Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015694.D
Acq On : 24 Jun 2020 20:10
Operator : SY/VA
Sample : L3089-04
Misc : 7.58G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Quant Time: Jun 25 02:06:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	140969	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	254347	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	214109	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	74353	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	92055	58.69	ug/l	0.00
Spiked Amount 50.000			Recovery = 117.38%			
35) Dibromofluoromethane	7.88	113	81644	51.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 102.06%			
50) Toluene-d8	10.32	98	313369	49.77	ug/l	0.00
Spiked Amount 50.000			Recovery = 99.54%			
62) 4-Bromofluorobenzene	12.62	95	84556	36.47	ug/l	0.00
Spiked Amount 50.000			Recovery = 72.94%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.19	59	183	Below Cal	#	72
16) Acetone	4.13	43	1706	5.722	ug/l	100
18) Methyl Acetate	4.67	43	123	Below Cal	#	52
20) Methylene Chloride	4.92	84	10026	2.581	ug/l	95
31) Cyclohexane	7.95	56	3654	1.352	ug/l #	14
36) 1,1-Dichloropropene	7.95	75	12191	4.608	ug/l #	50
38) Carbon Tetrachloride	7.95	117	14238	5.552	ug/l #	19
51) 4-Methyl-2-Pentanone	10.32	43	1485	1.528	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	46309	68.281	ug/l #	1
81) trans-1,4-Dichloro-2-buten	12.62	75	46309	172.070	ug/l #	8

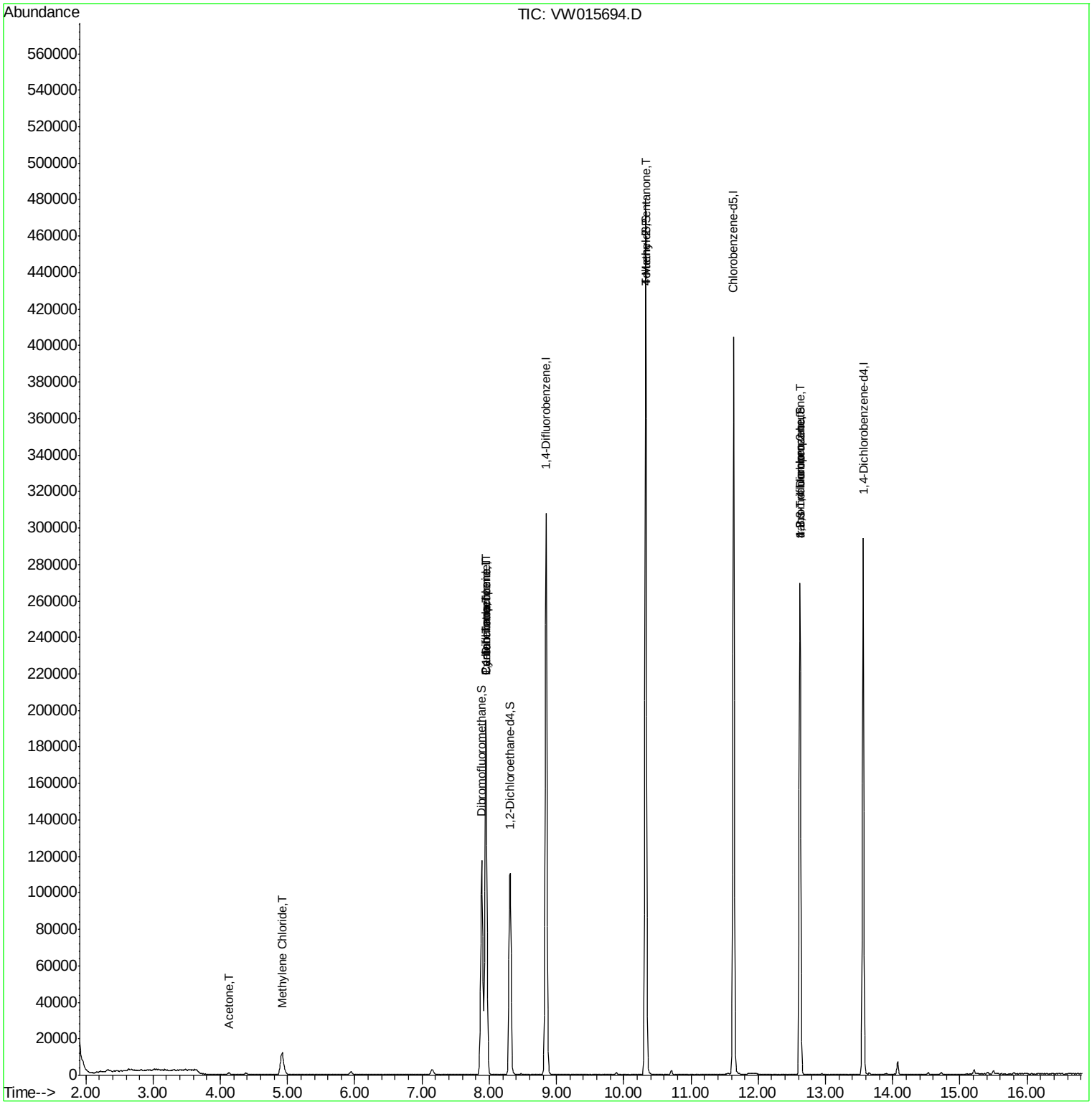
(#) = qualifier out of range (m) = manual integration (+) = signals summed

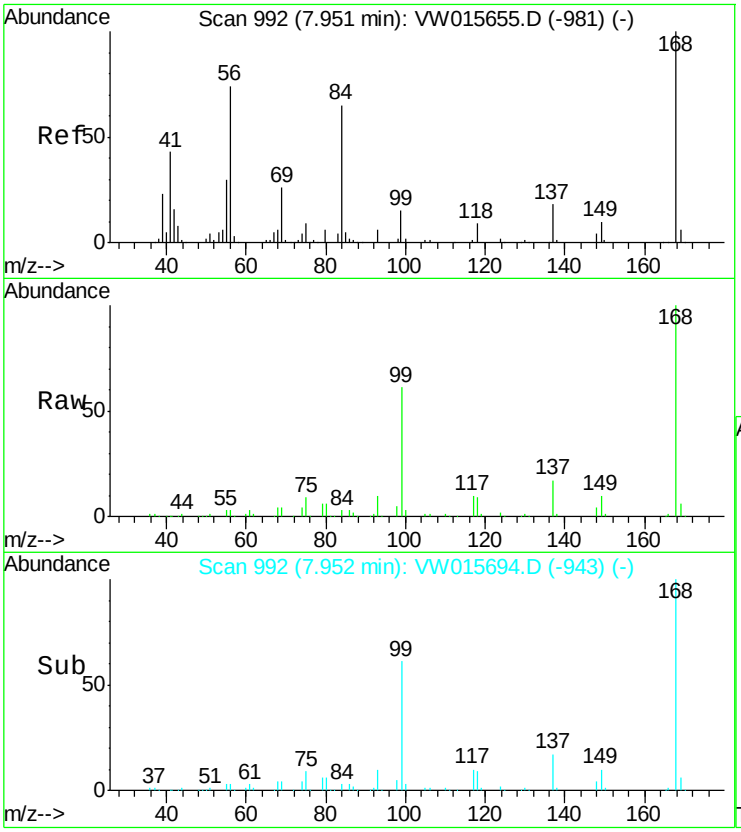
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW062420\
Data File : VW015694.D
Acq On : 24 Jun 2020 20:10
Operator : SY/VA
Sample : L3089-04
Misc : 7.58G/5ML/MSVOA_W/SOIL
ALS Vial : 24 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
RB44767-RT

Quant Time: Jun 25 02:06:17 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W062320S.M
Quant Title : SW846 8260
QLast Update : Tue Jun 23 13:20:19 2020
Response via : Initial Calibration



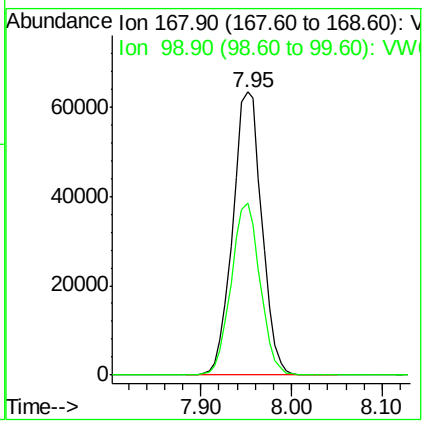


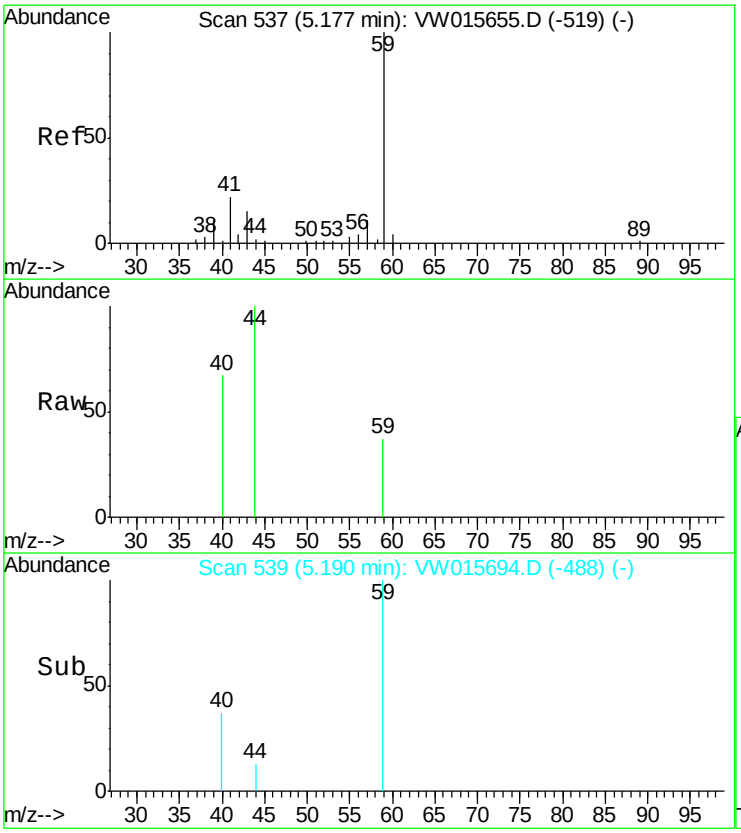
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 992
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument :
MSVOA_W
ClientSampleId :
RB44767-RT

Tgt Ion:168 Resp: 140969

Ion	Ratio	Lower	Upper
168	100		
99	60.9	48.6	73.0

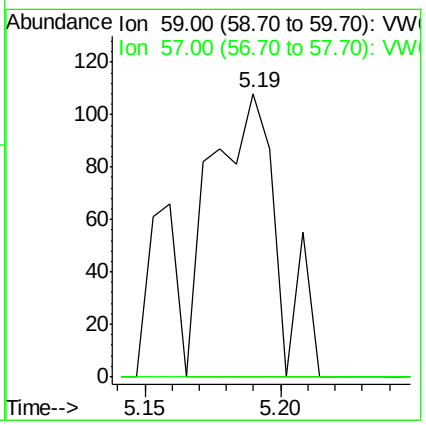


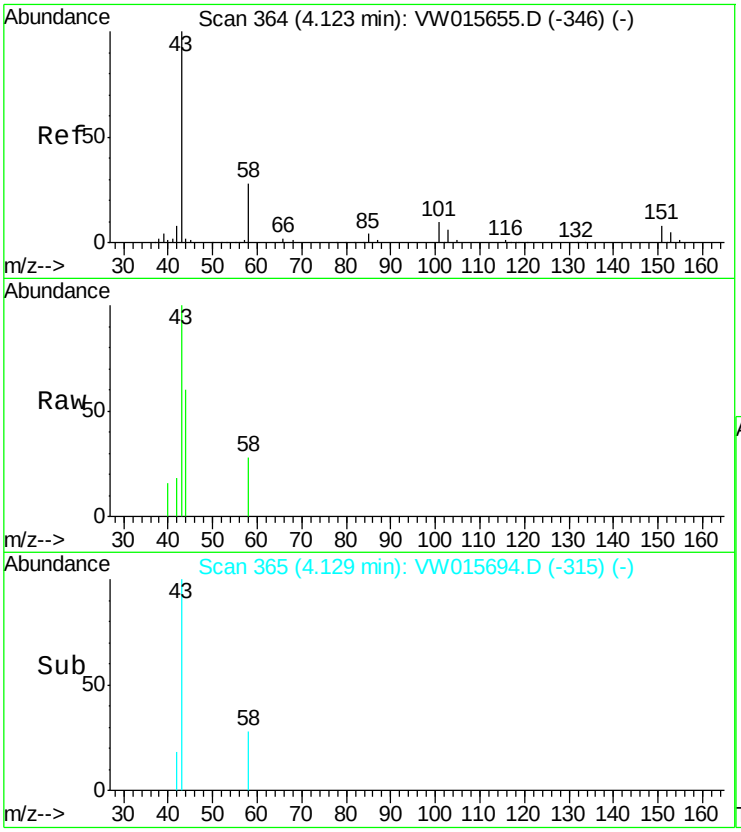


#11
Tert butyl alcohol
Concen: Below Cal
RT: 5.19 min Scan# 539
Delta R.T. 0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 59 Resp: 183

Ion	Ratio	Lower	Upper
59	100		
57	0.0	8.4	12.6#



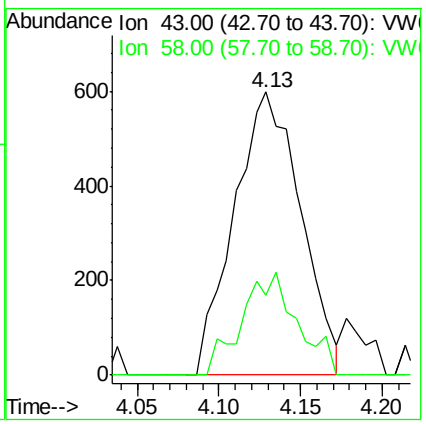


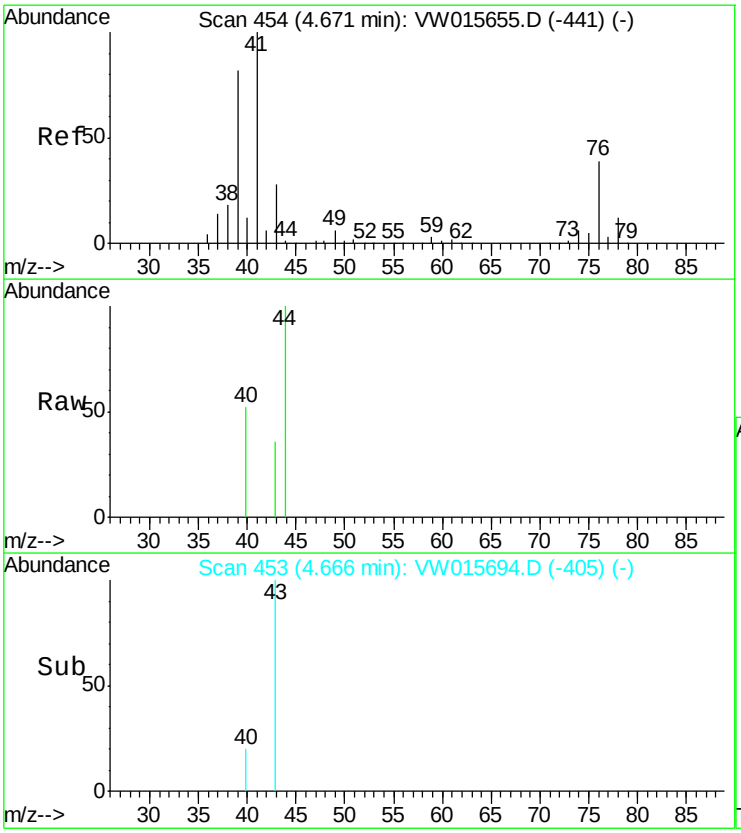
#16
Acetone
Concen: 5.722 ug/l
RT: 4.13 min Scan# 365
Delta R.T. 0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion: 43 Resp: 1706

Ion	Ratio	Lower	Upper
43	100		
58	28.1	22.6	33.8

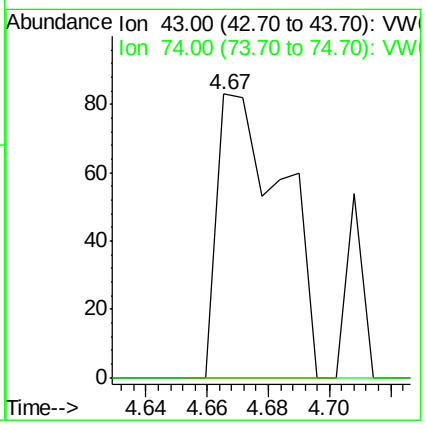


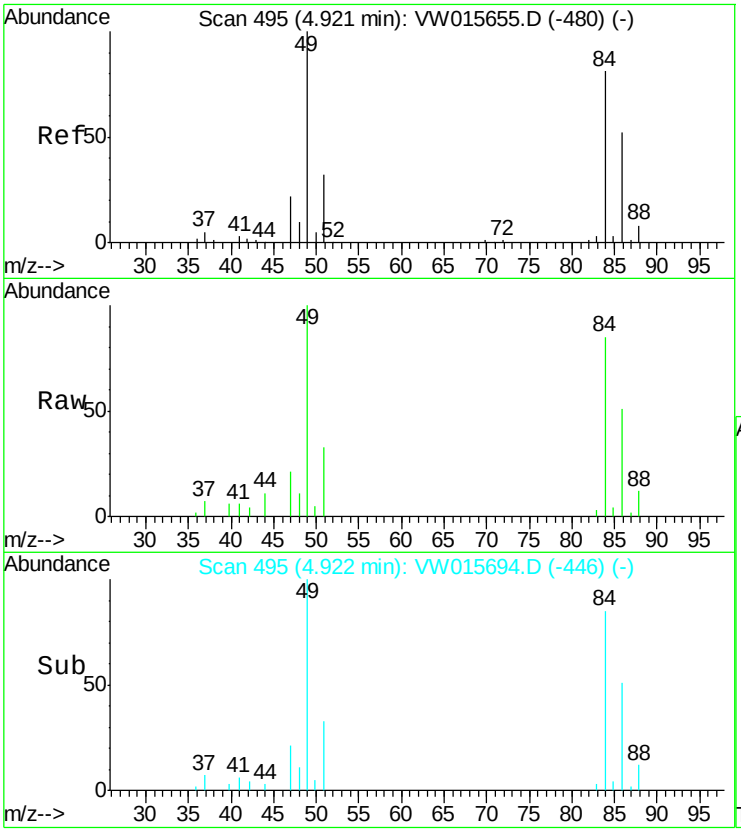


#18
Methyl Acetate
Concen: Below Cal
RT: 4.67 min Scan# 453
Delta R.T. -0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 43 Resp: 123

Ion	Ratio	Lower	Upper
43	100		
74	0.0	19.0	28.6#



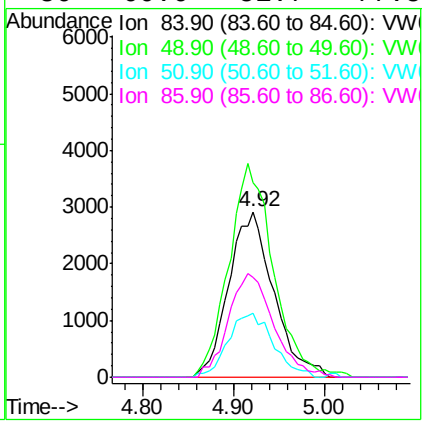


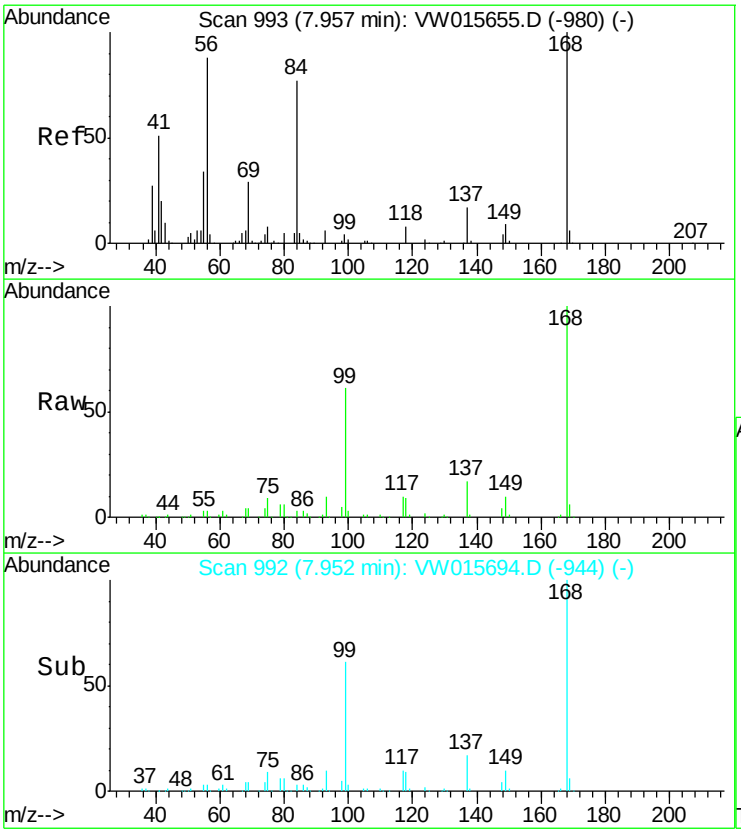
#20
Methylene Chloride
Concen: 2.581 ug/l
RT: 4.92 min Scan# 495
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion: 84 Resp: 10026

Ion	Ratio	Lower	Upper
84	100		
49	118.2	99.3	148.9
51	38.7	31.8	47.6
86	60.6	51.7	77.5

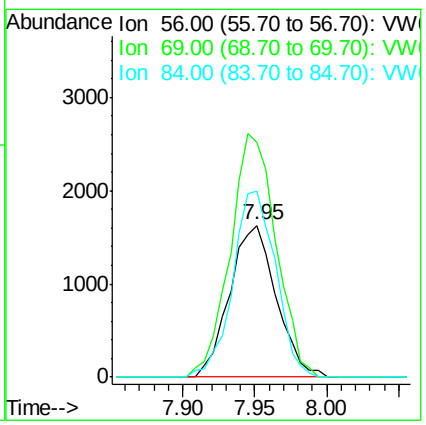


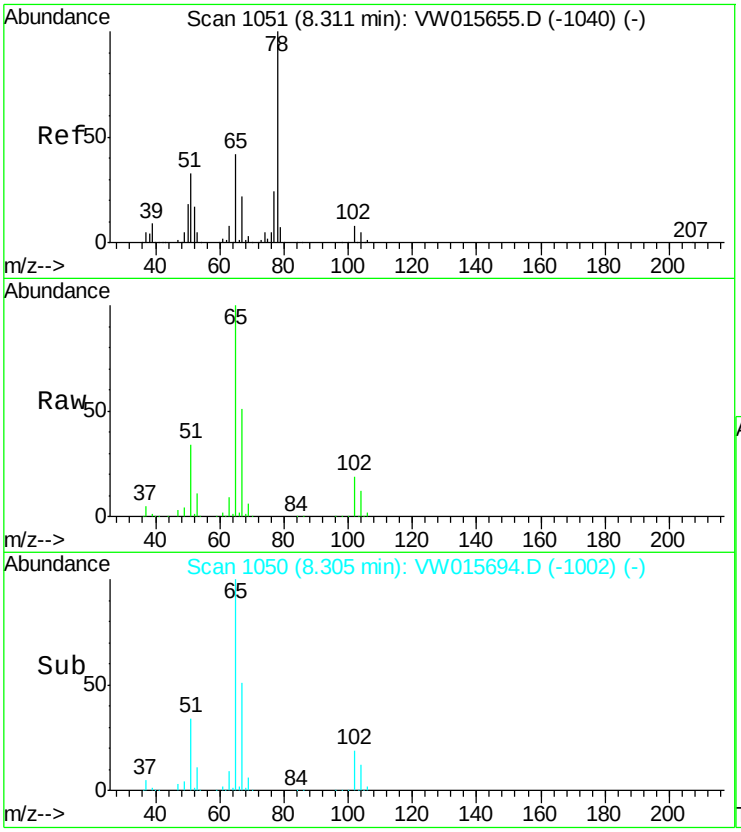


#31
Cyclohexane
Concen: 1.352 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 56 Resp: 3654

Ion	Ratio	Lower	Upper
56	100		
69	154.6	26.2	39.4#
84	122.8	70.4	105.6#



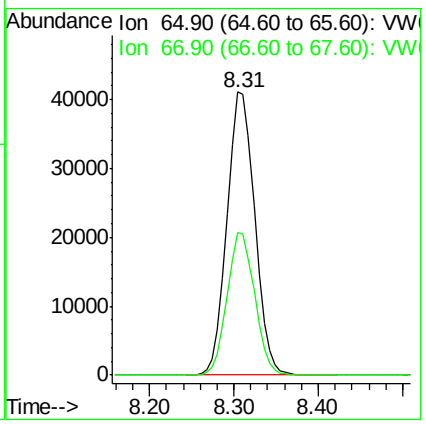


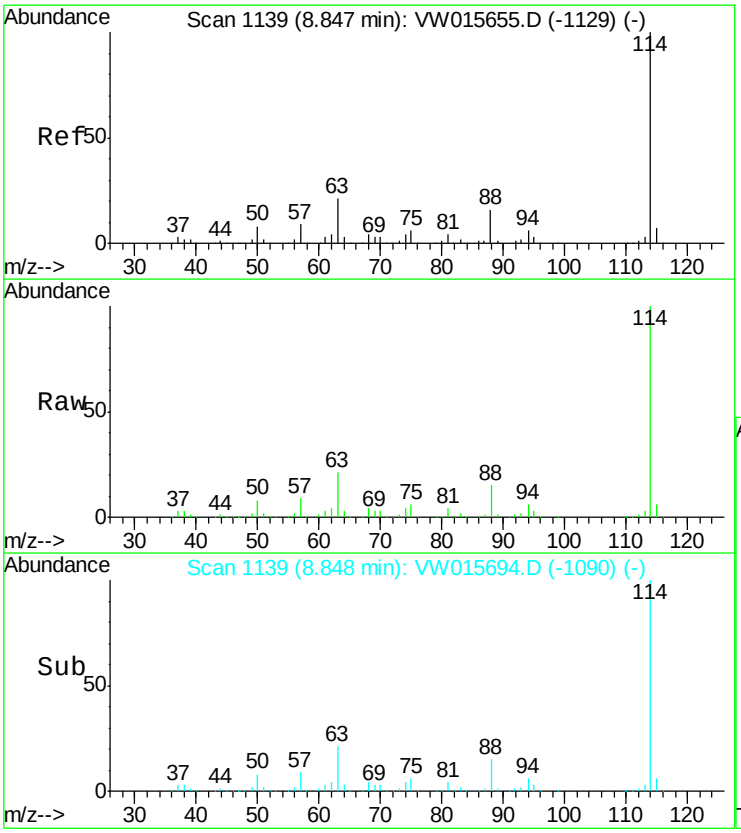
#33
1,2-Dichloroethane-d4
Concen: 58.691 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. -0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion: 65 Resp: 92055

Ion	Ratio	Lower	Upper
65	100		
67	49.8	0.0	102.2

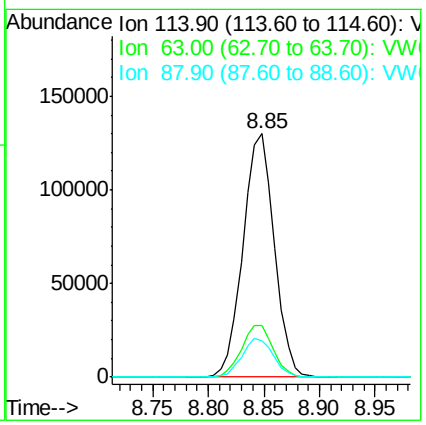


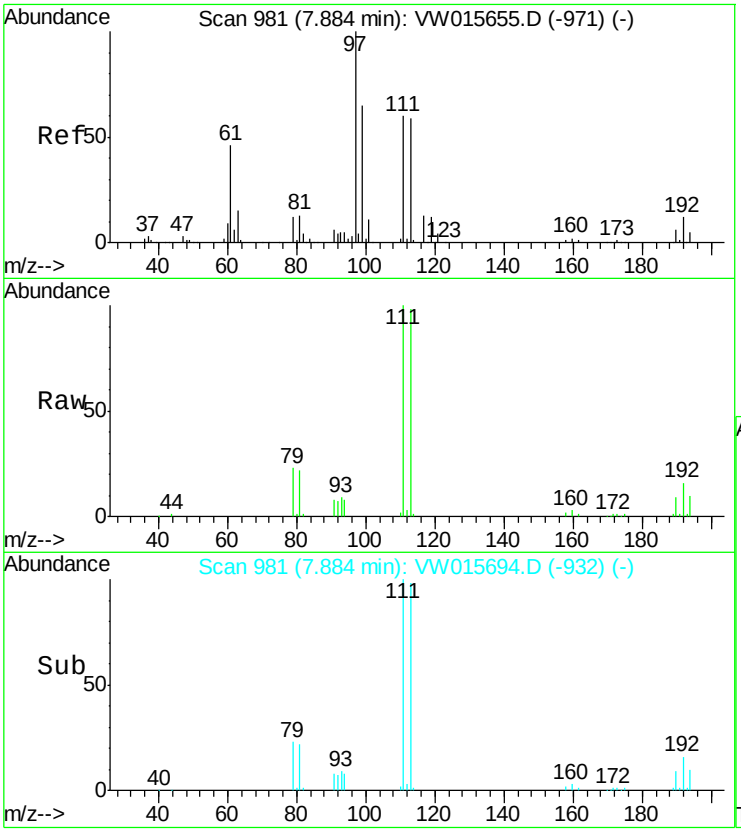


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion:114 Resp: 254347

Ion	Ratio	Lower	Upper
114	100		
63	21.4	0.0	42.4
88	15.1	0.0	32.6



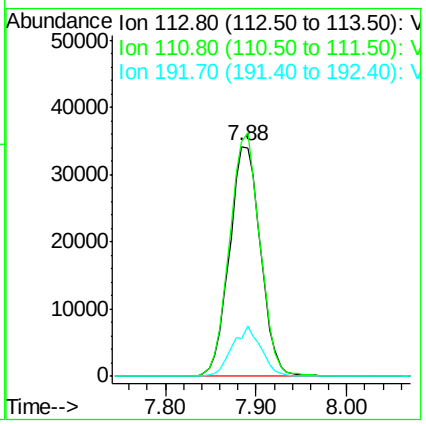


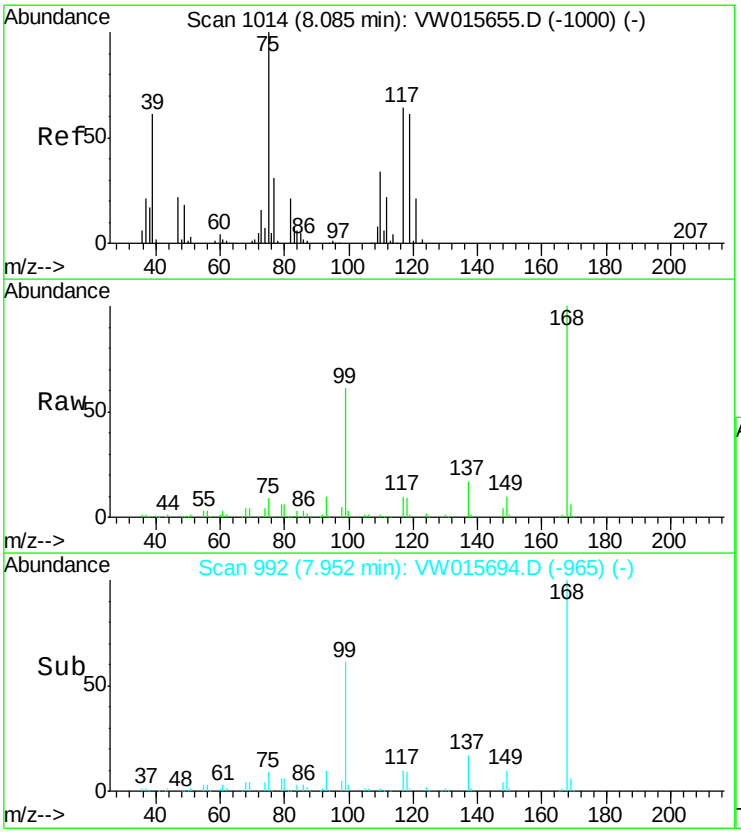
#35
Dibromofluoromethane
Concen: 51.030 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument :
MSVOA_W
ClientSampleId :
RB44767-RT

Tgt Ion:113 Resp: 81644

Ion	Ratio	Lower	Upper
113	100		
111	103.3	82.3	123.5
192	19.9	16.4	24.6

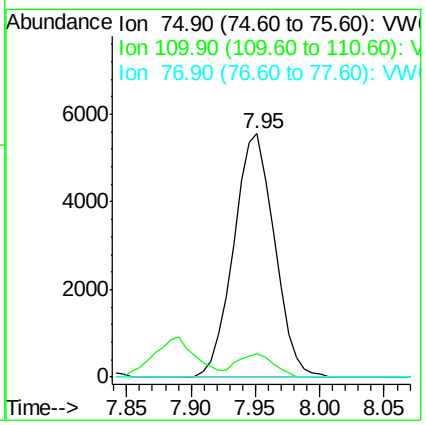


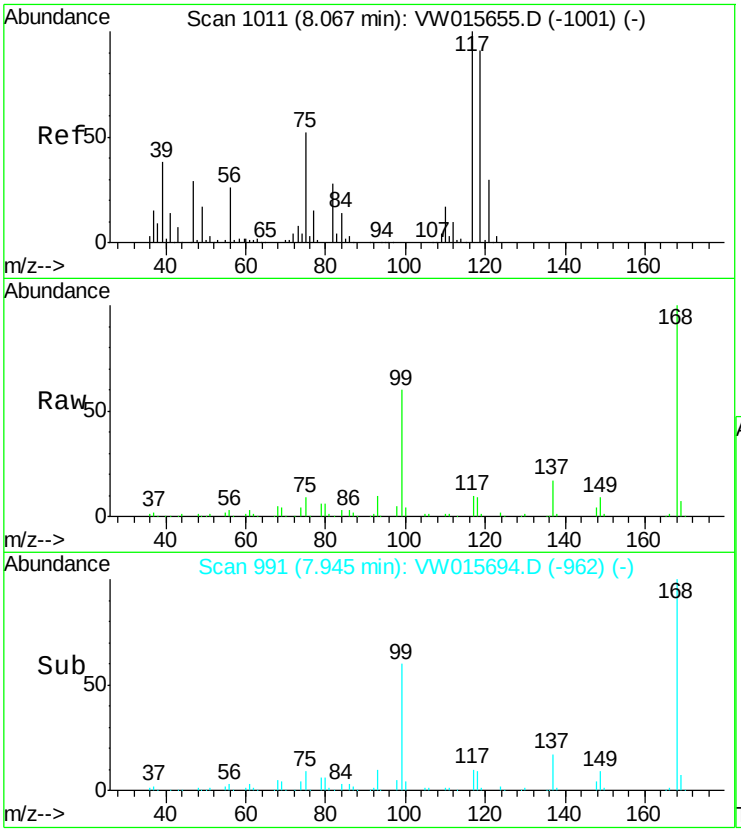


#36
1,1-Dichloropropene
Concen: 4.608 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.13 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 75 Resp: 12191

Ion	Ratio	Lower	Upper
75	100		
110	8.4	17.0	51.0#
77	0.0	24.6	36.8#



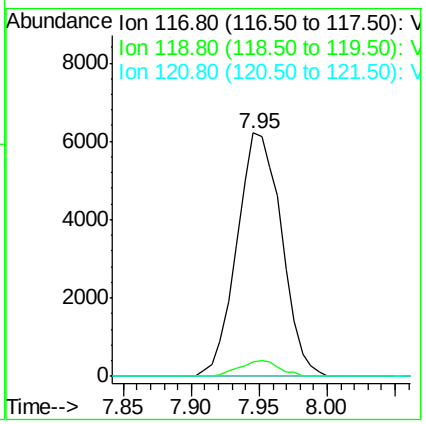


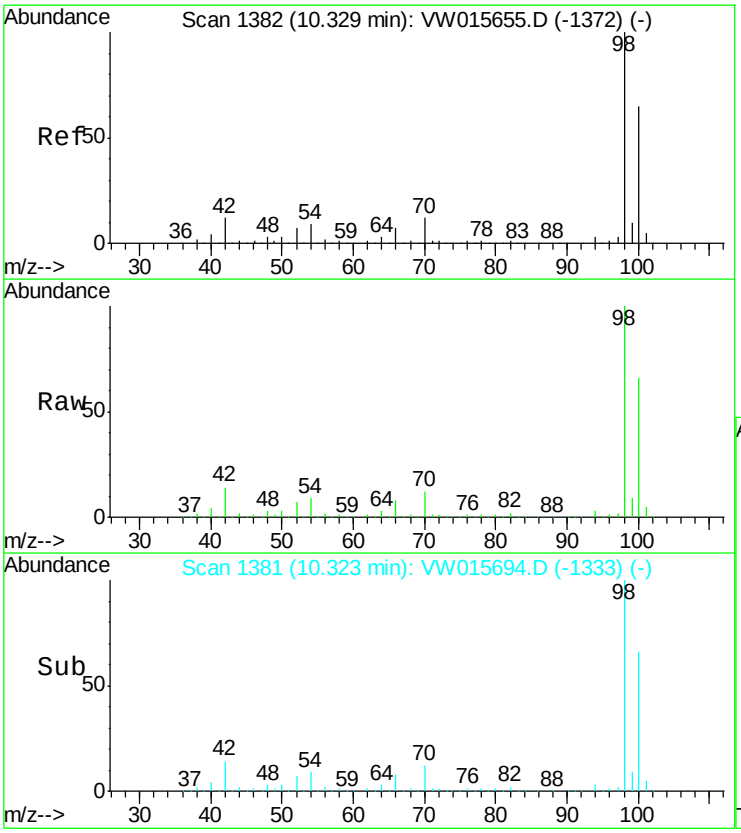
#38
Carbon Tetrachloride
Concen: 5.552 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion:117 Resp: 14238

Ion	Ratio	Lower	Upper
117	100		
119	6.1	73.2	109.8#
121	0.0	23.9	35.9#

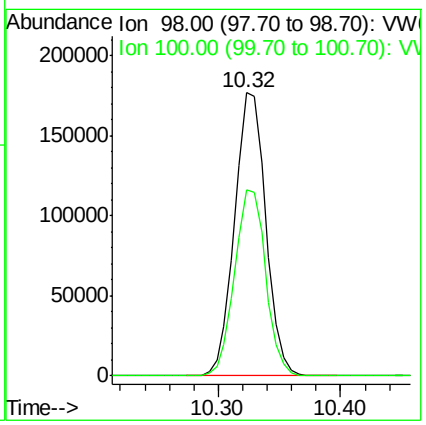


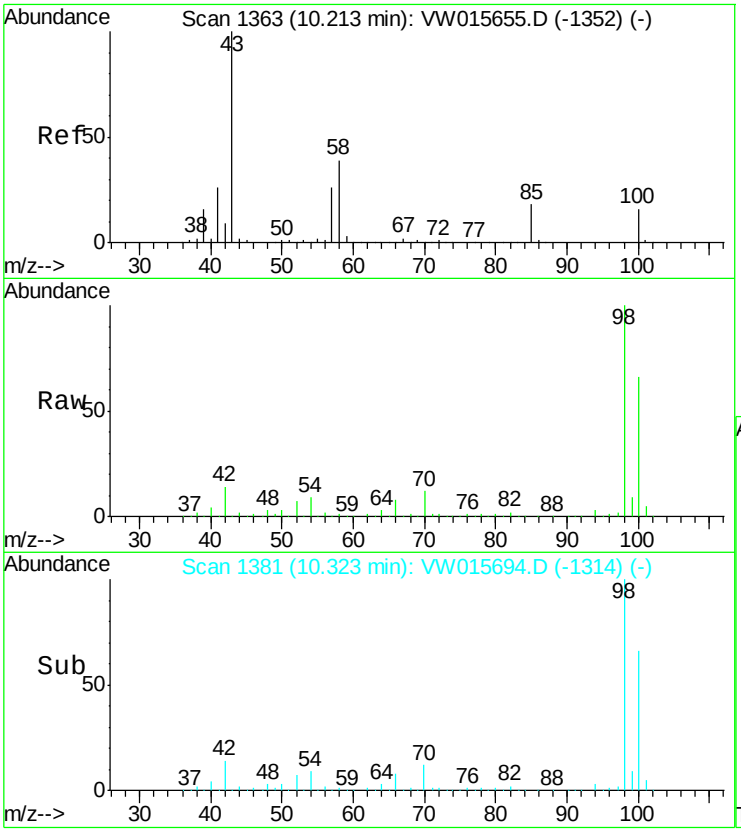


#50
Toluene-d8
Concen: 49.770 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.01 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 98 Resp: 313369

Ion	Ratio	Lower	Upper
98	100		
100	65.5	52.8	79.2



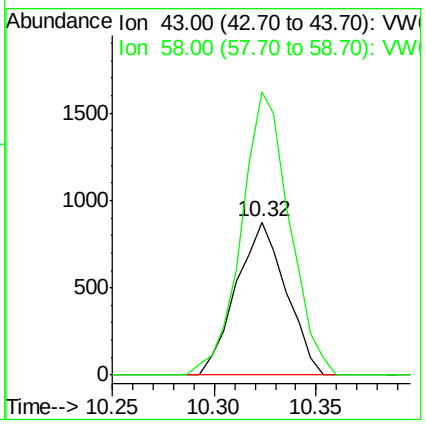


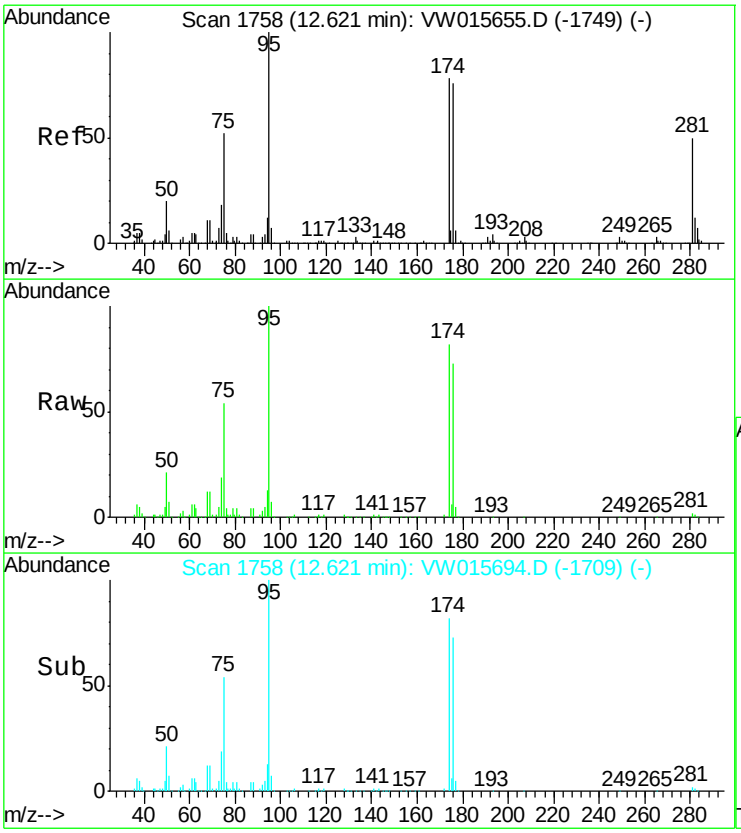
#51
4-Methyl-2-Pentanone
Concen: 1.528 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.11 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion: 43 Resp: 1485

Ion	Ratio	Lower	Upper
43	100		
58	179.5	31.2	46.8#

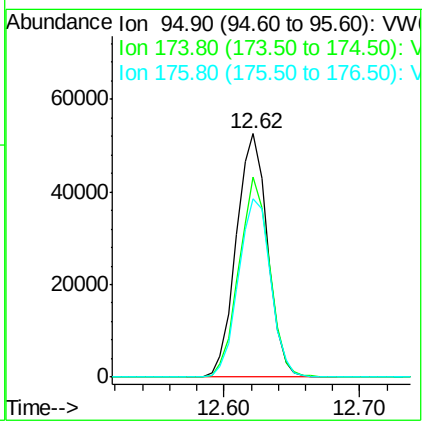


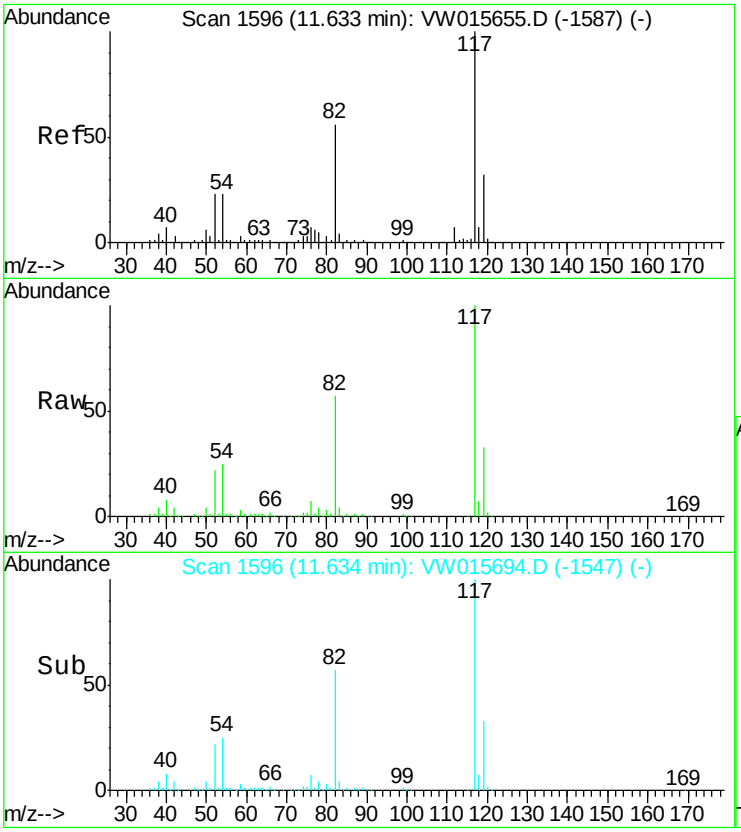


#62
4-Bromofluorobenzene
Concen: 36.466 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 95 Resp: 84556

Ion	Ratio	Lower	Upper
95	100		
174	80.6	0.0	157.0
176	75.4	0.0	151.4



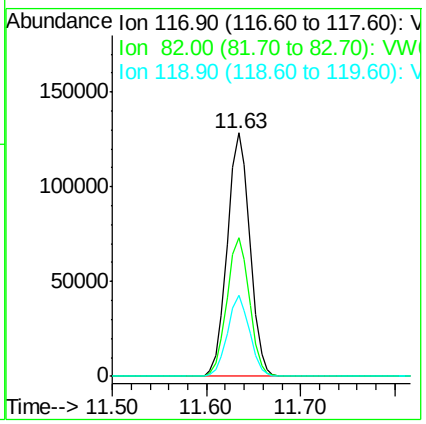


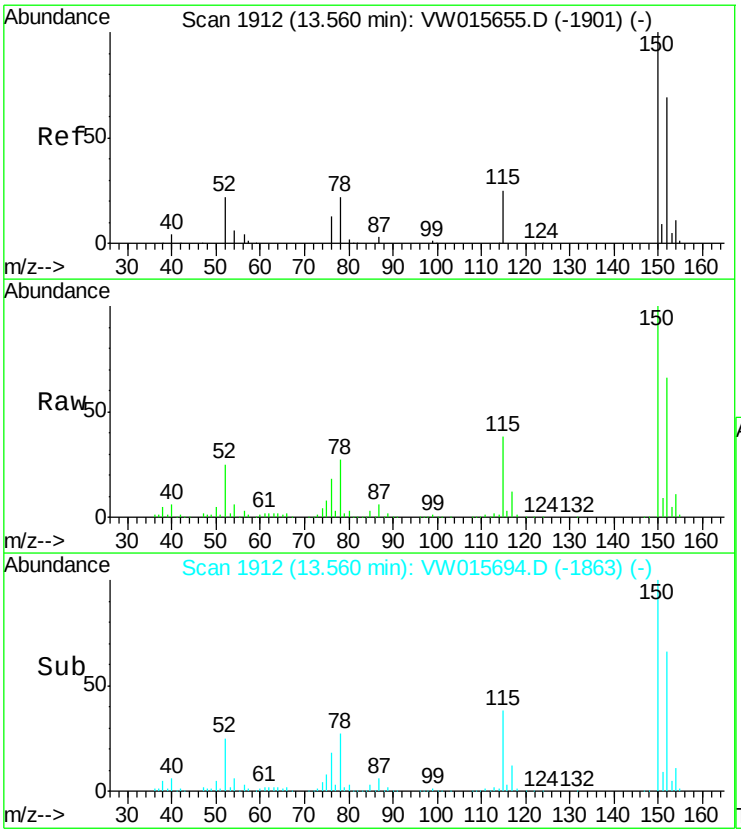
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

Tgt Ion:117 Resp: 214109

Ion	Ratio	Lower	Upper
117	100		
82	56.8	45.1	67.7
119	33.1	25.8	38.8

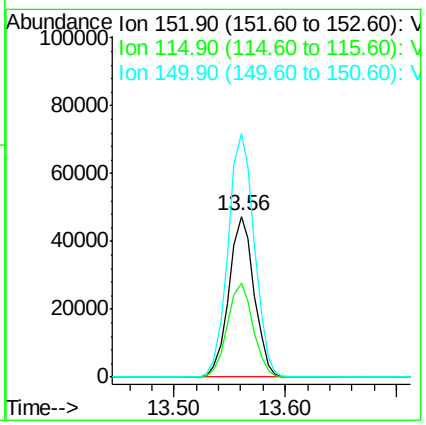


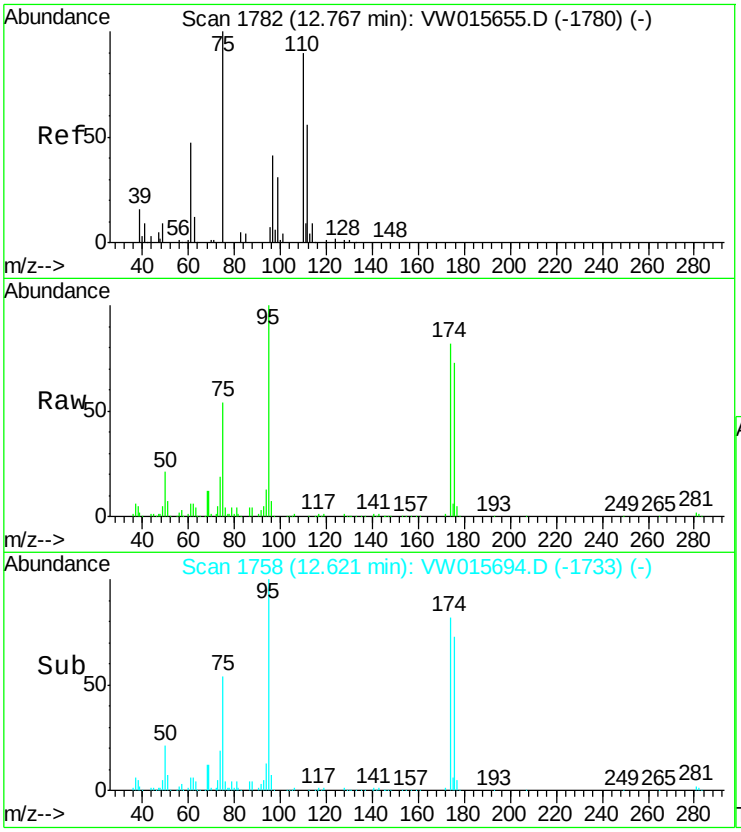


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion:152 Resp: 74353

Ion	Ratio	Lower	Upper
152	100		
115	59.8	30.1	90.5
150	157.4	0.0	345.6



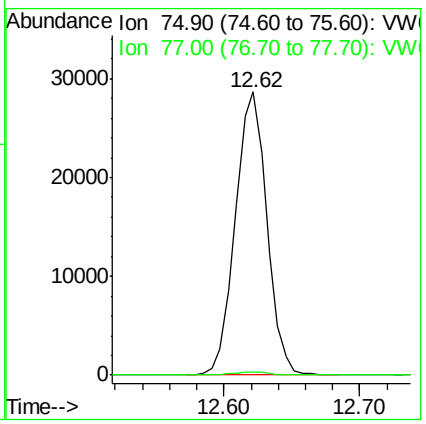


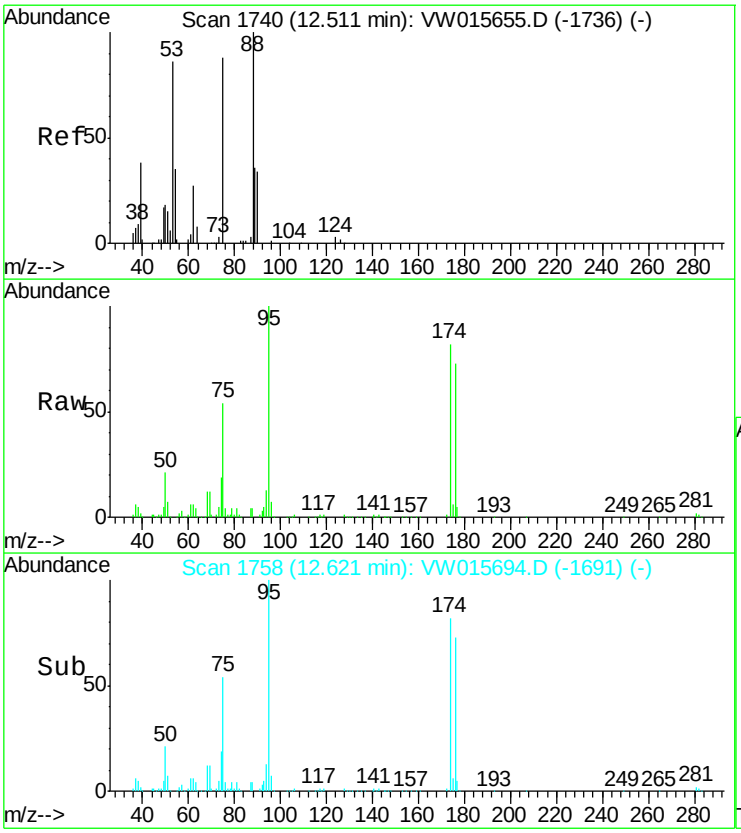
#76
1,2,3-Trichloropropane
Concen: 68.281 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Instrument : MSVOA_W
ClientSampleId : RB44767-RT

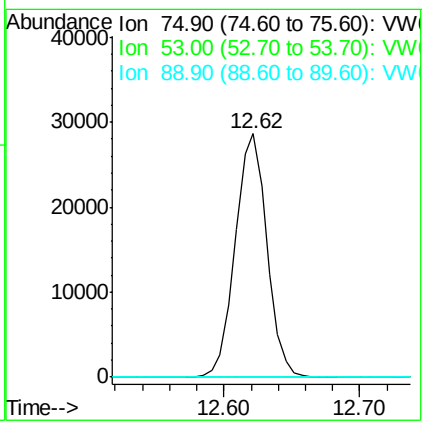
Tgt Ion: 75 Resp: 46309

Ion	Ratio	Lower	Upper
75	100		
77	1.2	179.1	537.1#





#81
trans-1,4-Dichloro-2-butene
Concen: 172.070 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.11 min
Lab File: VW015694.D
Acq: 24 Jun 2020 20:10

Tgt Ion: 75 Resp: 46309

Ion	Ratio	Lower	Upper
75	100		
53	0.0	83.8	125.8#
89	0.0	36.6	55.0#