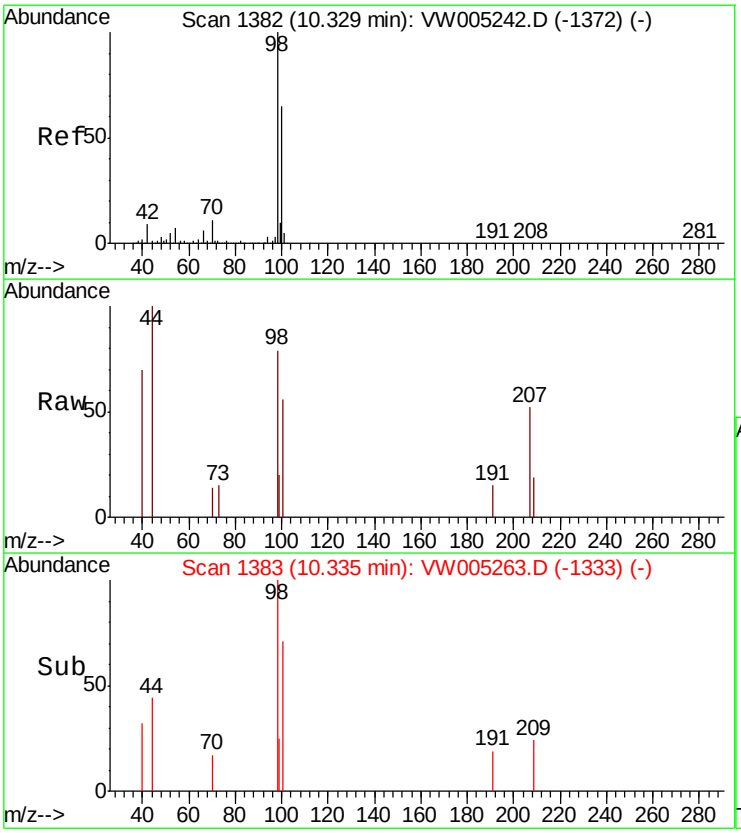
#37
Ethyl Acetate
Concen: 1.439 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.11 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 43 Resp: 2766

Ion	Ratio	Lower	Upper
43	100		
61	103.1	12.3	18.5#
70	0.0	9.5	14.3#

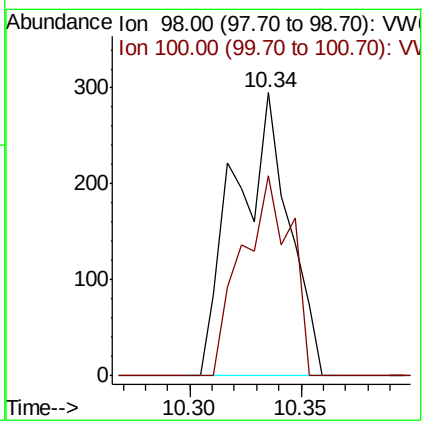


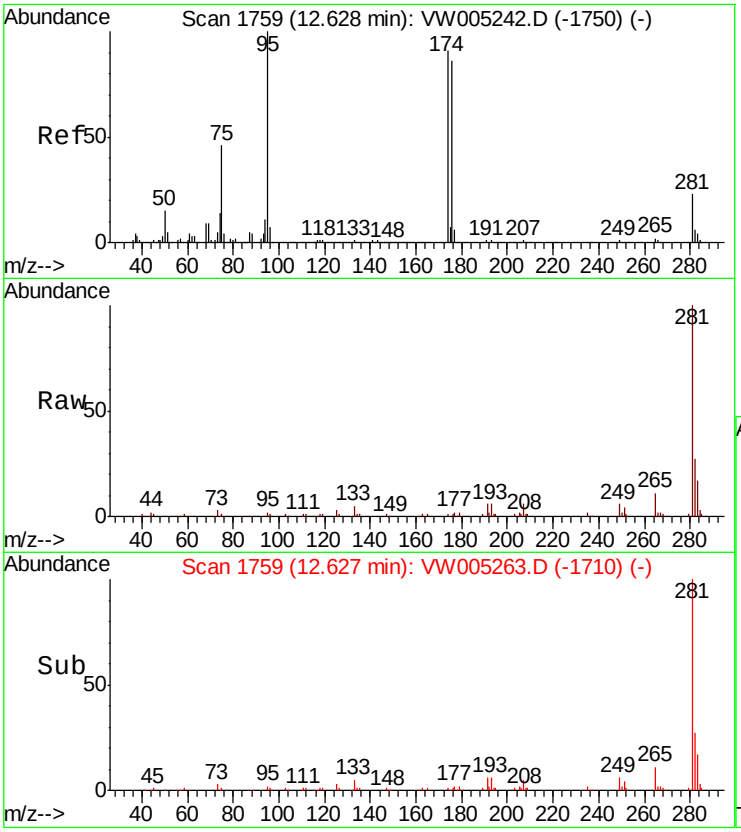


#50
Toluene-d8
Concen: 0.034 ug/l
RT: 10.34 min Scan# 1383
Delta R.T. 0.01 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion: 98 Resp: 496

Ion	Ratio	Lower	Upper
98	100		
100	64.1	52.0	78.0



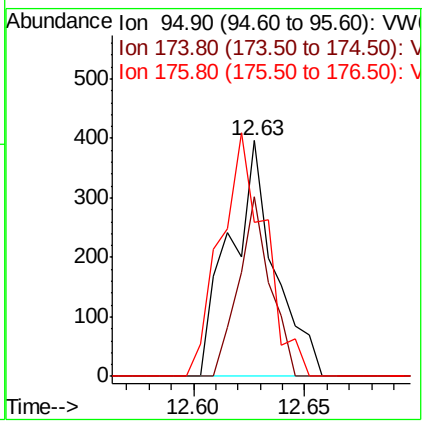


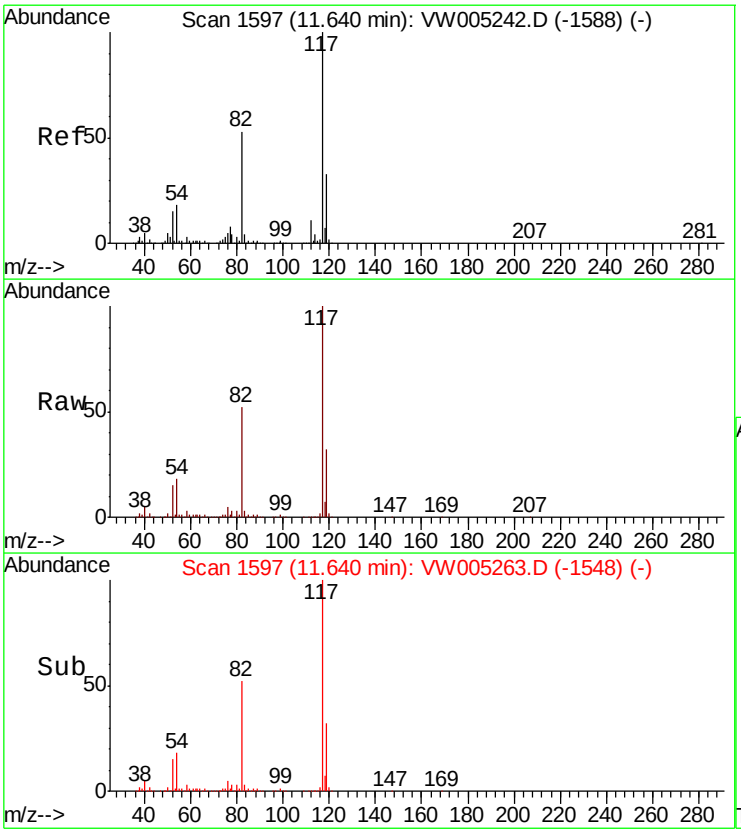
#62
4-Bromofluorobenzene
Concen: 0.104 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion: 95 Resp: 555

Ion	Ratio	Lower	Upper
95	100		
174	54.1	0.0	174.6
176	103.1	0.0	167.6

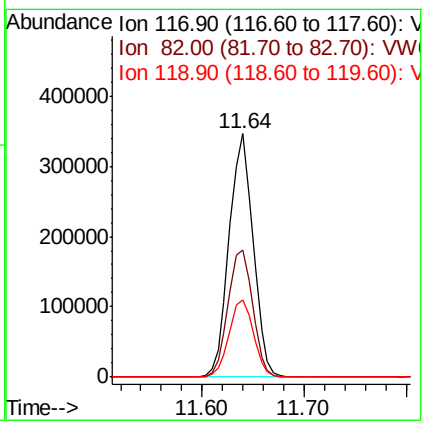


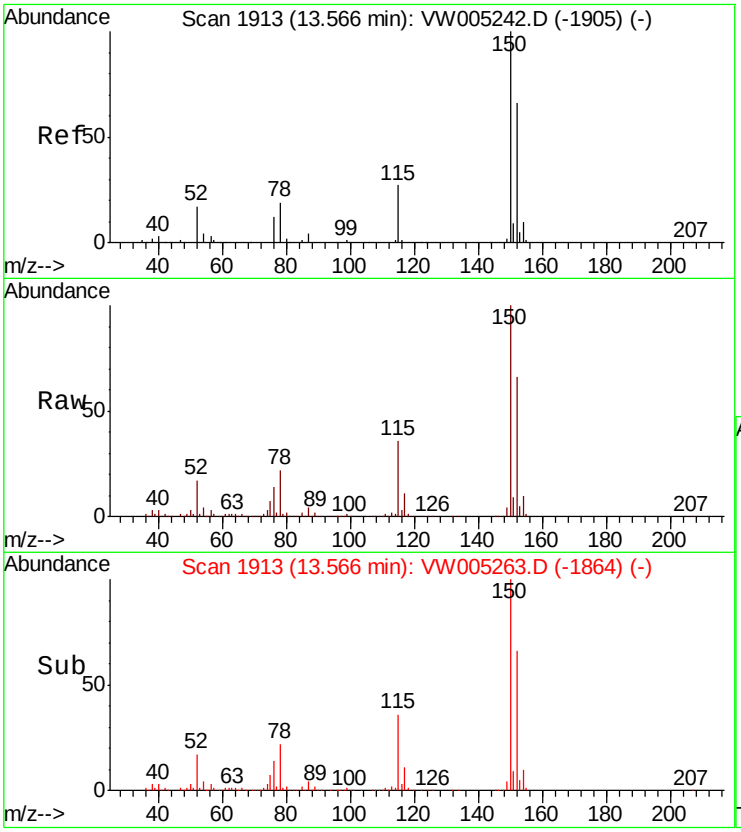


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. -0.00 min
Lab File: VW005263.D
Acq: 11 Sep 2018 01:08

Tgt Ion:117 Resp: 561391

Ion	Ratio	Lower	Upper
117	100		
82	52.3	42.6	63.8
119	31.8	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: VW005263.D
Acq: 11 Sep 2018 01:08

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE2.0PPB

Tgt Ion:152 Resp: 284453

Ion	Ratio	Lower	Upper
152	100		
115	55.9	27.5	82.4
150	155.7	0.0	347.4