Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
Data File : VW011958.D
Acq On : 16 Aug 2019 12:18
Operator : SY/VA
Sample : K4237-08
Misc : 6.94G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : DUP-X

Quant Time: Aug 17 04:58:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	219989	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	362068	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	294651	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.56	152	110061	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	139037	55.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 110.08%			
35) Dibromofluoromethane	7.88	113	109734	54.02	ug/l	0.00
Spiked Amount 50.000			Recovery = 108.04%			
50) Toluene-d8	10.32	98	446603	53.70	ug/l	0.00
Spiked Amount 50.000			Recovery = 107.40%			
62) 4-Bromofluorobenzene	12.62	95	135935	45.85	ug/l	0.00
Spiked Amount 50.000			Recovery = 91.70%			
Target Compounds						Qvalue
11) Tert butyl alcohol	5.12	59	6465	18.142	ug/l #	73
16) Acetone	4.15	43	2429	3.023	ug/l #	75
20) Methylene Chloride	4.92	84	11709	4.225	ug/l #	87
25) 2-Butanone	7.15	43	4553	4.330	ug/l #	76
26) 2,2-Dichloropropane	7.15	77	4574	1.512	ug/l #	54
29) Tetrahydrofuran	7.54	42	1506	2.506	ug/l	95
31) Cyclohexane	7.95	56	5702	1.207	ug/l #	1
36) 1,1-Dichloropropene	7.95	75	19069	5.065	ug/l #	53
37) Ethyl Acetate	7.15	43	4553	2.102	ug/l #	1
38) Carbon Tetrachloride	7.95	117	22035	6.837	ug/l #	17
76) 1,2,3-Trichloropropane	12.62	75	71663	61.536	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	71663	141.819	ug/l #	6
95) Naphthalene	15.37	128	1055	2.299	ug/l #	84

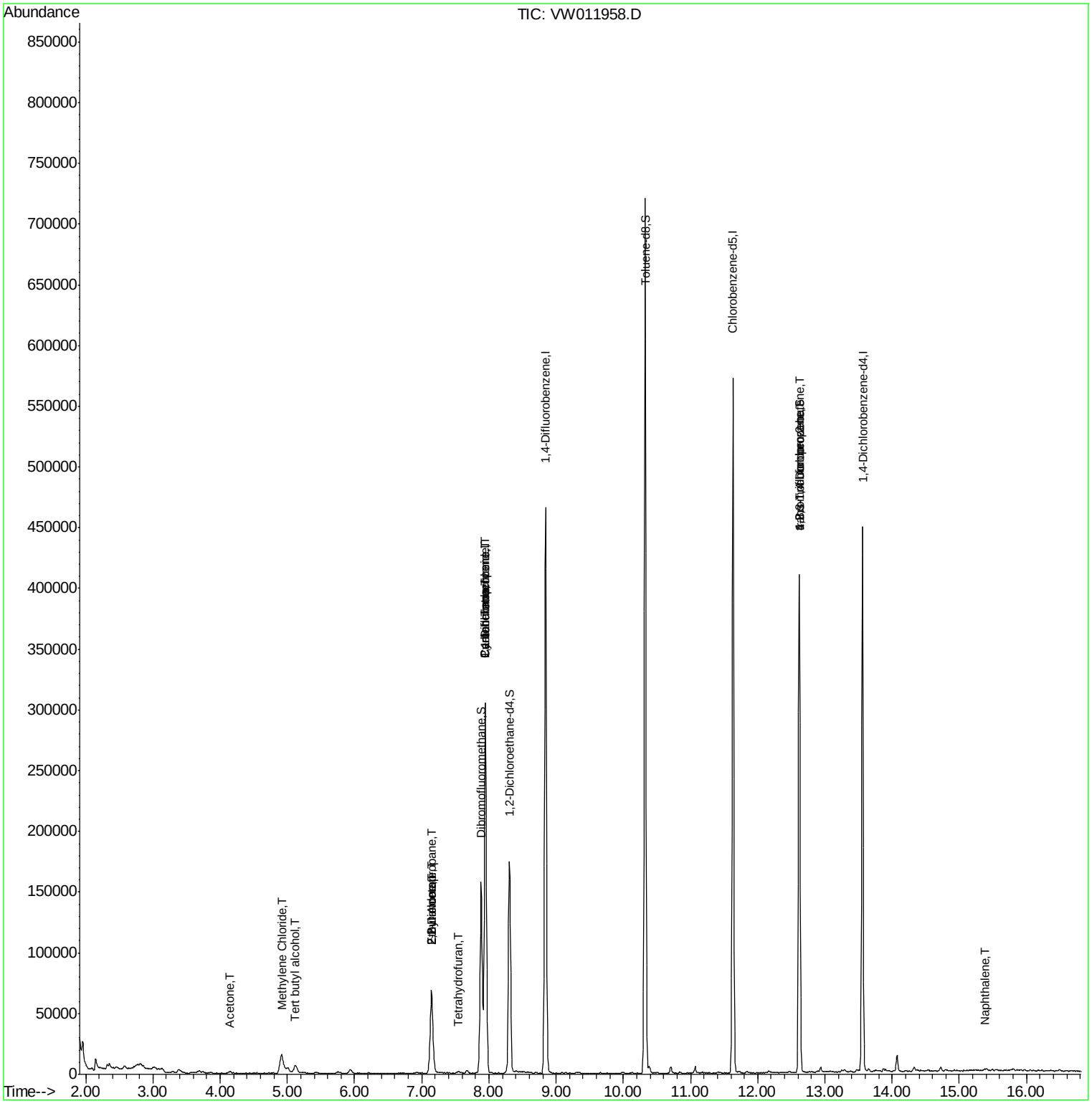
(#) = qualifier out of range (m) = manual integration (+) = signals summed

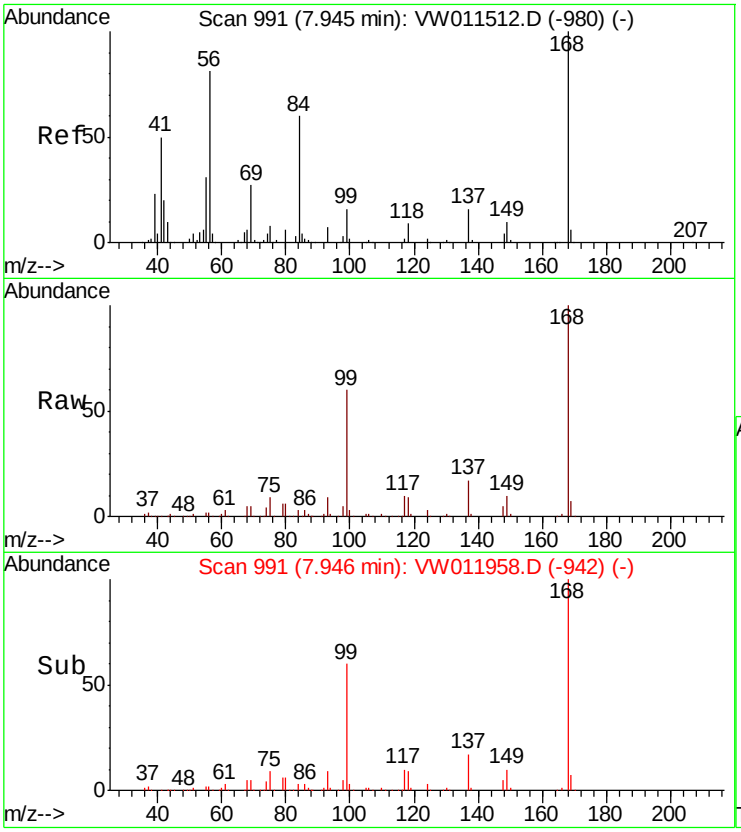
Quantitation Report (Not Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW081719\
Data File : VW011958.D
Acq On : 16 Aug 2019 12:18
Operator : SY/VA
Sample : K4237-08
Misc : 6.94G/5ML/MSVOA_W/SOIL
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Quant Time: Aug 17 04:58:42 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W072719S.M
Quant Title : SW846 8260
QLast Update : Sat Jul 27 00:23:30 2019
Response via : Initial Calibration



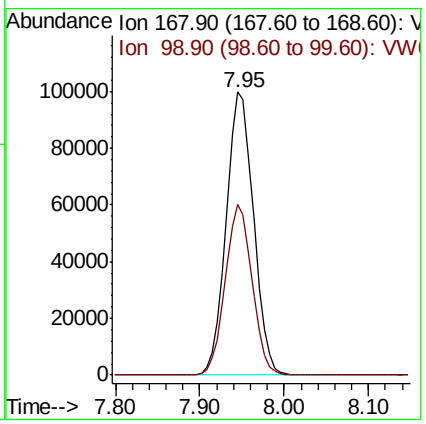


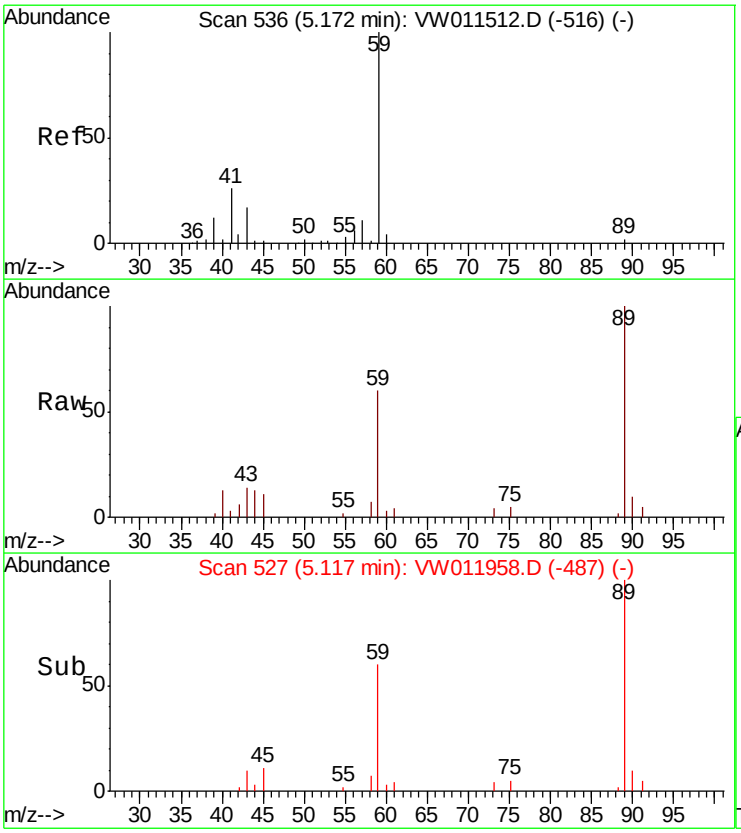
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument : MSVOA_W
ClientSampleId : DUP-X

Tgt Ion:168 Resp: 219989

Ion	Ratio	Lower	Upper
168	100		
99	60.3	48.2	72.4

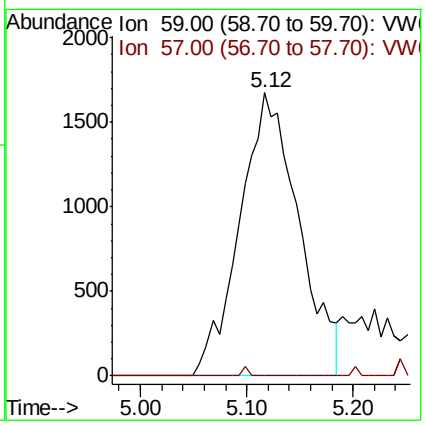


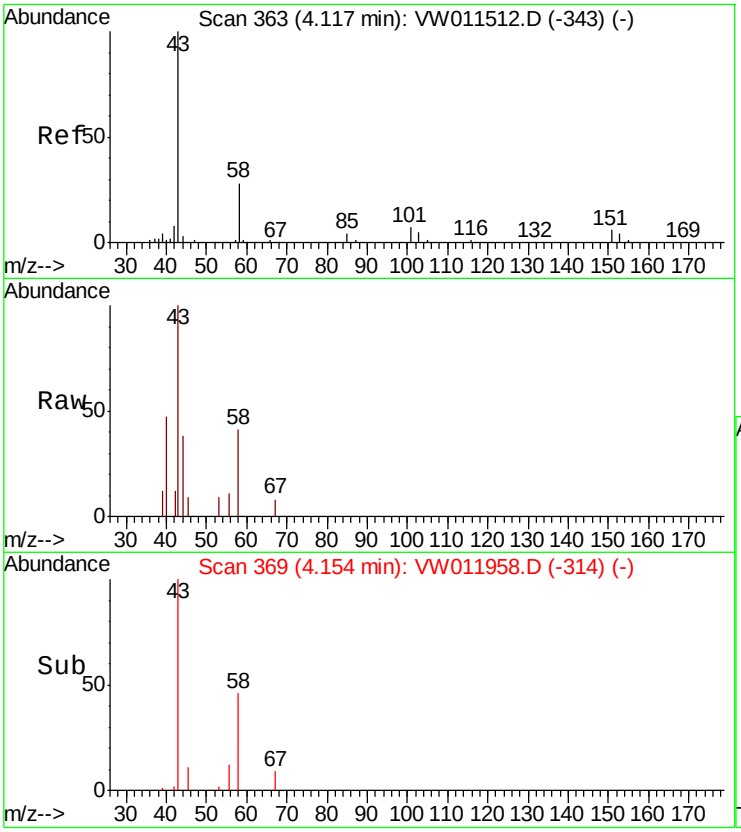


#11
Tert butyl alcohol
Concen: 18.142 ug/l
RT: 5.12 min Scan# 527
Delta R.T. -0.05 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 59 Resp: 6465

Ion	Ratio	Lower	Upper
59	100		
57	0.3	8.5	12.7#



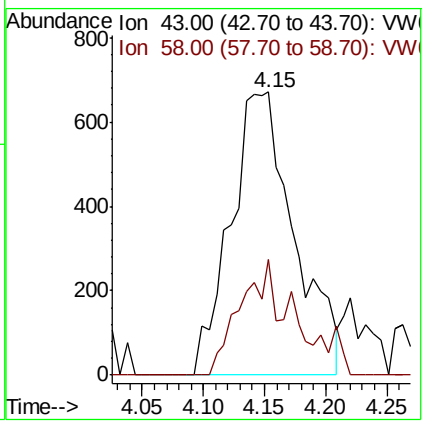


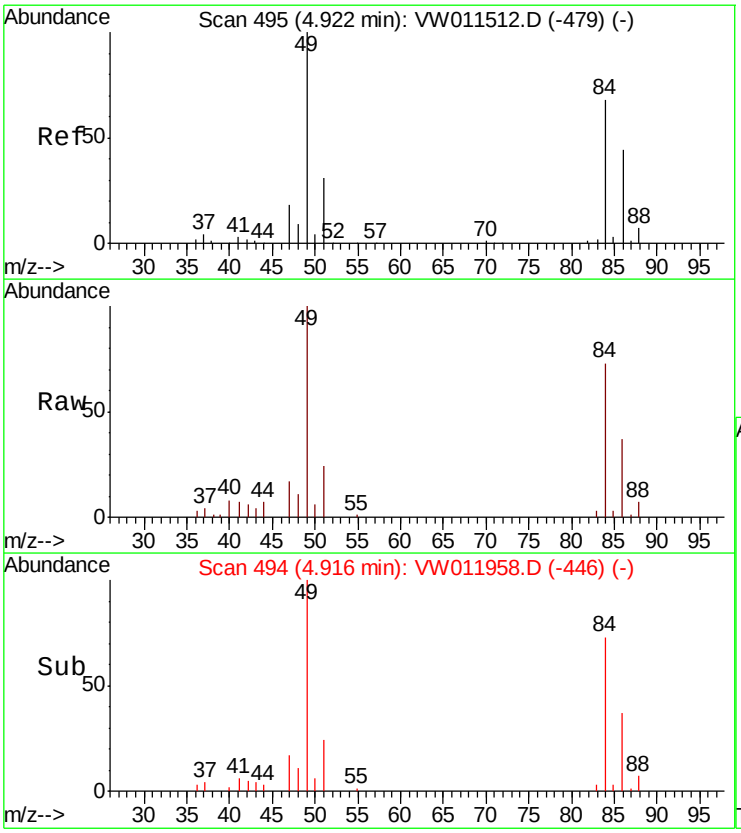
#16
Acetone
Concen: 3.023 ug/l
RT: 4.15 min Scan# 369
Delta R.T. 0.04 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion: 43 Resp: 2429

Ion	Ratio	Lower	Upper
43	100		
58	40.8	22.3	33.5#

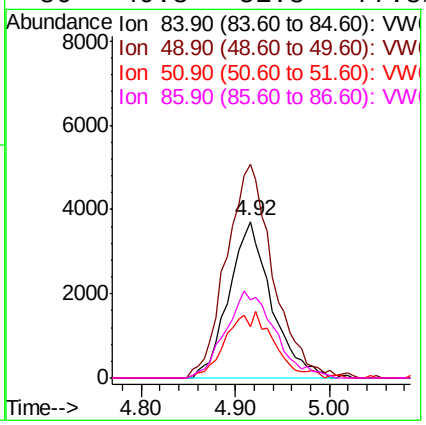


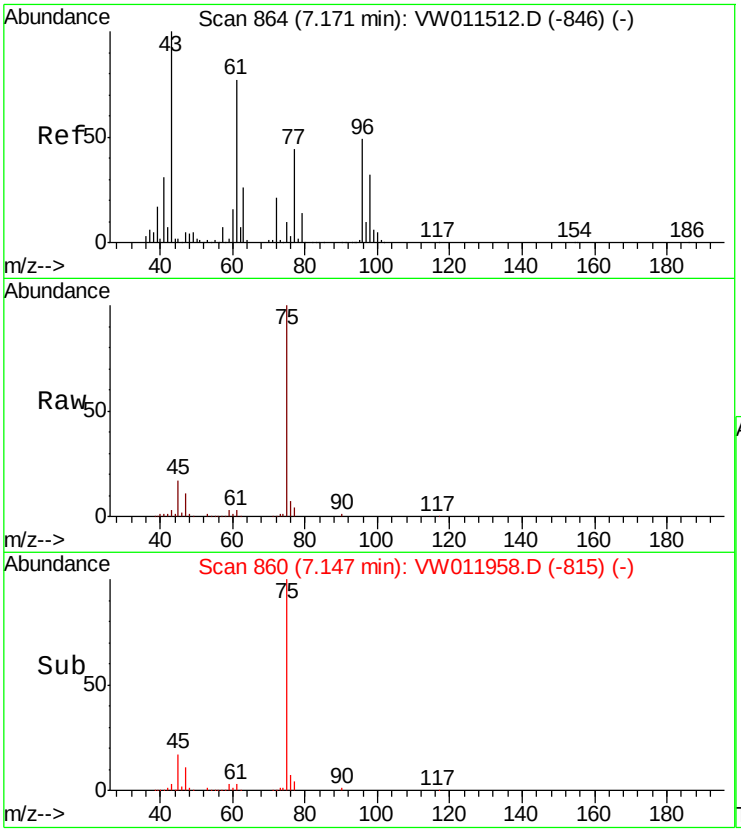


#20
Methylene Chloride
Concen: 4.225 ug/l
RT: 4.92 min Scan# 494
Delta R.T. -0.01 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 84 Resp: 11709

Ion	Ratio	Lower	Upper
84	100		
49	136.3	117.8	176.6
51	32.8	37.0	55.4#
86	49.8	51.8	77.8#



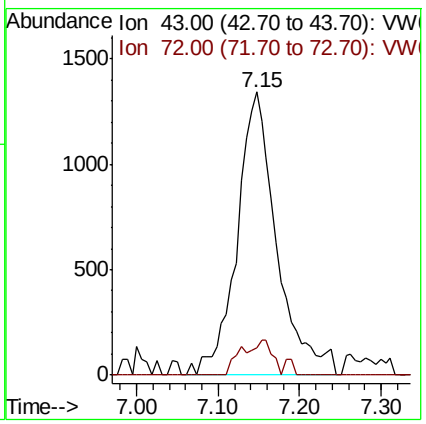


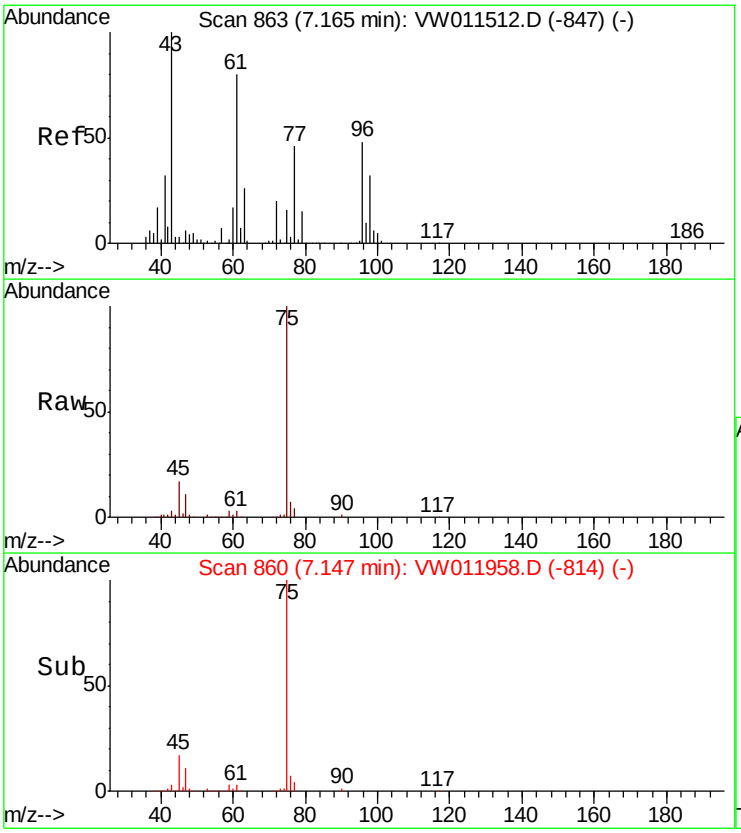
#25
2-Butanone
Concen: 4.330 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion: 43 Resp: 4553

Ion	Ratio	Lower	Upper
43	100		
72	9.5	16.6	24.8#

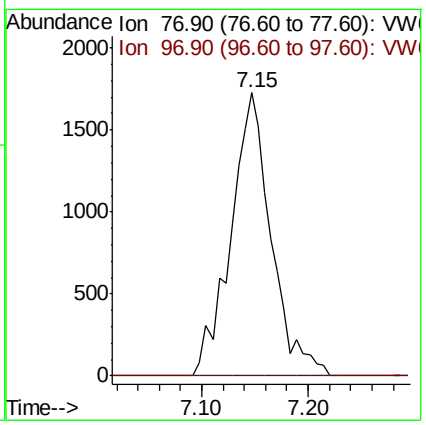


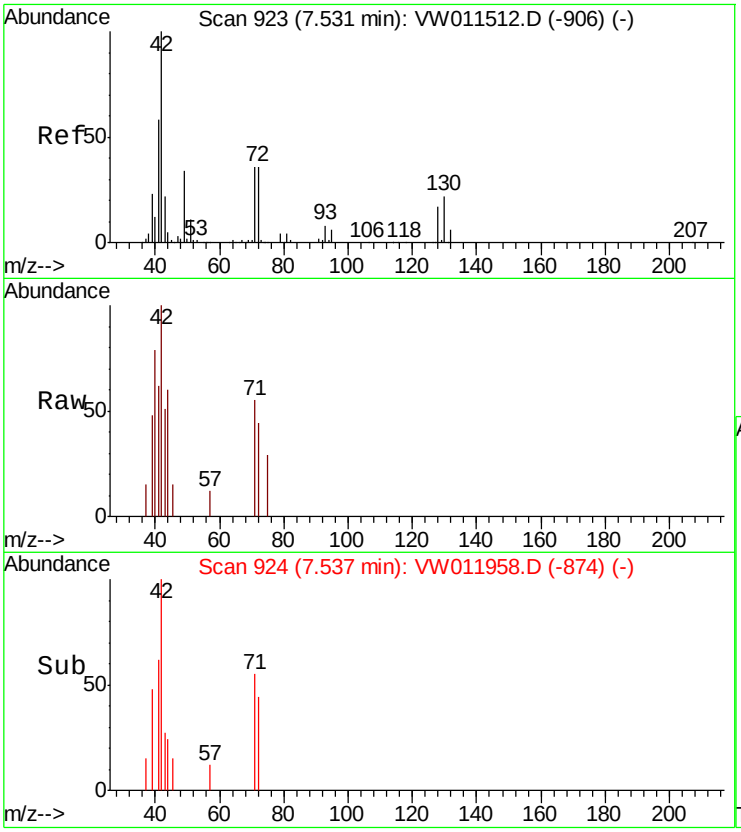


#26
2,2-Dichloropropane
Concen: 1.512 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 77 Resp: 4574

Ion	Ratio	Lower	Upper
77	100		
97	0.0	10.8	32.4#



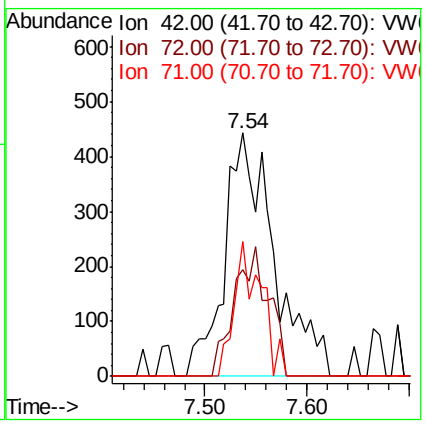


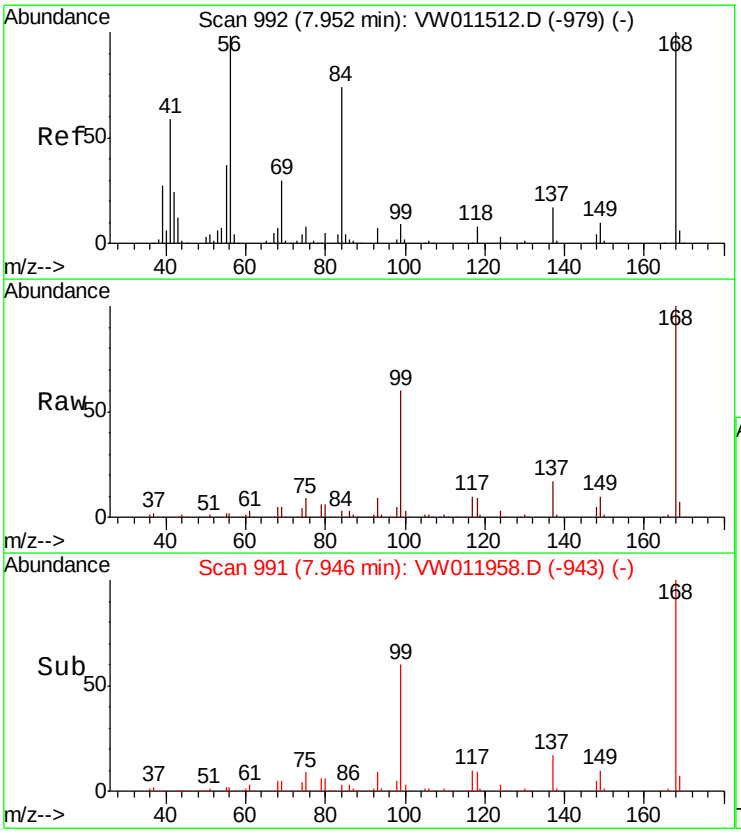
#29
Tetrahydrofuran
Concen: 2.506 ug/l
RT: 7.54 min Scan# 924
Delta R.T. 0.01 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument : MSVOA_W
ClientSampleId : DUP-X

Tgt Ion: 42 Resp: 1506

Ion	Ratio	Lower	Upper
42	100		
72	36.7	27.1	40.7
71	30.3	26.2	39.4

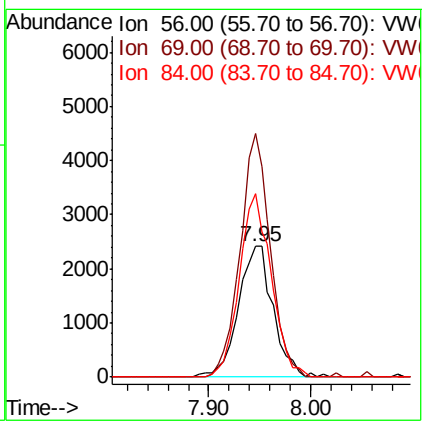


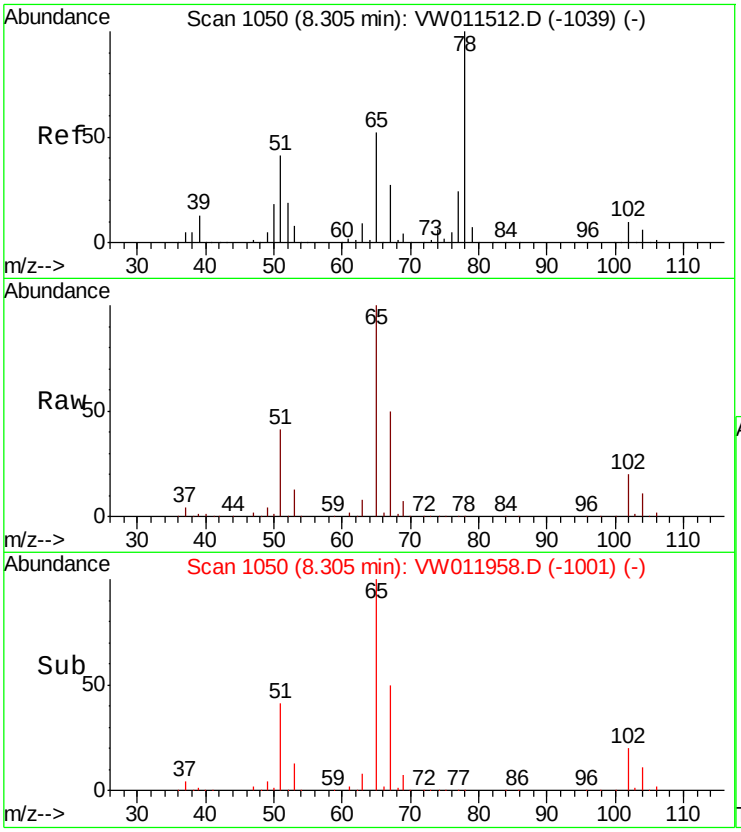


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.01 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 56 Resp: 5702

Ion	Ratio	Lower	Upper
56	100		
69	186.4	24.3	36.5#
84	140.9	60.4	90.6#



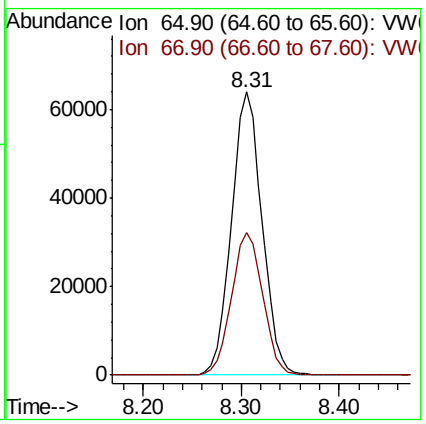


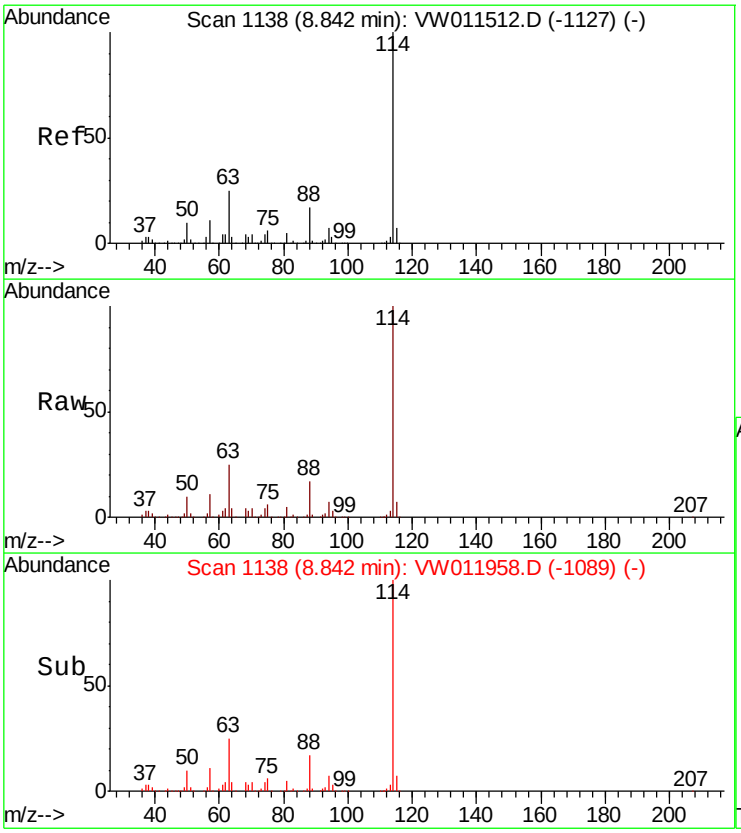
#33
1,2-Dichloroethane-d4
Concen: 55.040 ug/l
RT: 8.31 min Scan# 1050
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion: 65 Resp: 139037

Ion	Ratio	Lower	Upper
65	100		
67	51.3	0.0	105.2

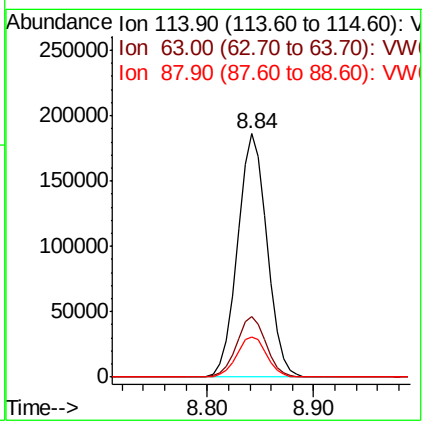


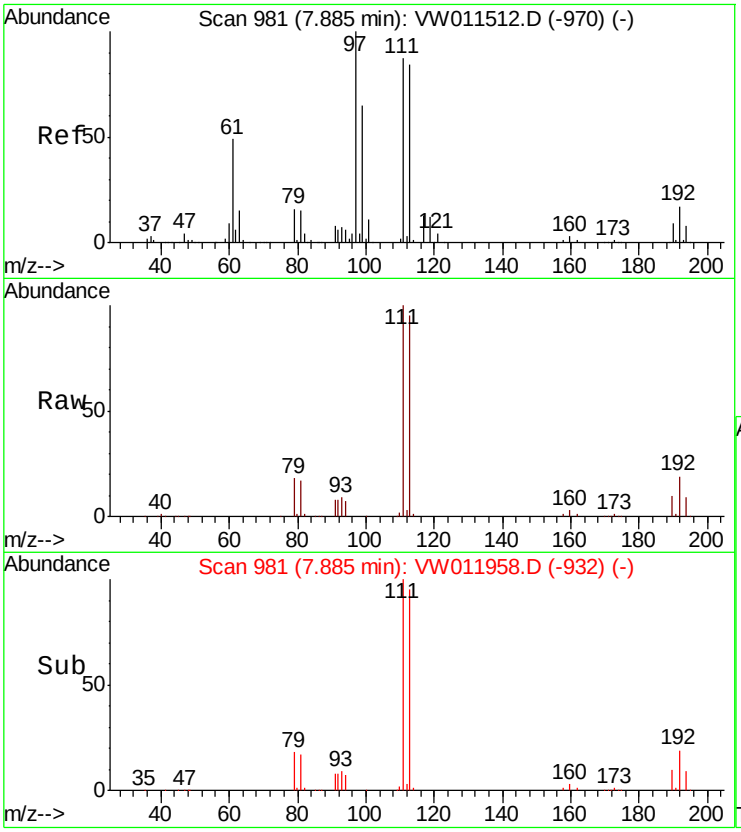


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion:114 Resp: 362068

Ion	Ratio	Lower	Upper
114	100		
63	24.7	0.0	49.2
88	16.7	0.0	33.8



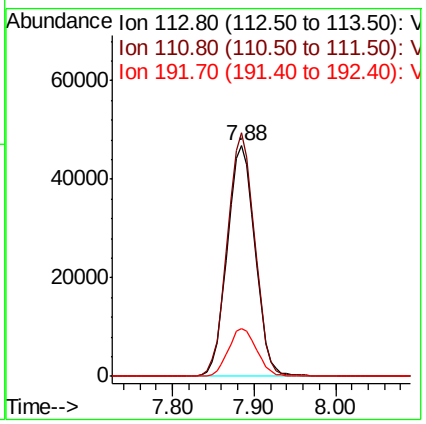


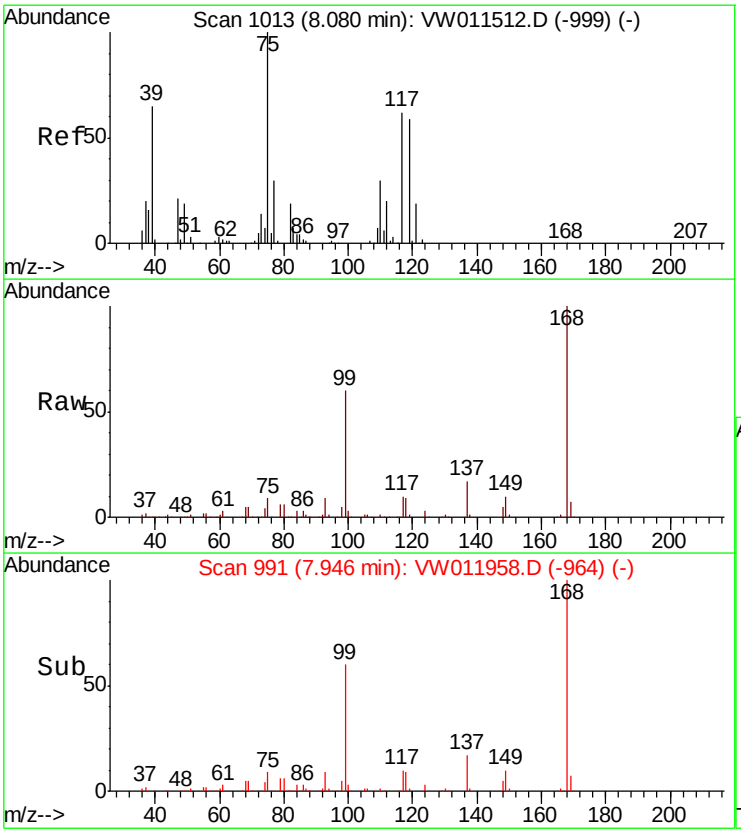
#35
Dibromofluoromethane
Concen: 54.022 ug/l
RT: 7.88 min Scan# 981
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion:113 Resp: 109734

Ion	Ratio	Lower	Upper
113	100		
111	104.3	82.7	124.1
192	20.9	16.1	24.1

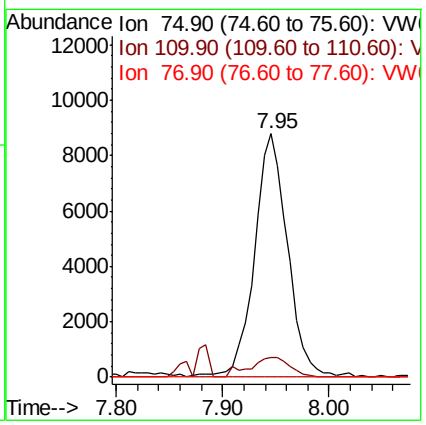


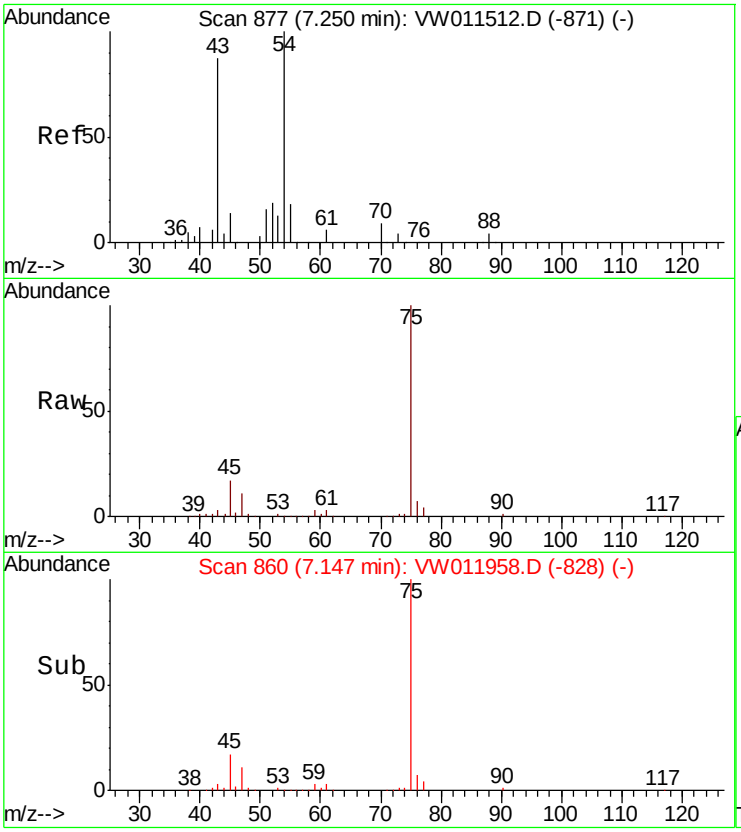


#36
1,1-Dichloropropene
Concen: 5.065 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.13 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 75 Resp: 19069

Ion	Ratio	Lower	Upper
75	100		
110	9.9	15.6	46.8#
77	0.0	24.3	36.5#



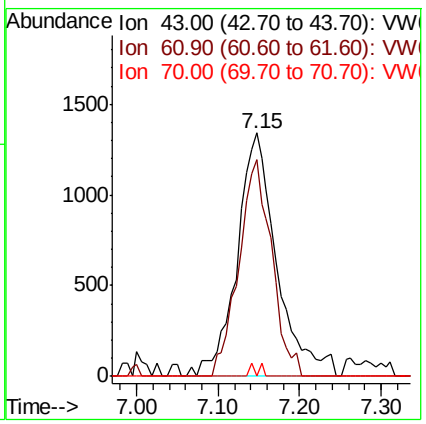


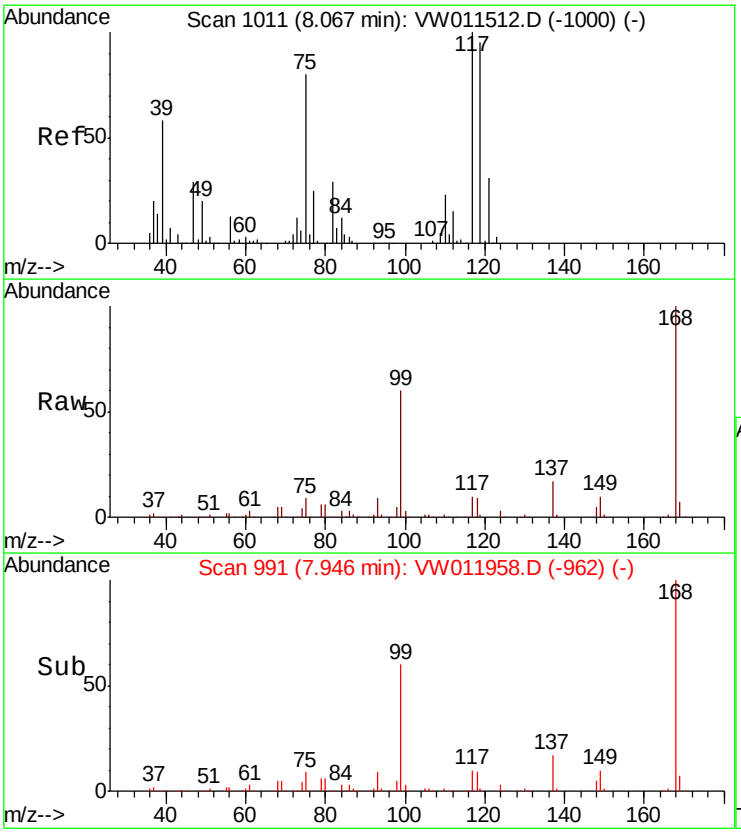
#37
Ethyl Acetate
Concen: 2.102 ug/l
RT: 7.15 min Scan# 860
Delta R.T. -0.10 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion: 43 Resp: 4553

Ion	Ratio	Lower	Upper
43	100		
61	73.2	8.8	13.2#
70	1.2	7.1	10.7#

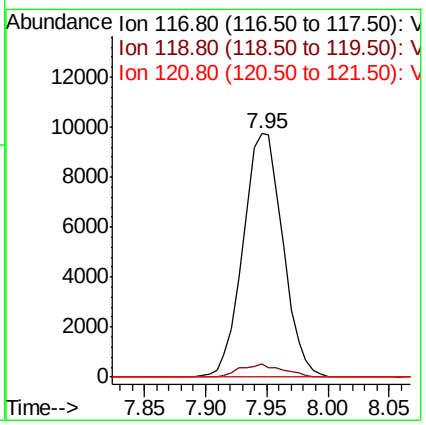


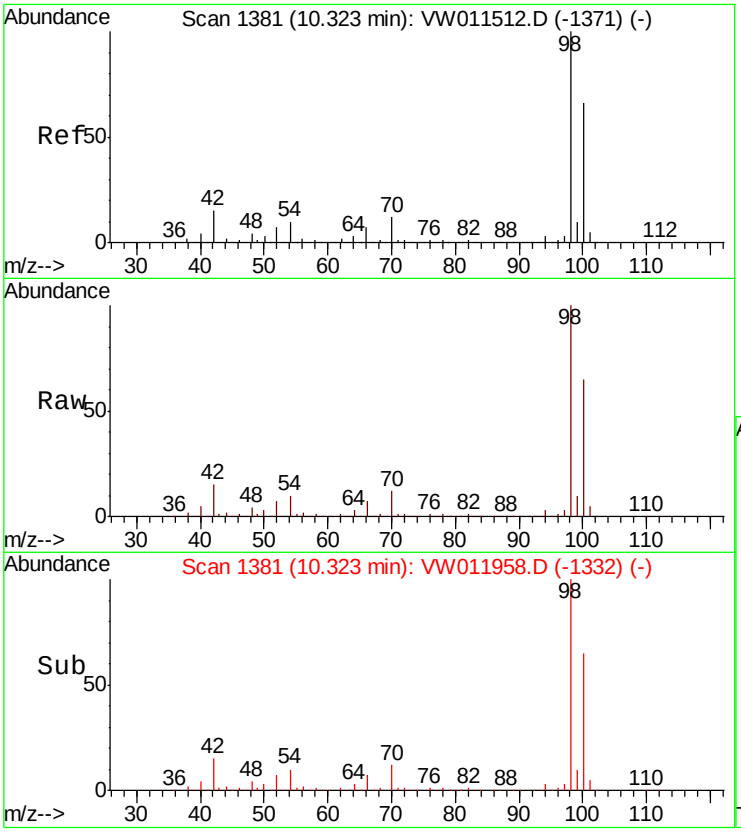


#38
Carbon Tetrachloride
Concen: 6.837 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.12 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion:117 Resp: 22035

Ion	Ratio	Lower	Upper
117	100		
119	5.3	75.8	113.6#
121	0.0	24.7	37.1#



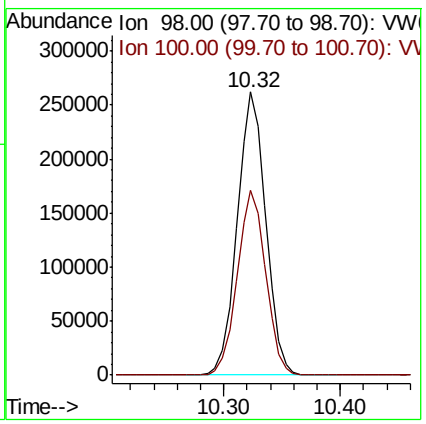


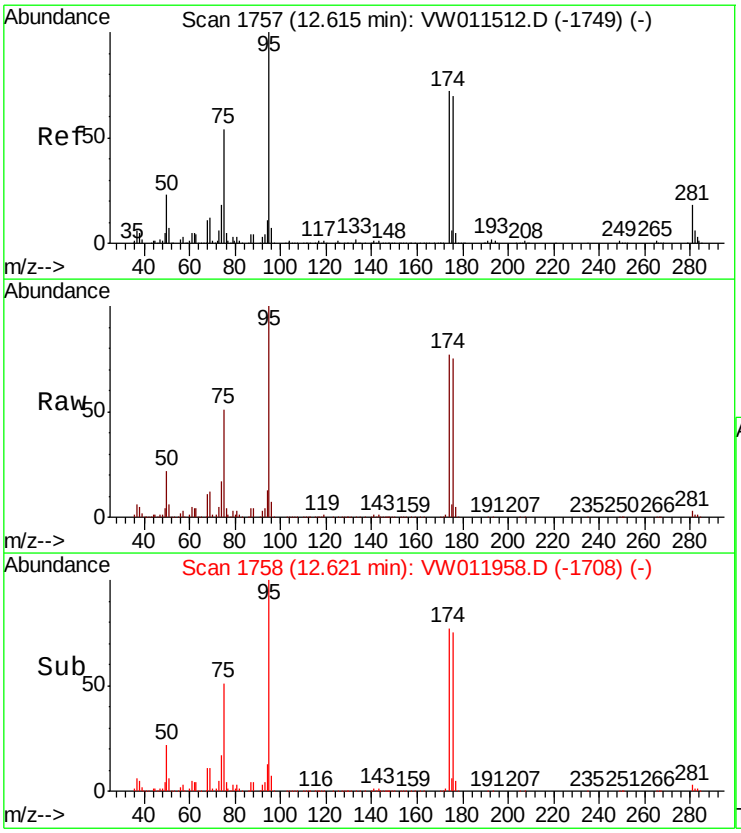
#50
Toluene-d8
Concen: 53.700 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument : MSVOA_W
ClientSampleId : DUP-X

Tgt Ion: 98 Resp: 446603

Ion	Ratio	Lower	Upper
98	100		
100	65.1	52.7	79.1

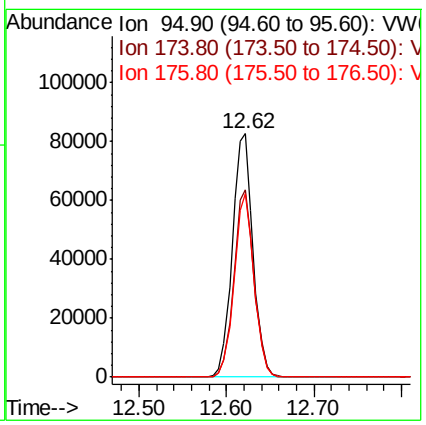


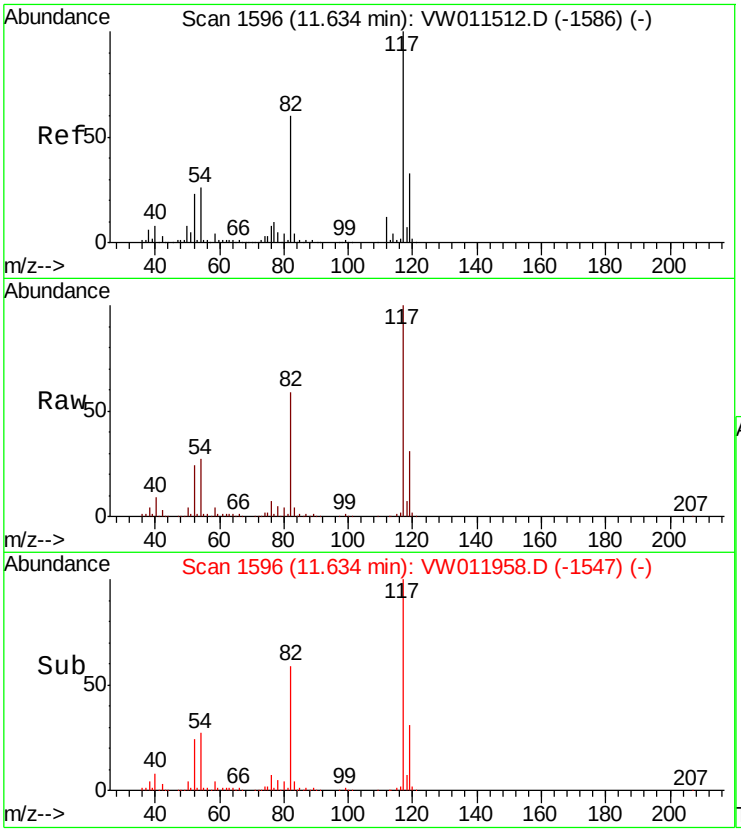


#62
4-Bromofluorobenzene
Concen: 45.846 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.01 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 95 Resp: 135935

Ion	Ratio	Lower	Upper
95	100		
174	75.3	0.0	150.2
176	72.7	0.0	144.4



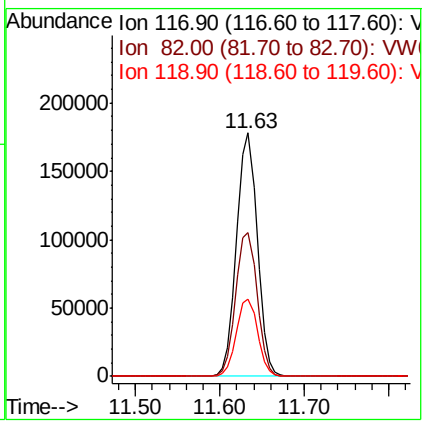


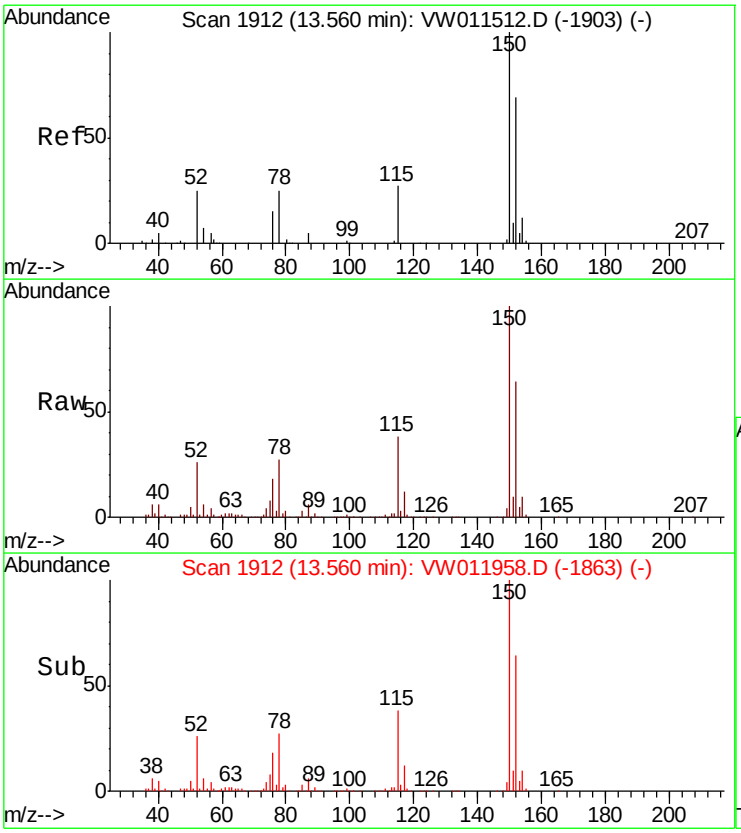
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument : MSVOA_W
ClientSampleId : DUP-X

Tgt Ion:117 Resp: 294651

Ion	Ratio	Lower	Upper
117	100		
82	58.9	47.9	71.9
119	31.5	26.2	39.2

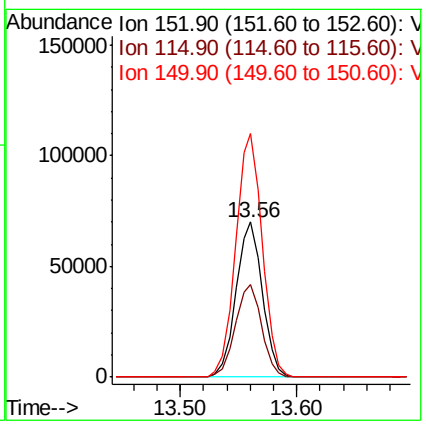


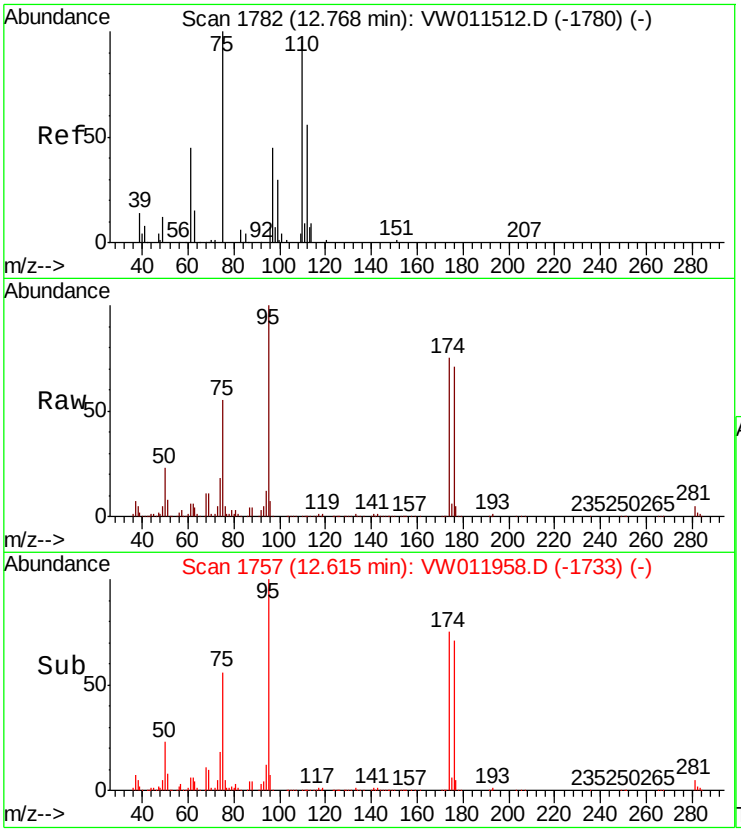


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.56 min Scan# 1912
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion:152 Resp: 110061

Ion	Ratio	Lower	Upper
152	100		
115	59.9	30.5	91.5
150	158.3	0.0	352.6



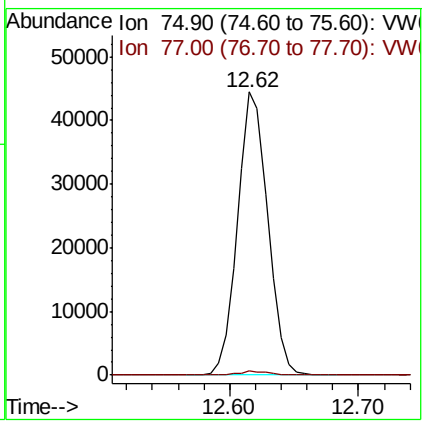


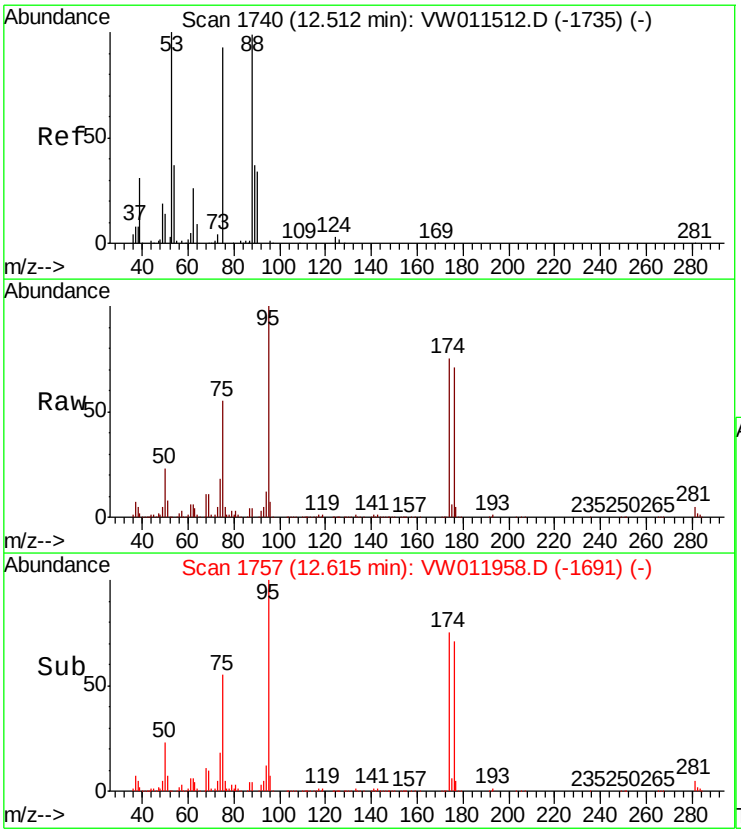
#76
1,2,3-Trichloropropane
Concen: 61.536 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.15 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion: 75 Resp: 71663

Ion	Ratio	Lower	Upper
75	100		
77	1.4	0.0	0.0#

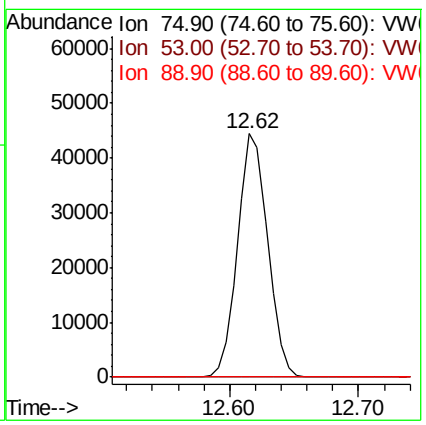


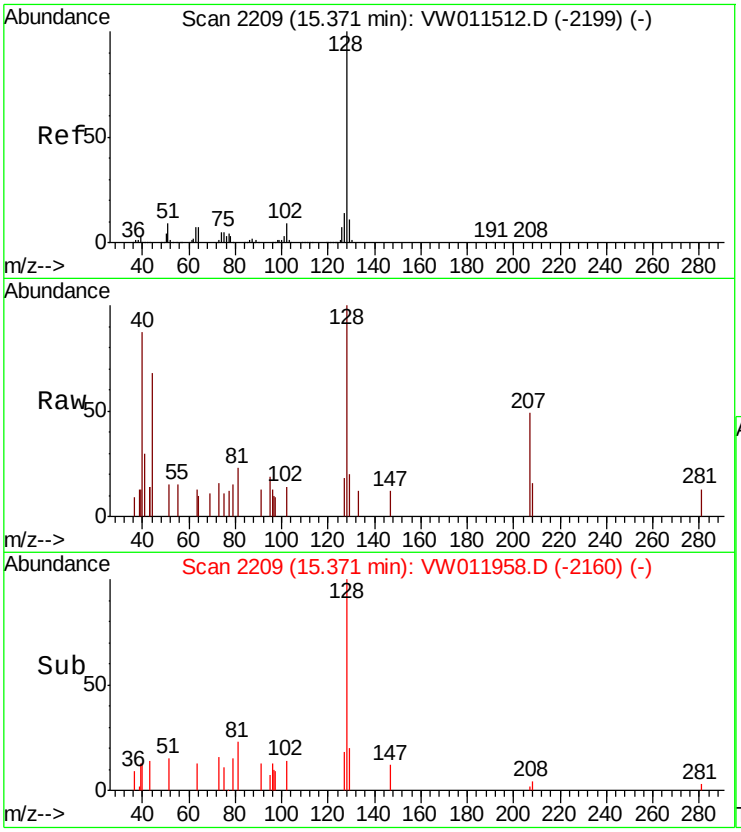


#81
trans-1,4-Dichloro-2-butene
Concen: 141.819 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. 0.10 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Tgt Ion: 75 Resp: 71663

Ion	Ratio	Lower	Upper
75	100		
53	0.2	88.0	132.0#
89	0.0	35.3	52.9#





#95
Naphthalene
Concen: 2.299 ug/l
RT: 15.37 min Scan# 2209
Delta R.T. 0.00 min
Lab File: VW011958.D
Acq: 16 Aug 2019 12:18

Instrument :
MSVOA_W
ClientSampleId :
DUP-X

Tgt Ion:128 Resp: 1055

Ion	Ratio	Lower	Upper
128	100		
127	8.3	10.6	16.0#
129	18.4	8.6	13.0#