Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW053019\
Data File : VW010615.D
Acq On : 30 May 2019 15:30
Operator : SY/VA
Sample : K3097-04
Misc : 4.10G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 0424-HR-4(HACKENSACK)

Quant Time: May 31 07:44:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	119931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	217048	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	196323	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	89470	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	68547	55.37	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.74%			
35) Dibromofluoromethane	7.88	113	66177	50.25	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.50%			
50) Toluene-d8	10.32	98	268005	53.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 106.54%			
62) 4-Bromofluorobenzene	12.62	95	102299	51.05	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.10%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.18	59	173	1.554	ug/l #	71
13) Acrolein	3.85	56	19	Below Cal #		1
15) Acrylonitrile	5.43	53	432	1.510	ug/l #	37
16) Acetone	4.13	43	2814	11.137	ug/l	98
20) Methylene Chloride	4.93	84	2210	Below Cal		92
25) 2-Butanone	7.18	43	802	2.218	ug/l	97
31) Cyclohexane	7.94	56	6221	2.647	ug/l #	59
36) 1,1-Dichloropropene	7.95	75	9162	4.531	ug/l #	48
38) Carbon Tetrachloride	7.95	117	12905	5.917	ug/l #	15
41) Methacrylonitrile	7.52	41	670	1.311	ug/l #	44
43) Isopropyl Acetate	8.41	43	3278	1.908	ug/l #	49
51) 4-Methyl-2-Pentanone	10.21	43	958	1.101	ug/l	96
76) 1,2,3-Trichloropropane	12.62	75	47283	52.064	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	47283	108.658	ug/l #	14

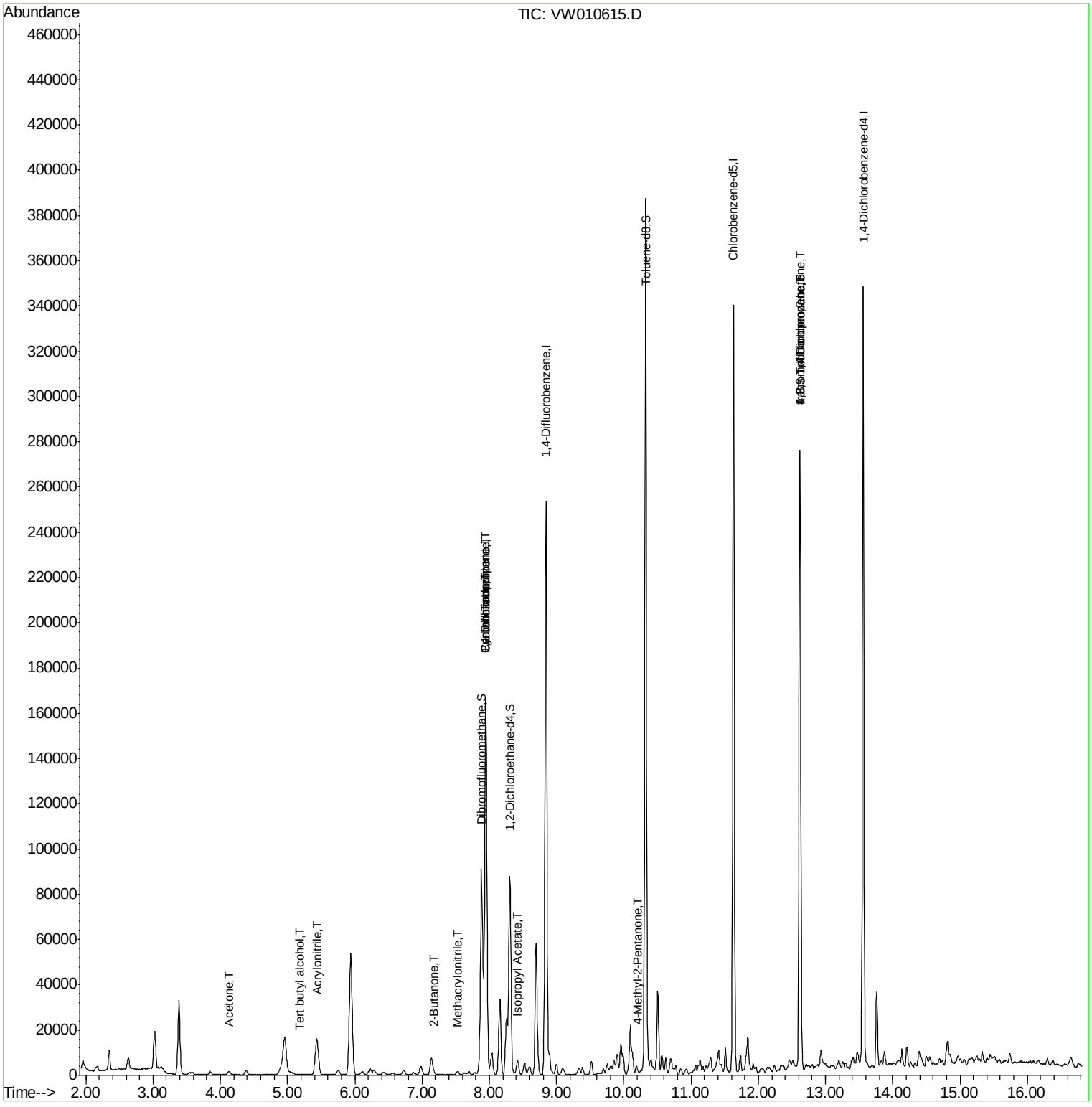
(#) = qualifier out of range (m) = manual integration (+) = signals summed

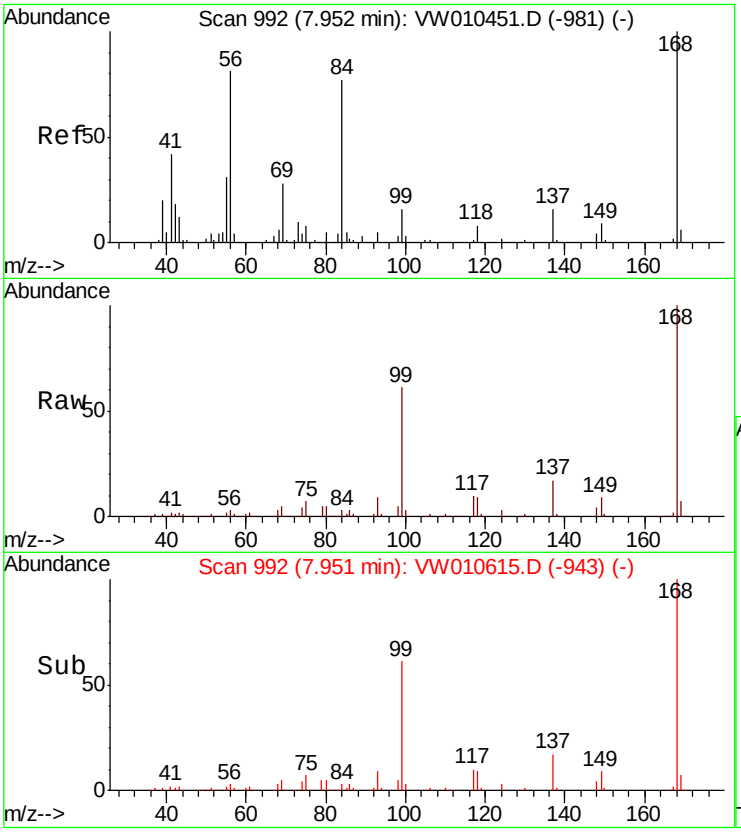
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW053019\
Data File : VW010615.D
Acq On : 30 May 2019 15:30
Operator : SY/VA
Sample : K3097-04
Misc : 4.10G/5ML/MSVOA_W/SOIL
ALS Vial : 11 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Quant Time: May 31 07:44:38 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W052019S.M
Quant Title : SW846 8260
QLast Update : Tue May 21 06:38:43 2019
Response via : Initial Calibration



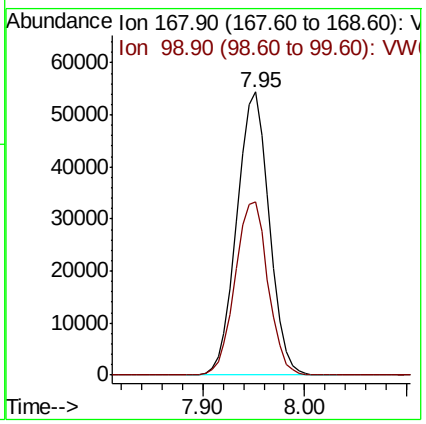


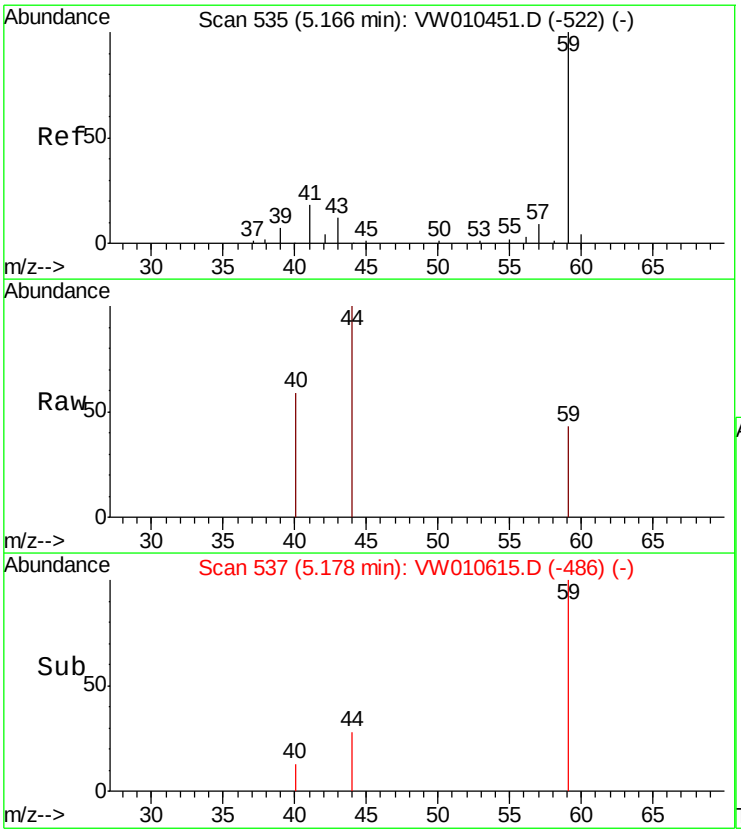
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion:168 Resp: 119931

Ion	Ratio	Lower	Upper
168	100		
99	61.2	46.1	69.1

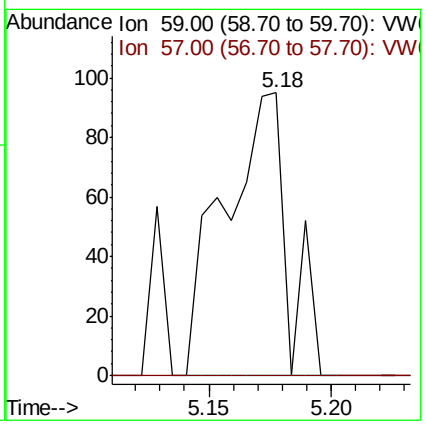


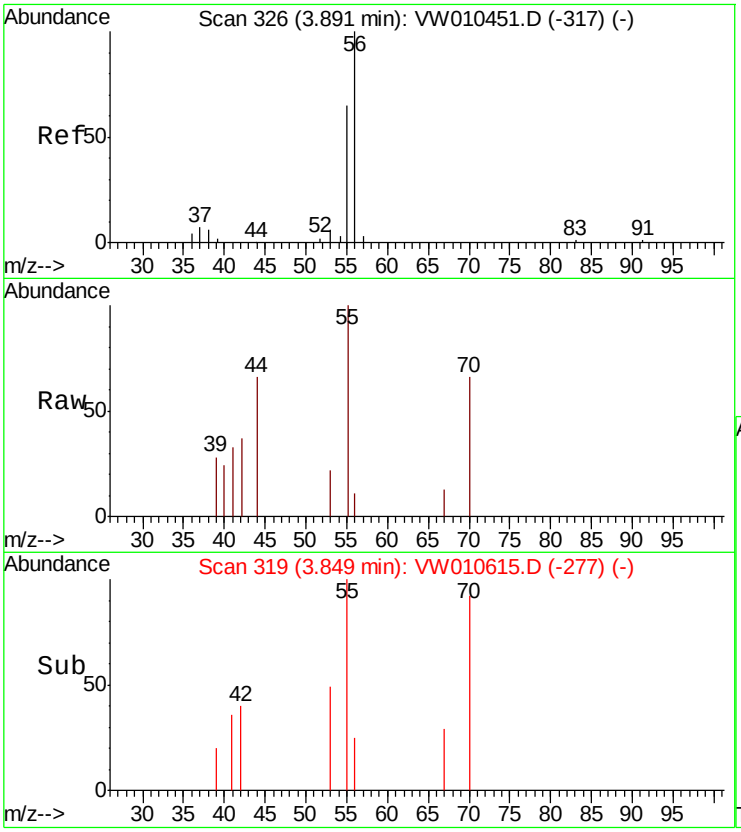


#11
Tert butyl alcohol
Concen: 1.554 ug/l
RT: 5.18 min Scan# 537
Delta R.T. 0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 59 Resp: 173

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.8	13.2#



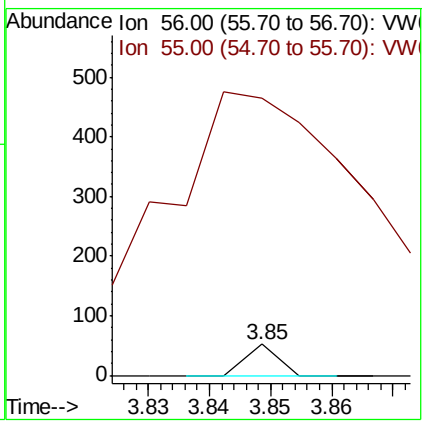


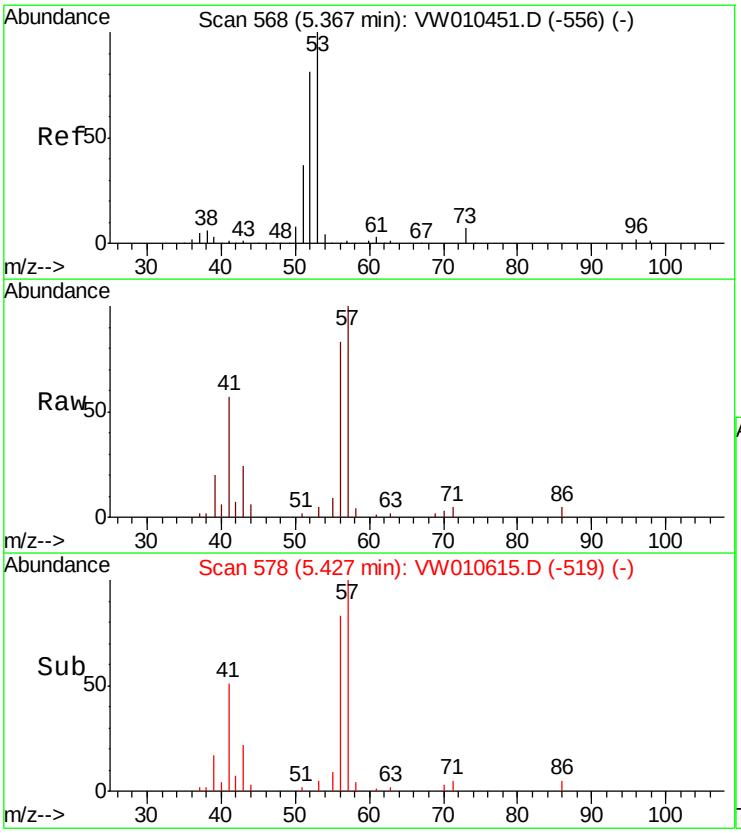
#13
Acrolein
Concen: Below Cal
RT: 3.85 min Scan# 319
Delta R.T. -0.04 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 56 Resp: 19

Ion	Ratio	Lower	Upper
56	100		
55	6473.7	57.9	86.9#

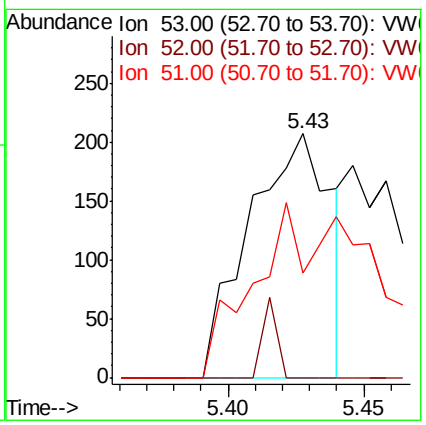


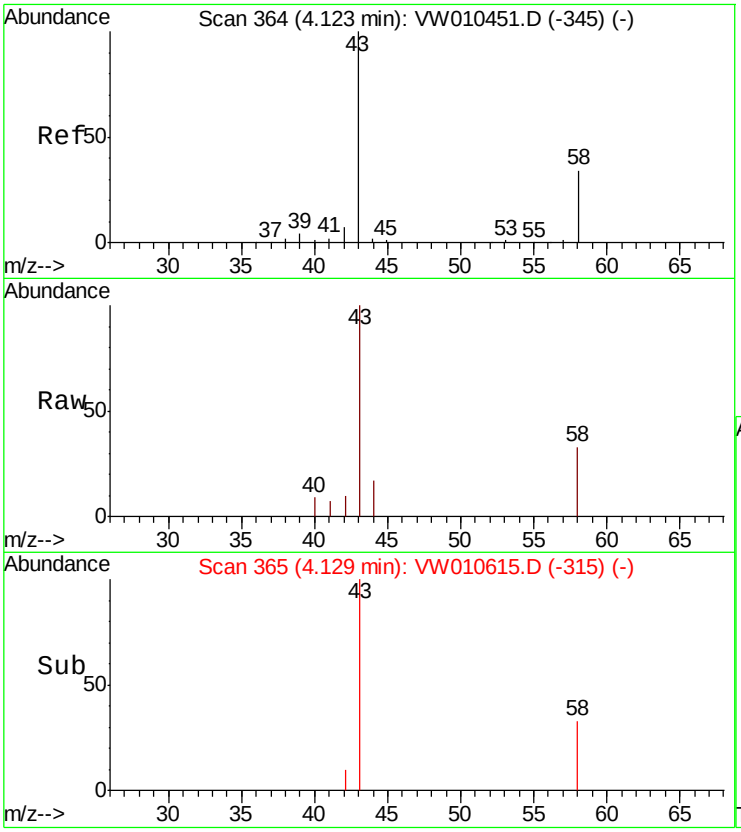


#15
Acrylonitrile
Concen: 1.510 ug/l
RT: 5.43 min Scan# 578
Delta R.T. 0.06 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 53 Resp: 432

Ion	Ratio	Lower	Upper
53	100		
52	5.8	65.6	98.4#
51	44.4	29.5	44.3#



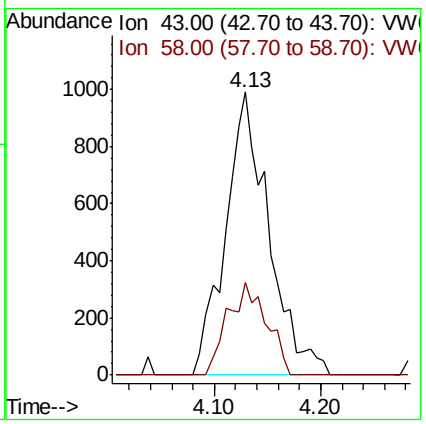


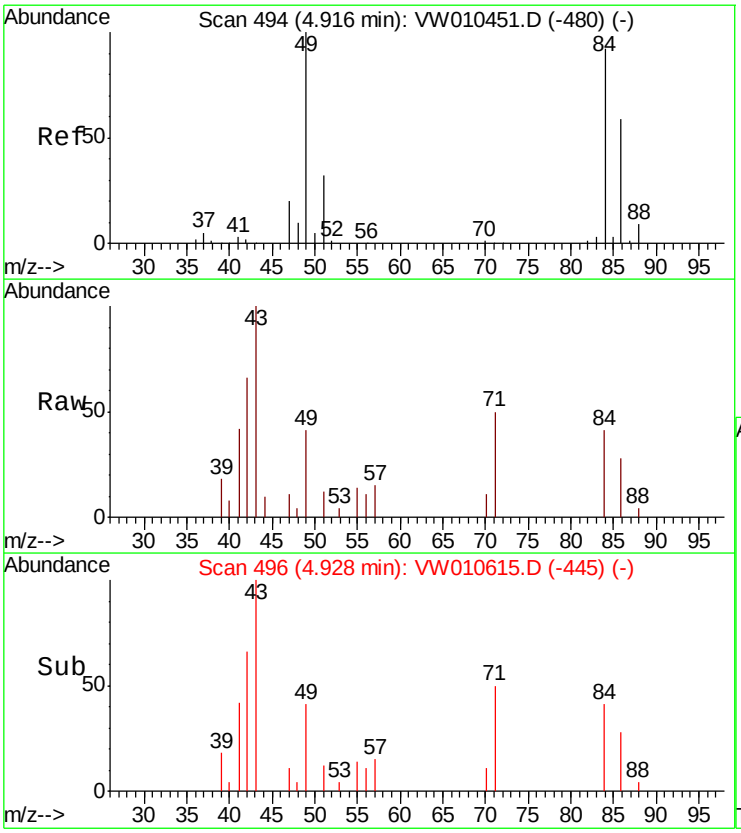
#16
Acetone
Concen: 11.137 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 43 Resp: 2814

Ion	Ratio	Lower	Upper
43	100		
58	32.8	27.0	40.4

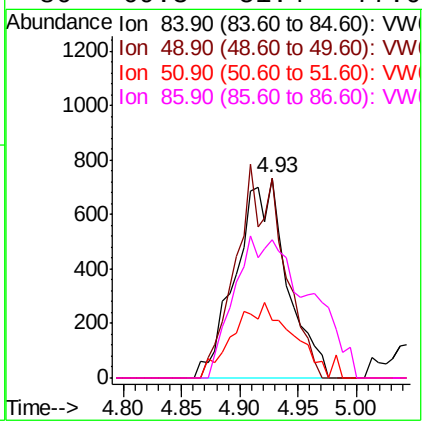


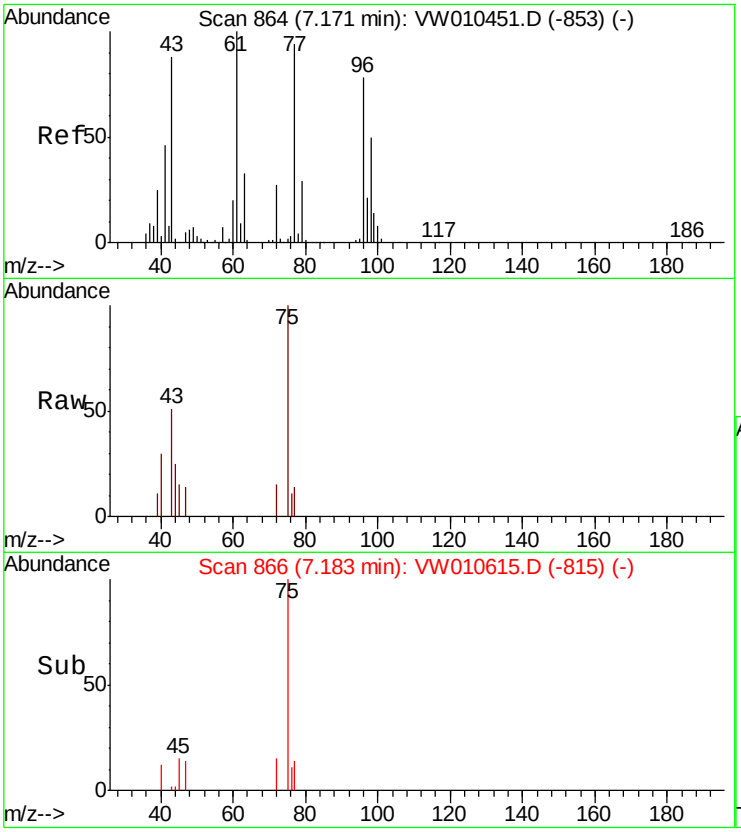


#20
Methylene Chloride
Concen: Below Cal
RT: 4.93 min Scan# 496
Delta R.T. 0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 84 Resp: 2210

Ion	Ratio	Lower	Upper
84	100		
49	100.1	87.2	130.8
51	28.9	27.7	41.5
86	69.3	51.4	77.0



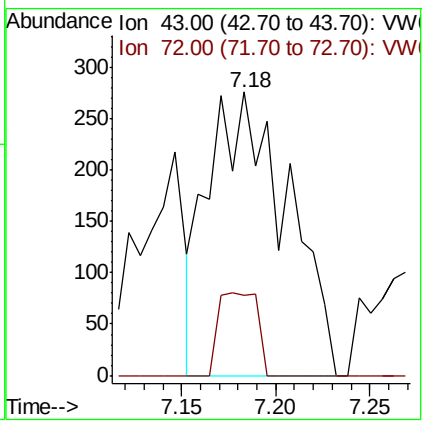


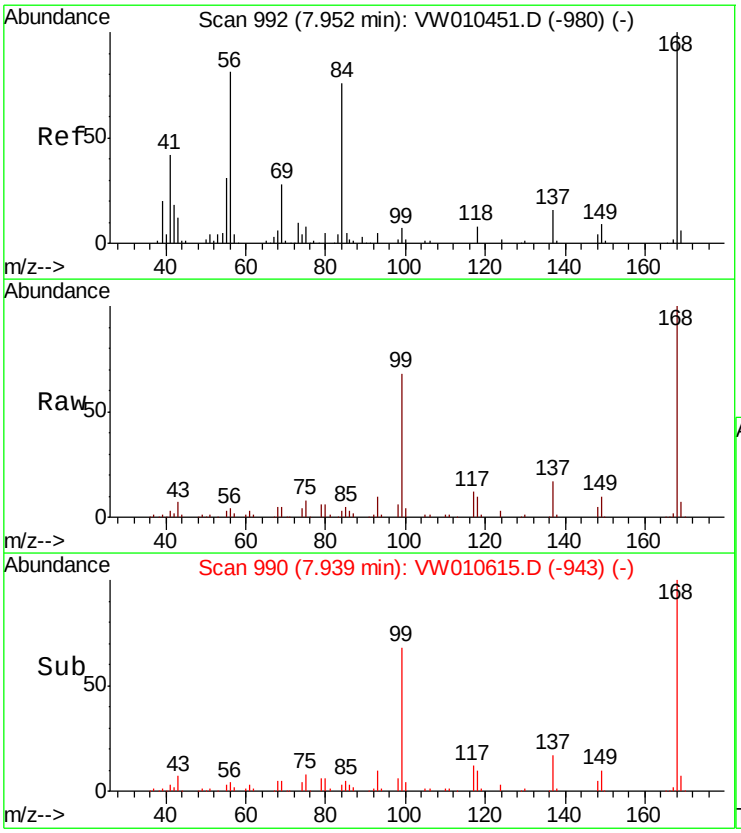
#25
2-Butanone
Concen: 2.218 ug/l
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 43 Resp: 802

Ion	Ratio	Lower	Upper
43	100		
72	28.3	24.1	36.1

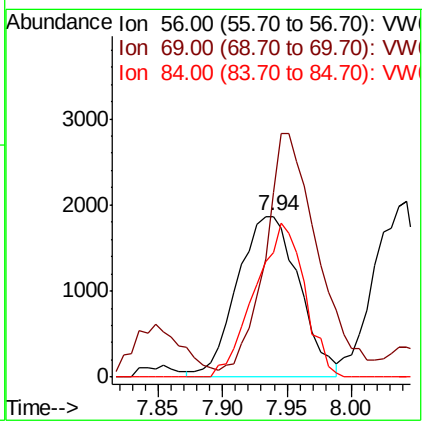


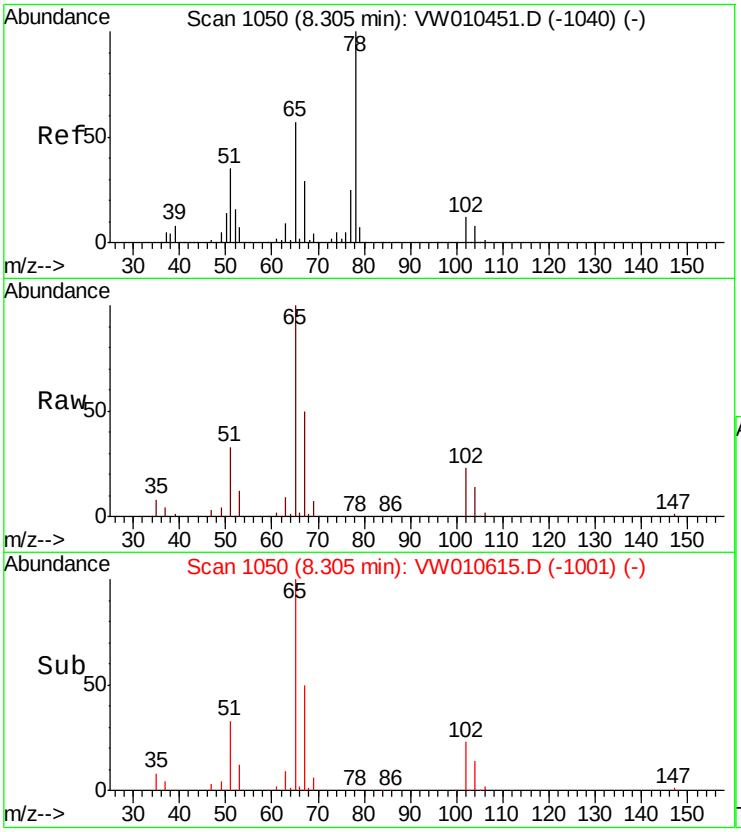


#31
Cyclohexane
Concen: 2.647 ug/l
RT: 7.94 min Scan# 990
Delta R.T. -0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 56 Resp: 6221

Ion	Ratio	Lower	Upper
56	100		
69	99.7	28.2	42.2#
84	79.7	75.8	113.8



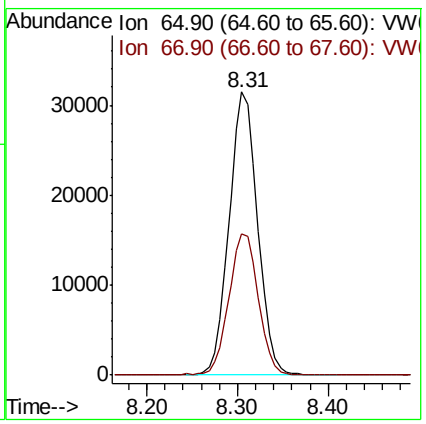


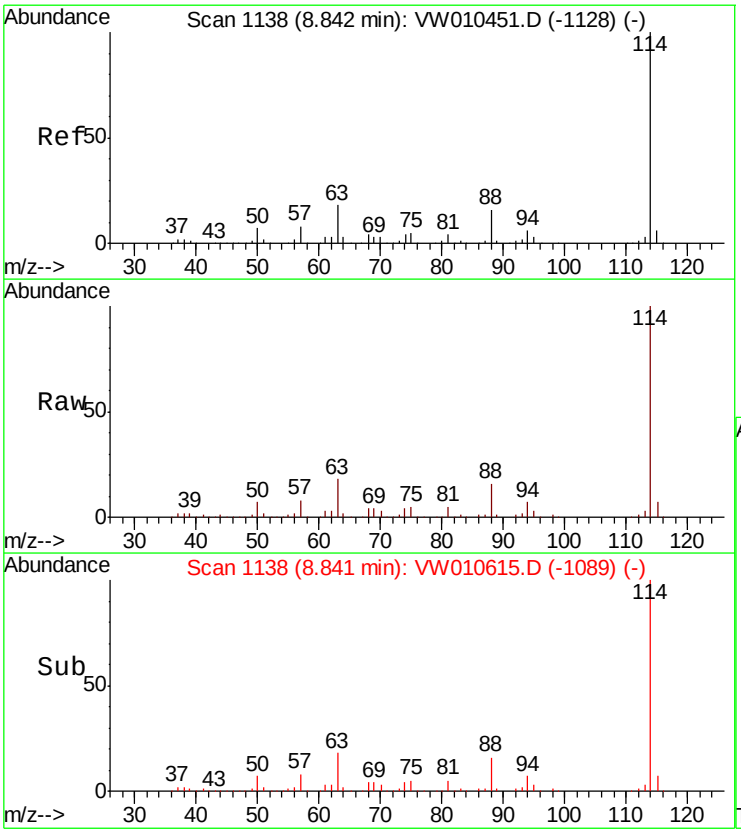
#33
1,2-Dichloroethane-d4
Concen: 55.374 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 65 Resp: 68547

Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	103.6

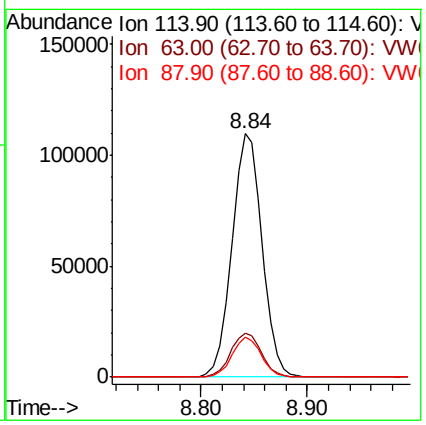


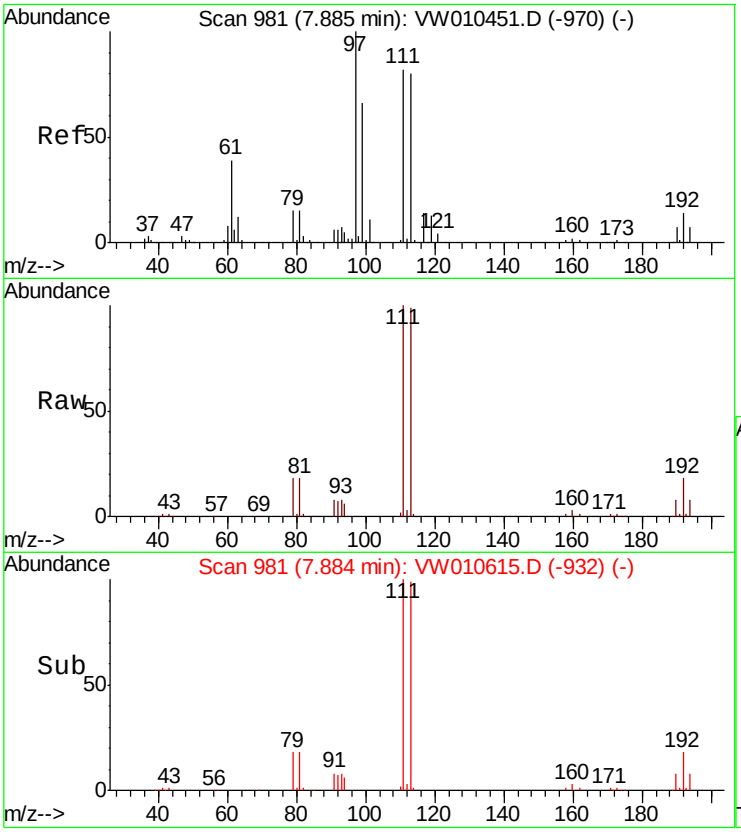


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion:114 Resp: 217048

Ion	Ratio	Lower	Upper
114	100		
63	18.3	0.0	36.0
88	16.3	0.0	32.0



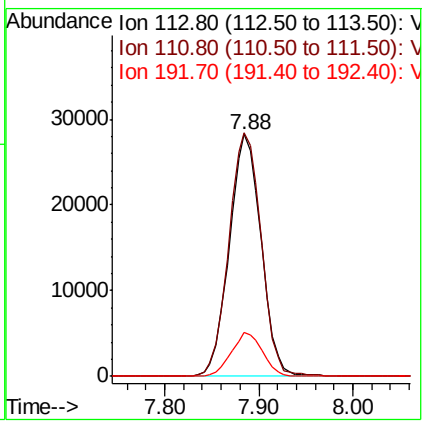


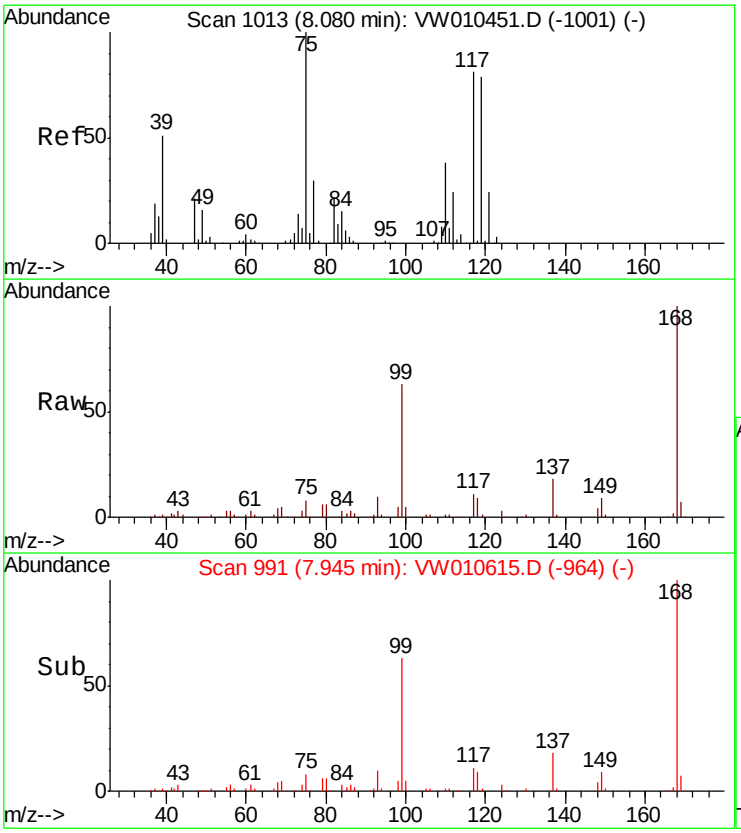
#35
Dibromofluoromethane
Concen: 50.248 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion:113 Resp: 66177

Ion	Ratio	Lower	Upper
113	100		
111	102.5	82.2	123.4
192	17.7	14.3	21.5

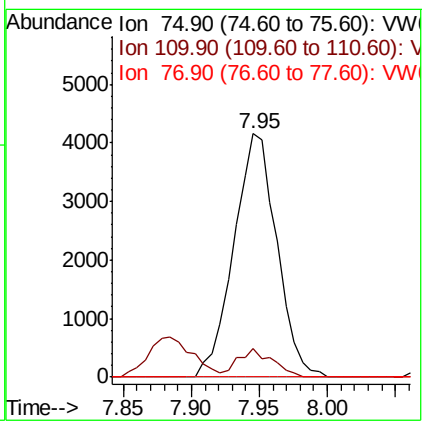


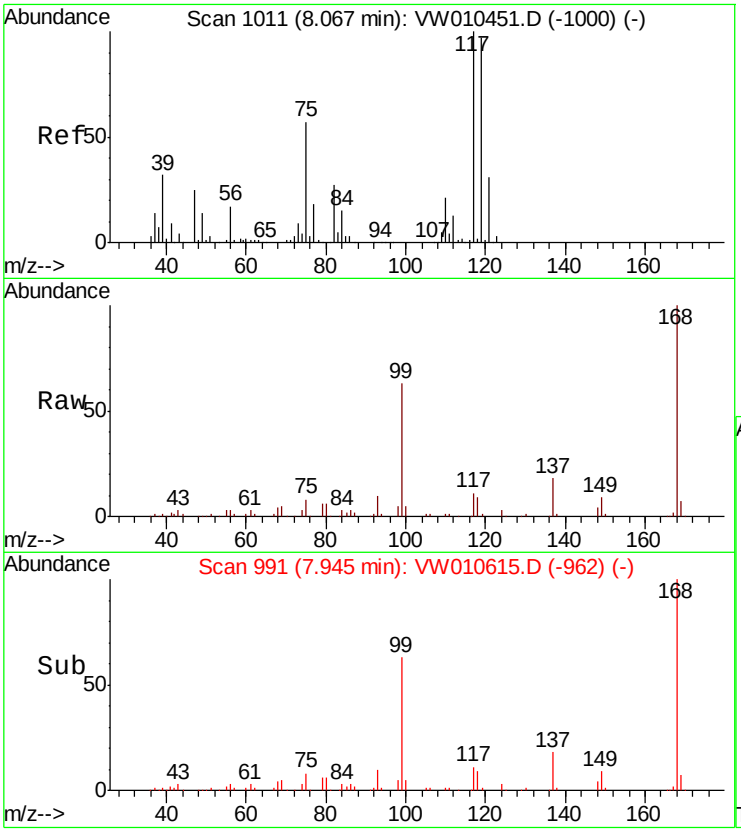


#36
1,1-Dichloropropene
Concen: 4.531 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 75 Resp: 9162

Ion	Ratio	Lower	Upper
75	100		
110	9.5	19.2	57.6#
77	0.0	25.2	37.8#



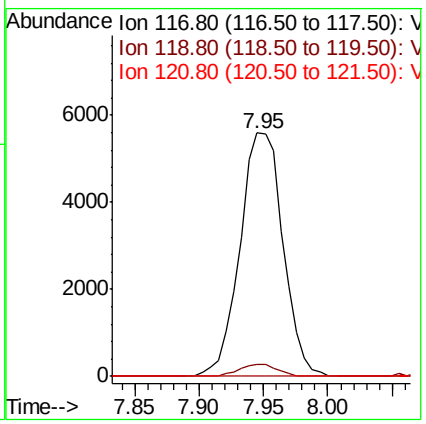


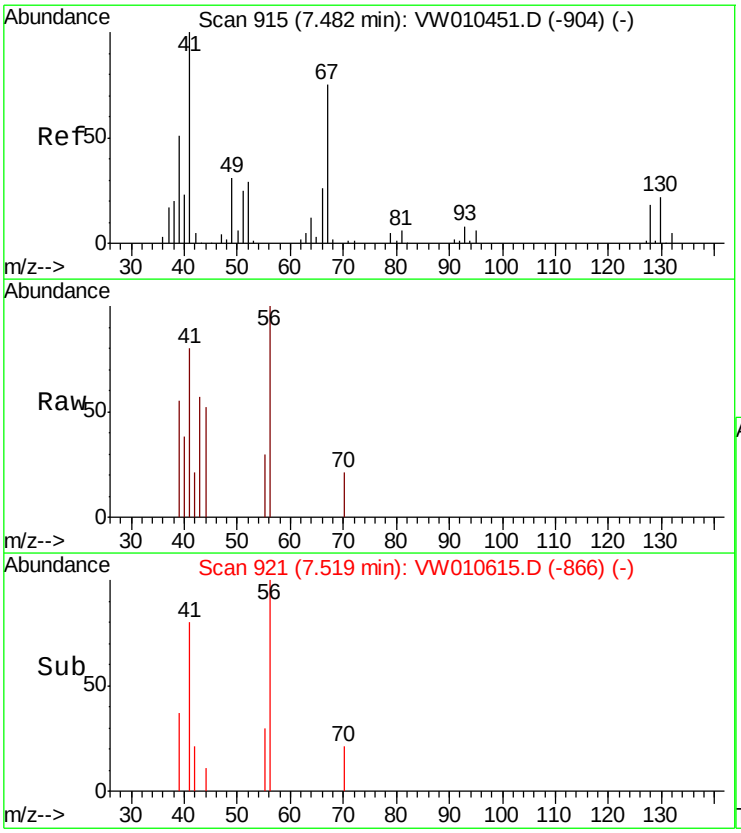
#38
Carbon Tetrachloride
Concen: 5.917 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion:117 Resp: 12905

Ion	Ratio	Lower	Upper
117	100		
119	4.8	77.4	116.0#
121	0.0	25.0	37.6#

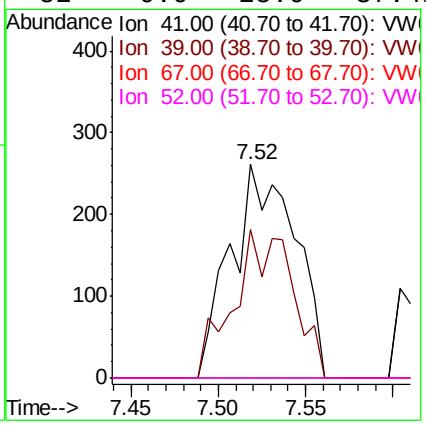


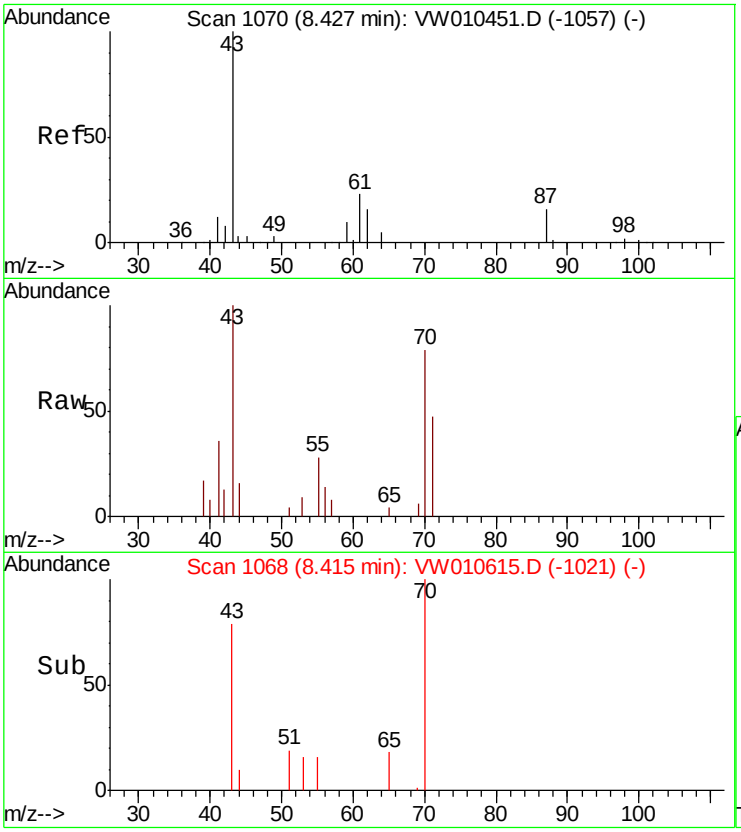


#41
Methacrylonitrile
Concen: 1.311 ug/l
RT: 7.52 min Scan# 921
Delta R.T. 0.04 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 41 Resp: 670

Ion	Ratio	Lower	Upper
41	100		
39	63.1	47.4	71.2
67	0.0	65.5	98.3#
52	0.0	25.0	37.4#



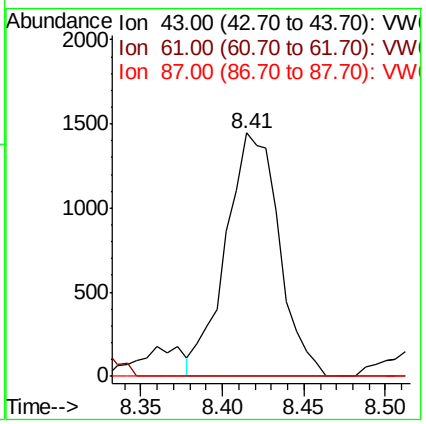


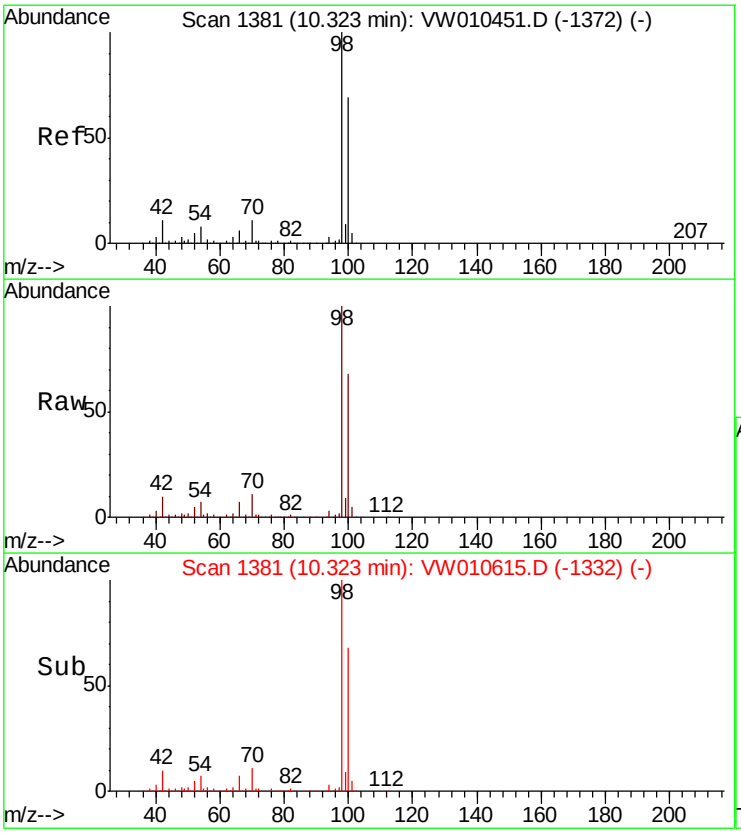
#43
Isopropyl Acetate
Concen: 1.908 ug/l
RT: 8.41 min Scan# 1068
Delta R.T. -0.01 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 43 Resp: 3278

Ion	Ratio	Lower	Upper
43	100		
61	0.0	25.4	38.2#
87	0.0	12.7	19.1#

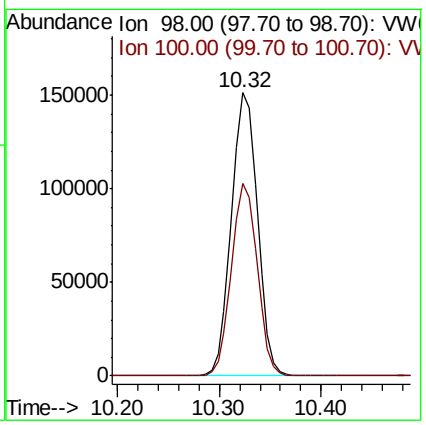


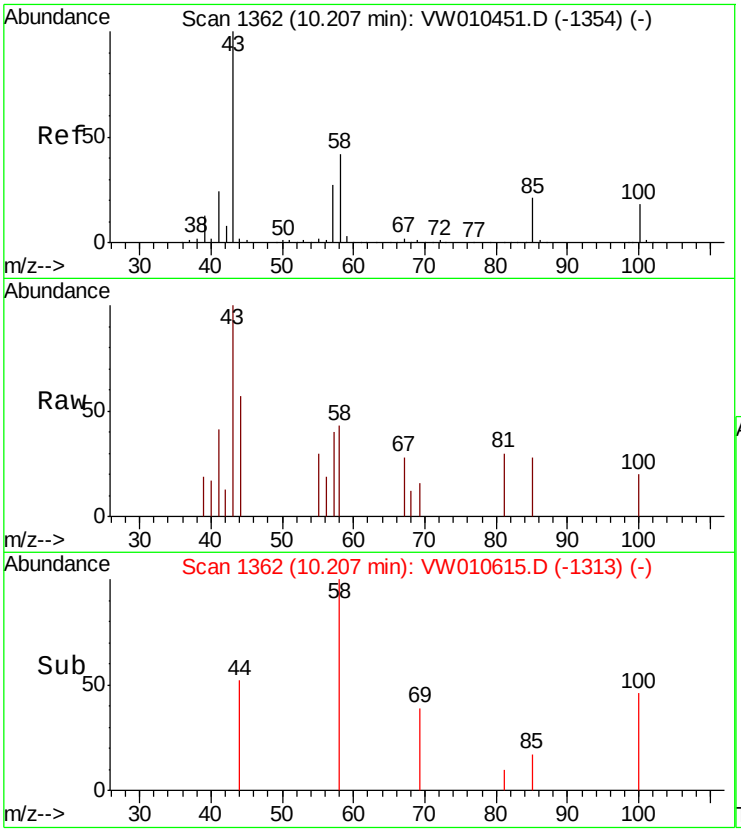


#50
Toluene-d8
Concen: 53.268 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 98 Resp: 268005

Ion	Ratio	Lower	Upper
98	100		
100	67.3	53.7	80.5



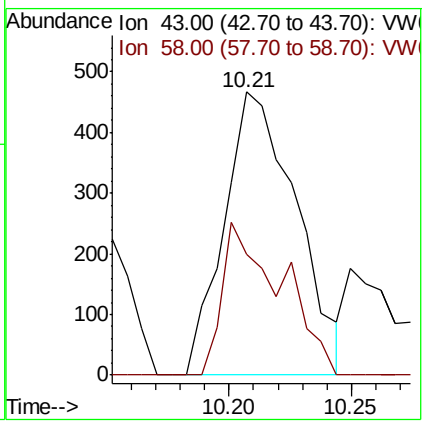


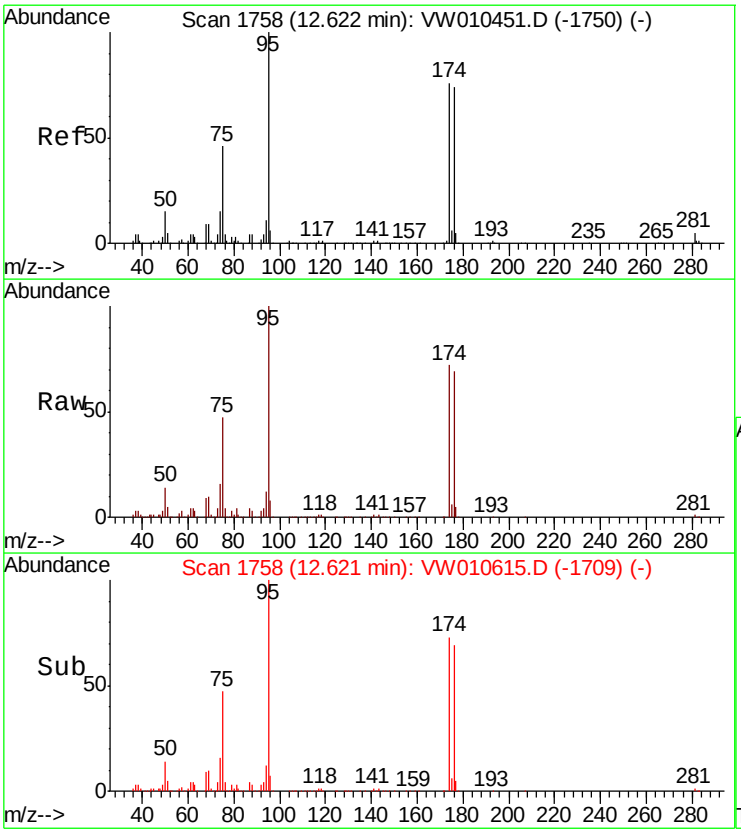
#51
4-Methyl-2-Pentanone
Concen: 1.101 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 43 Resp: 958

Ion	Ratio	Lower	Upper
43	100		
58	44.2	33.2	49.8

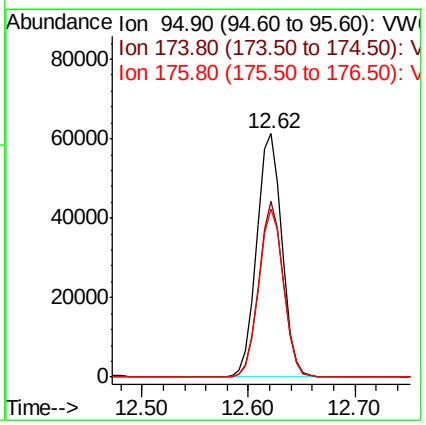


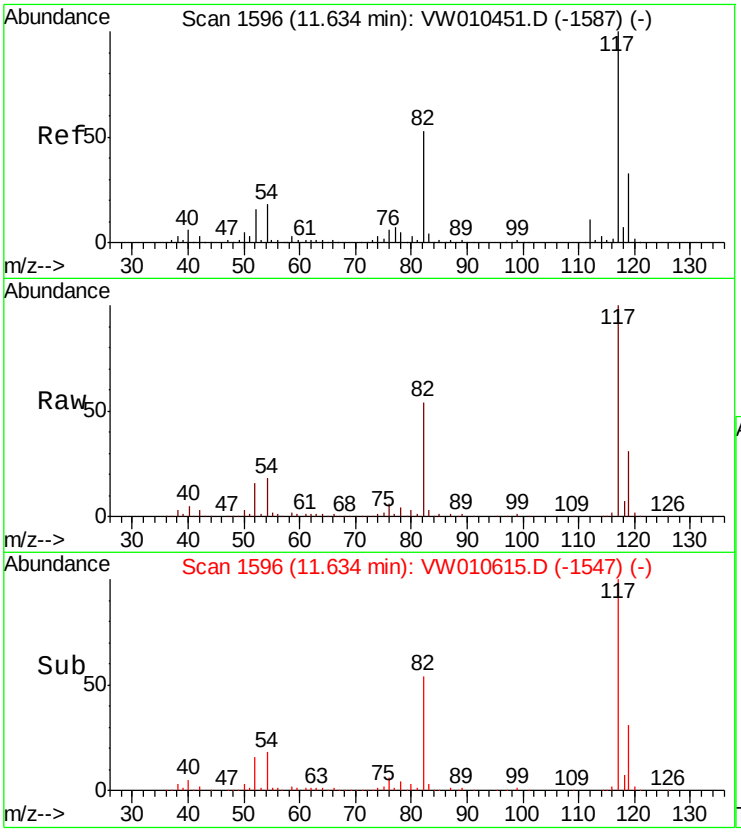


#62
4-Bromofluorobenzene
Concen: 51.047 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 95 Resp: 102299

Ion	Ratio	Lower	Upper
95	100		
174	69.5	0.0	148.6
176	67.7	0.0	144.2



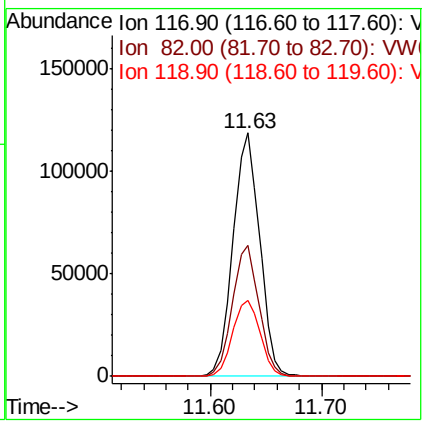


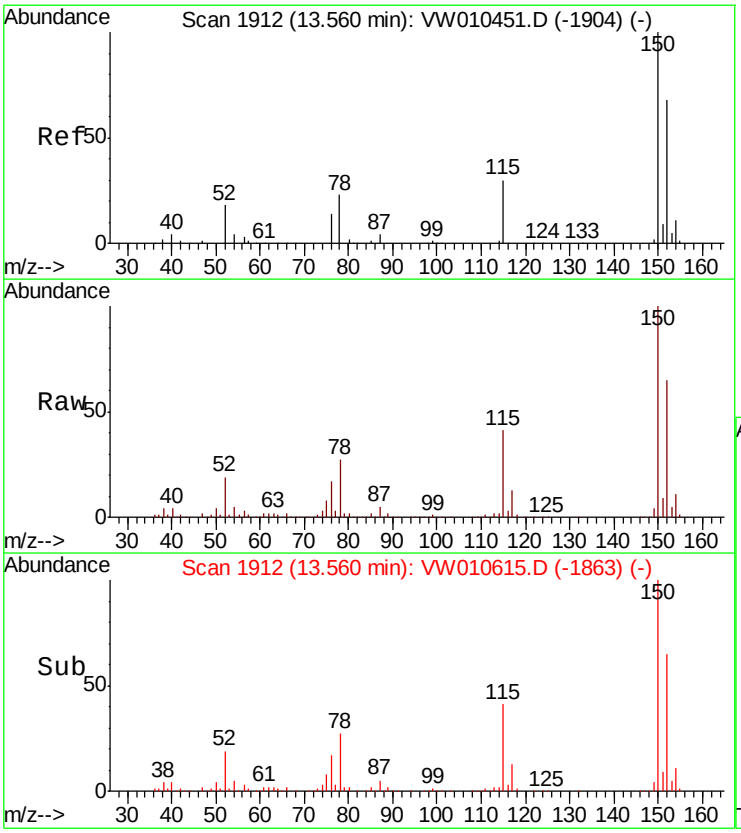
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion:117 Resp: 196323

Ion	Ratio	Lower	Upper
117	100		
82	53.6	42.8	64.2
119	31.1	26.3	39.5

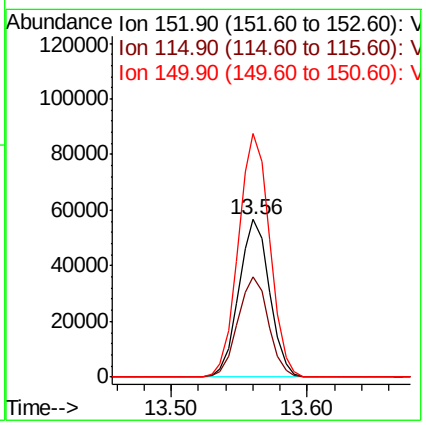


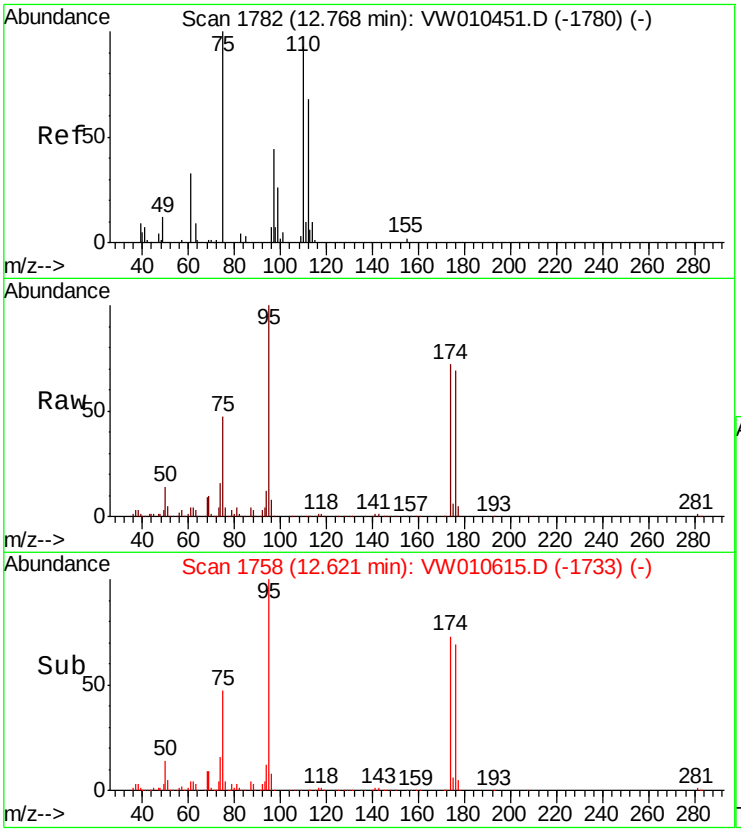


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion:152 Resp: 89470

Ion	Ratio	Lower	Upper
152	100		
115	63.3	30.3	91.0
150	157.3	0.0	349.8



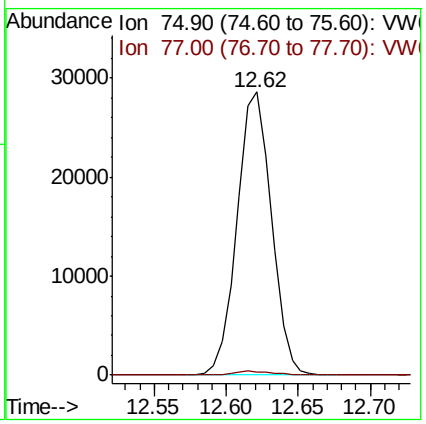


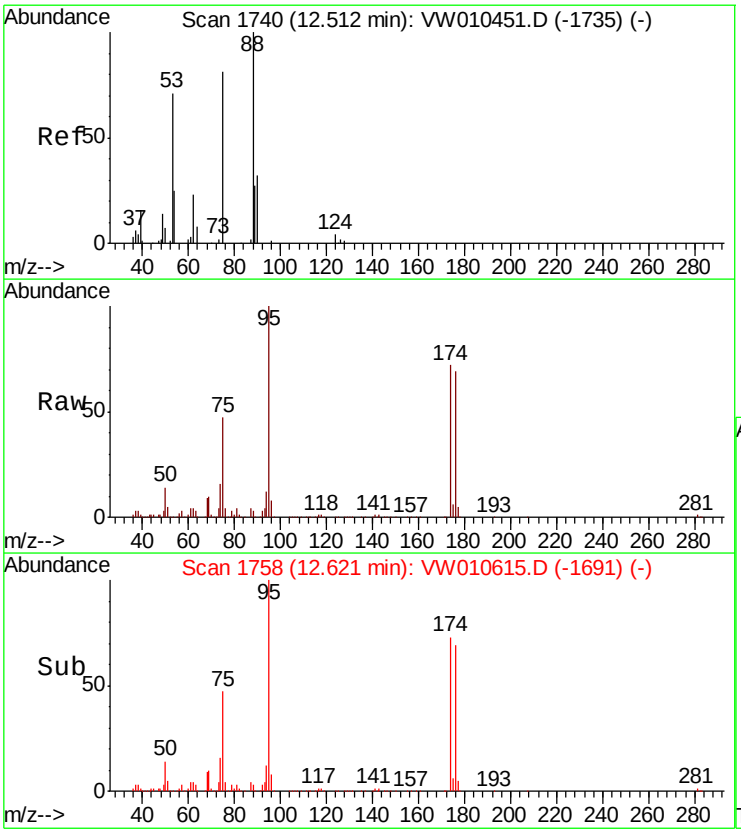
#76
1,2,3-Trichloropropane
Concen: 52.064 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Instrument :
MSVOA_W
ClientSampleId :
0424-HR-4(HACKENSACK)

Tgt Ion: 75 Resp: 47283

Ion	Ratio	Lower	Upper
75	100		
77	1.5	170.0	510.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 108.658 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010615.D
Acq: 30 May 2019 15:30

Tgt Ion: 75 Resp: 47283

Ion	Ratio	Lower	Upper
75	100		
53	0.4	69.8	104.8#
89	0.1	39.5	59.3#