Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005261.D
Acq On : 11 Sep 2018 00:17
Operator : SY/AP
Sample : VINYL CHLORIDE 0.4PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : VINYL CHLORIDE 0.4PPB

Quant Time: Sep 11 03:53:58 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	221	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	615406	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.64	117	630778	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	314116	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	253	153.49	ug/l	0.00
Spiked Amount 50.000			Recovery = 306.98%			
35) Dibromofluoromethane	0.00	113	0	0.00	ug/l	
Spiked Amount 50.000			Recovery = 0.00%			
50) Toluene-d8	10.32	98	948	0.06	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.12%			
62) 4-Bromofluorobenzene	12.63	95	696	0.12	ug/l	0.00
Spiked Amount 50.000			Recovery = 0.24%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.00	85	619	324.694	ug/l	89
3) Chloromethane	2.21	50	380	149.093	ug/l #	83
4) Vinyl Chloride	2.36	62	3297	1409.069	ug/l	98
5) Bromomethane	2.78	94	483	358.736	ug/l	90
6) Chloroethane	2.89	64	120	93.103	ug/l #	1
7) Trichlorofluoromethane	3.27	101	465	175.676	ug/l #	77
8) Diethyl Ether	3.70	74	41	43.464	ug/l #	1
10) Methyl Iodide	4.28	142	135	56.952	ug/l #	58
11) Tert butyl alcohol	5.15	59	3058	22622.012	ug/l #	82
12) 1,1-Dichloroethene	4.04	96	23	13.212	ug/l #	1
13) Acrolein	3.94	56	29	222.091	ug/l #	14
14) Allyl chloride	4.67	41	50	18.693	ug/l #	26
15) Acrylonitrile	5.39	53	21	49.343	ug/l #	1
16) Acetone	4.15	43	4152	13570.364	ug/l	98
17) Carbon Disulfide	4.41	76	335	54.824	ug/l #	74
18) Methyl Acetate	4.69	43	50	54.744	ug/l #	48
19) Methyl tert-butyl Ether	5.45	73	67	16.159	ug/l #	54
20) Methylene Chloride	4.93	84	18086	8511.215	ug/l	94
21) trans-1,2-Dichloroethene	5.45	96	33	16.236	ug/l #	1
23) Vinyl Acetate	6.31	43	21	6.997	ug/l #	71
25) 2-Butanone	7.14	43	3654	7571.347	ug/l #	82
26) 2,2-Dichloropropane	7.15	77	4929	1715.002	ug/l #	51
27) cis-1,2-Dichloroethene	7.18	96	98	45.051	ug/l #	1
28) Bromochloromethane	7.65	49	19	15.537	ug/l #	6
29) Tetrahydrofuran	7.54	42	503	1546.602	ug/l #	67
30) Chloroform	7.68	83	233	70.040	ug/l #	71
31) Cyclohexane	7.96	56	27	7.655	ug/l #	14
32) 1,1,1-Trichloroethane	7.88	97	63	20.963	ug/l #	24

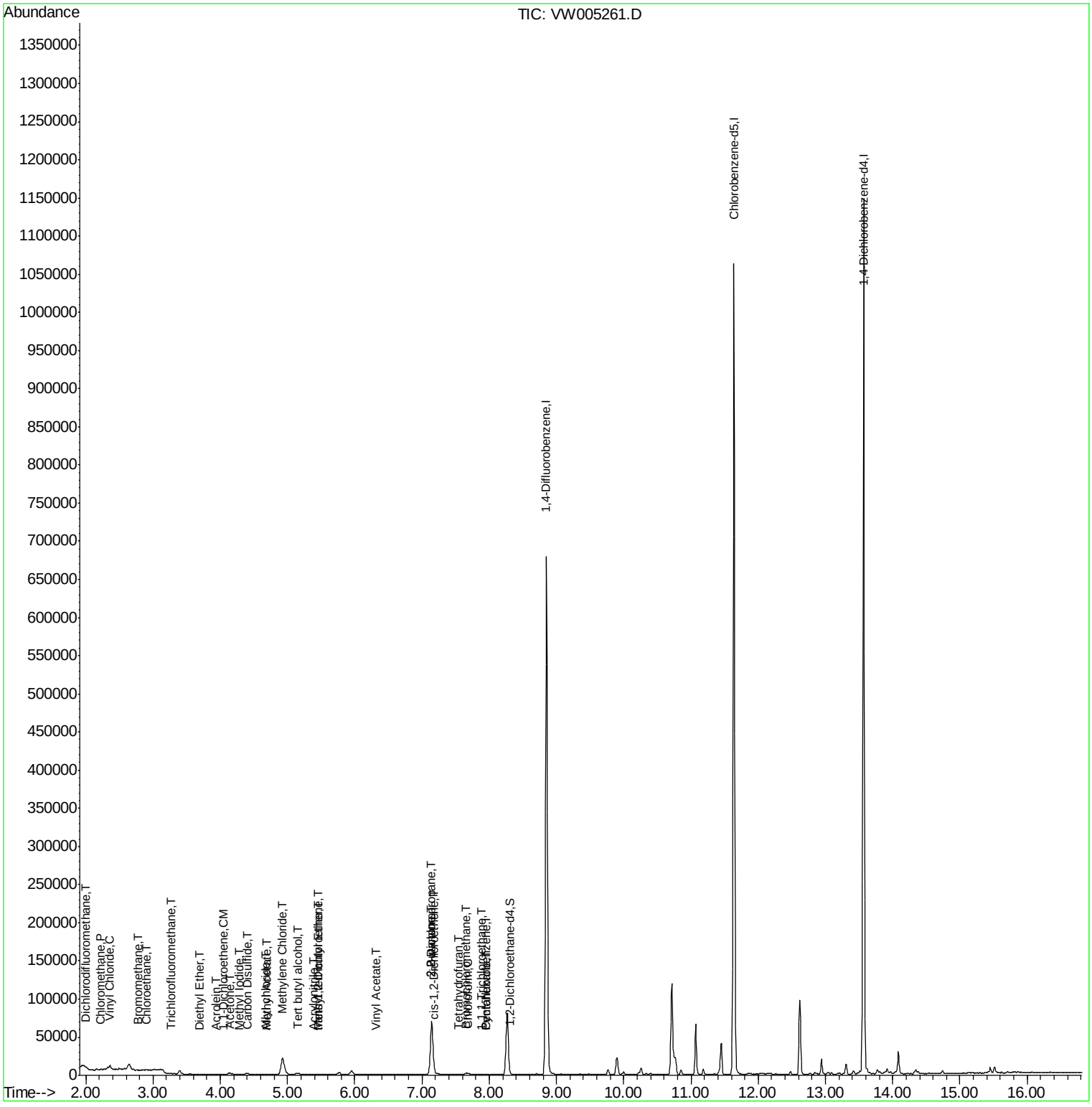
(#) = qualifier out of range (m) = manual integration (+) = signals summed

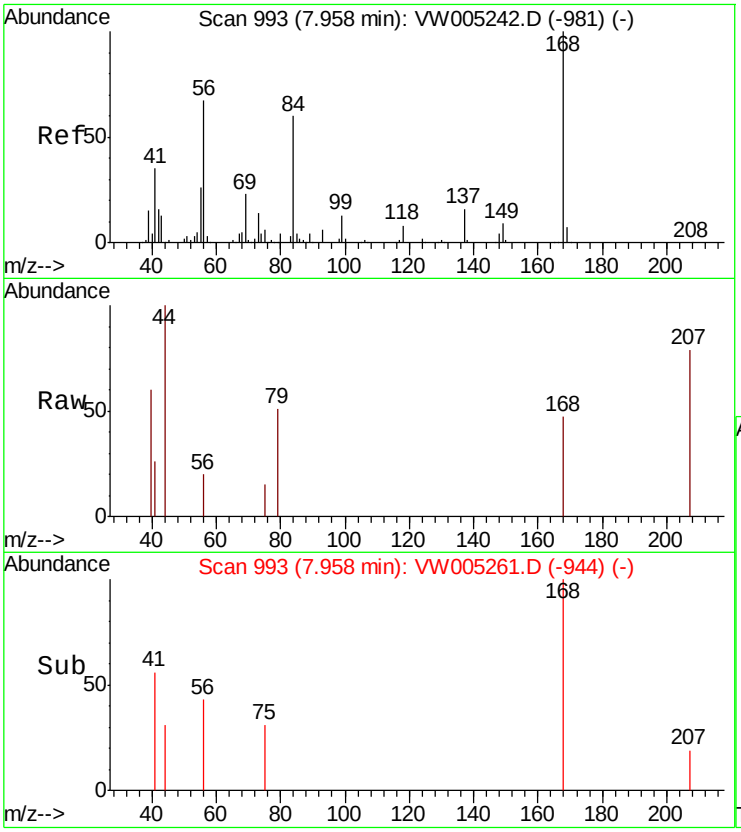
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW091018\
Data File : VW005261.D
Acq On : 11 Sep 2018 00:17
Operator : SY/AP
Sample : VINYL CHLORIDE 0.4PPB
Misc : 5.00G/5ML/MSVOA_W/SOIL
ALS Vial : 28 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Quant Time: Sep 11 03:53:58 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



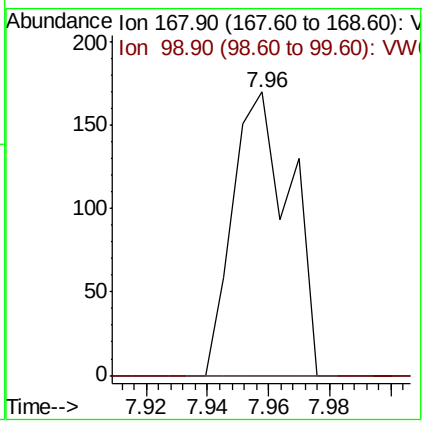


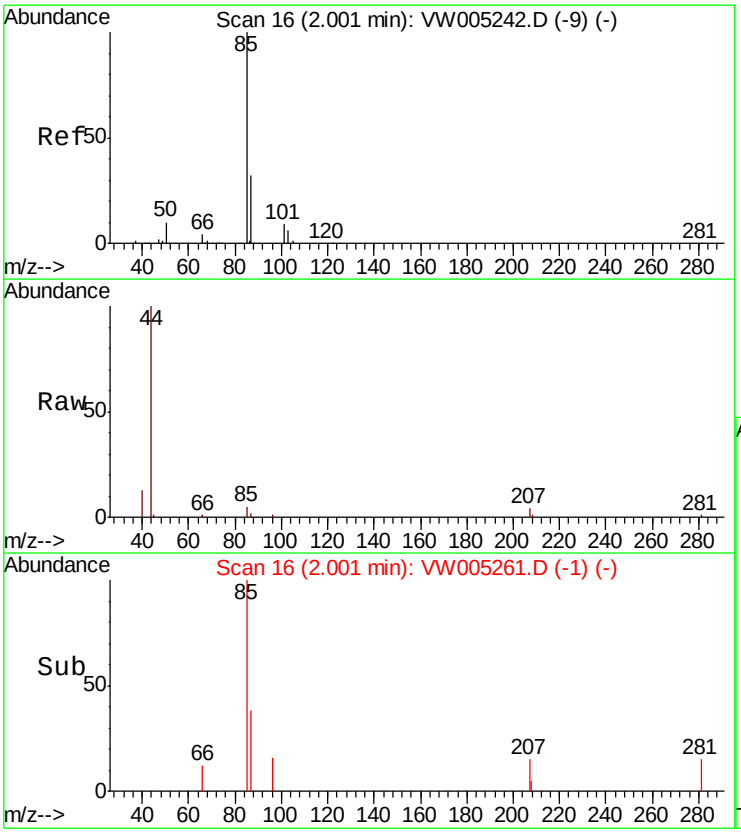
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.96 min Scan# 993
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion:168 Resp: 221

Ion	Ratio	Lower	Upper
168	100		
99	0.0	39.1	58.7#

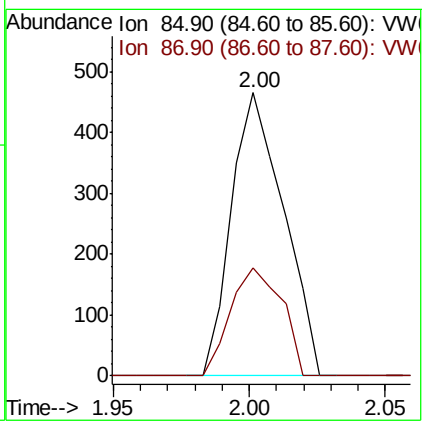


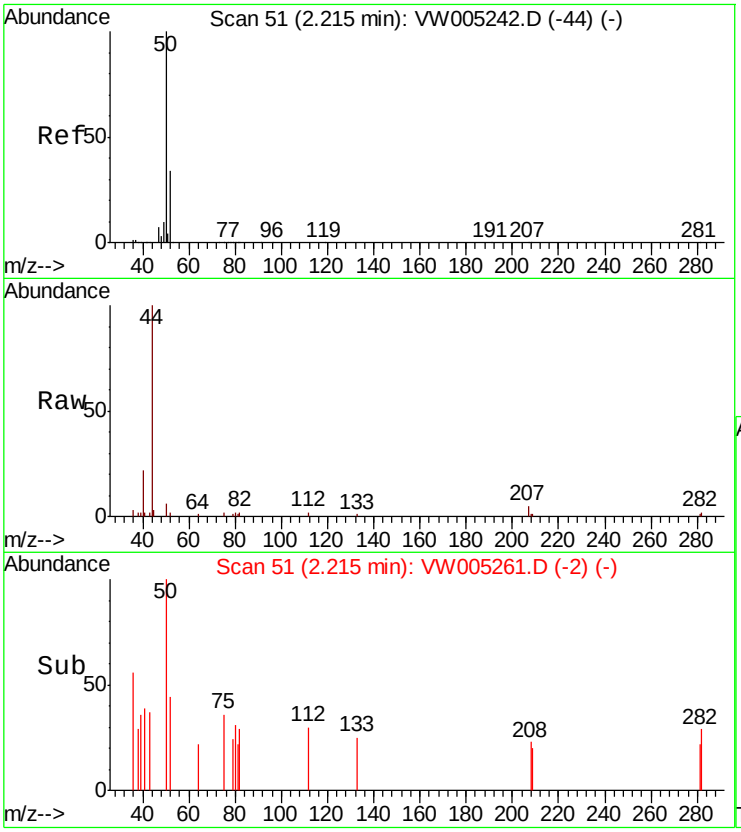


#2
Dichlorodifluoromethane
Concen: 324.694 ug/l
RT: 2.00 min Scan# 16
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 85 Resp: 619

Ion	Ratio	Lower	Upper
85	100		
87	38.1	16.0	47.9



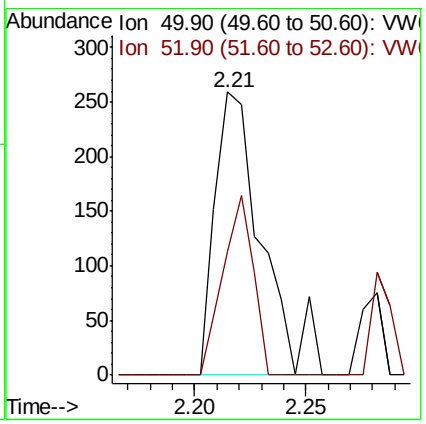


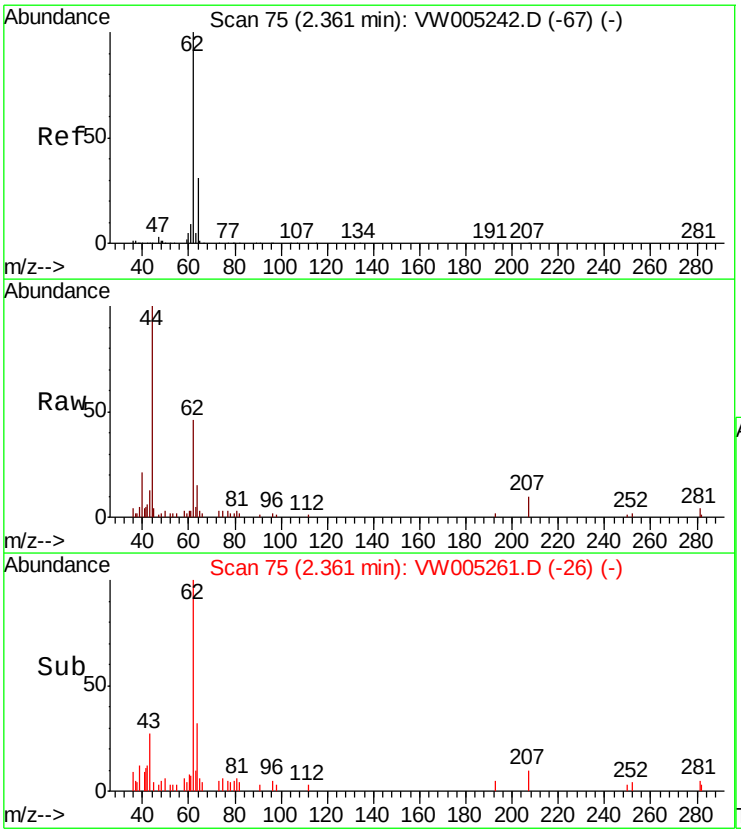
#3
Chloromethane
Concen: 149.093 ug/l
RT: 2.21 min Scan# 51
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 50 Resp: 380

Ion	Ratio	Lower	Upper
50	100		
52	43.6	27.0	40.4#

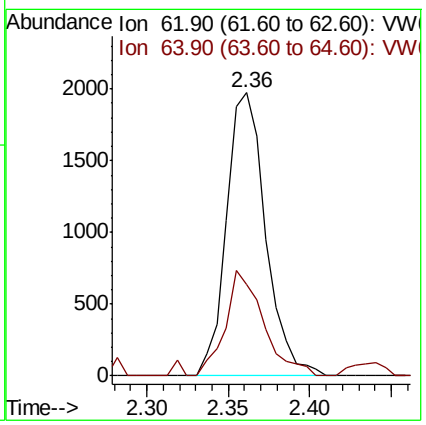


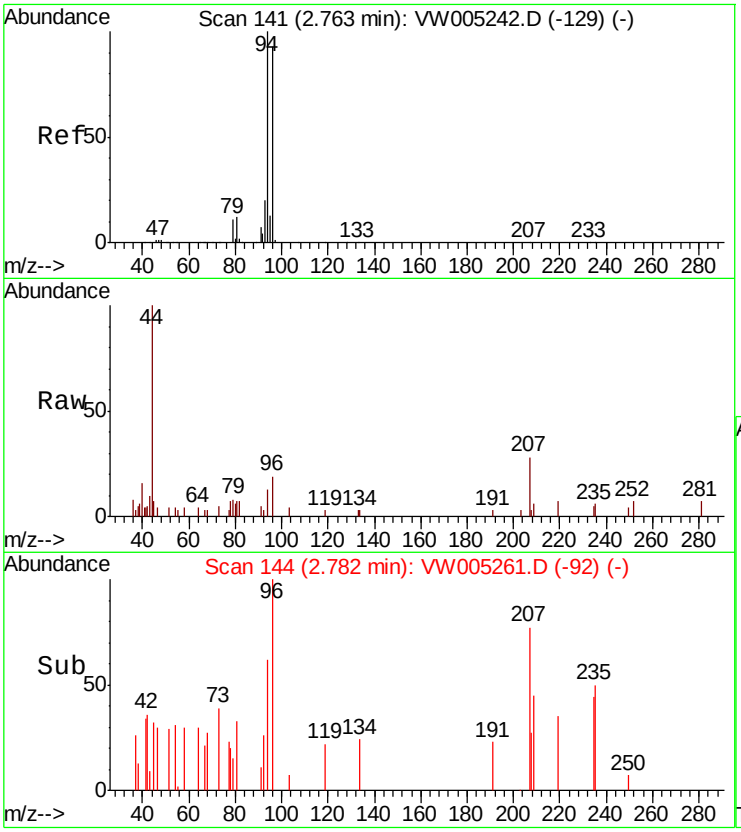


#4
Vinyl Chloride
Concen: 1409.069 ug/l
RT: 2.36 min Scan# 75
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 62 Resp: 3297

Ion	Ratio	Lower	Upper
62	100		
64	32.1	24.6	37.0



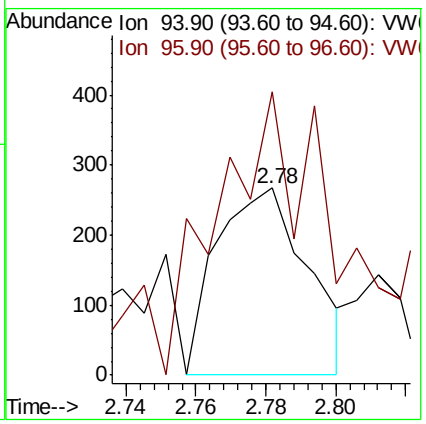


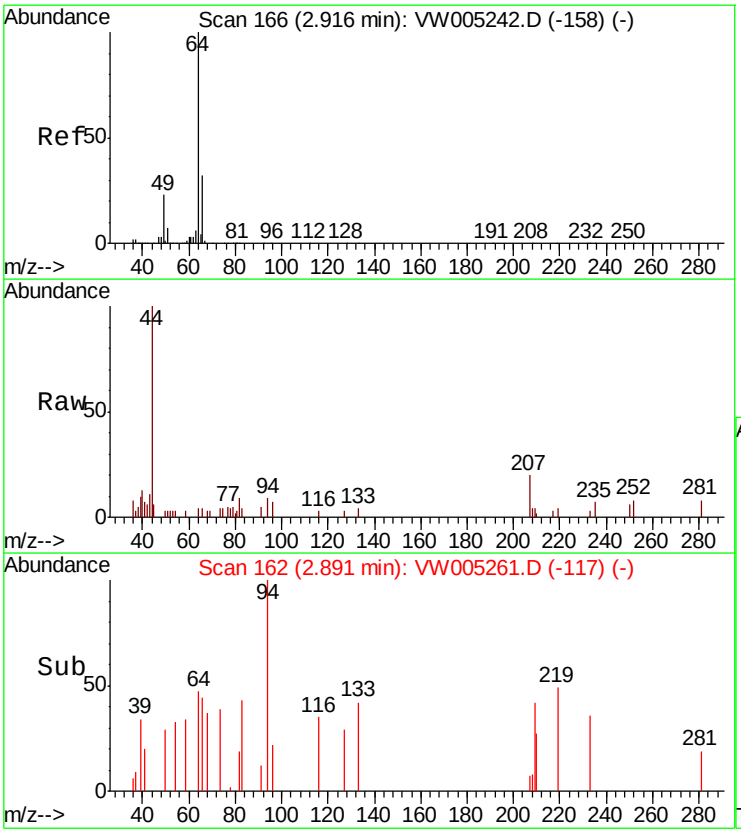
#5
Bromomethane
Concen: 358.736 ug/l
RT: 2.78 min Scan# 144
Delta R.T. 0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 94 Resp: 483

Ion	Ratio	Lower	Upper
94	100		
96	102.2	74.1	111.1

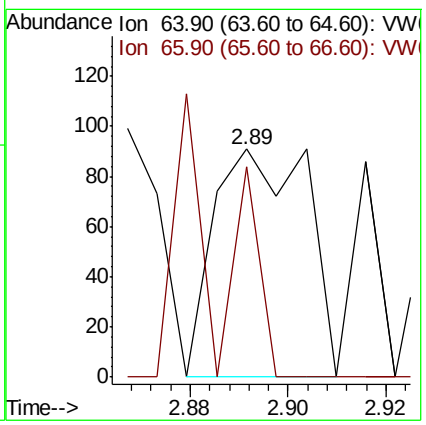


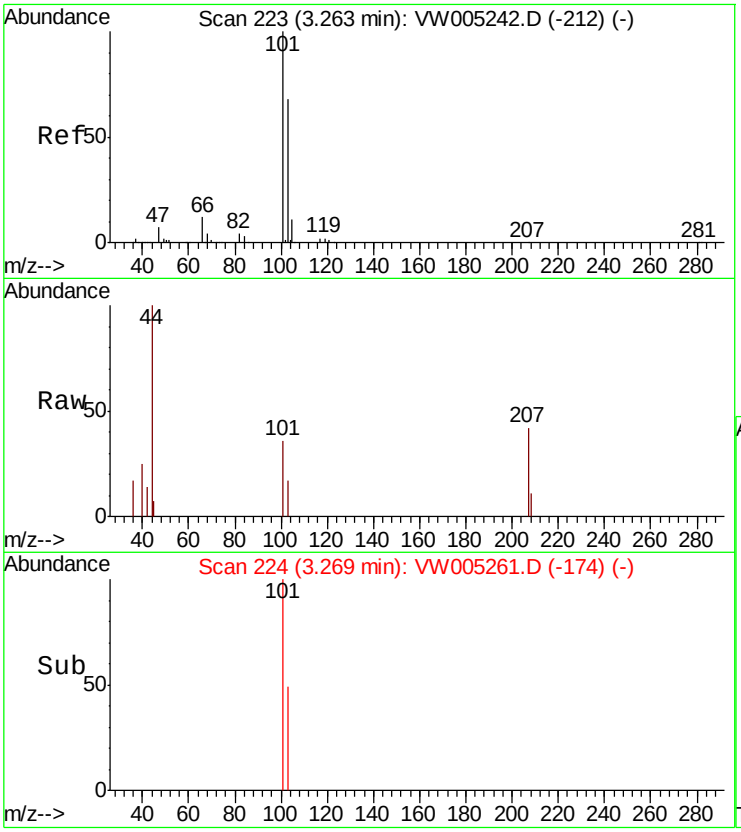


#6
Chloroethane
Concen: 93.103 ug/l
RT: 2.89 min Scan# 162
Delta R.T. -0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 64 Resp: 120

Ion	Ratio	Lower	Upper
64	100		
66	92.3	25.3	37.9#



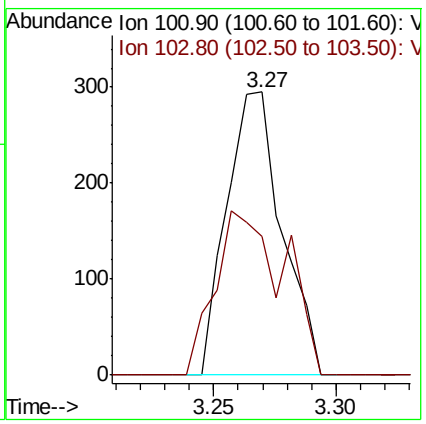


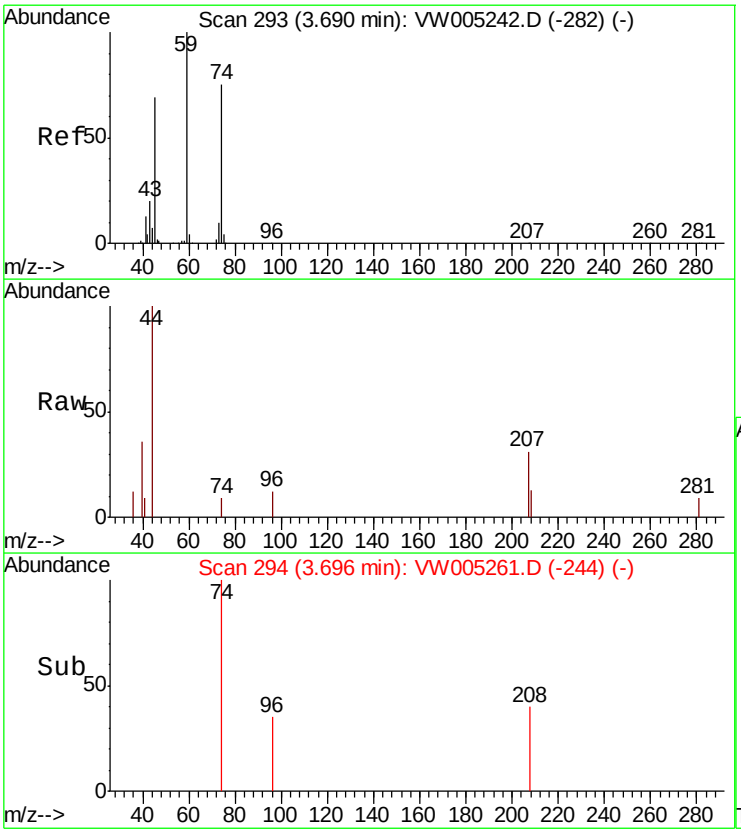
#7
Trichlorofluoromethane
Concen: 175.676 ug/l
RT: 3.27 min Scan# 224
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion:101 Resp: 465

Ion	Ratio	Lower	Upper
101	100		
103	48.8	54.1	81.1#

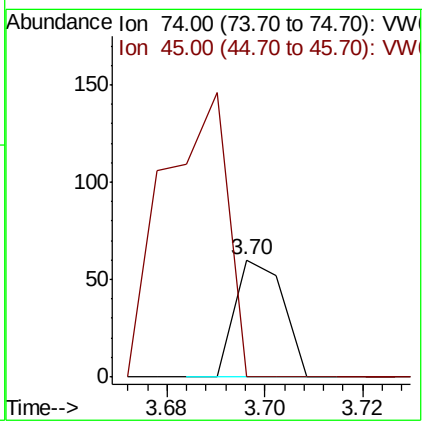


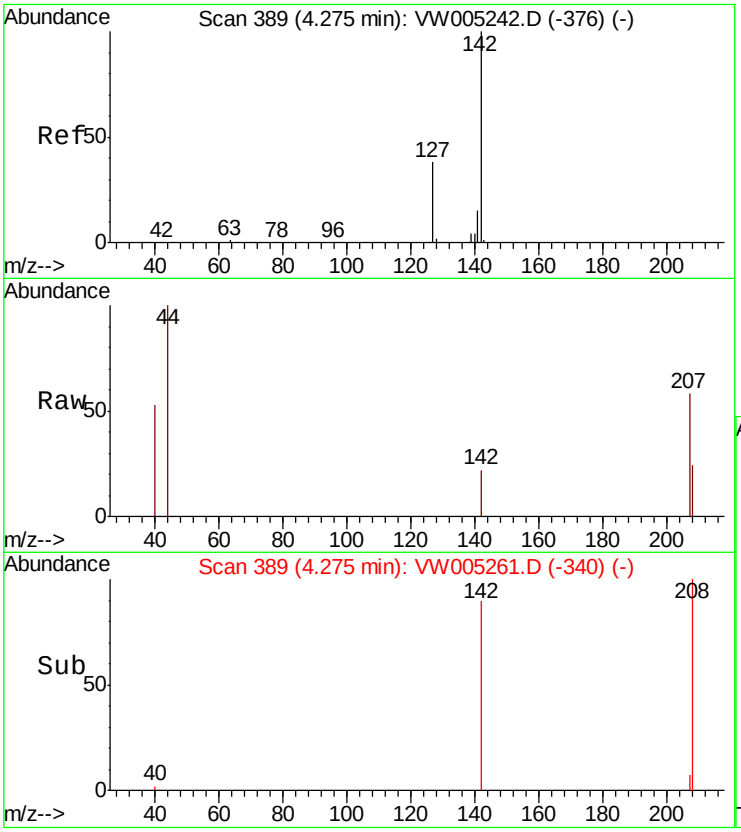


#8
Diethyl Ether
Concen: 43.464 ug/l
RT: 3.70 min Scan# 294
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 74 Resp: 41

Ion	Ratio	Lower	Upper
74	100		
45	322.0	45.1	135.3#



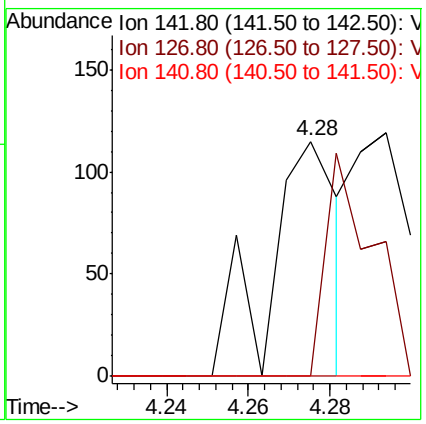


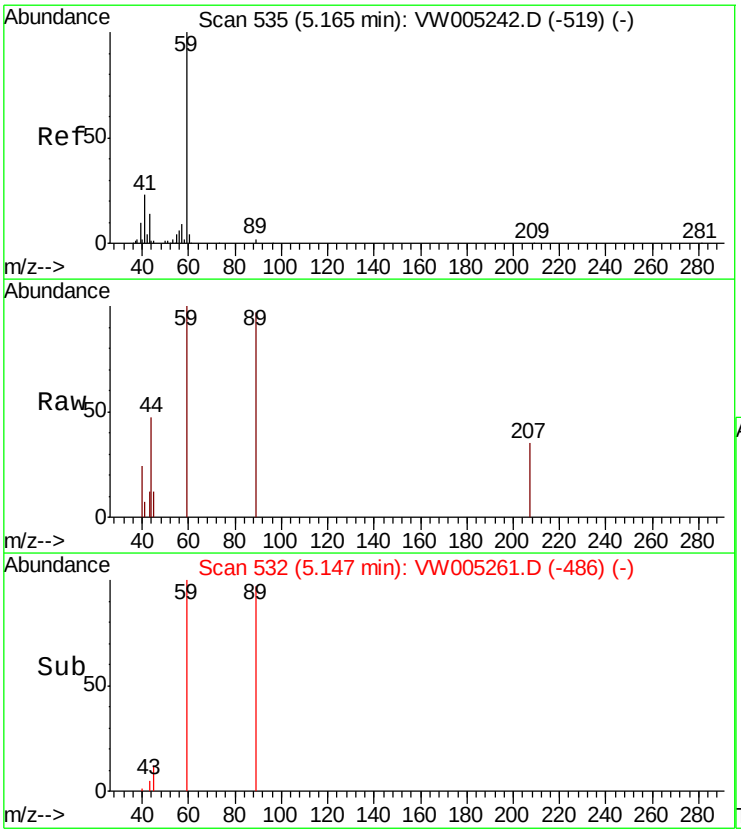
#10
Methyl Iodide
Concen: 56.952 ug/l
RT: 4.28 min Scan# 389
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion:142 Resp: 135

Ion	Ratio	Lower	Upper
142	100		
127	64.4	30.3	45.5#
141	0.0	11.4	17.0#

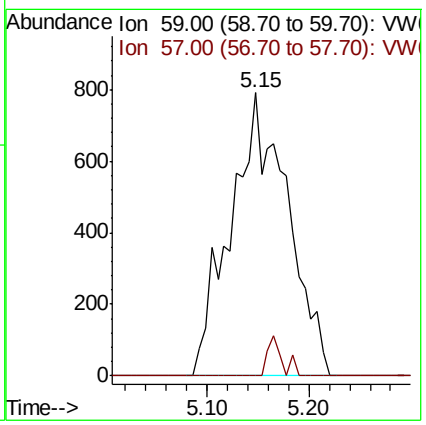


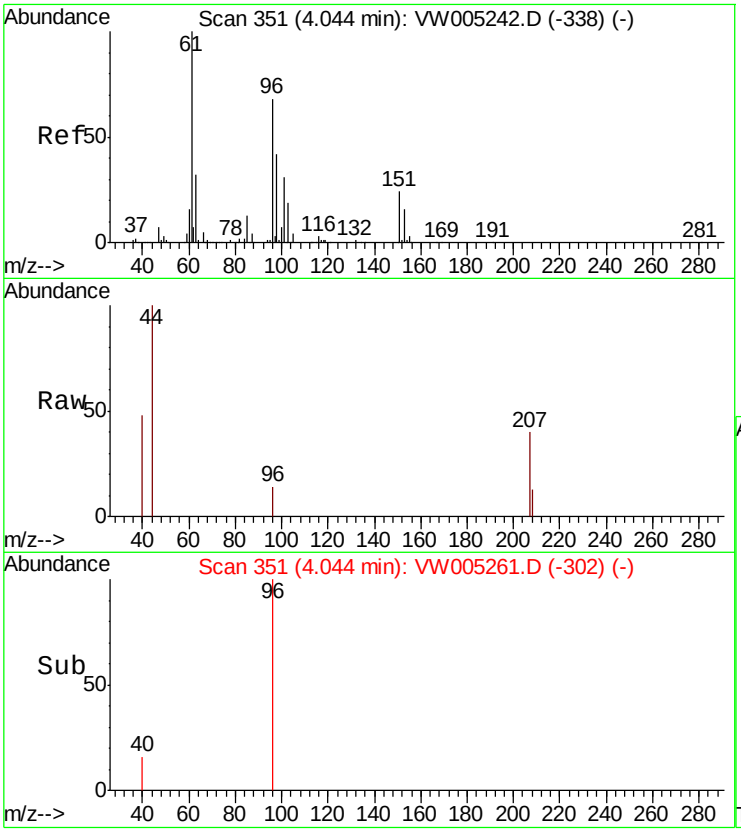


#11
Tert butyl alcohol
Concen: 22622.012 ug/l
RT: 5.15 min Scan# 532
Delta R.T. -0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 59 Resp: 3058

Ion	Ratio	Lower	Upper
59	100		
57	3.6	8.1	12.1#



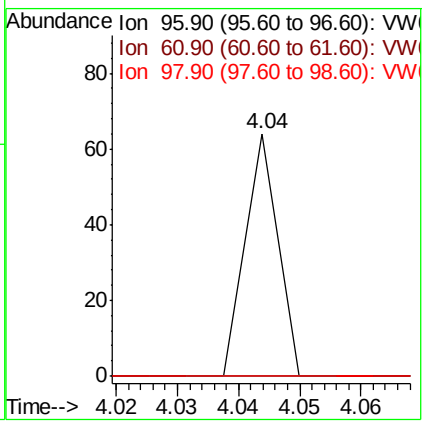


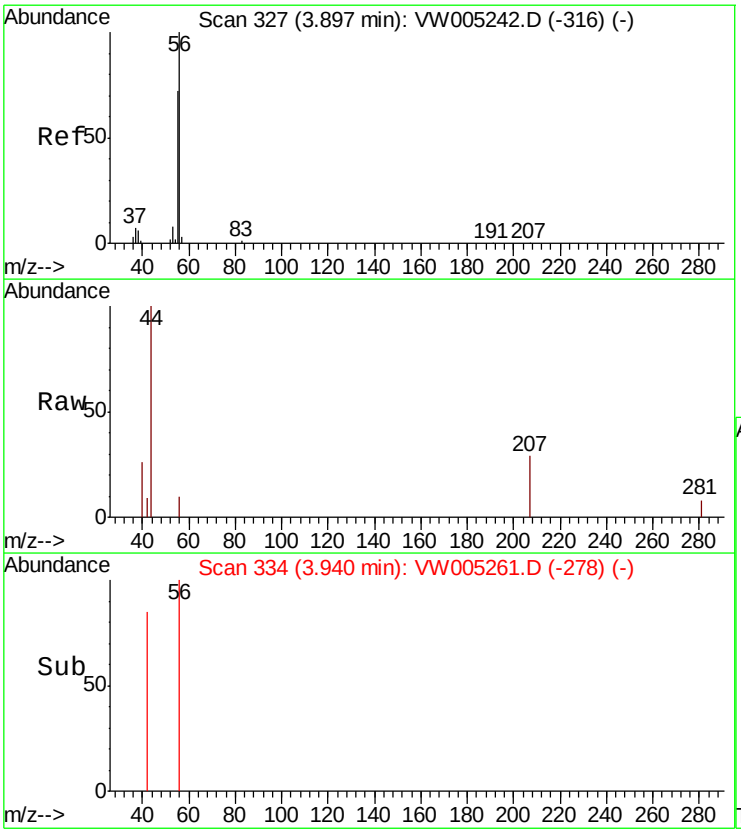
#12
1,1-Dichloroethene
Concen: 13.212 ug/l
RT: 4.04 min Scan# 351
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 96 Resp: 23

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

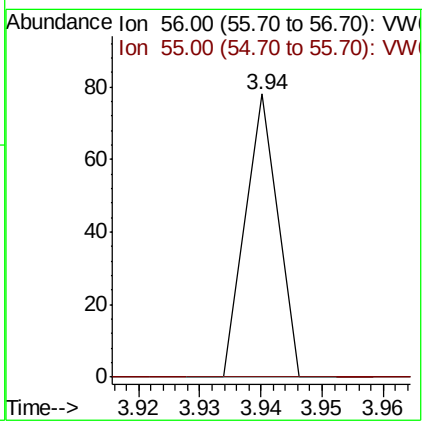


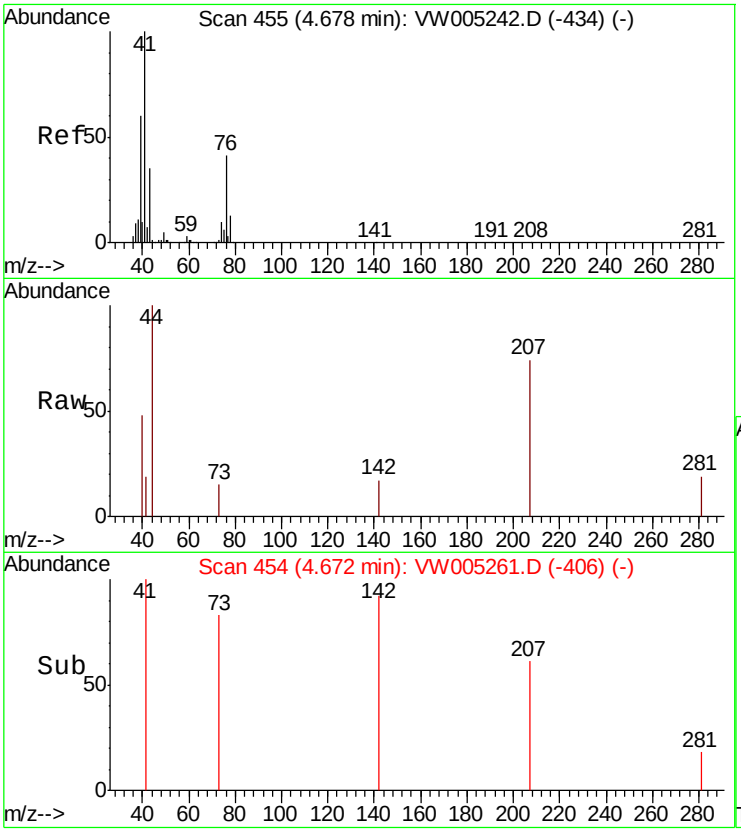


#13
Acrolein
Concen: 222.091 ug/l
RT: 3.94 min Scan# 334
Delta R.T. 0.04 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 56 Resp: 29

Ion	Ratio	Lower	Upper
56	100		
55	0.0	56.8	85.2#



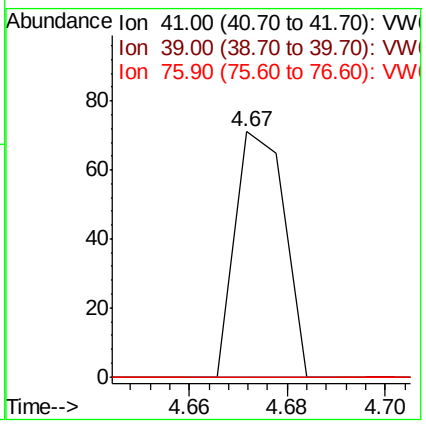


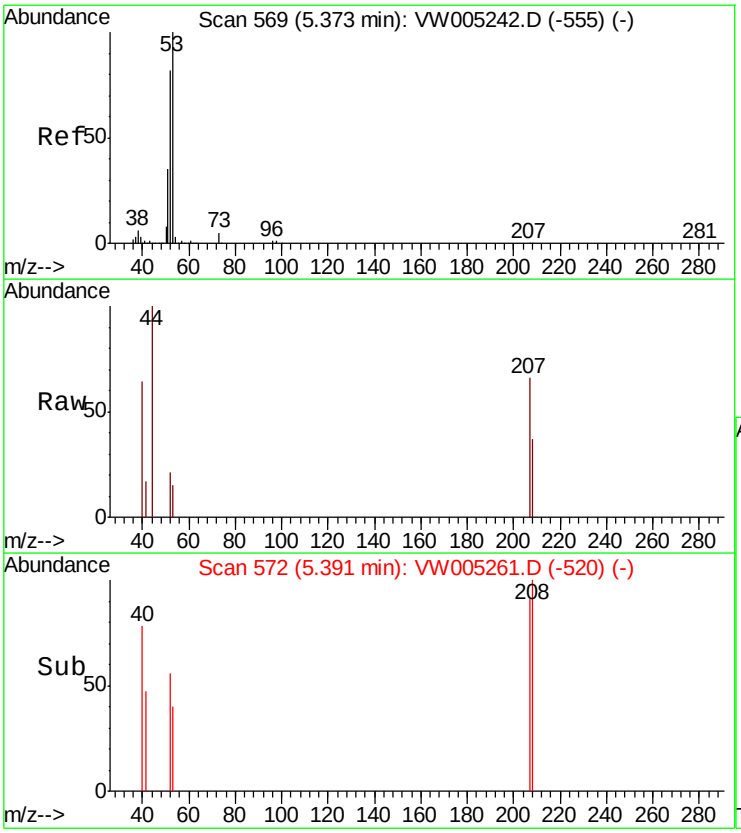
#14
Allyl chloride
Concen: 18.693 ug/l
RT: 4.67 min Scan# 454
Delta R.T. -0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 41 Resp: 50

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

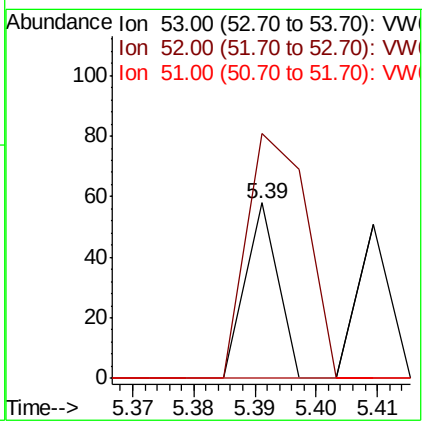


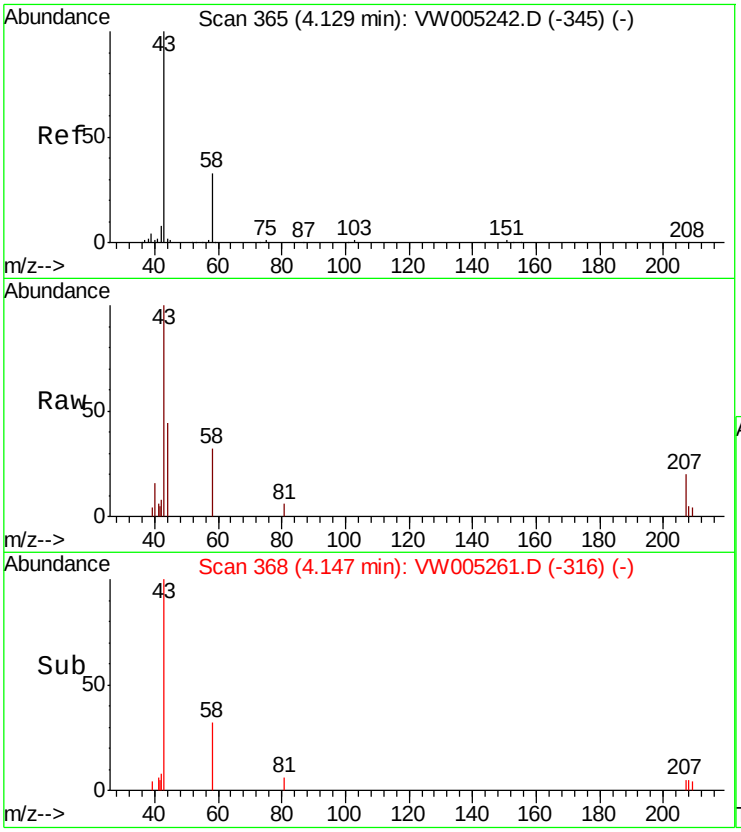


#15
Acrylonitrile
Concen: 49.343 ug/l
RT: 5.39 min Scan# 572
Delta R.T. 0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 53 Resp: 21

Ion	Ratio	Lower	Upper
53	100		
52	261.9	66.0	99.0#
51	0.0	28.6	43.0#



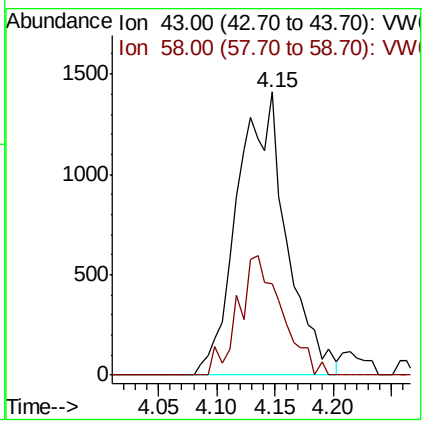


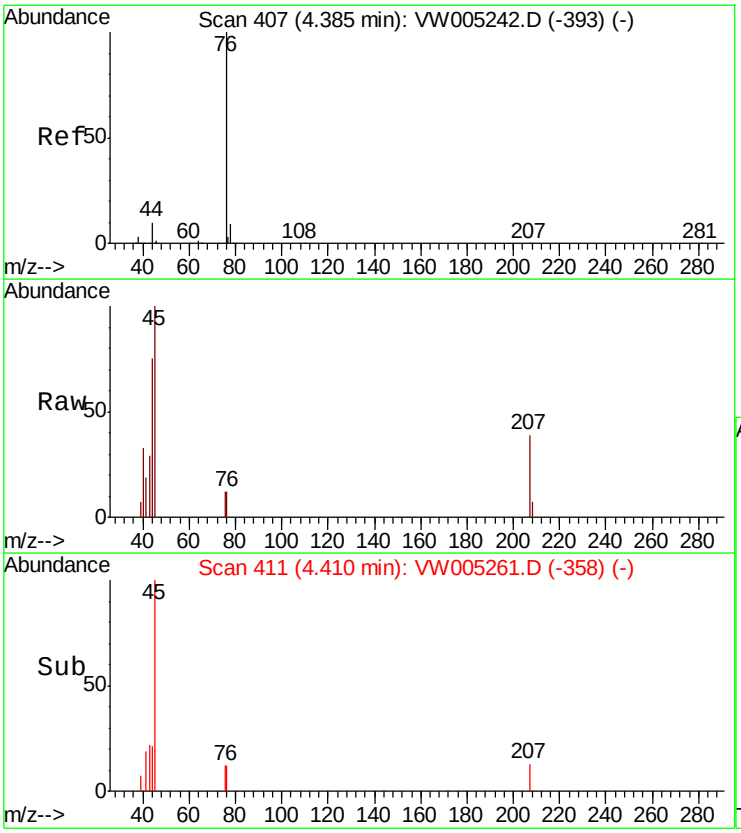
#16
Acetone
Concen: 13570.364 ug/l
RT: 4.15 min Scan# 368
Delta R.T. 0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 43 Resp: 4152

Ion	Ratio	Lower	Upper
43	100		
58	32.5	26.7	40.1

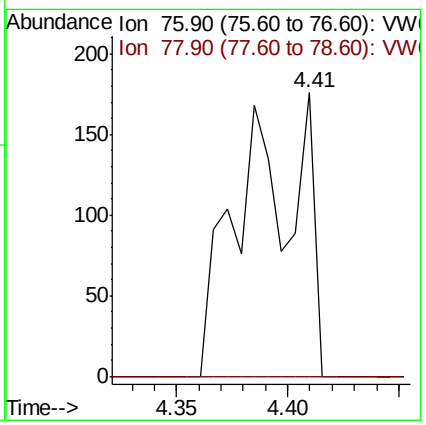


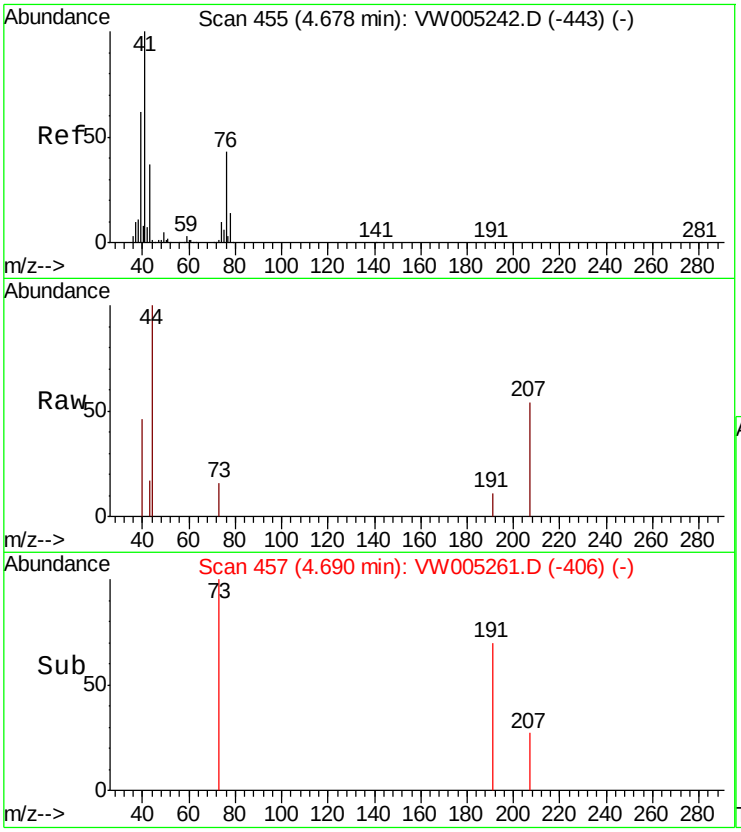


#17
Carbon Disulfide
Concen: 54.824 ug/l
RT: 4.41 min Scan# 411
Delta R.T. 0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 76 Resp: 335

Ion	Ratio	Lower	Upper
76	100		
78	0.0	7.5	11.3#



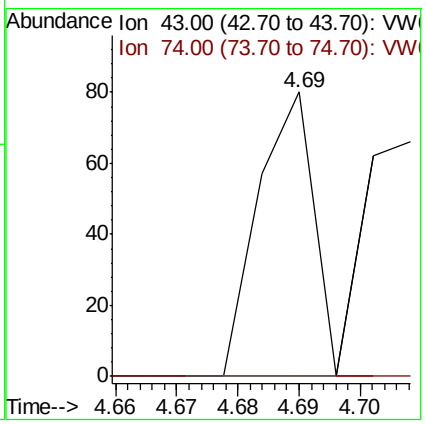


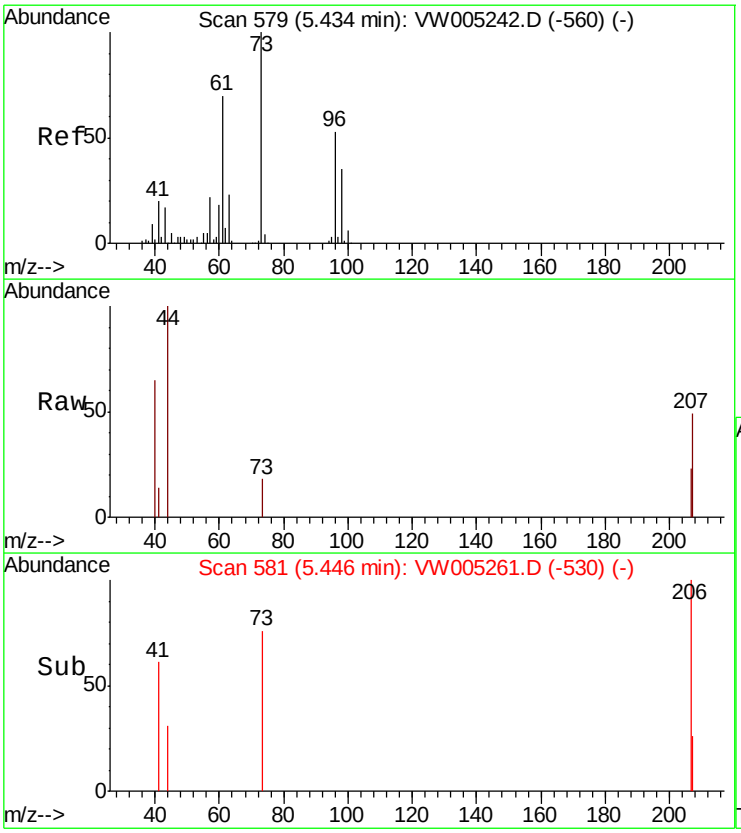
#18
Methyl Acetate
Concen: 54.744 ug/l
RT: 4.69 min Scan# 457
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 43 Resp: 50

Ion	Ratio	Lower	Upper
43	100		
74	0.0	21.4	32.2#

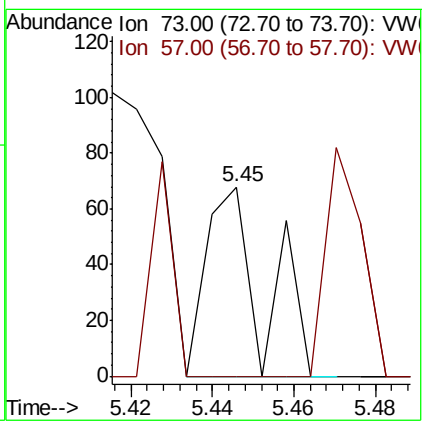


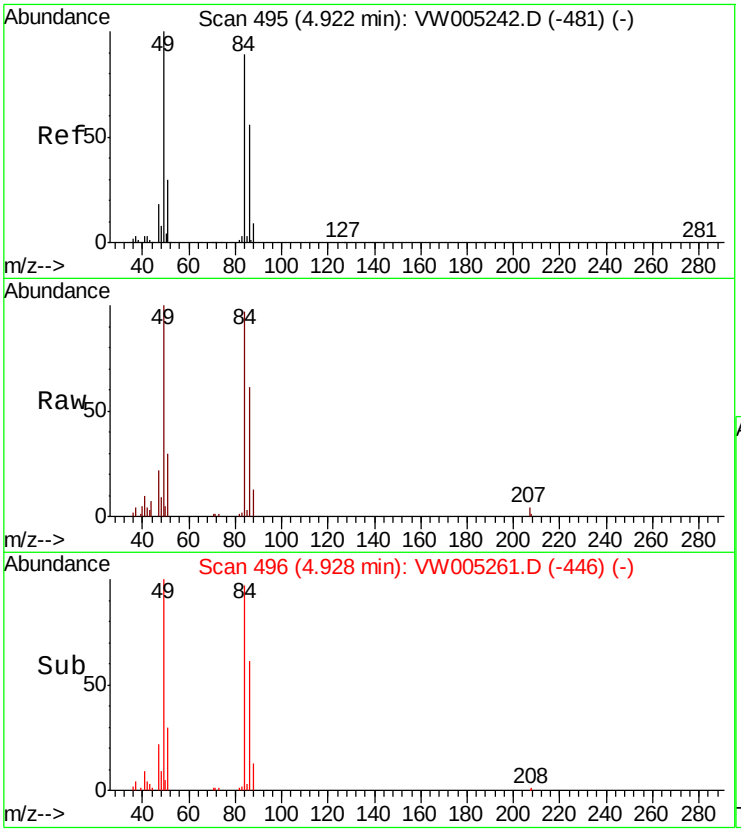


#19
Methyl tert-butyl Ether
Concen: 16.159 ug/l
RT: 5.45 min Scan# 581
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 73 Resp: 67

Ion	Ratio	Lower	Upper
73	100		
57	0.0	17.4	26.2#



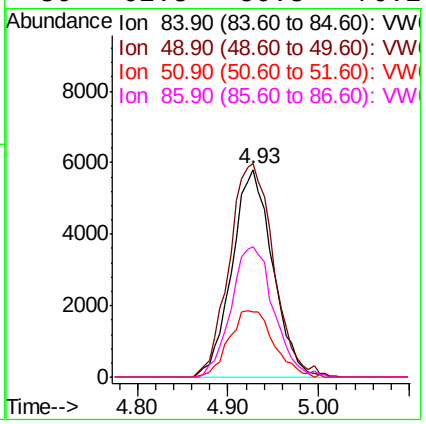


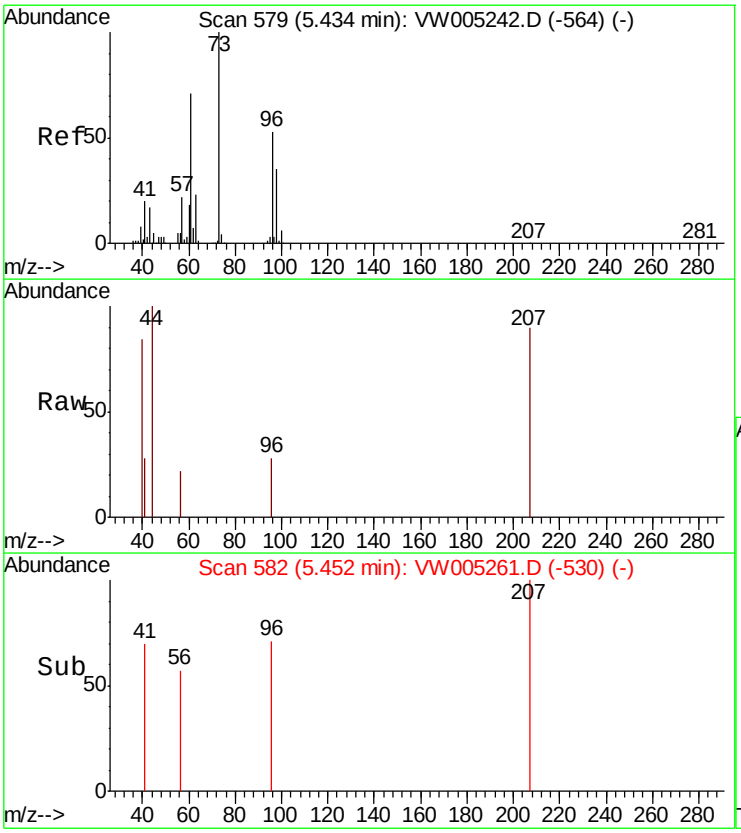
#20
Methylene Chloride
Concen: 8511.215 ug/l
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 84 Resp: 18086

Ion	Ratio	Lower	Upper
84	100		
49	102.9	90.3	135.5
51	31.2	26.9	40.3
86	62.8	50.8	76.2

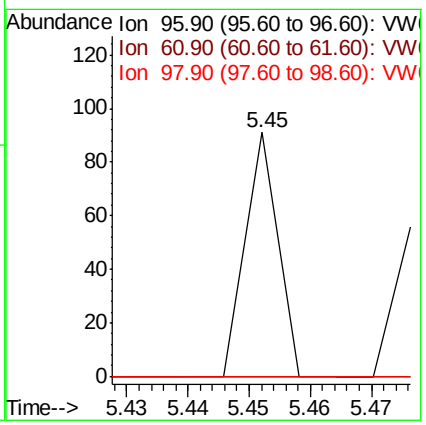


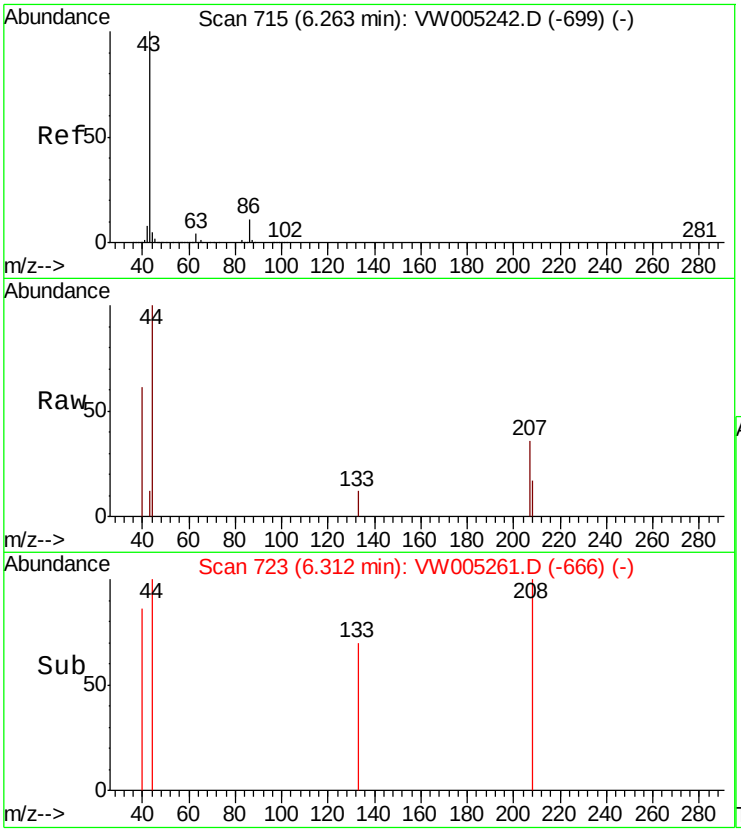


#21
trans-1,2-Dichloroethene
Concen: 16.236 ug/l
RT: 5.45 min Scan# 582
Delta R.T. 0.02 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 96 Resp: 33

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



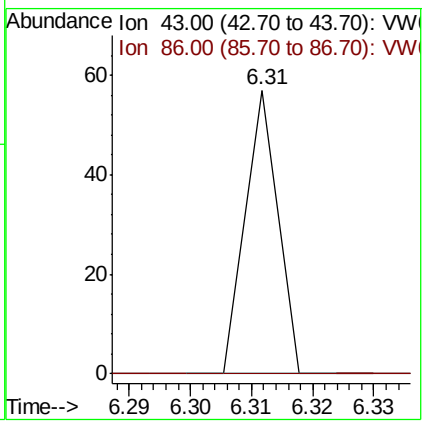


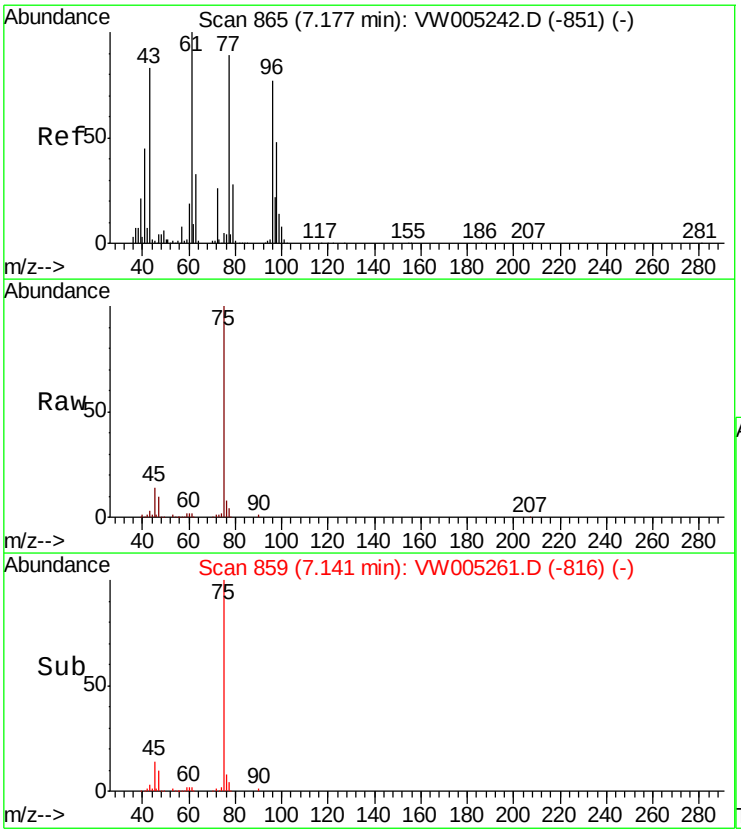
#23
Vinyl Acetate
Concen: 6.997 ug/l
RT: 6.31 min Scan# 723
Delta R.T. 0.05 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 43 Resp: 21

Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.9	13.3#

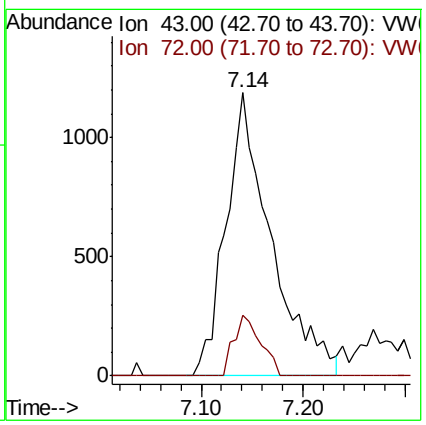


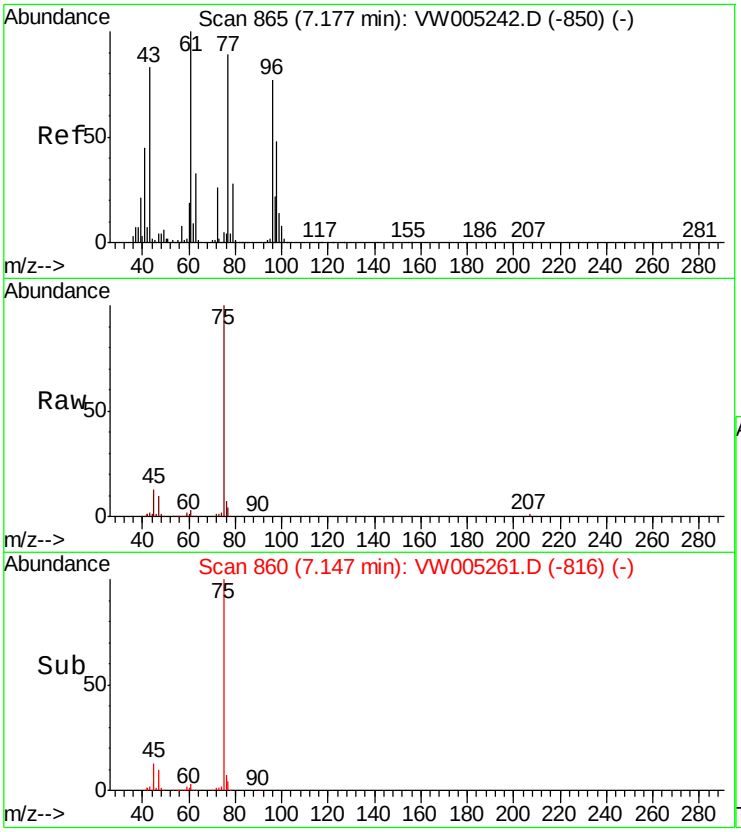


#25
2-Butanone
Concen: 7571.347 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.04 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 43 Resp: 3654

Ion	Ratio	Lower	Upper
43	100		
72	21.5	25.0	37.6#



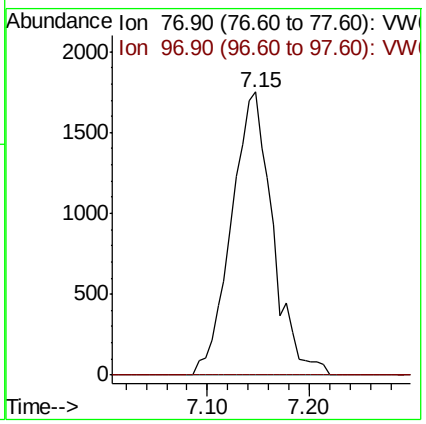


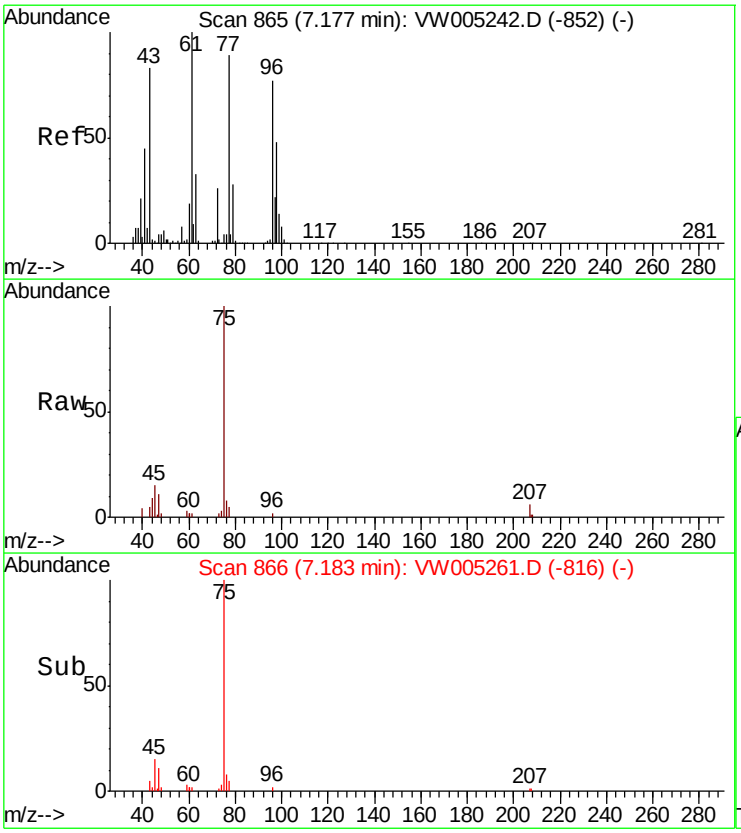
#26
2,2-Dichloropropane
Concen: 1715.002 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.03 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 77 Resp: 4929

Ion	Ratio	Lower	Upper
77	100		
97	0.0	12.2	36.6#

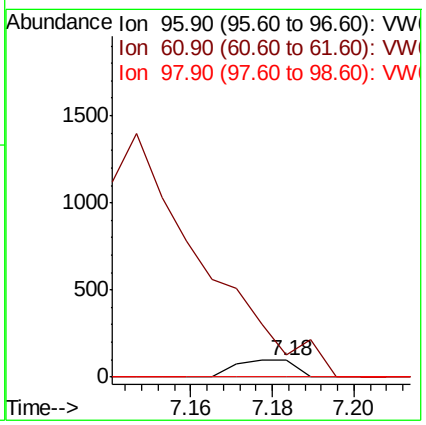


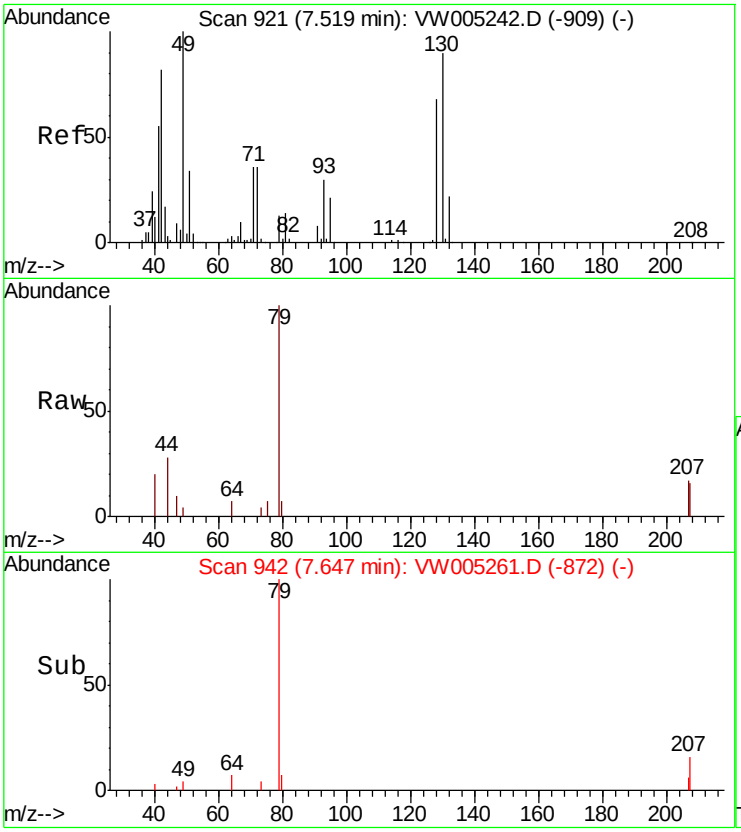


#27
cis-1,2-Dichloroethene
Concen: 45.051 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 96 Resp: 98

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



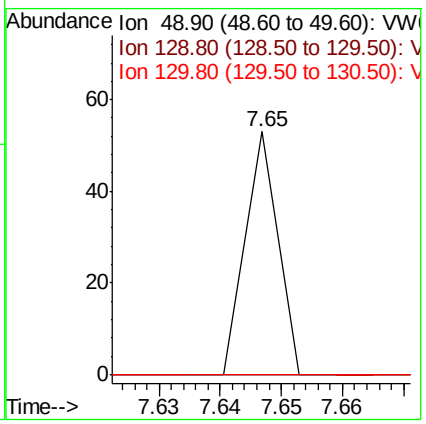


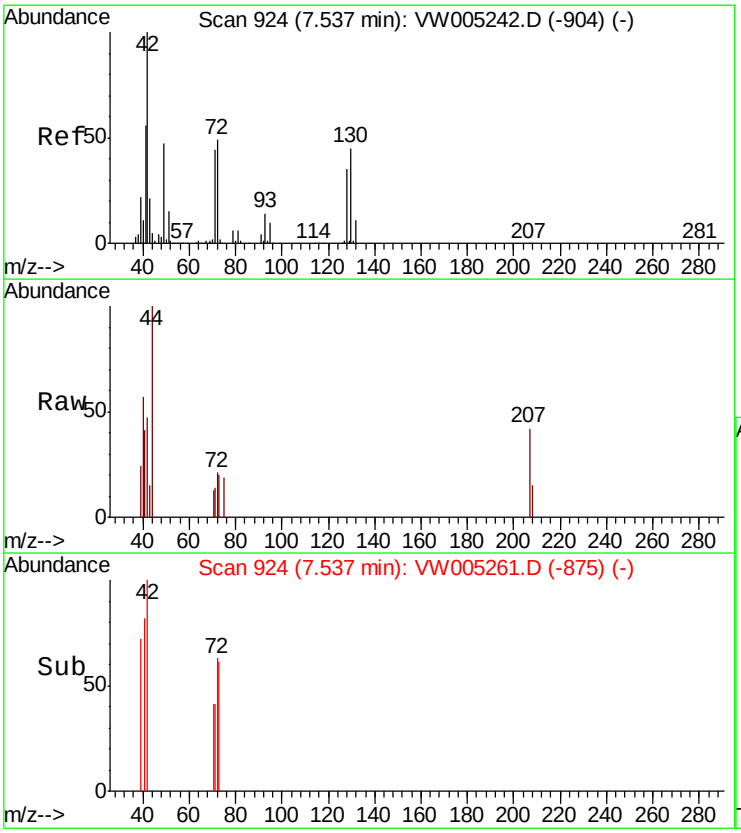
#28
Bromochloromethane
Concen: 15.537 ug/l
RT: 7.65 min Scan# 942
Delta R.T. 0.13 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument : MSVOA_W
ClientSampleId : VINYL CHLORIDE 0.4PPB

Tgt Ion: 49 Resp: 19

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	2.0
130	0.0	71.2	106.8#

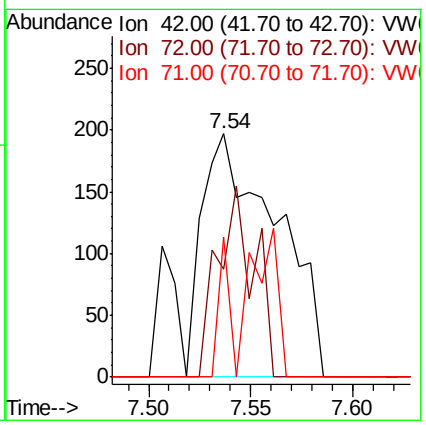


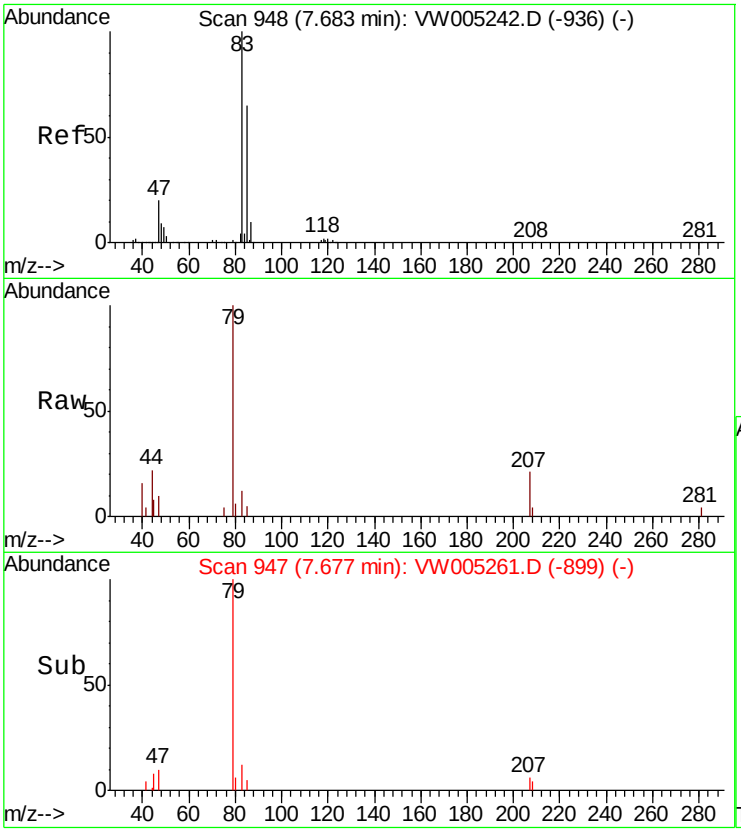


#29
Tetrahydrofuran
Concen: 1546.602 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 42 Resp: 503

Ion	Ratio	Lower	Upper
42	100		
72	38.6	37.5	56.3
71	8.2	34.8	52.2#



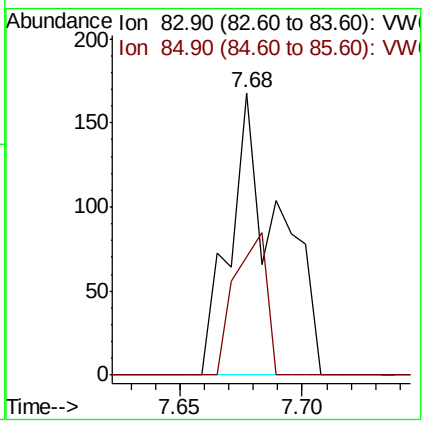


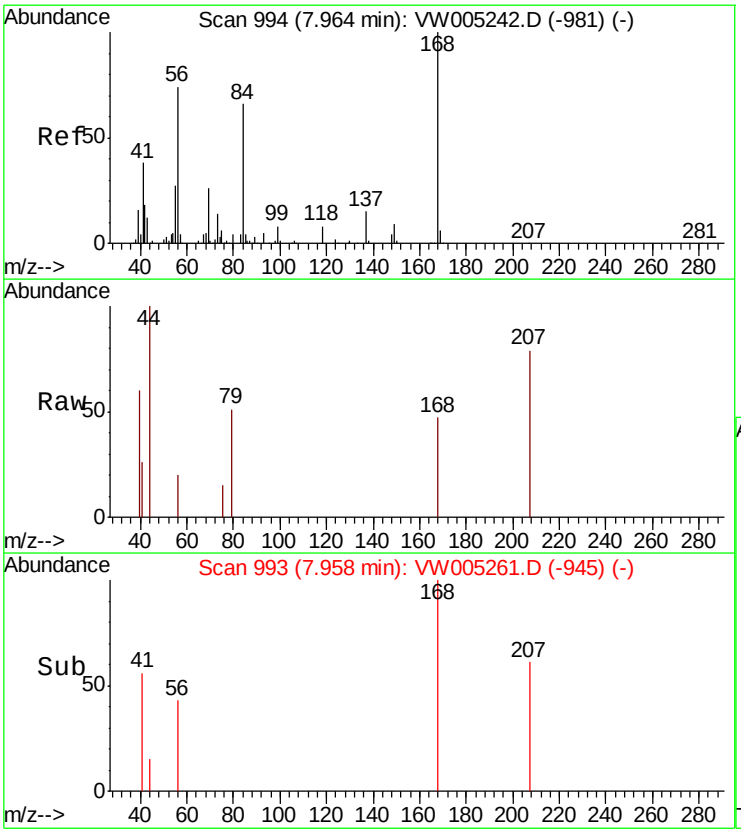
#30
Chloroform
Concen: 70.040 ug/l
RT: 7.68 min Scan# 947
Delta R.T. -0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 83 Resp: 233

Ion	Ratio	Lower	Upper
83	100		
85	41.7	51.7	77.5#

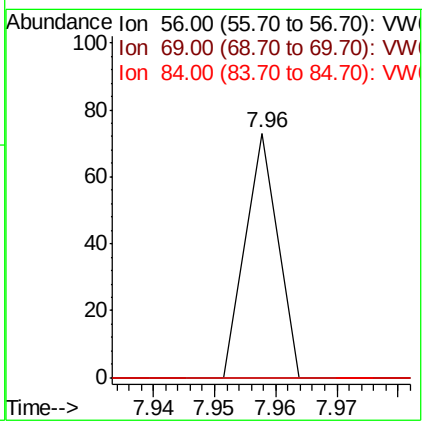


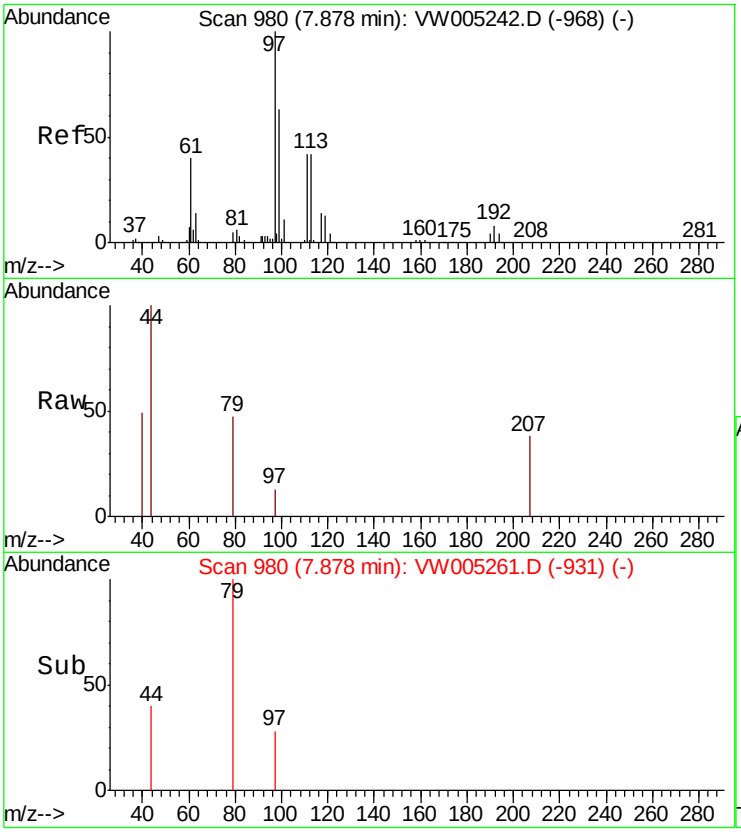


#31
Cyclohexane
Concen: 7.655 ug/l
RT: 7.96 min Scan# 993
Delta R.T. -0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 56 Resp: 27

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



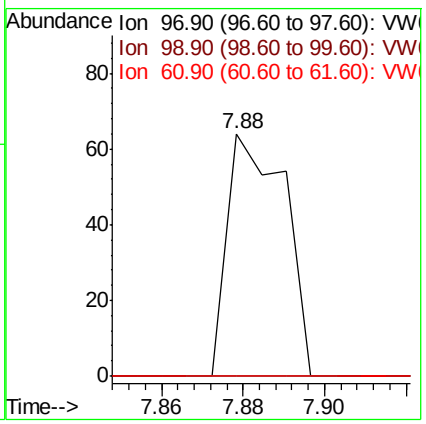


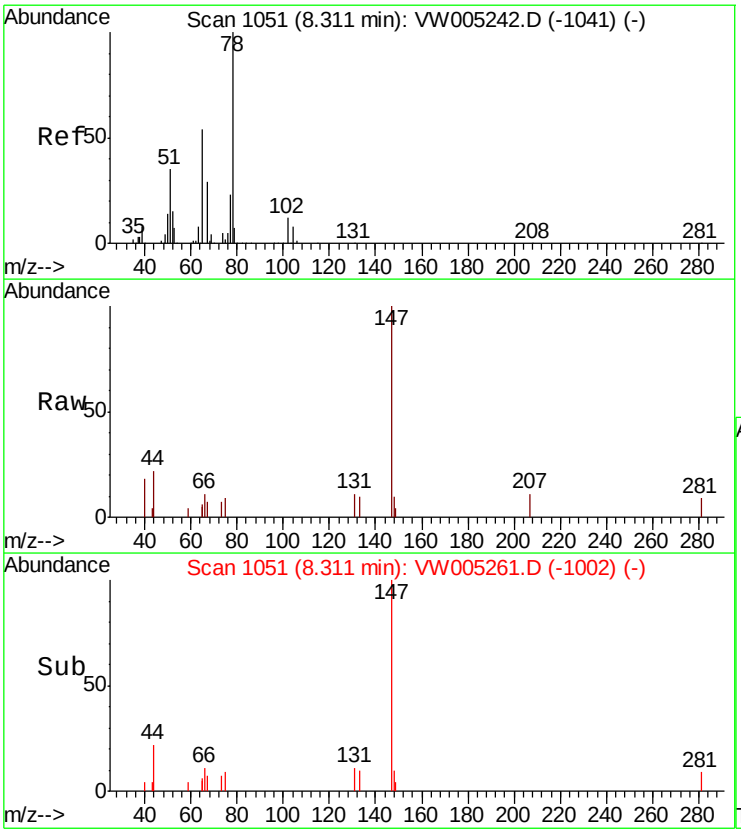
#32
1,1,1-Trichloroethane
Concen: 20.963 ug/l
RT: 7.88 min Scan# 980
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion: 97 Resp: 63

Ion	Ratio	Lower	Upper
97	100		
99	0.0	51.5	77.3#
61	0.0	32.5	48.7#

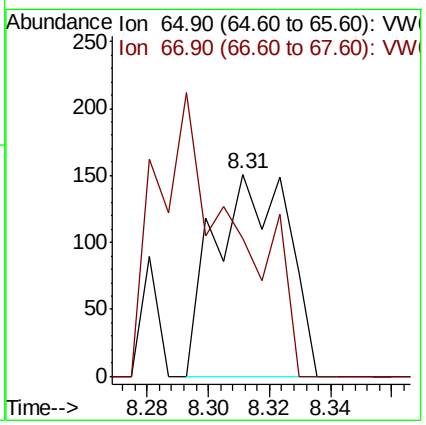


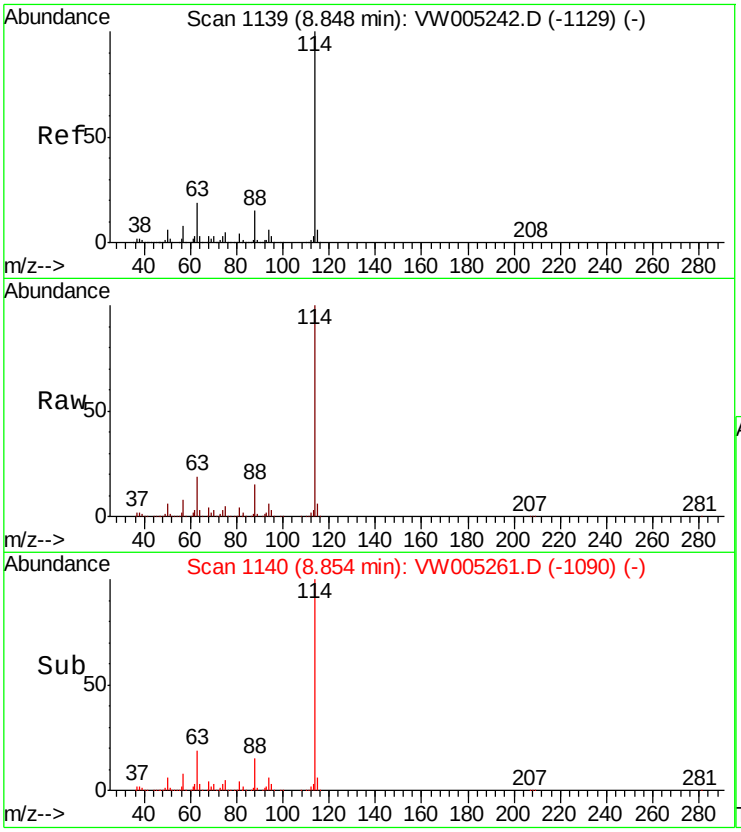


#33
1,2-Dichloroethane-d4
Concen: 153.487 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 65 Resp: 253

Ion	Ratio	Lower	Upper
65	100		
67	0.0	0.0	112.2



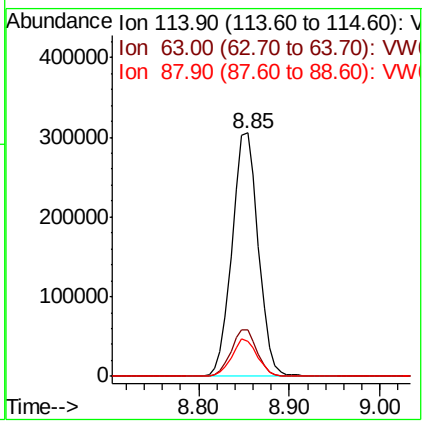


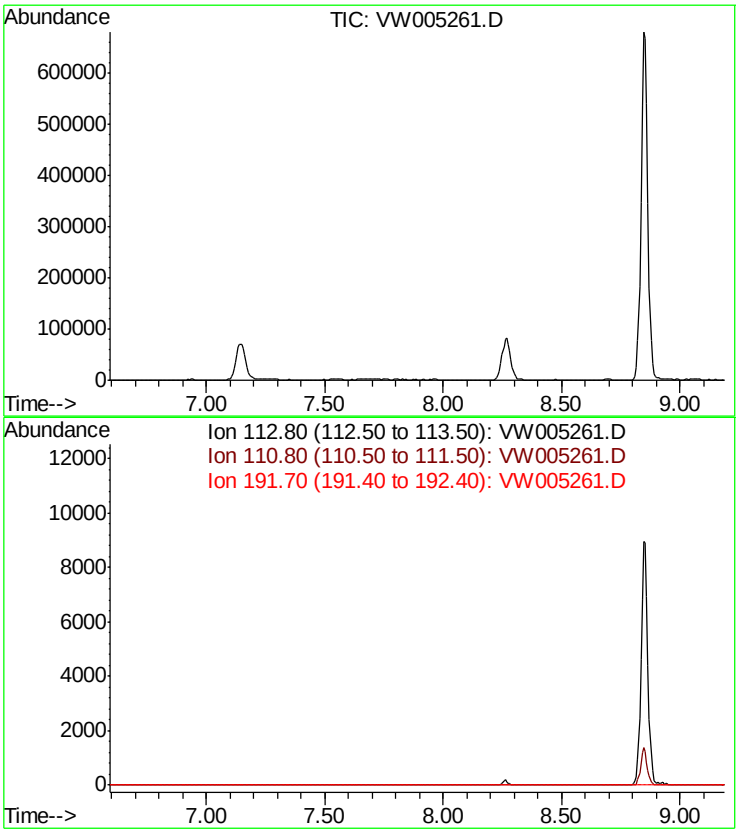
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1140
Delta R.T. 0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion:114 Resp: 615406

Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	37.0
88	14.6	0.0	30.4



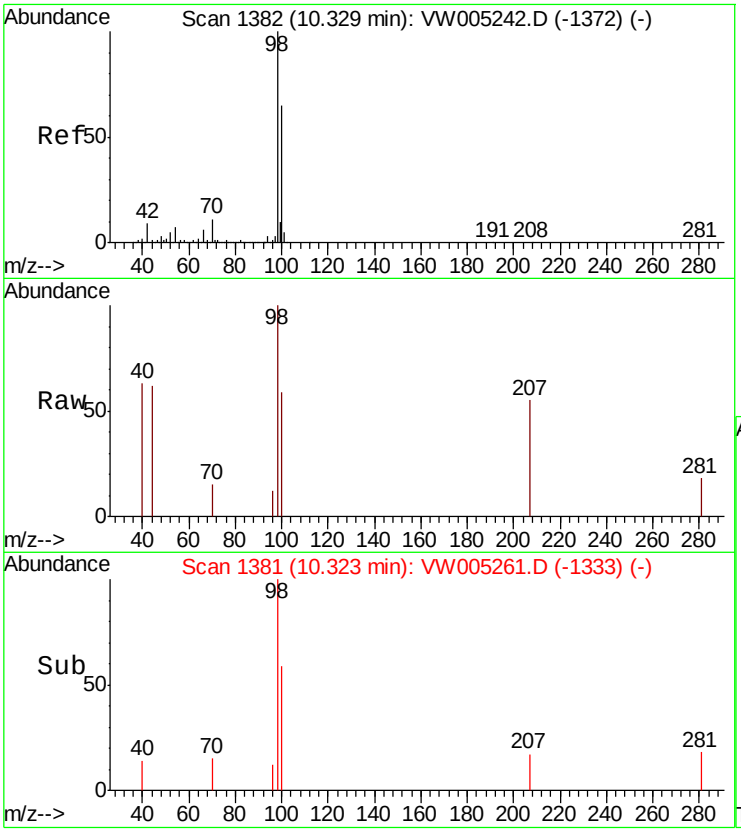


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.89 min

Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 113

Sig	Exp Ratio
113	100
111	100.8
192	22.9

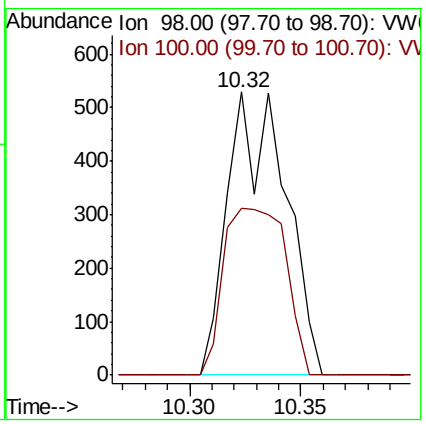


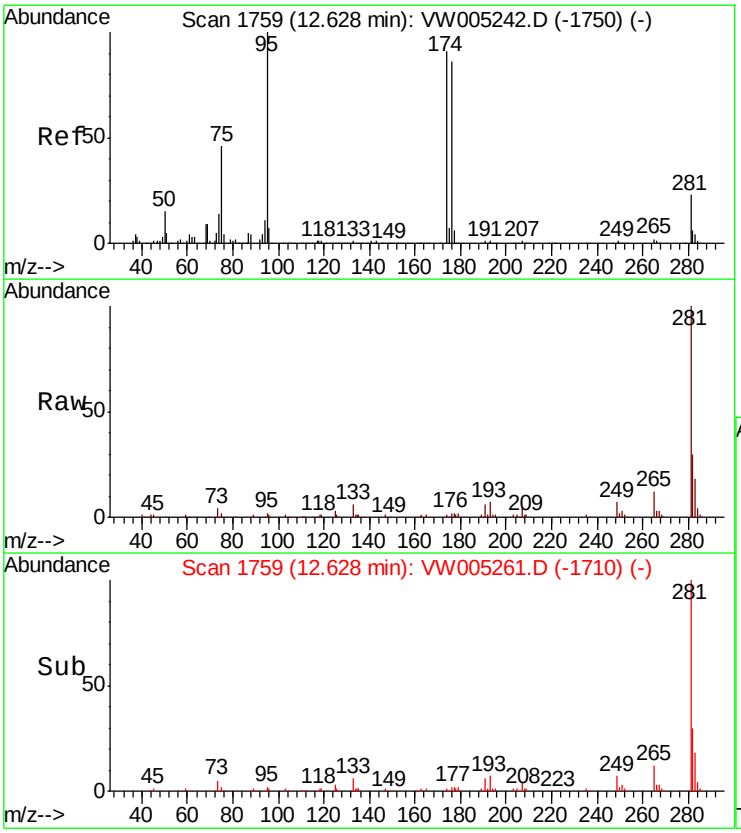
#50
Toluene-d8
Concen: 0.058 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument : MSVOA_W
ClientSampleId : VINYL CHLORIDE 0.4PPB

Tgt Ion: 98 Resp: 948

Ion	Ratio	Lower	Upper
98	100		
100	63.7	52.0	78.0

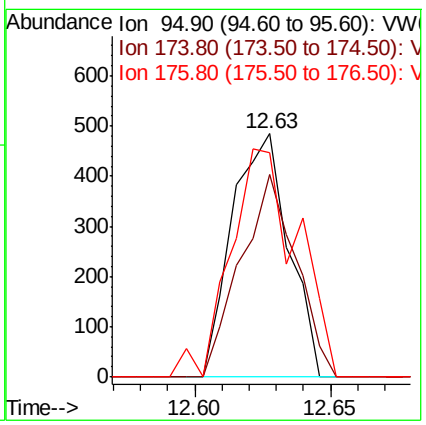


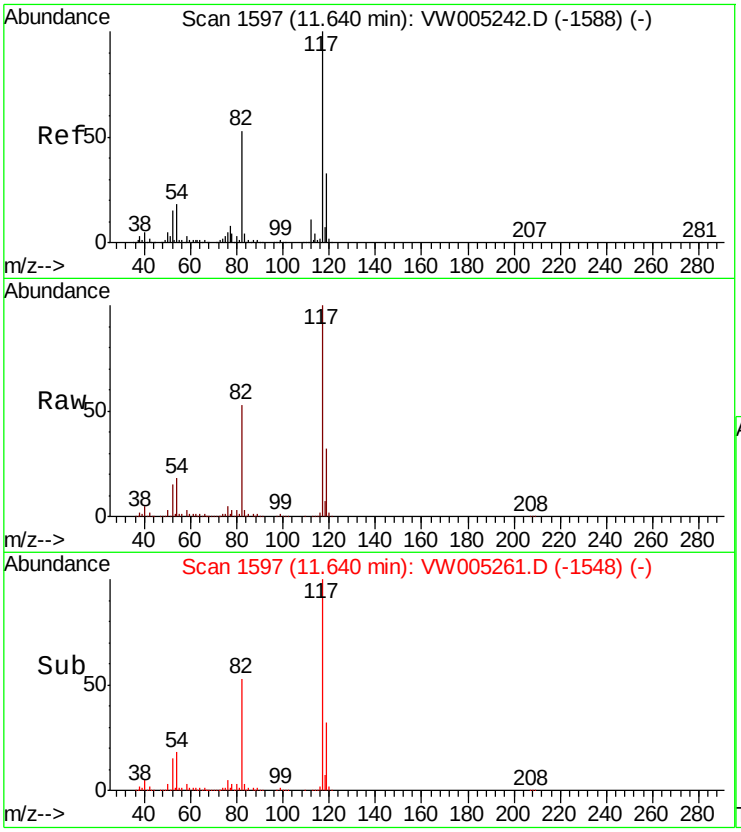


#62
4-Bromofluorobenzene
Concen: 0.117 ug/l
RT: 12.63 min Scan# 1759
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion: 95 Resp: 696

Ion	Ratio	Lower	Upper
95	100		
174	81.3	0.0	174.6
176	111.5	0.0	167.6



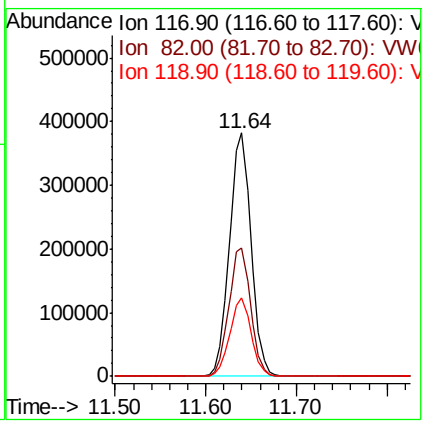


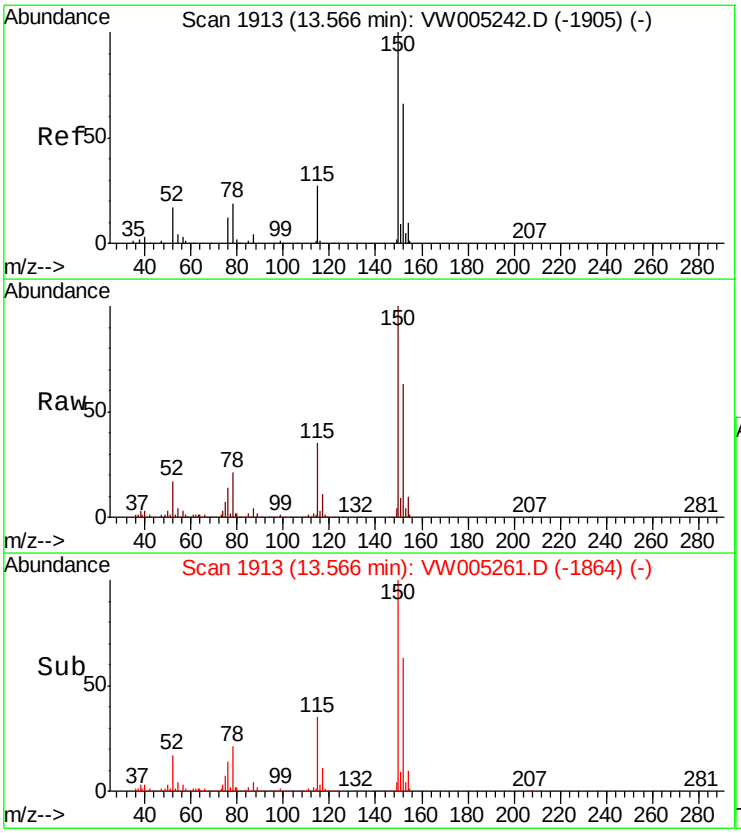
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.64 min Scan# 1597
Delta R.T. 0.00 min
Lab File: VW005261.D
Acq: 11 Sep 2018 00:17

Instrument :
MSVOA_W
ClientSampleId :
VINYL CHLORIDE 0.4PPB

Tgt Ion:117 Resp: 630778

Ion	Ratio	Lower	Upper
117	100		
82	52.5	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: VW005261.D
Acq: 11 Sep 2018 00:17

Tgt Ion:152 Resp: 314116

Ion	Ratio	Lower	Upper
152	100		
115	55.7	27.5	82.4
150	157.6	0.0	347.4