Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW053019\
Data File : VW010613.D
Acq On : 30 May 2019 14:35
Operator : SY/VA
Sample : K3097-02
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : 0422-HR-2(HACKENSACK)

Quant Time: May 31 07:44:15 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	9137	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	15275	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	13066	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	3678	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	4814	51.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.08%			
35) Dibromofluoromethane	7.88	113	4326	46.67	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.34%			
50) Toluene-d8	10.32	98	18603	52.54	ug/l	0.00
Spiked Amount 50.000			Recovery = 105.08%			
62) 4-Bromofluorobenzene	12.62	95	5803	41.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 82.30%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.01	85	20	Below Cal	#	42
6) Chloroethane	2.92	64	90	1.261	ug/l #	43
16) Acetone	4.13	43	705	36.622	ug/l	95
20) Methylene Chloride	4.92	84	339	Below Cal	#	50
25) 2-Butanone	7.14	43	160	5.808	ug/l #	45
26) 2,2-Dichloropropane	7.13	77	179	1.099	ug/l #	52
36) 1,1-Dichloropropene	7.95	75	694	4.877	ug/l #	40
37) Ethyl Acetate	7.14	43	160	2.644	ug/l #	57
38) Carbon Tetrachloride	7.95	117	989	6.443	ug/l #	12
48) Methyl methacrylate	9.45	41	125	2.260	ug/l #	18
51) 4-Methyl-2-Pentanone	10.21	43	232	3.787	ug/l #	34
56) Ethyl methacrylate	10.67	69	113	1.037	ug/l #	1
59) 2-Hexanone	10.98	43	55	1.259	ug/l #	22
74) N-amyl acetate	12.26	43	197	2.946	ug/l #	40
75) 1,1,2,2-Tetrachloroethane	12.68	83	106	1.997	ug/l #	26
76) 1,2,3-Trichloropropane	12.62	75	2709	72.561	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	2709	151.437	ug/l #	14
90) Hexachloroethane	14.22	117	90	1.700	ug/l #	15
95) Naphthalene	15.38	128	236	1.415	ug/l #	69

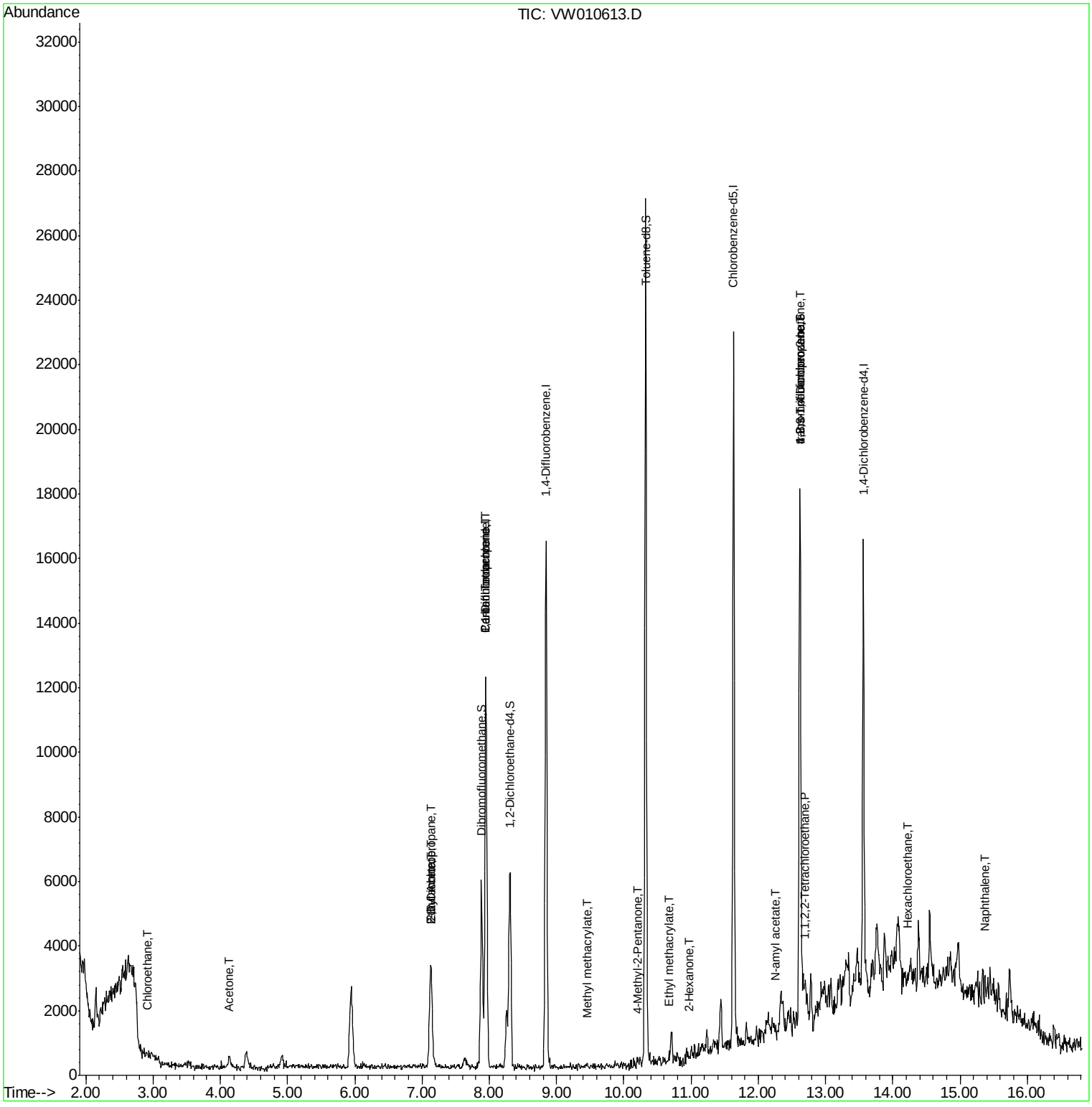
(#) = qualifier out of range (m) = manual integration (+) = signals summed

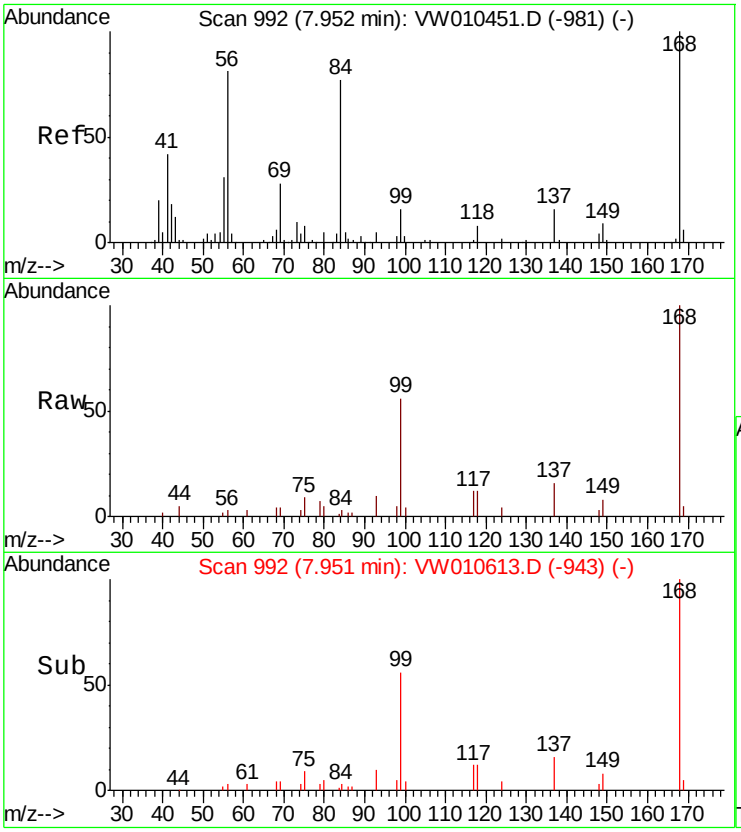
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW053019\
Data File : VW010613.D
Acq On : 30 May 2019 14:35
Operator : SY/VA
Sample : K3097-02
Misc : 5.03G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Quant Time: May 31 07:44:15 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



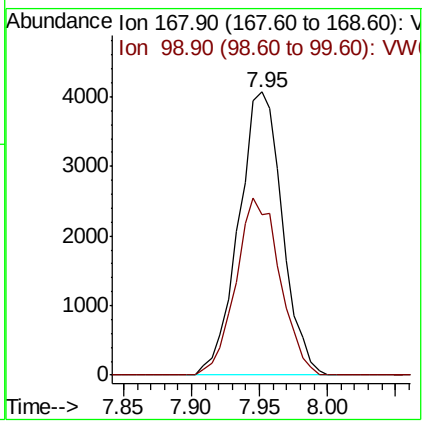


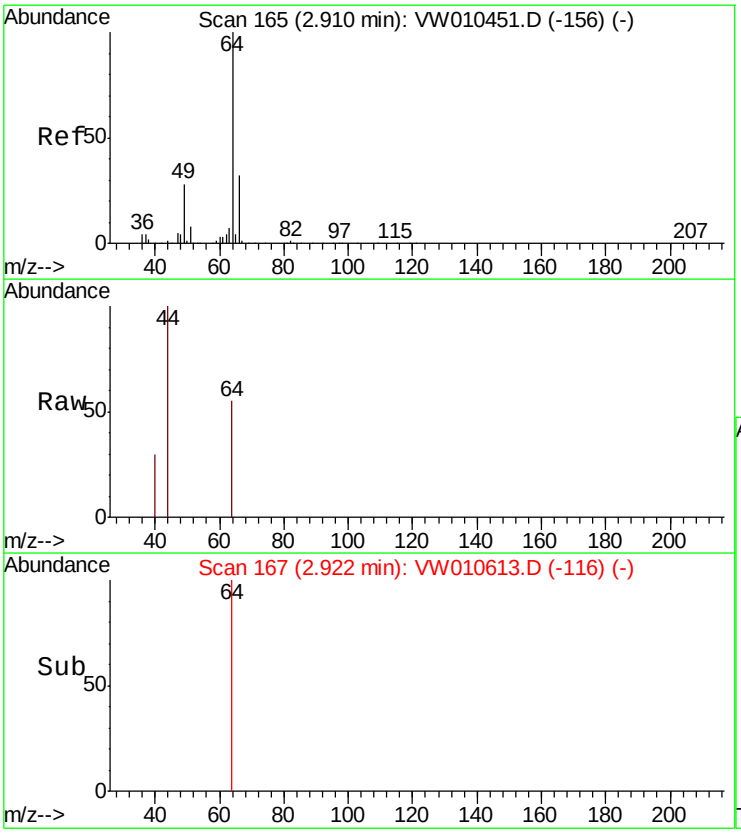
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion:168 Resp: 9137

Ion	Ratio	Lower	Upper
168	100		
99	56.5	46.1	69.1

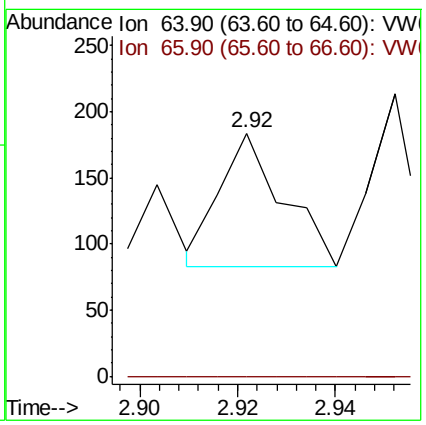


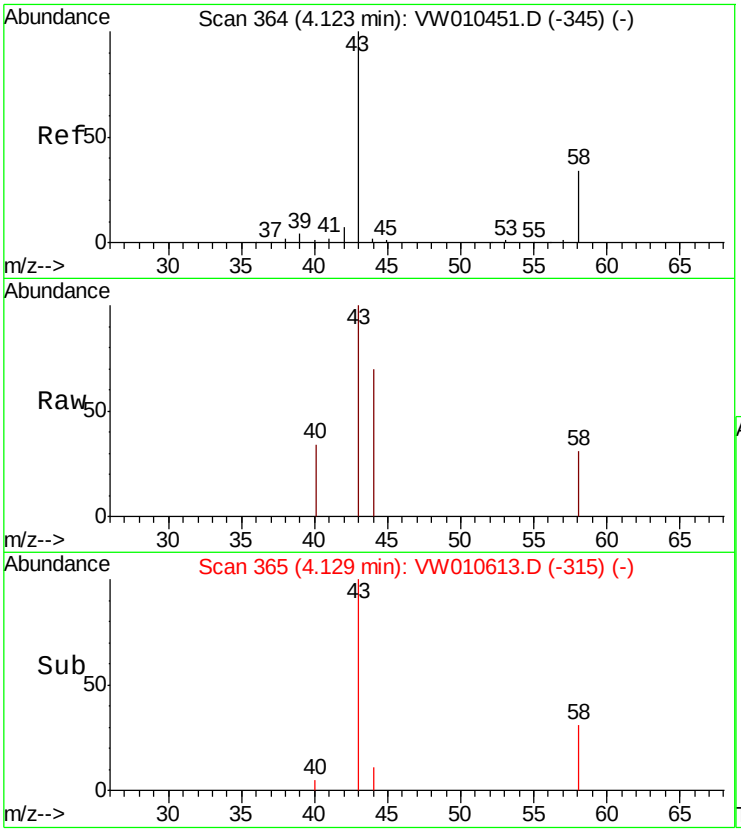


#6
Chloroethane
Concen: 1.261 ug/l
RT: 2.92 min Scan# 167
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 64 Resp: 90

Ion	Ratio	Lower	Upper
64	100		
66	0.0	25.5	38.3#



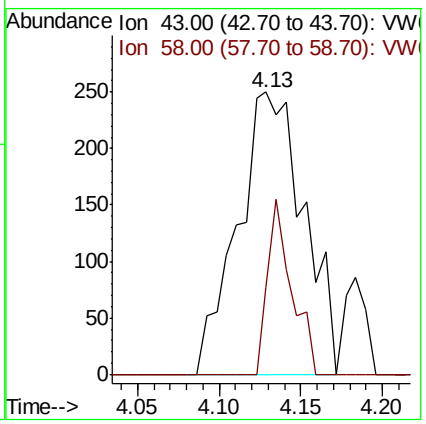


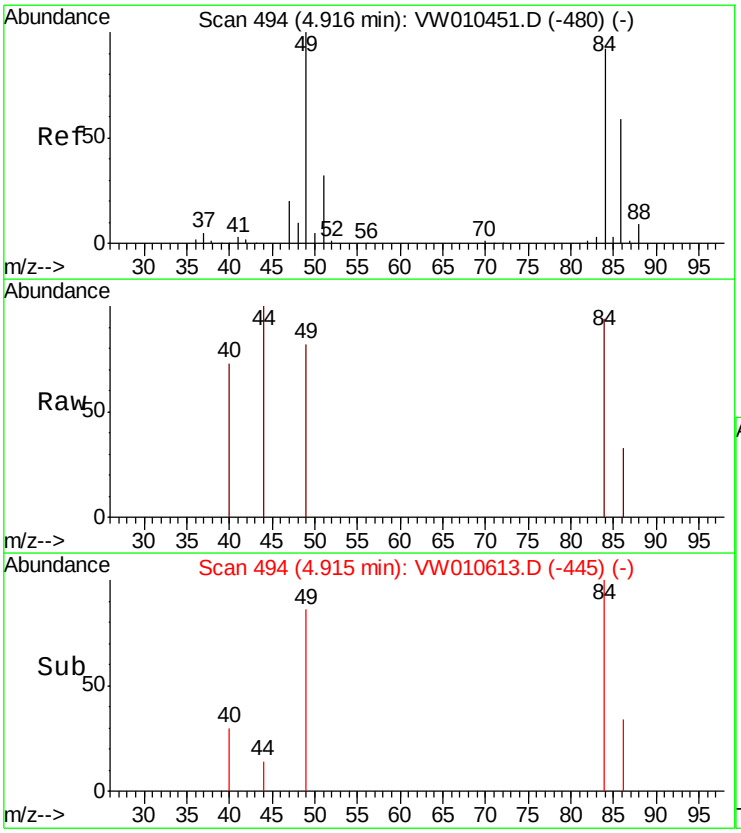
#16
Acetone
Concen: 36.622 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 705

Ion	Ratio	Lower	Upper
43	100		
58	30.8	27.0	40.4

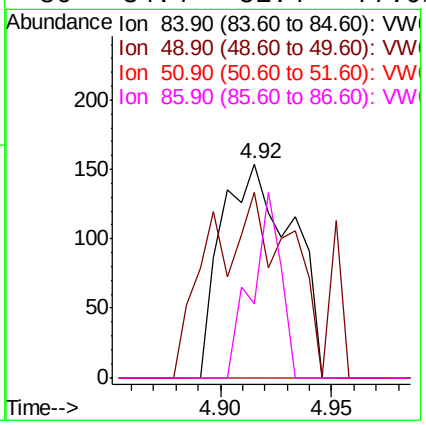


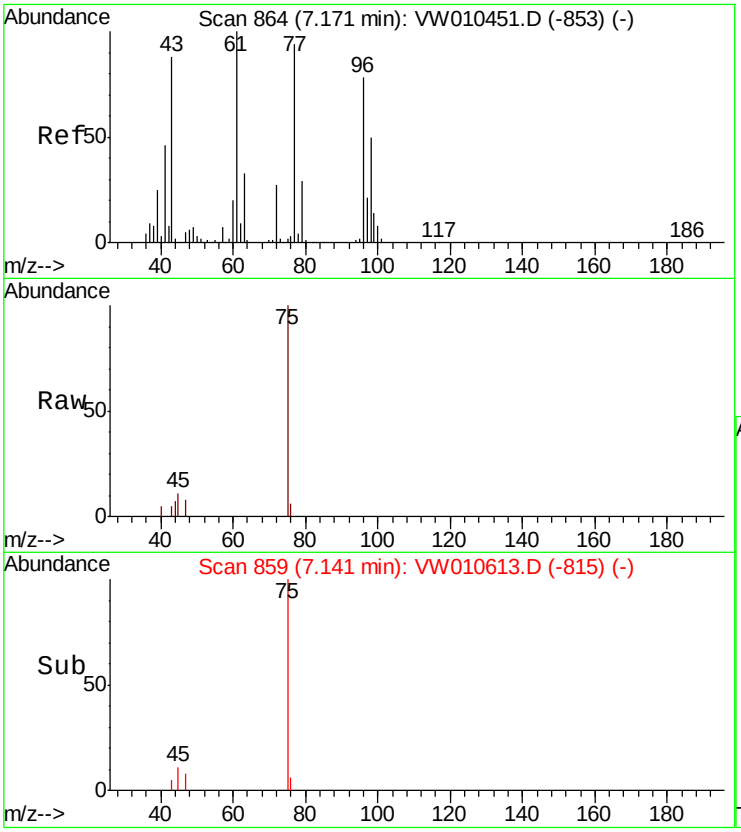


#20
Methylene Chloride
Concen: Below Cal
RT: 4.92 min Scan# 494
Delta R.T. 0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 84 Resp: 339

Ion	Ratio	Lower	Upper
84	100		
49	52.6	87.2	130.8#
51	0.0	27.7	41.5#
86	34.4	51.4	77.0#



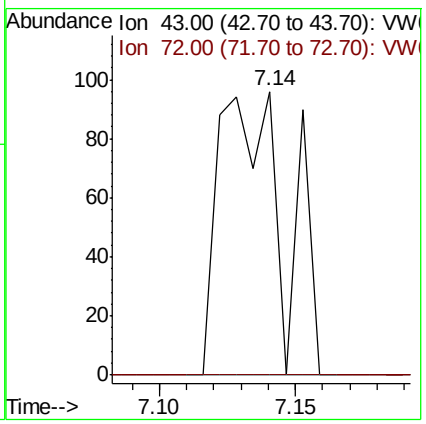


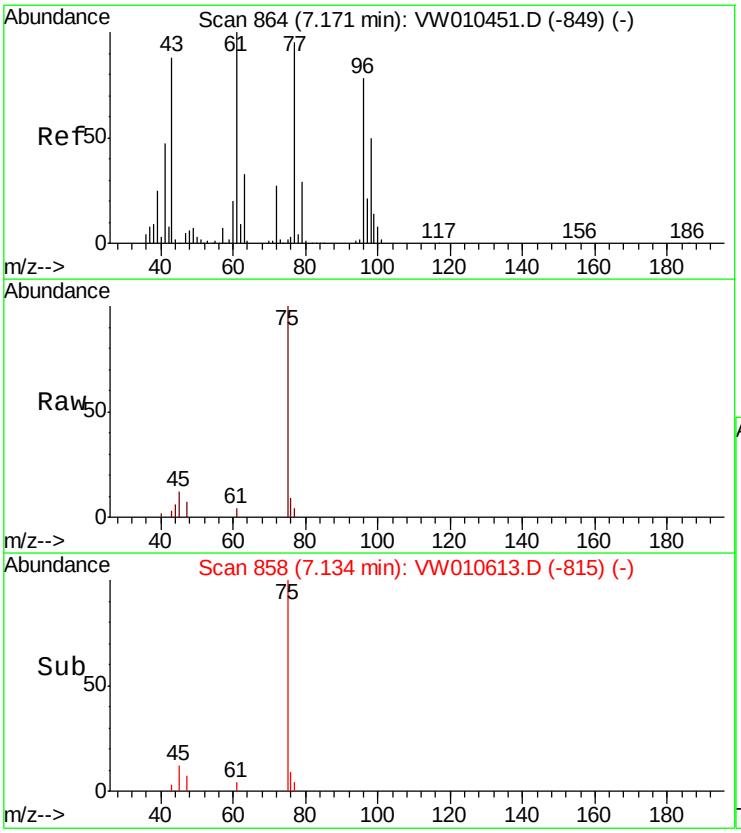
#25
2-Butanone
Concen: 5.808 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.03 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 160

Ion	Ratio	Lower	Upper
43	100		
72	0.0	24.1	36.1#

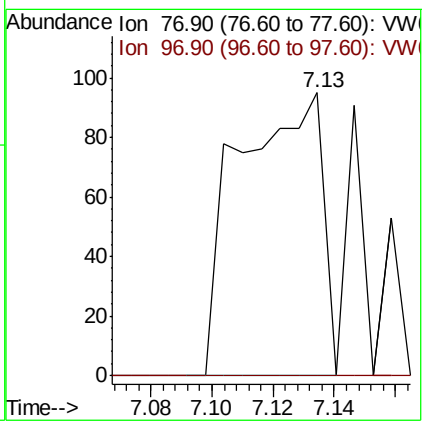


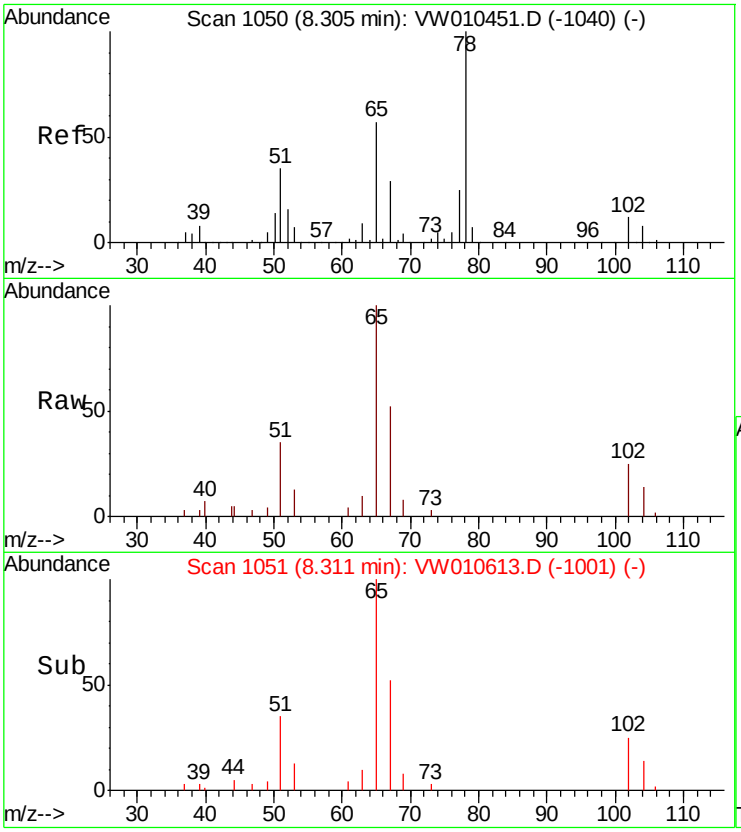


#26
2,2-Dichloropropane
Concen: 1.099 ug/l
RT: 7.13 min Scan# 858
Delta R.T. -0.04 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 77 Resp: 179

Ion	Ratio	Lower	Upper
77	100		
97	0.0	11.7	35.0#



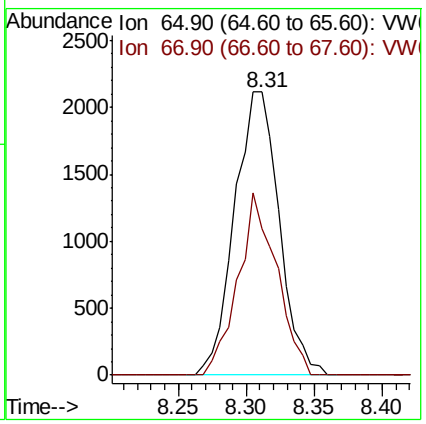


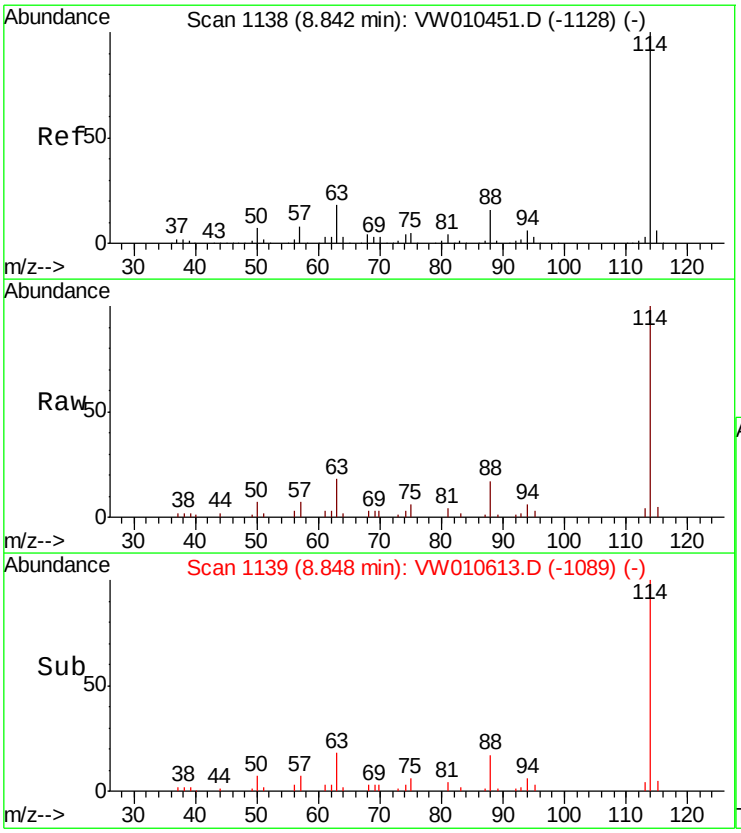
#33
1,2-Dichloroethane-d4
Concen: 51.045 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 65 Resp: 4814

Ion	Ratio	Lower	Upper
65	100		
67	55.8	0.0	103.6

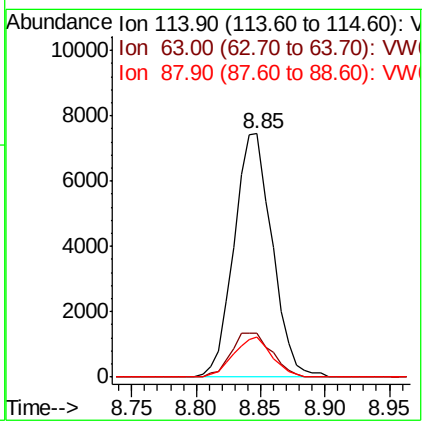


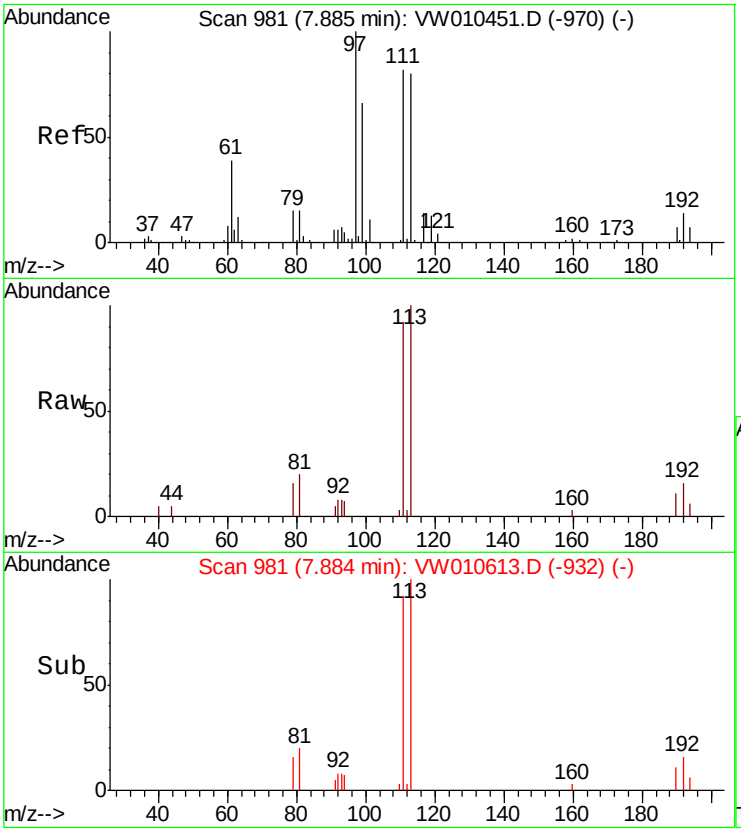


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion:114 Resp: 15275

Ion	Ratio	Lower	Upper
114	100		
63	18.1	0.0	36.0
88	16.7	0.0	32.0



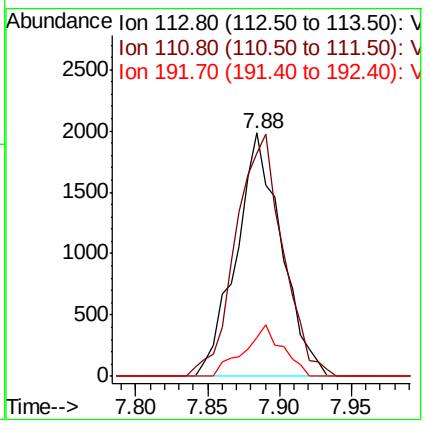


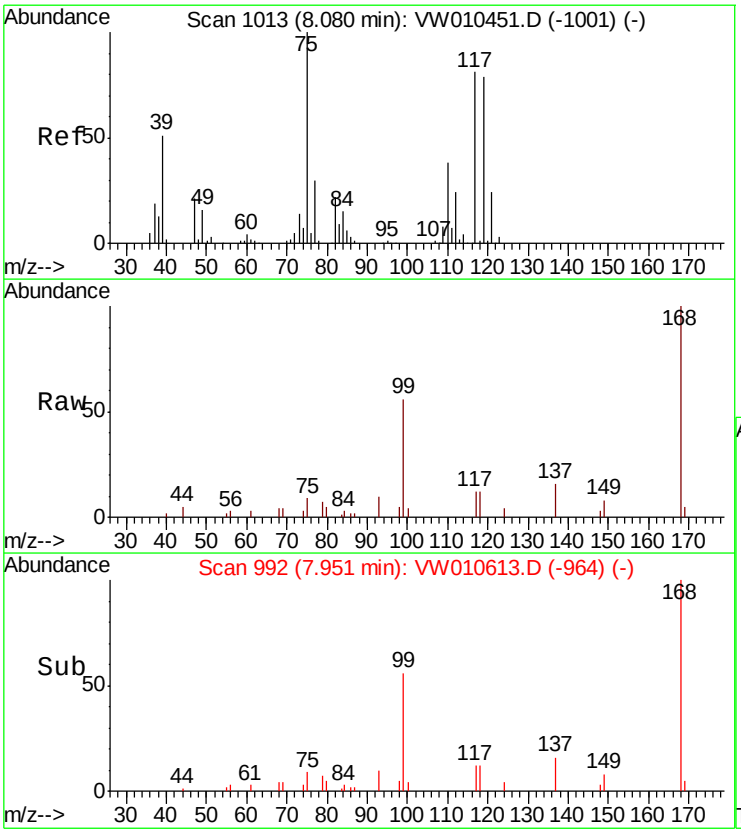
#35
Dibromofluoromethane
Concen: 46.674 ug/l
RT: 7.88 min Scan# 981
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion:113 Resp: 4326

Ion	Ratio	Lower	Upper
113	100		
111	103.6	82.2	123.4
192	18.0	14.3	21.5

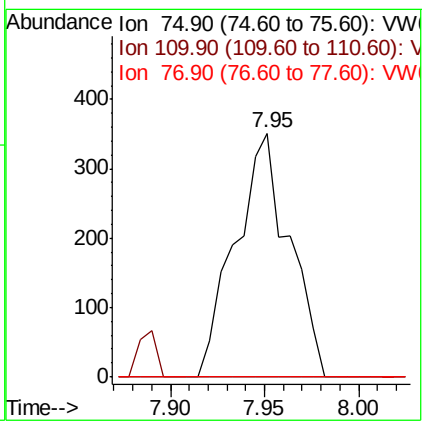


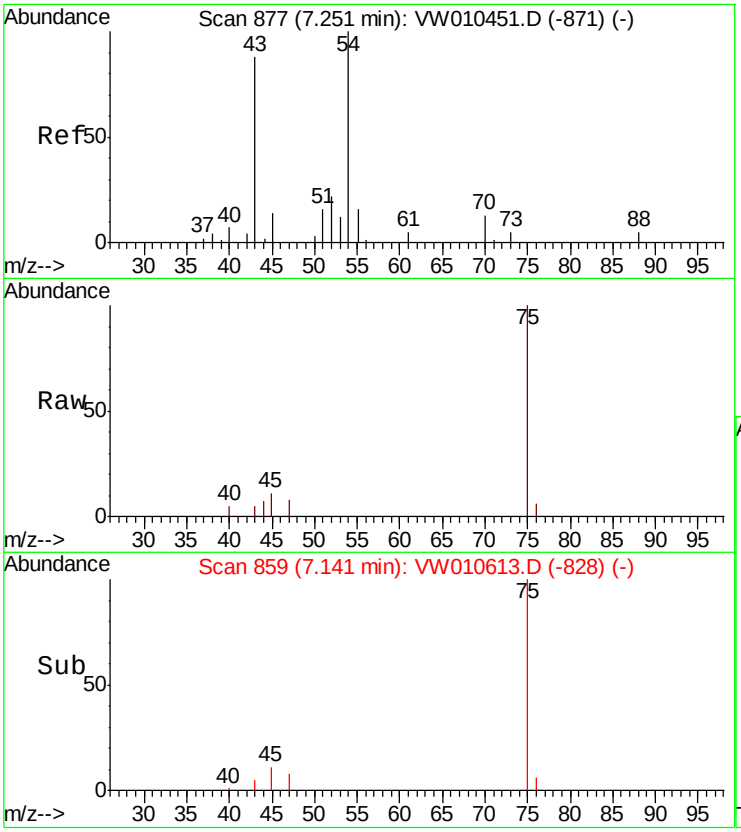


#36
1,1-Dichloropropene
Concen: 4.877 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 75 Resp: 694

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



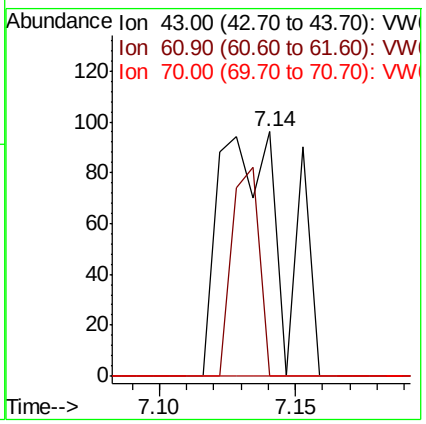


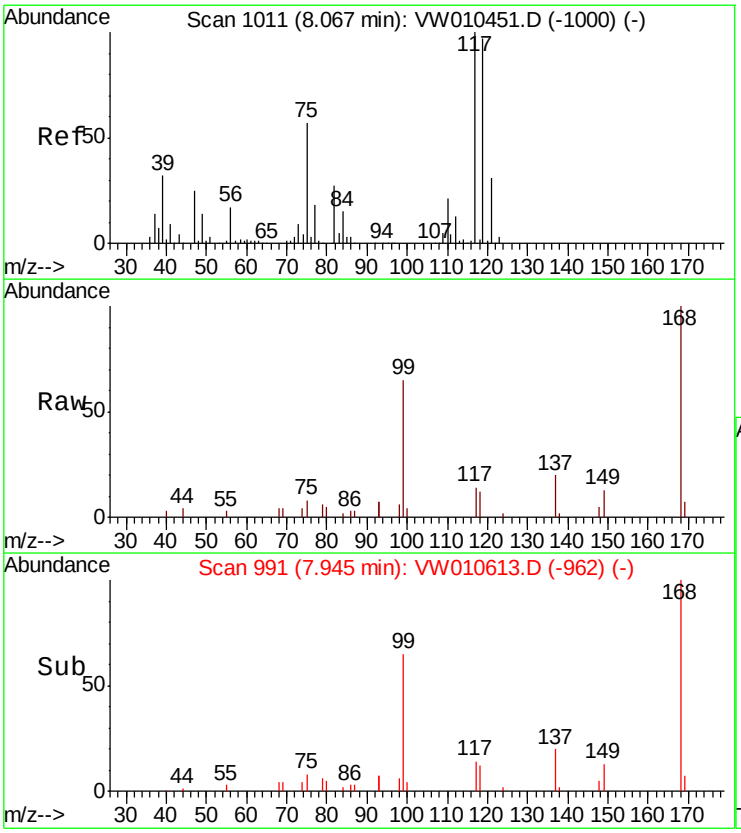
#37
Ethyl Acetate
Concen: 2.644 ug/l
RT: 7.14 min Scan# 859
Delta R.T. -0.11 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 160

Ion	Ratio	Lower	Upper
43	100		
61	35.6	11.2	16.8#
70	0.0	9.9	14.9#

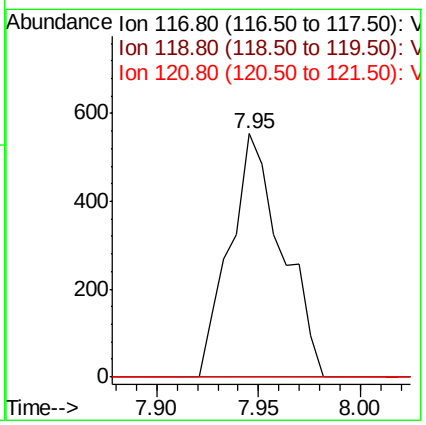


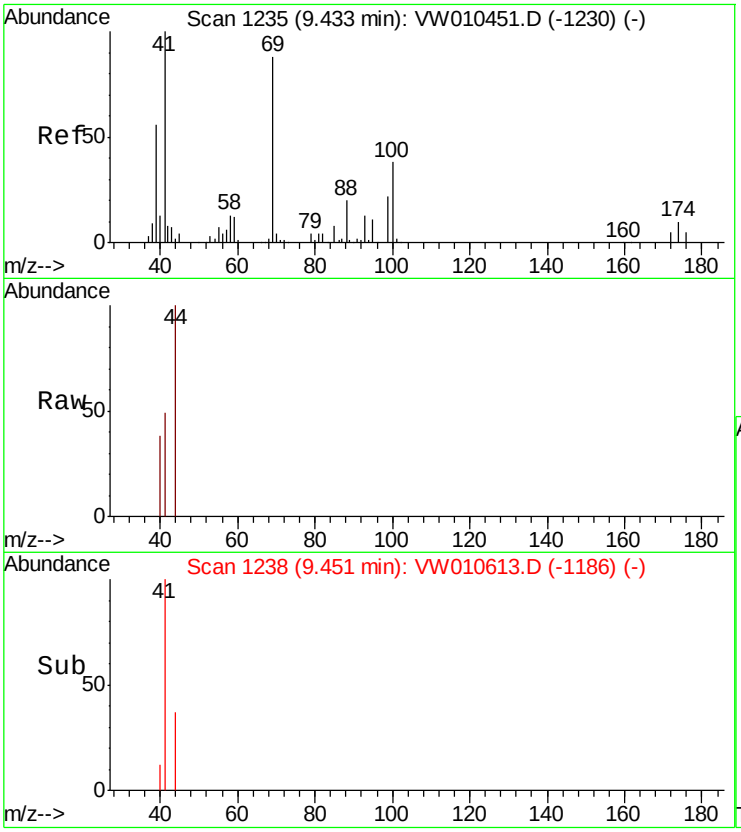


#38
Carbon Tetrachloride
Concen: 6.443 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion:117 Resp: 989

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



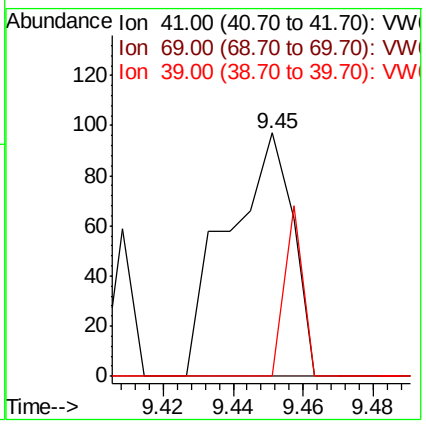


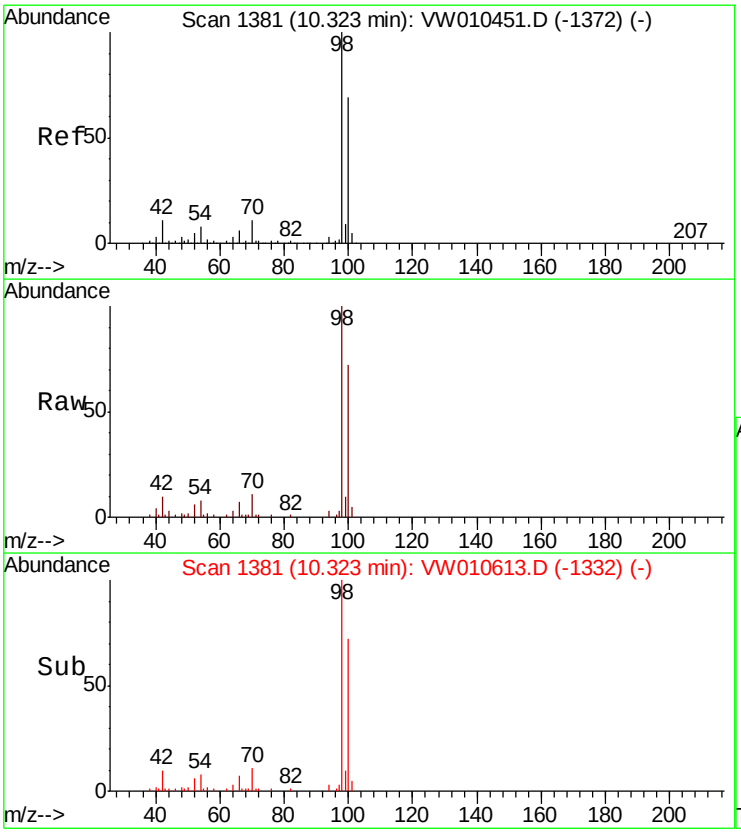
#48
Methyl methacrylate
Concen: 2.260 ug/l
RT: 9.45 min Scan# 1238
Delta R.T. 0.02 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument : MSVOA_W
ClientSampleId : 0422-HR-2(HACKENSACK)

Tgt Ion: 41 Resp: 125

Ion	Ratio	Lower	Upper
41	100		
69	0.0	77.6	116.4#
39	20.0	49.8	74.8#

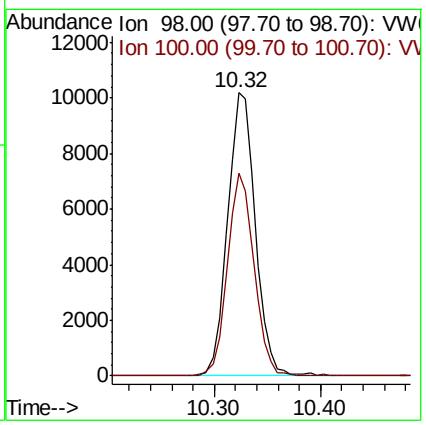


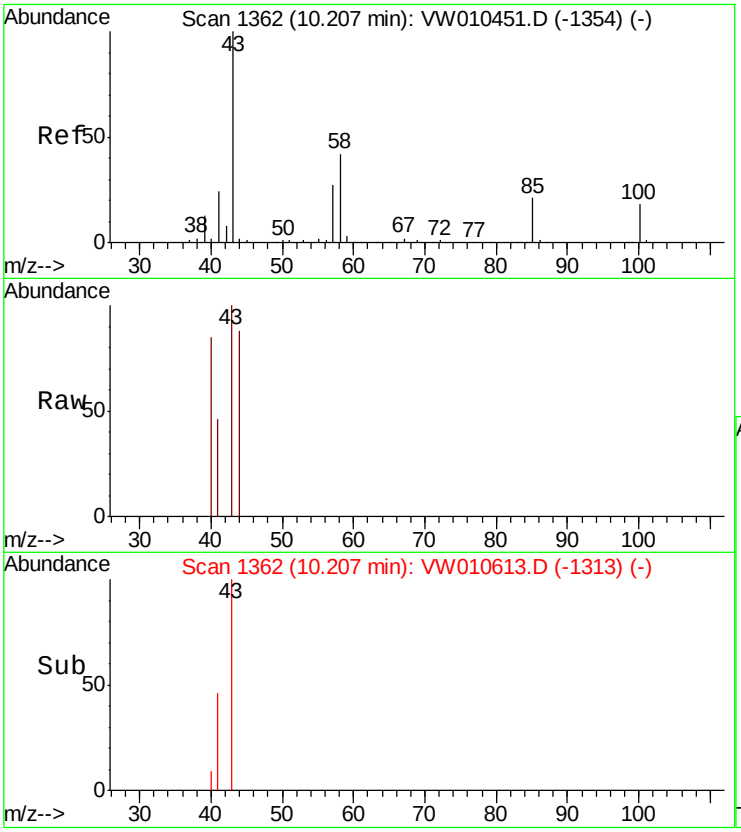


#50
Toluene-d8
Concen: 52.539 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 98 Resp: 18603

Ion	Ratio	Lower	Upper
98	100		
100	68.6	53.7	80.5



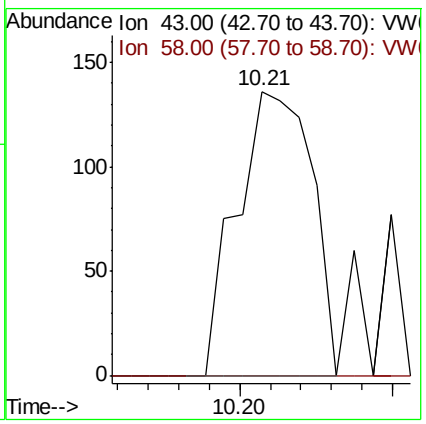


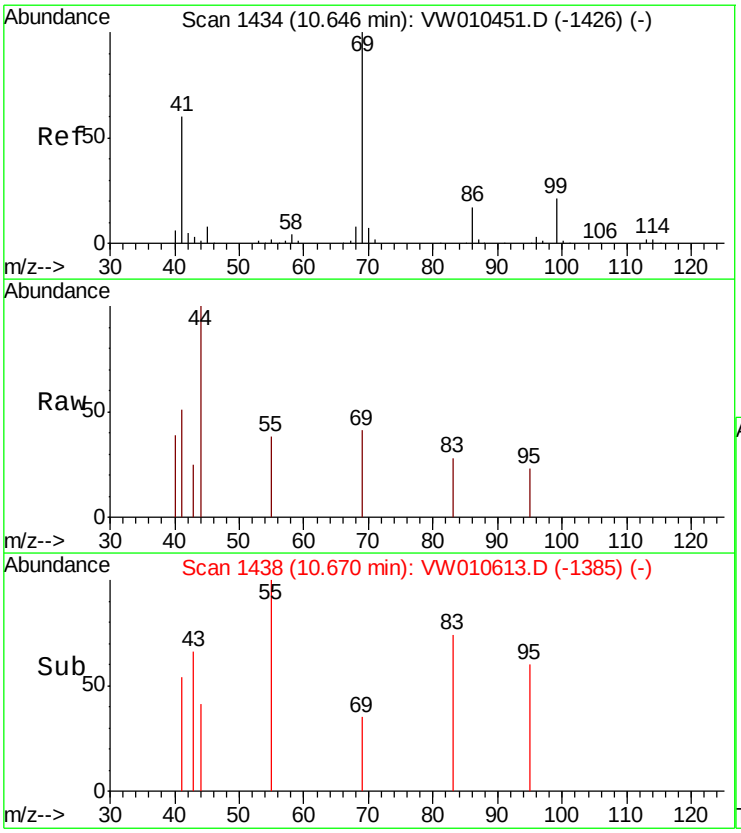
#51
4-Methyl-2-Pentanone
Concen: 3.787 ug/l
RT: 10.21 min Scan# 1362
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 232

Ion	Ratio	Lower	Upper
43	100		
58	0.0	33.2	49.8#

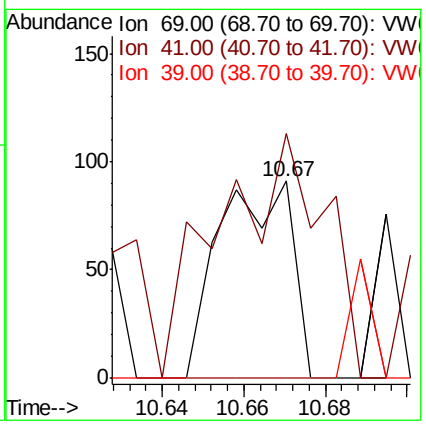


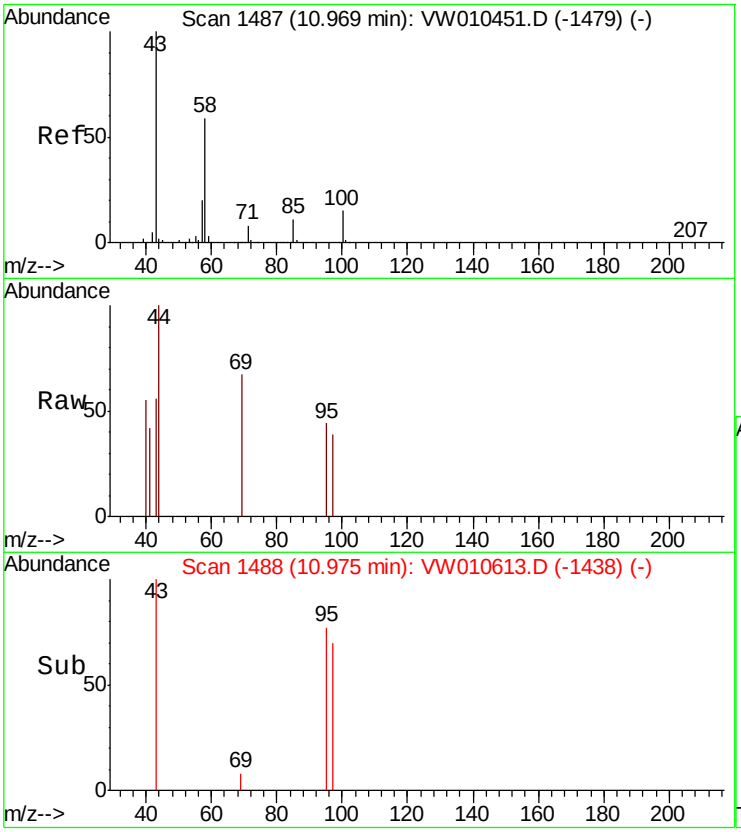


#56
Ethyl methacrylate
Concen: 1.037 ug/l
RT: 10.67 min Scan# 1438
Delta R.T. 0.02 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 69 Resp: 113

Ion	Ratio	Lower	Upper
69	100		
41	178.8	47.7	71.5#
39	0.0	25.3	37.9#



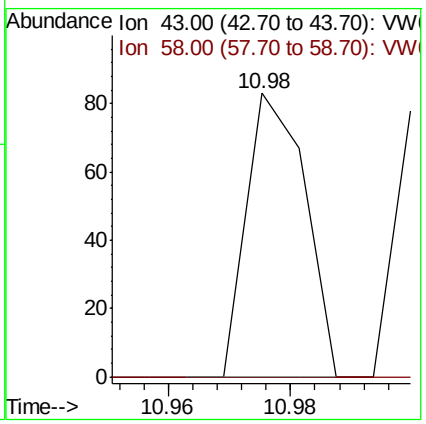


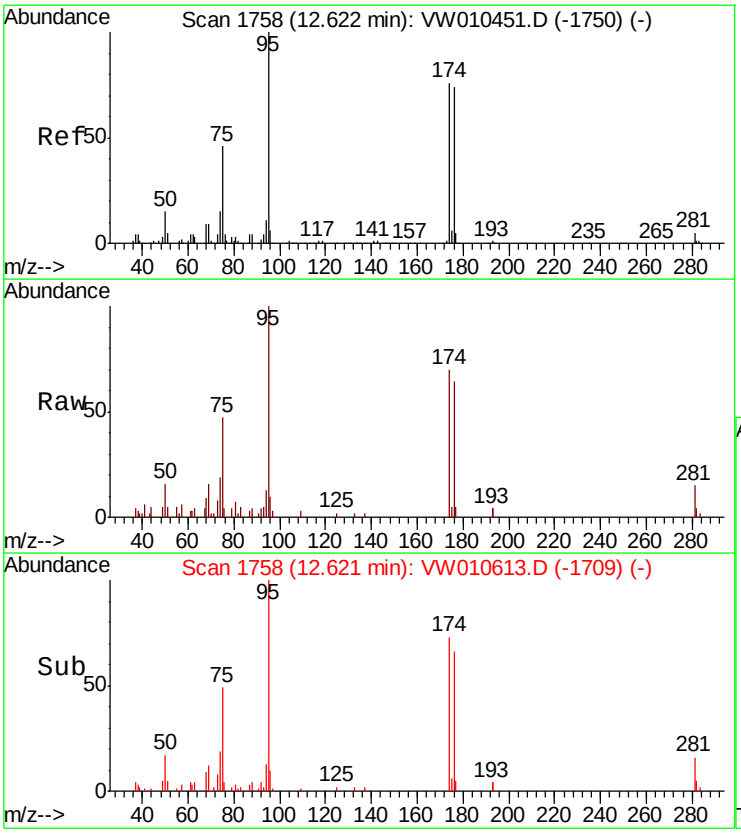
#59
2-Hexanone
Concen: 1.259 ug/l
RT: 10.98 min Scan# 1488
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument : MSVOA_W
ClientSampleId : 0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 55

Ion	Ratio	Lower	Upper
43	100		
58	0.0	28.9	86.8#

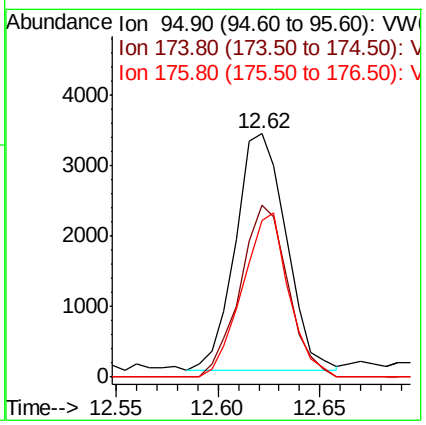


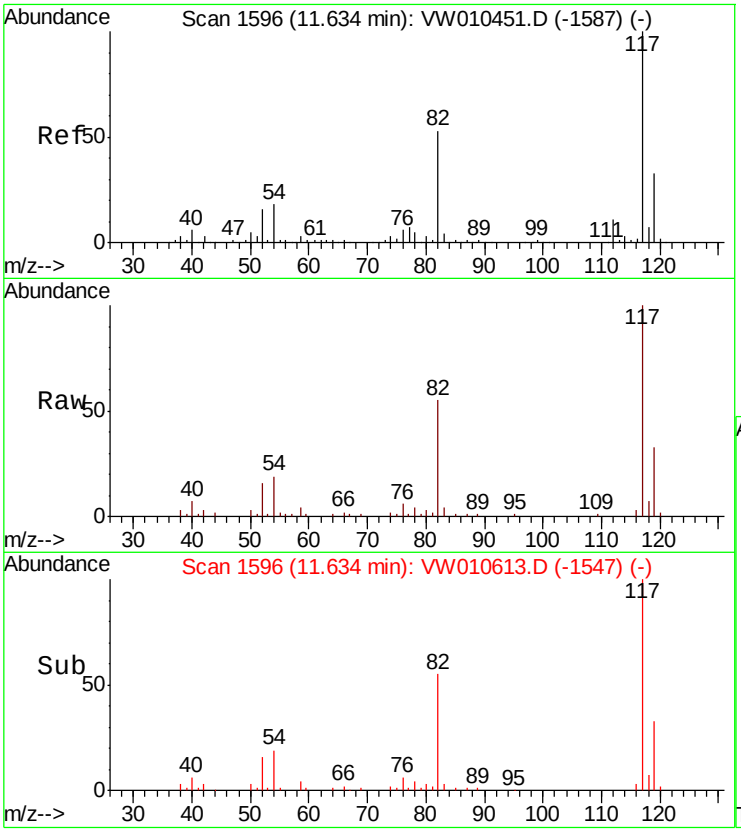


#62
4-Bromofluorobenzene
Concen: 41.146 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 95 Resp: 5803

Ion	Ratio	Lower	Upper
95	100		
174	68.3	0.0	148.6
176	63.4	0.0	144.2



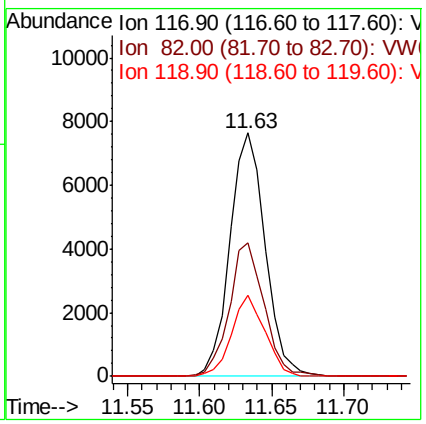


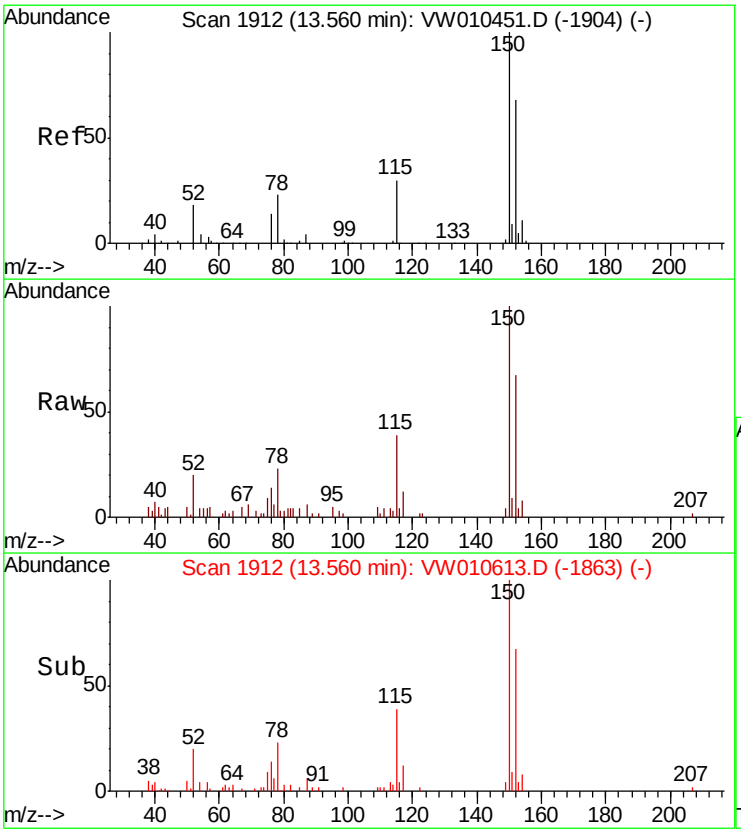
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion:117 Resp: 13066

Ion	Ratio	Lower	Upper
117	100		
82	54.7	42.8	64.2
119	33.1	26.3	39.5

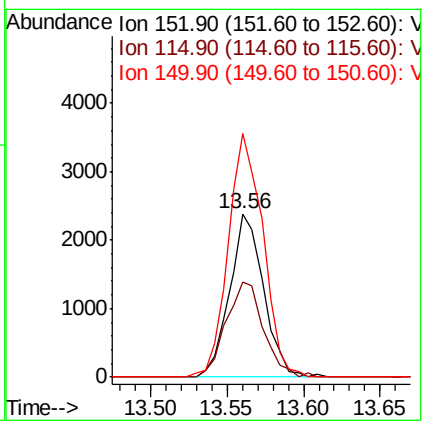


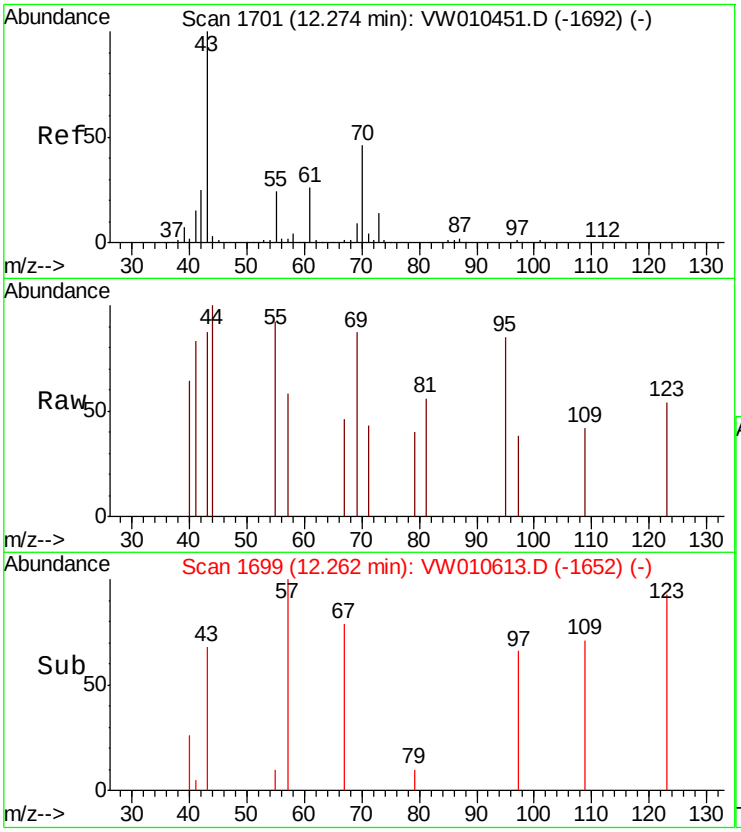


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. -0.00 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion:152 Resp: 3678

Ion	Ratio	Lower	Upper
152	100		
115	63.6	30.3	91.0
150	151.9	0.0	349.8



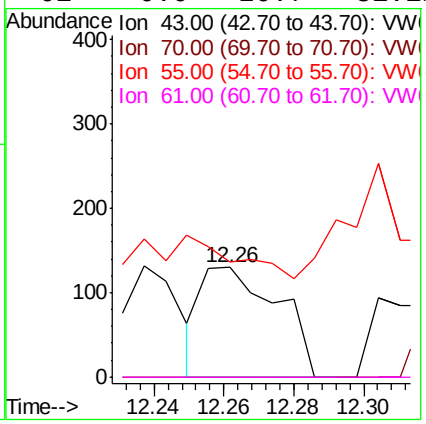


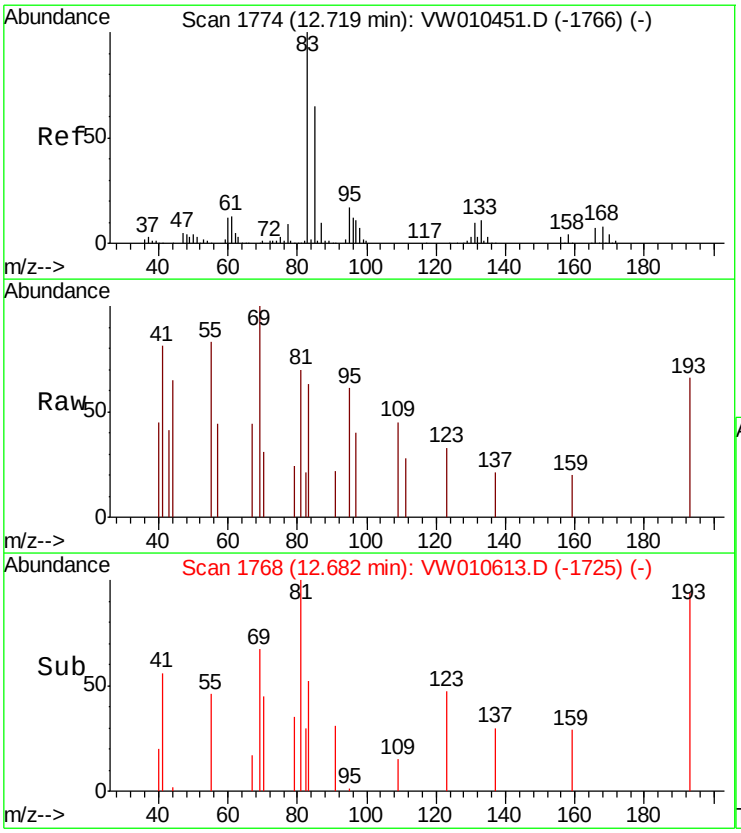
#74
N-amyl acetate
Concen: 2.946 ug/l
RT: 12.26 min Scan# 1699
Delta R.T. -0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 43 Resp: 197

Ion	Ratio	Lower	Upper
43	100		
70	0.0	37.1	55.7#
55	0.0	19.6	29.4#
61	0.0	20.7	31.1#

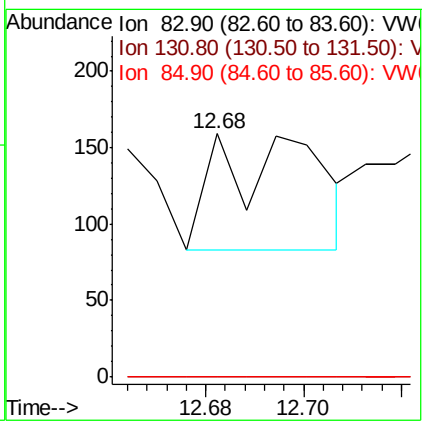


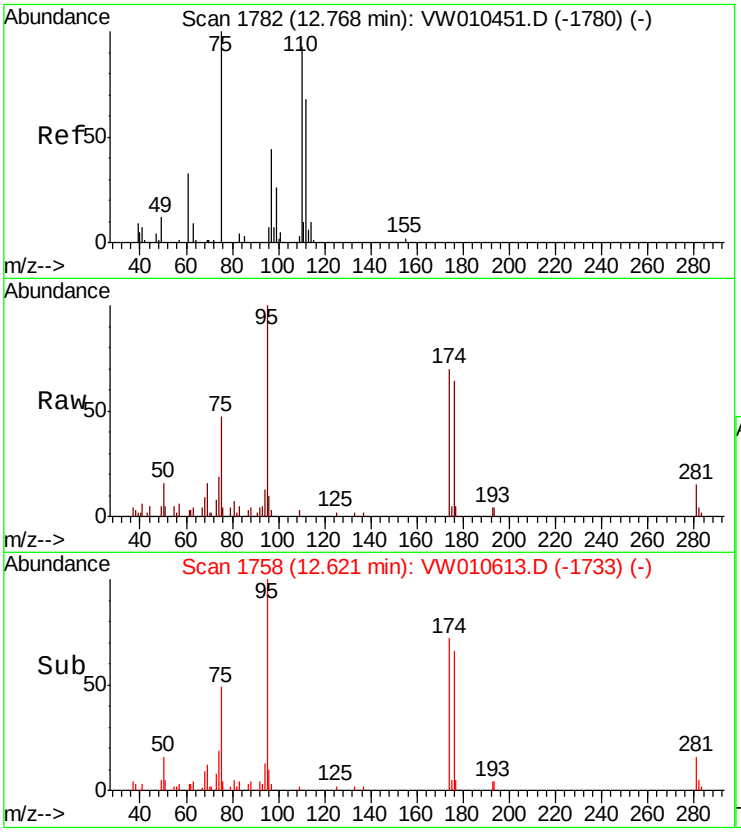


#75
1,1,2,2-Tetrachloroethane
Concen: 1.997 ug/l
RT: 12.68 min Scan# 1768
Delta R.T. -0.04 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 83 Resp: 106

Ion	Ratio	Lower	Upper
83	100		
131	0.0	5.6	16.8#
85	0.0	32.4	97.0#



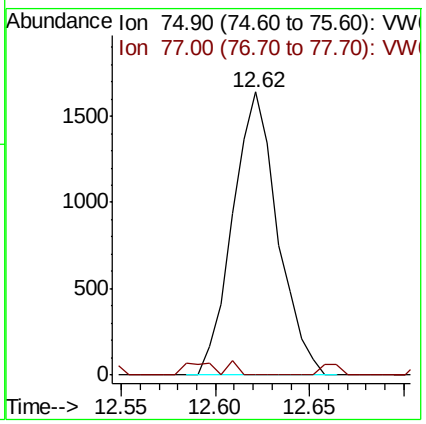


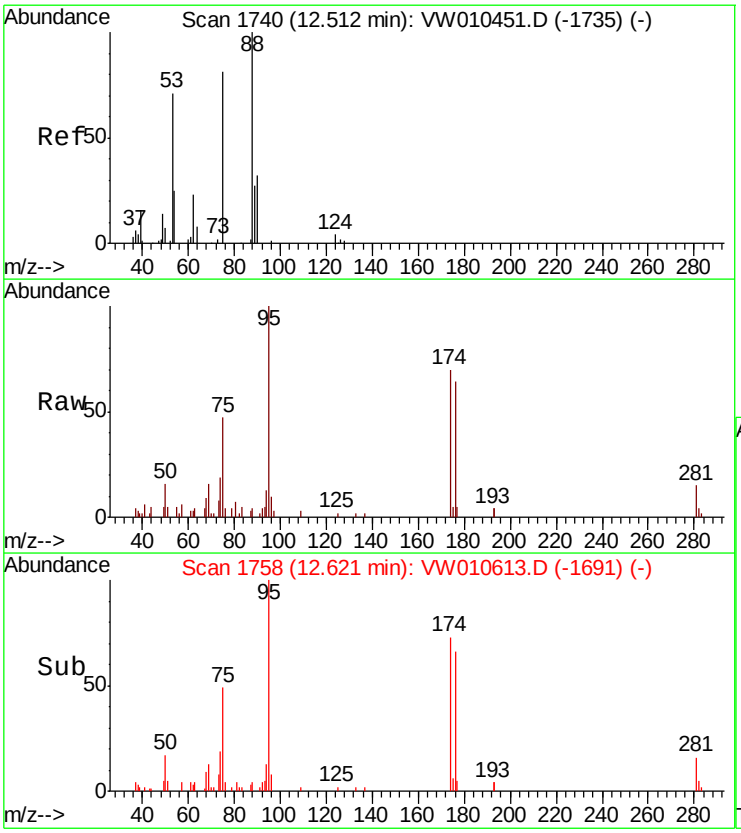
#76
1,2,3-Trichloropropane
Concen: 72.561 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument :
MSVOA_W
ClientSampleId :
0422-HR-2(HACKENSACK)

Tgt Ion: 75 Resp: 2709

Ion	Ratio	Lower	Upper
75	100		
77	0.0	170.0	510.1#

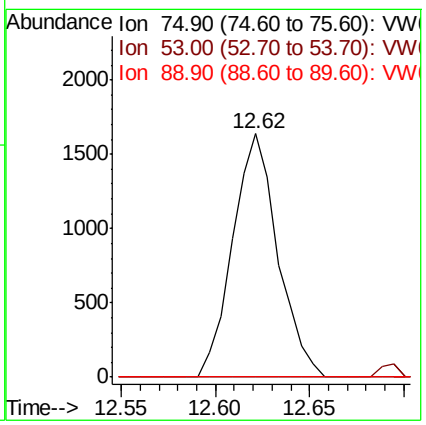


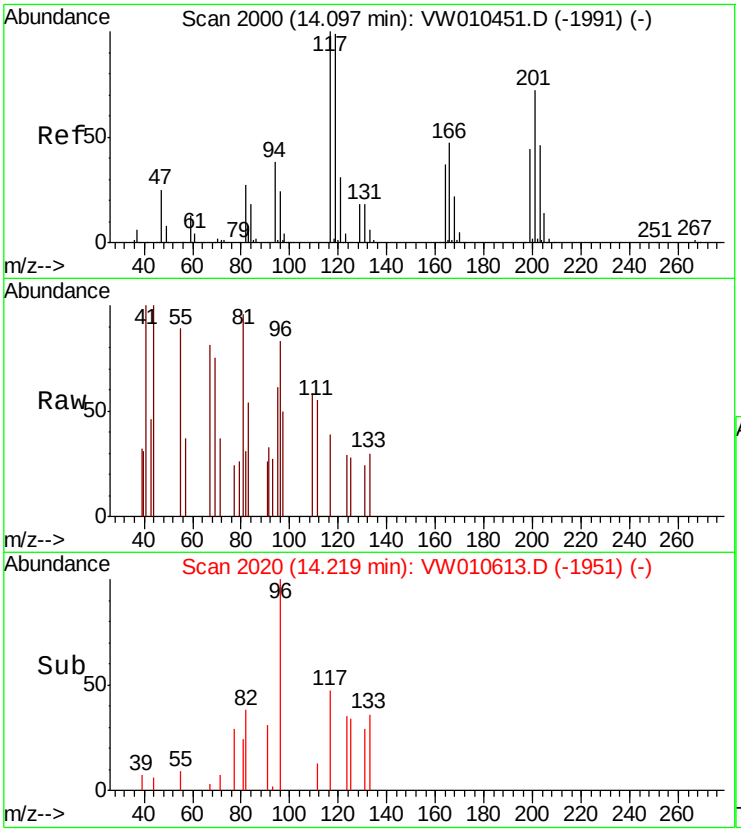


#81
trans-1,4-Dichloro-2-butene
Concen: 151.437 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion: 75 Resp: 2709

Ion	Ratio	Lower	Upper
75	100		
53	0.0	69.8	104.8#
89	0.0	39.5	59.3#



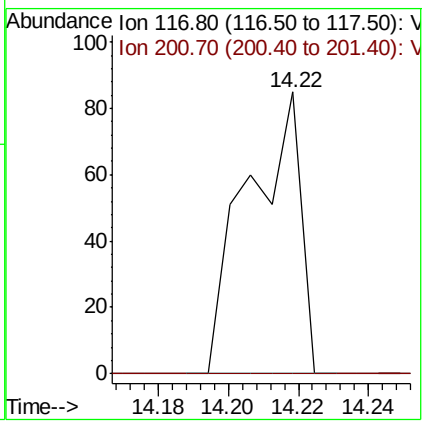


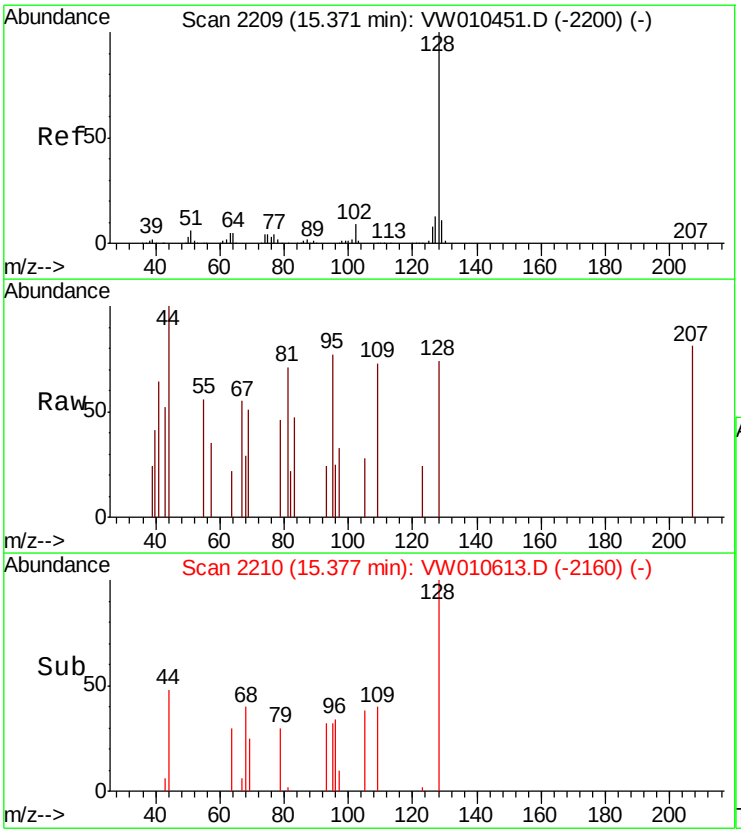
#90
Hexachloroethane
Concen: 1.700 ug/l
RT: 14.22 min Scan# 2020
Delta R.T. 0.12 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Instrument : MSVOA_W
ClientSampleId : 0422-HR-2(HACKENSACK)

Tgt Ion:117 Resp: 90

Ion	Ratio	Lower	Upper
117	100		
201	0.0	34.6	103.8#





#95
Naphthalene
Concen: 1.415 ug/l
RT: 15.38 min Scan# 2210
Delta R.T. 0.01 min
Lab File: VW010613.D
Acq: 30 May 2019 14:35

Tgt Ion:128 Resp: 236

Ion	Ratio	Lower	Upper
128	100		
127	0.0	10.6	15.8#
129	22.0	8.9	13.3#