Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
Data File : VW014547.D
Acq On : 07 Jan 2020 15:22
Operator : SY/VA
Sample : K6476-07
Misc : 8.05G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument : MSVOA_W
ClientSampleId : WP022SB455_191227-21-23

Quant Time: Jan 08 06:56:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	701487	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.84	114	1098598	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	937777	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.55	152	429677	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.30	65	284198	46.34	ug/l	0.00
Spiked Amount 50.000			Recovery = 92.68%			
35) Dibromofluoromethane	7.88	113	291988	46.50	ug/l	0.00
Spiked Amount 50.000			Recovery = 93.00%			
50) Toluene-d8	10.32	98	1235457	47.15	ug/l	0.00
Spiked Amount 50.000			Recovery = 94.30%			
62) 4-Bromofluorobenzene	12.62	95	426986	48.04	ug/l	0.00
Spiked Amount 50.000			Recovery = 96.08%			
Target Compounds						Qvalue
4) Vinyl Chloride	2.35	62	374198	52.477	ug/l	99
12) 1,1-Dichloroethene	4.04	96	114847	16.452	ug/l	98
16) Acetone	4.12	43	26327	15.202	ug/l	100
18) Methyl Acetate	4.67	43	25070	5.994	ug/l	93
21) trans-1,2-Dichloroethene	5.42	96	69615	9.392	ug/l	94
24) 1,1-Dichloroethane	6.21	63	66741	5.299	ug/l	98
27) cis-1,2-Dichloroethene	7.16	96	8486441	1089.588	ug/l	92
30) Chloroform	7.67	83	14652	1.244	ug/l	97
44) Trichloroethene	9.09	130	10172267	1254.521	ug/l	94
52) Toluene	10.38	92	23371	1.240	ug/l	92
55) 1,1,2-Trichloroethane	10.79	97	12622	2.381	ug/l #	87
65) Chlorobenzene	11.65	112	24319	1.266	ug/l	100

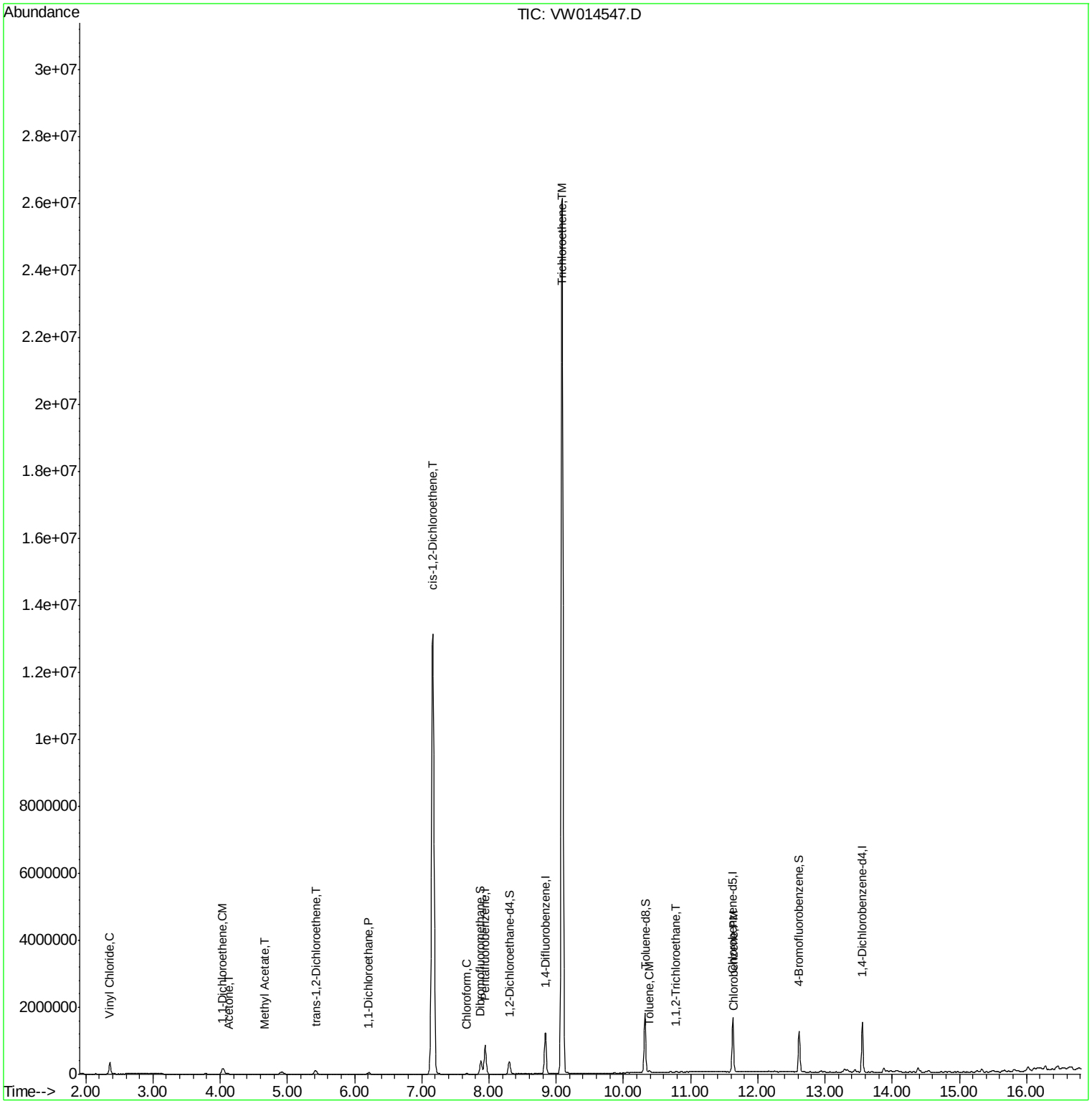
(#) = qualifier out of range (m) = manual integration (+) = signals summed

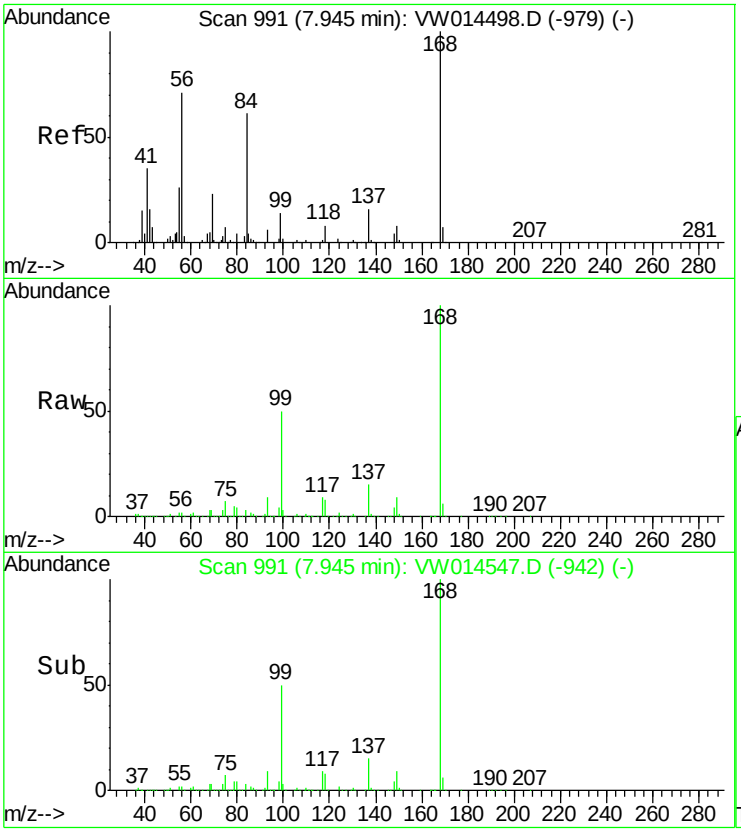
Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW010720\
Data File : VW014547.D
Acq On : 07 Jan 2020 15:22
Operator : SY/VA
Sample : K6476-07
Misc : 8.05G/5ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Quant Time: Jan 08 06:56:19 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W010320S.M
Quant Title : SW846 8260
QLast Update : Fri Jan 03 16:07:20 2020
Response via : Initial Calibration



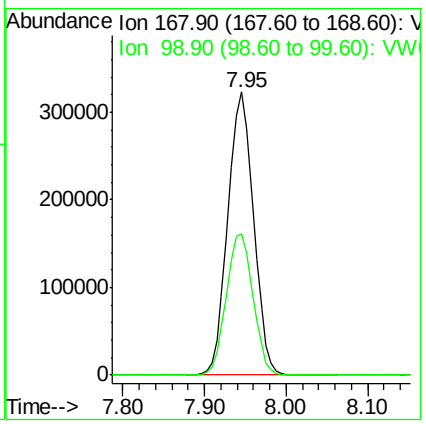


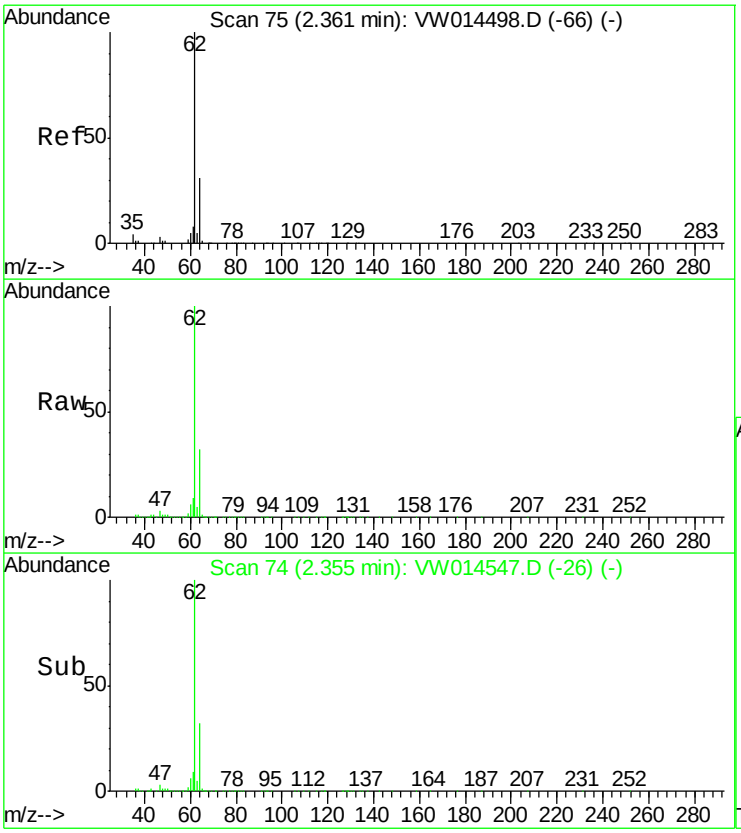
#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.95 min Scan# 991
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion:168 Resp: 701487

Ion	Ratio	Lower	Upper
168	100		
99	49.7	41.1	61.7

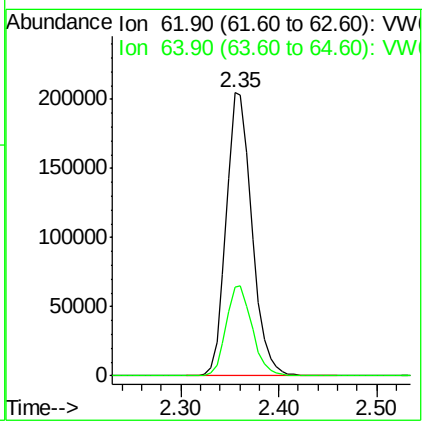


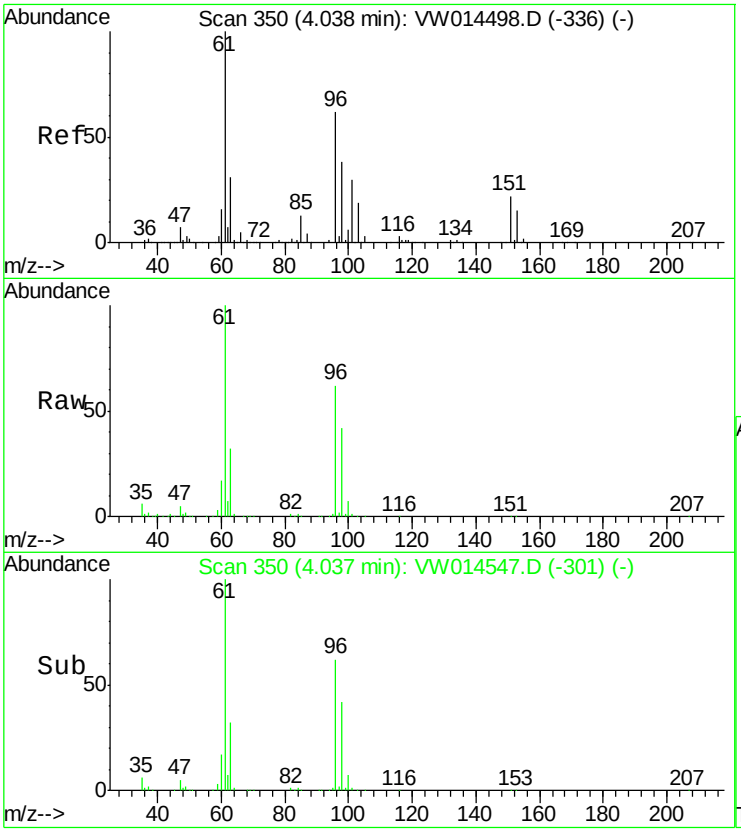


#4
Vinyl Chloride
Concen: 52.477 ug/l
RT: 2.35 min Scan# 74
Delta R.T. -0.01 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 62 Resp: 374198

Ion	Ratio	Lower	Upper
62	100		
64	31.5	25.0	37.4



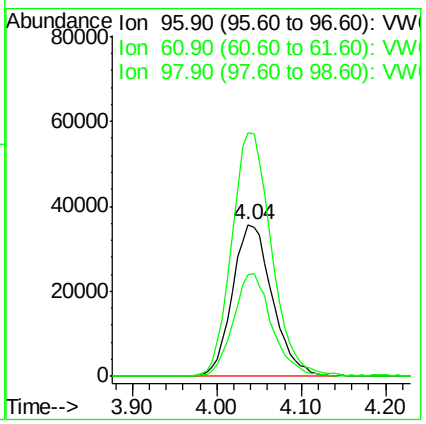


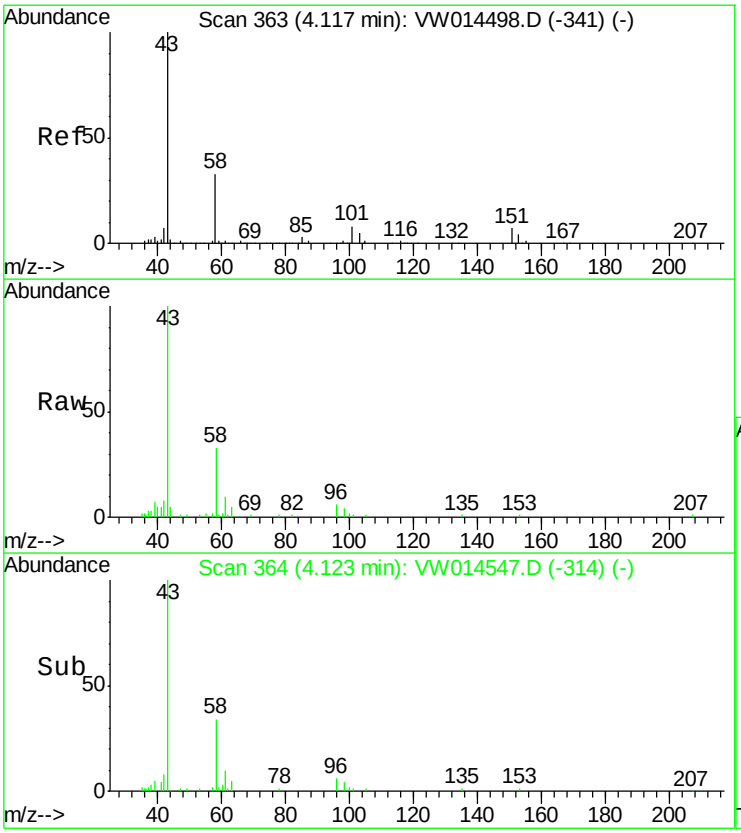
#12
1,1-Dichloroethene
Concen: 16.452 ug/l
RT: 4.04 min Scan# 350
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion: 96 Resp: 114847

Ion	Ratio	Lower	Upper
96	100		
61	160.2	128.4	192.6
98	67.2	49.1	73.7

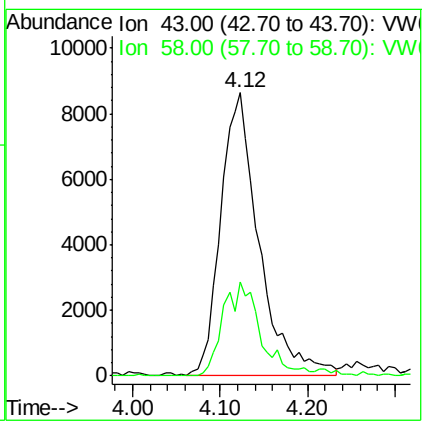


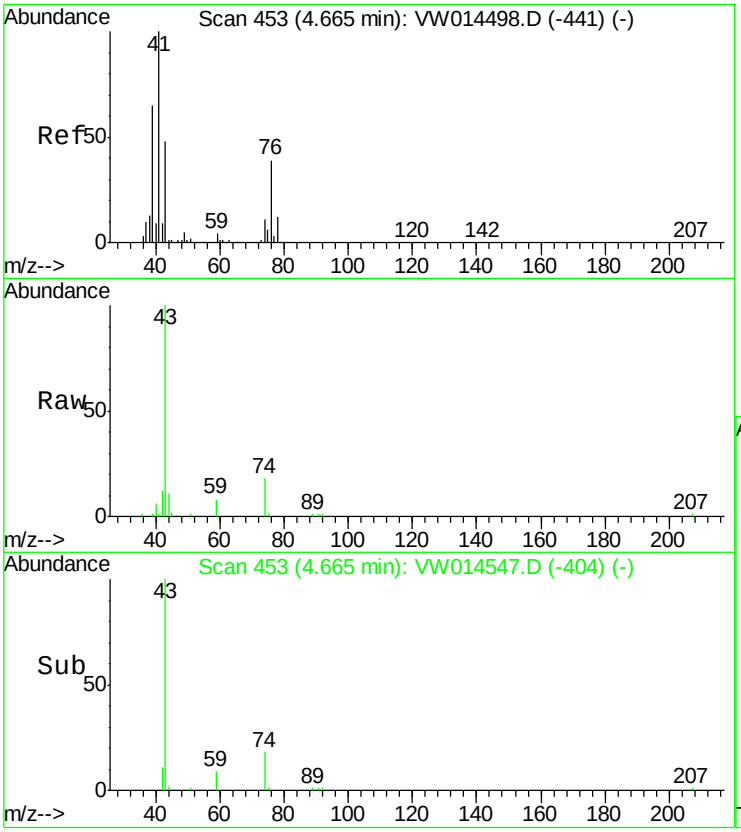


#16
Acetone
Concen: 15.202 ug/l
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 43 Resp: 26327

Ion	Ratio	Lower	Upper
43	100		
58	33.4	26.6	39.8



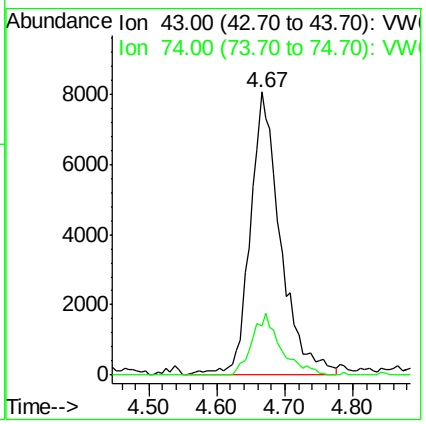


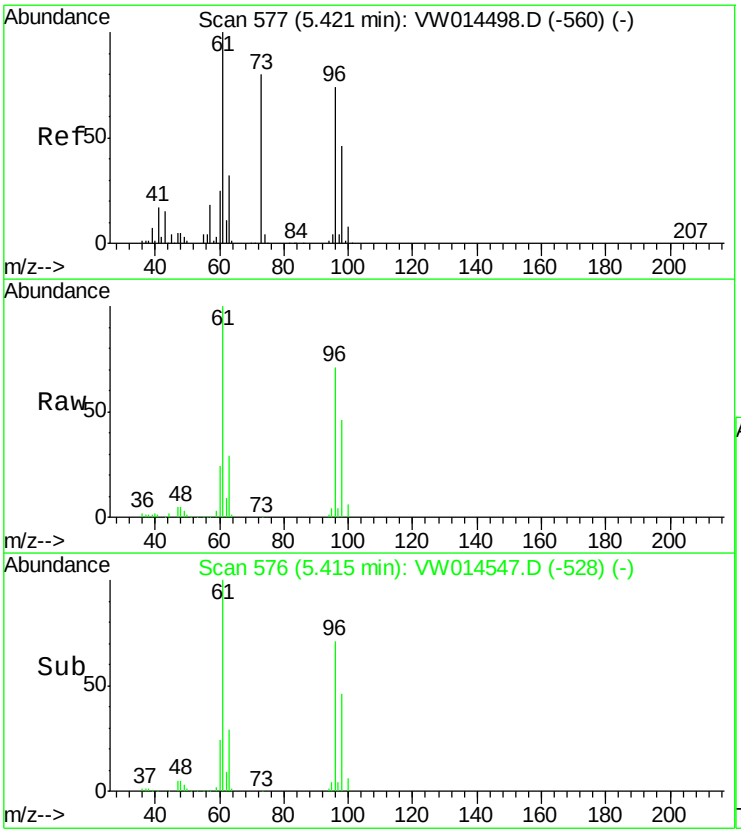
#18
Methyl Acetate
Concen: 5.994 ug/l
RT: 4.67 min Scan# 453
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion: 43 Resp: 25070

Ion	Ratio	Lower	Upper
43	100		
74	20.7	19.3	28.9

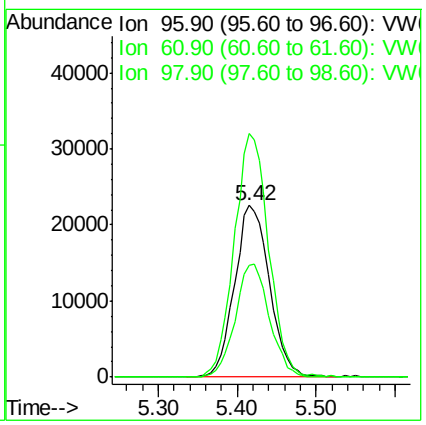


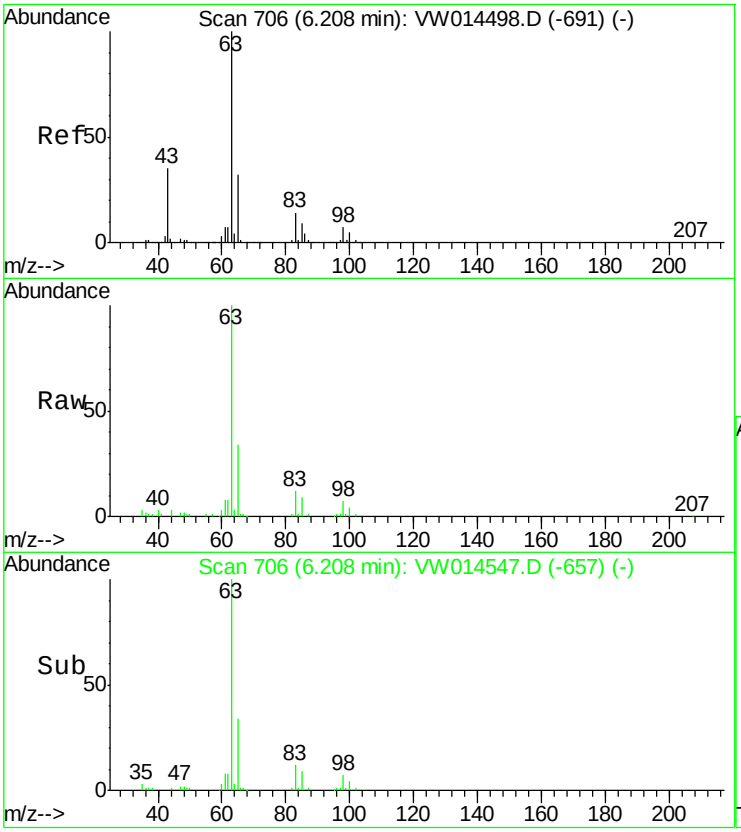


#21
trans-1,2-Dichloroethene
Concen: 9.392 ug/l
RT: 5.42 min Scan# 576
Delta R.T. -0.01 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 96 Resp: 69615

Ion	Ratio	Lower	Upper
96	100		
61	141.8	107.8	161.6
98	65.3	49.4	74.0



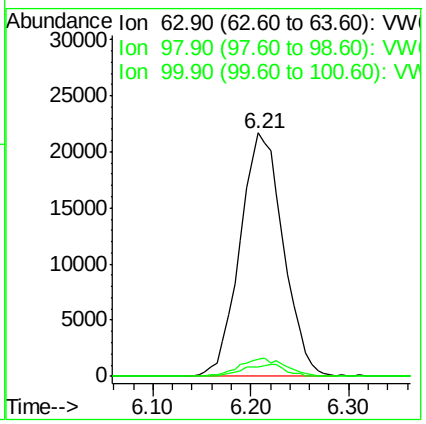


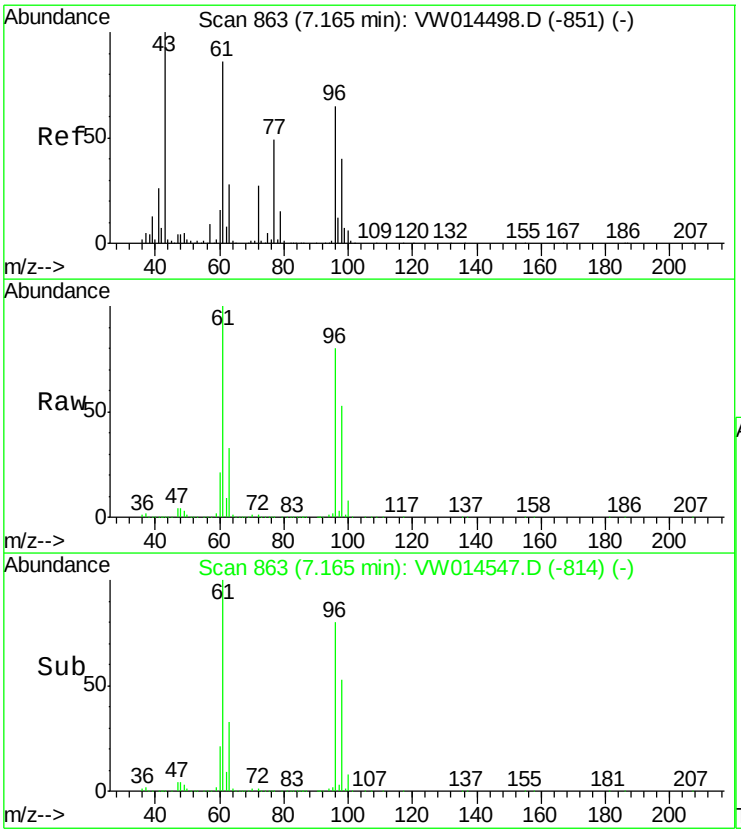
#24
1,1-Dichloroethane
Concen: 5.299 ug/l
RT: 6.21 min Scan# 706
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion: 63 Resp: 66741

Ion	Ratio	Lower	Upper
63	100		
98	6.8	3.5	10.4
100	3.8	2.5	7.4

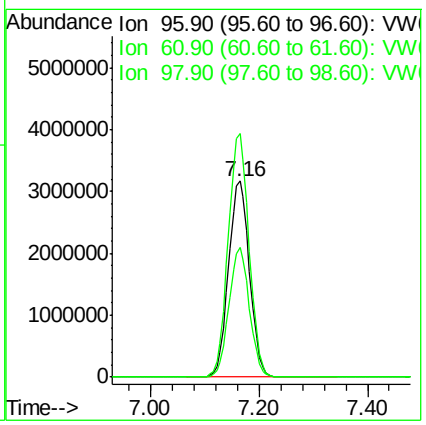


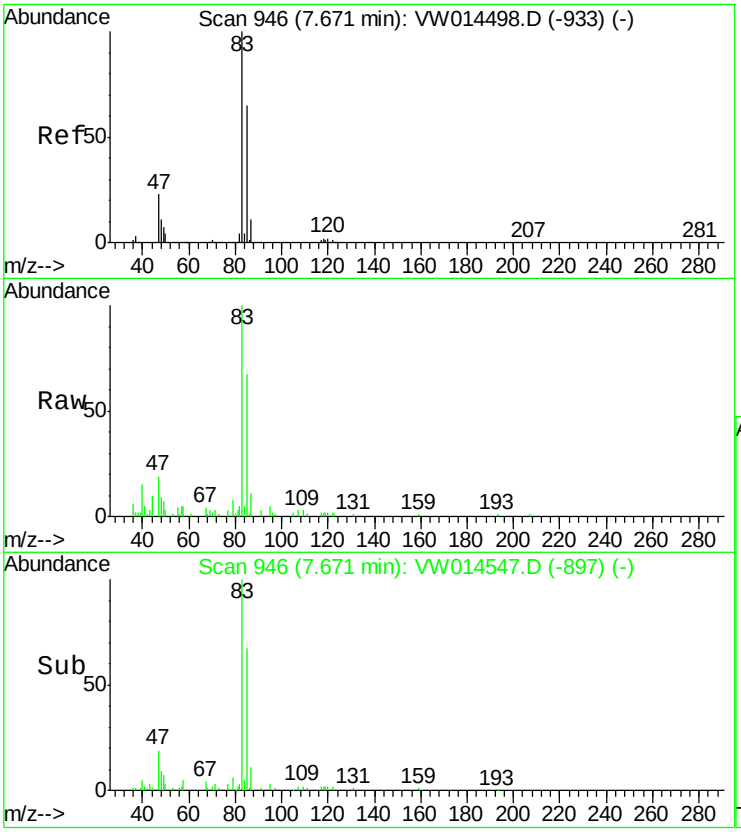


#27
cis-1,2-Dichloroethene
Concen: 1089.588 ug/l
RT: 7.16 min Scan# 863
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 96 Resp: 8486441

Ion	Ratio	Lower	Upper
96	100		
61	124.2	0.0	274.8
98	64.8	0.0	128.6



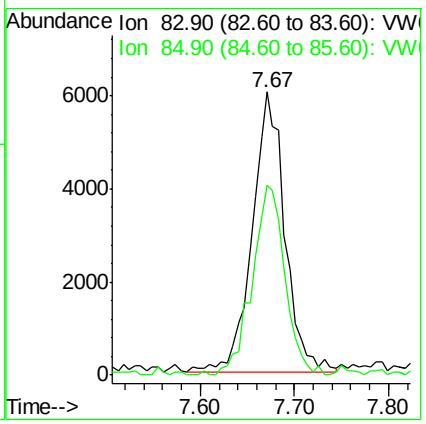


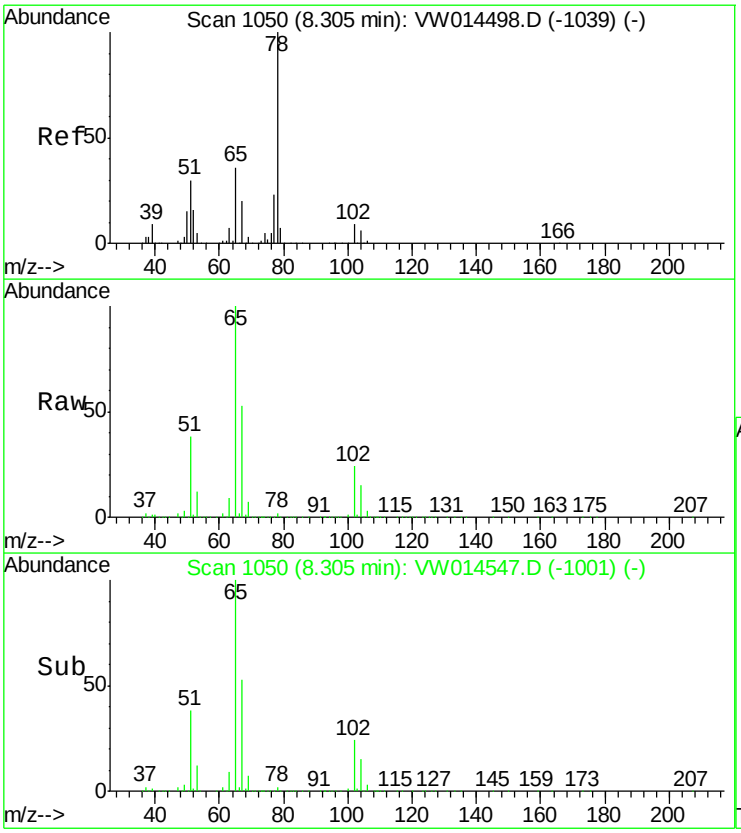
#30
Chloroform
Concen: 1.244 ug/l
RT: 7.67 min Scan# 946
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion: 83 Resp: 14652

Ion	Ratio	Lower	Upper
83	100		
85	67.8	52.2	78.2

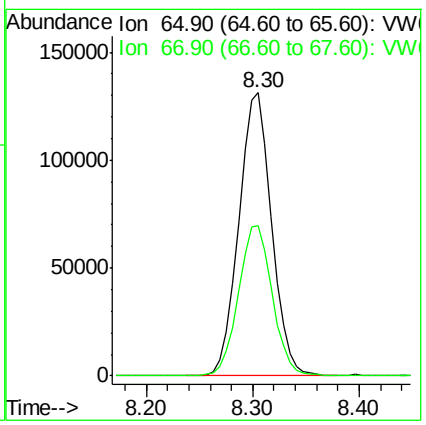


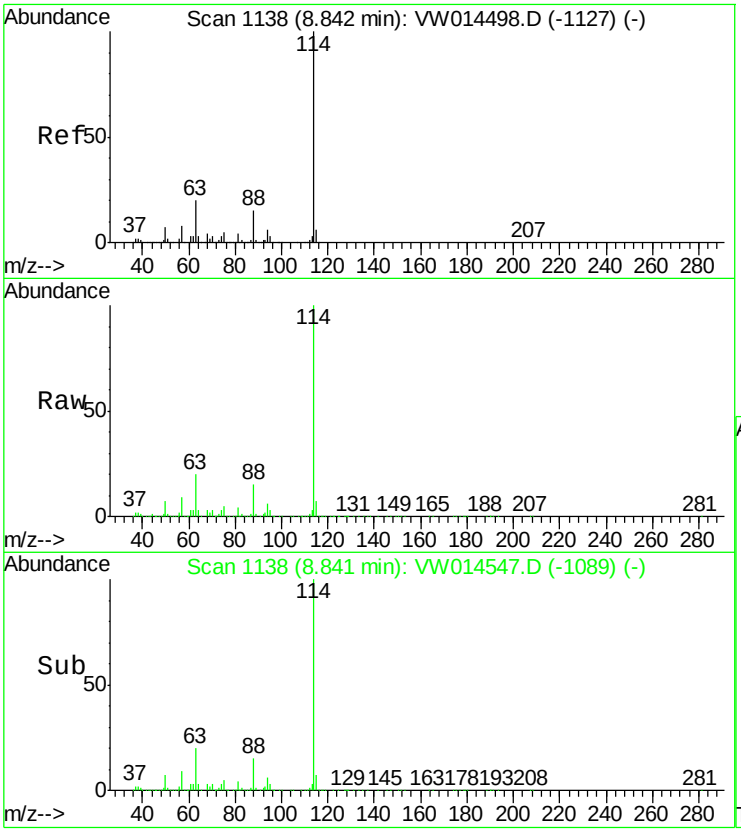


#33
1,2-Dichloroethane-d4
Concen: 46.338 ug/l
RT: 8.30 min Scan# 1050
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 65 Resp: 284198

Ion	Ratio	Lower	Upper
65	100		
67	54.2	0.0	108.4



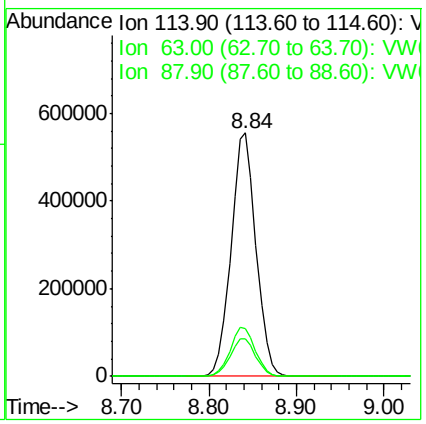


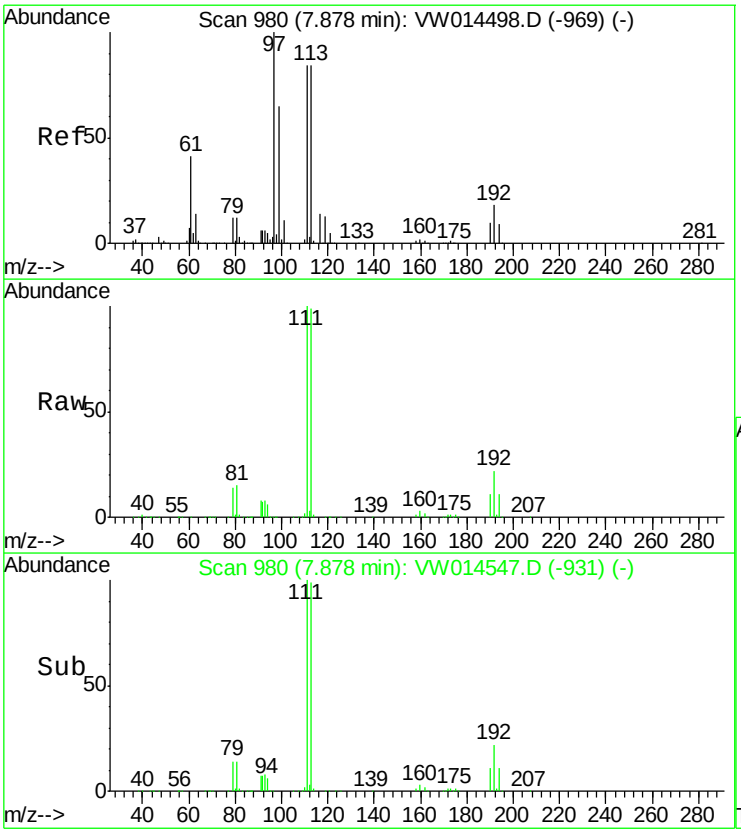
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.84 min Scan# 1138
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion:114 Resp: 1098598

Ion	Ratio	Lower	Upper
114	100		
63	19.6	0.0	40.4
88	15.2	0.0	30.6

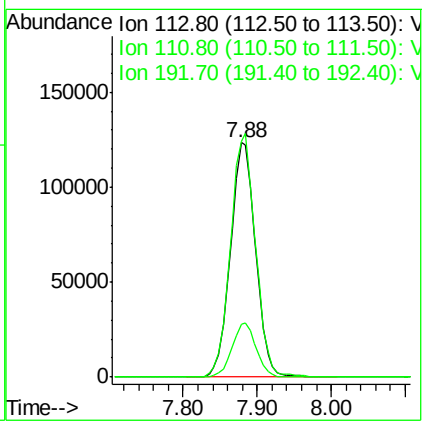


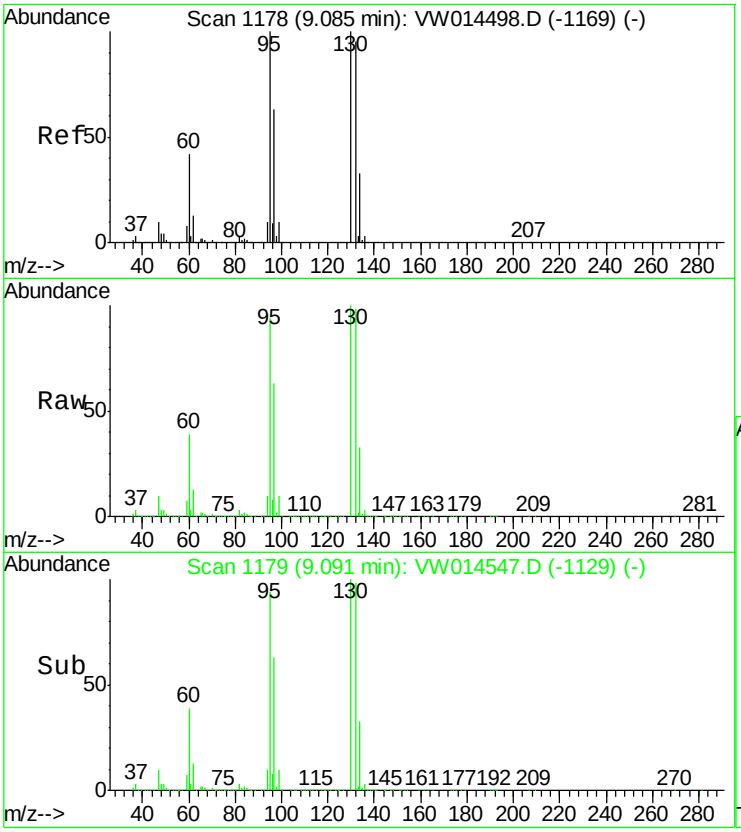


#35
Dibromofluoromethane
Concen: 46.505 ug/l
RT: 7.88 min Scan# 980
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion:113 Resp: 291988

Ion	Ratio	Lower	Upper
113	100		
111	103.2	81.4	122.2
192	22.3	17.8	26.8



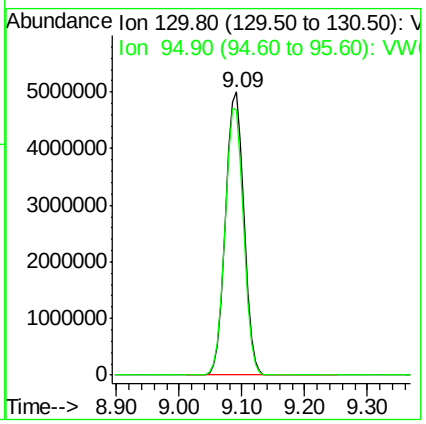


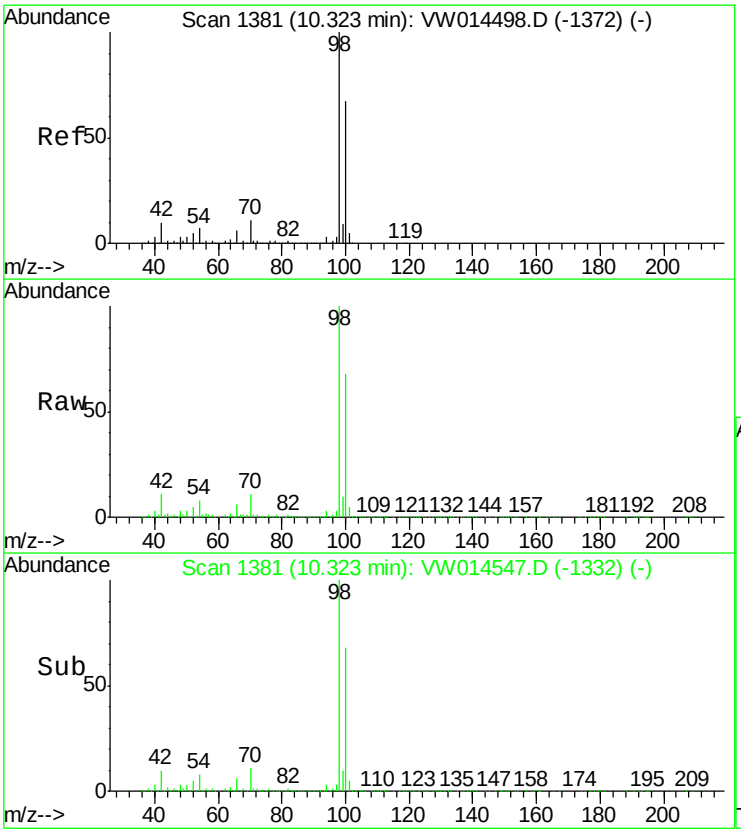
#44
Trichloroethene
Concen: 1254.521 ug/l
RT: 9.09 min Scan# 1179
Delta R.T. 0.01 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion:130 Resp:10172267

Ion	Ratio	Lower	Upper
130	100		
95	93.6	0.0	199.4

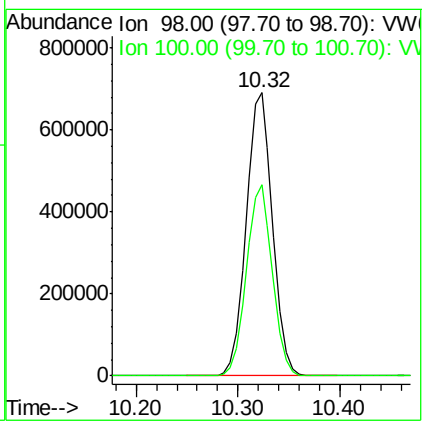


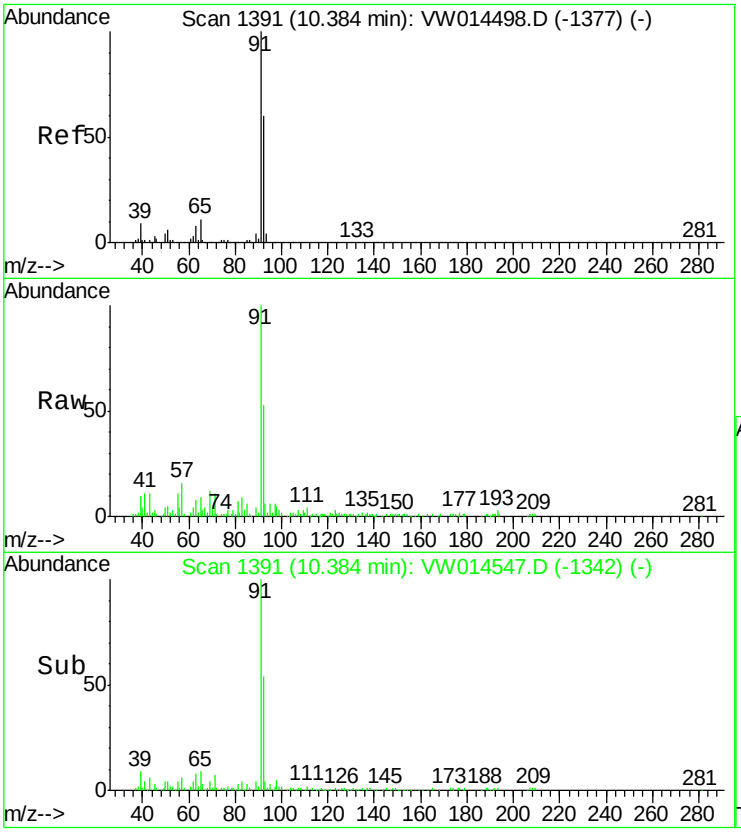


#50
Toluene-d8
Concen: 47.150 ug/l
RT: 10.32 min Scan# 1381
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 98 Resp: 1235457

Ion	Ratio	Lower	Upper
98	100		
100	66.7	53.8	80.6



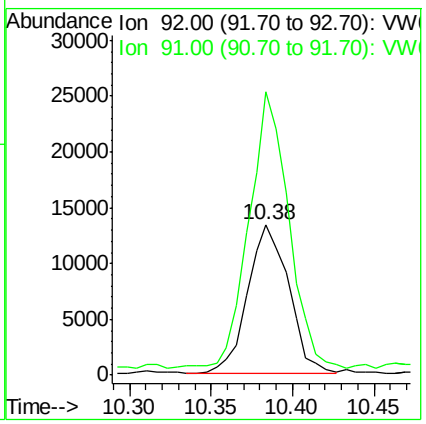


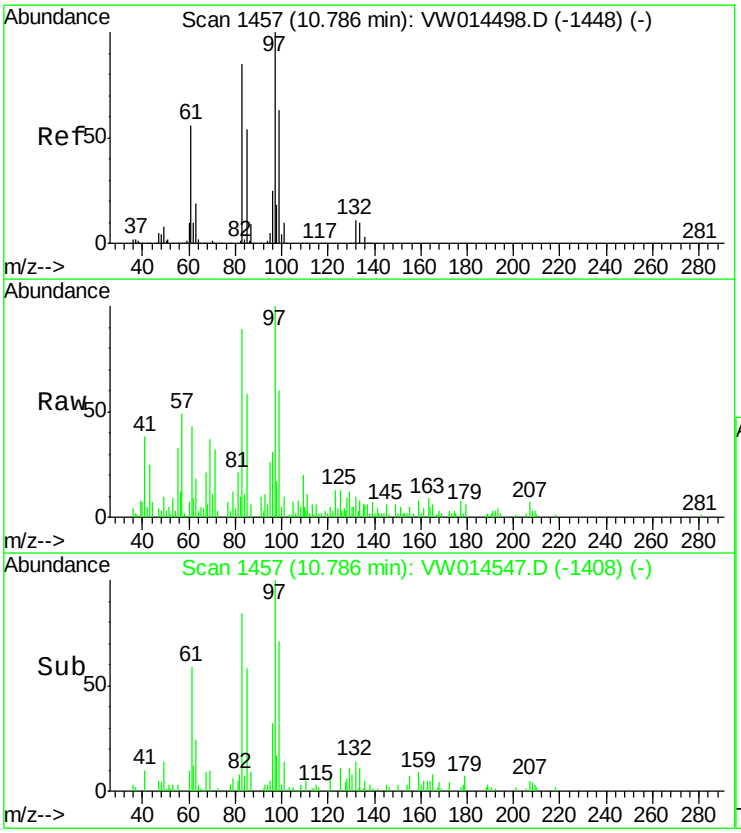
#52
Toluene
Concen: 1.240 ug/l
RT: 10.38 min Scan# 1391
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument : MSVOA_W
ClientSampleId : WP022SB455_191227-21-23

Tgt Ion: 92 Resp: 23371

Ion	Ratio	Lower	Upper
92	100		
91	178.3	134.1	201.1

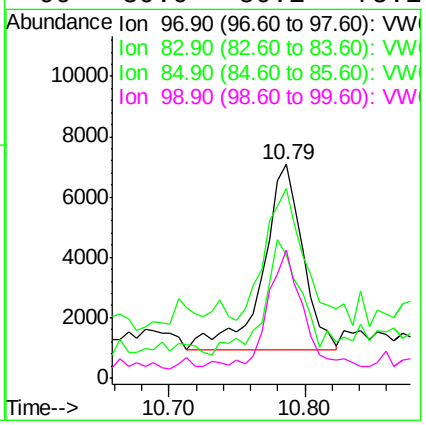


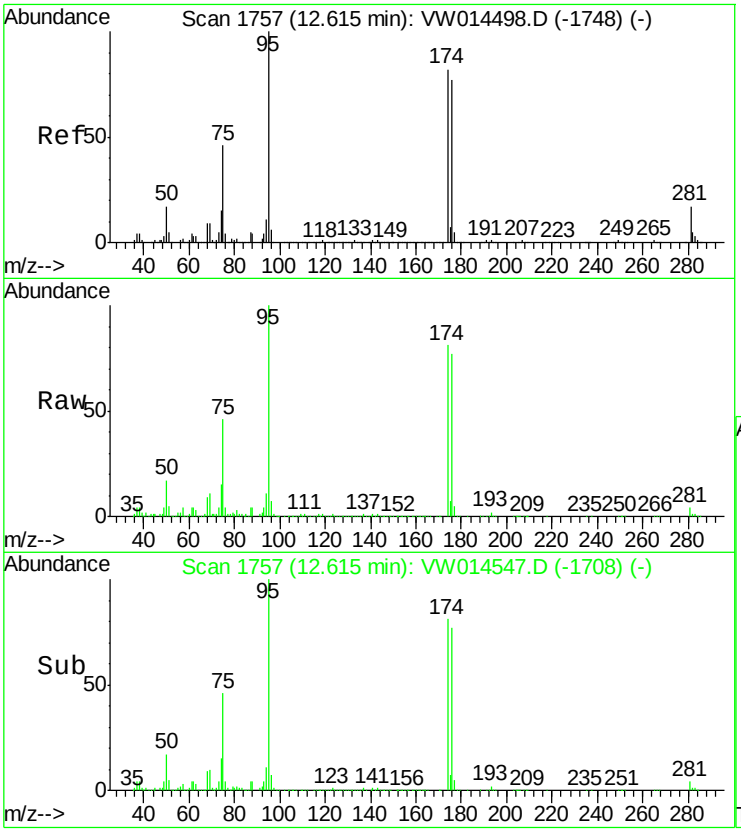


#55
1,1,2-Trichloroethane
Concen: 2.381 ug/l
RT: 10.79 min Scan# 1457
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion: 97 Resp: 12622

Ion	Ratio	Lower	Upper
97	100		
83	65.0	68.2	102.4#
85	48.4	43.0	64.4
99	59.0	50.1	75.1



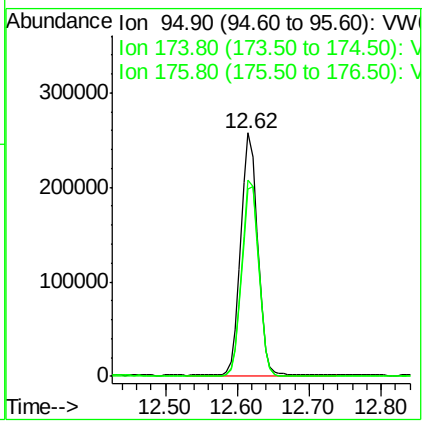


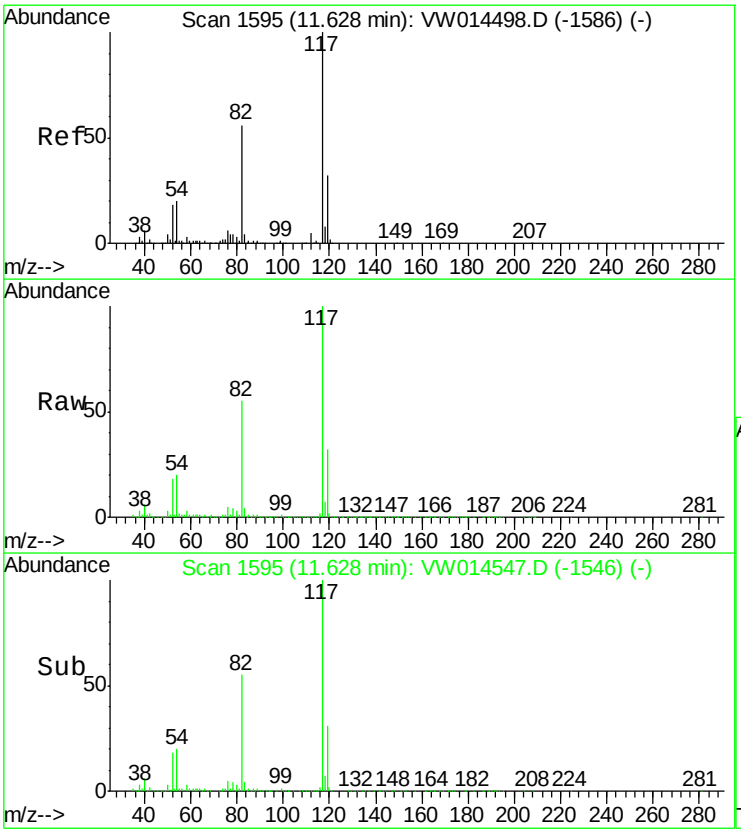
#62
4-Bromofluorobenzene
Concen: 48.043 ug/l
RT: 12.62 min Scan# 1757
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

Tgt Ion: 95 Resp: 426986

Ion	Ratio	Lower	Upper
95	100		
174	80.7	0.0	168.6
176	77.7	0.0	162.0

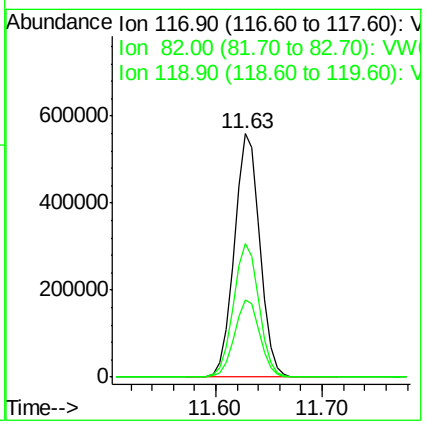


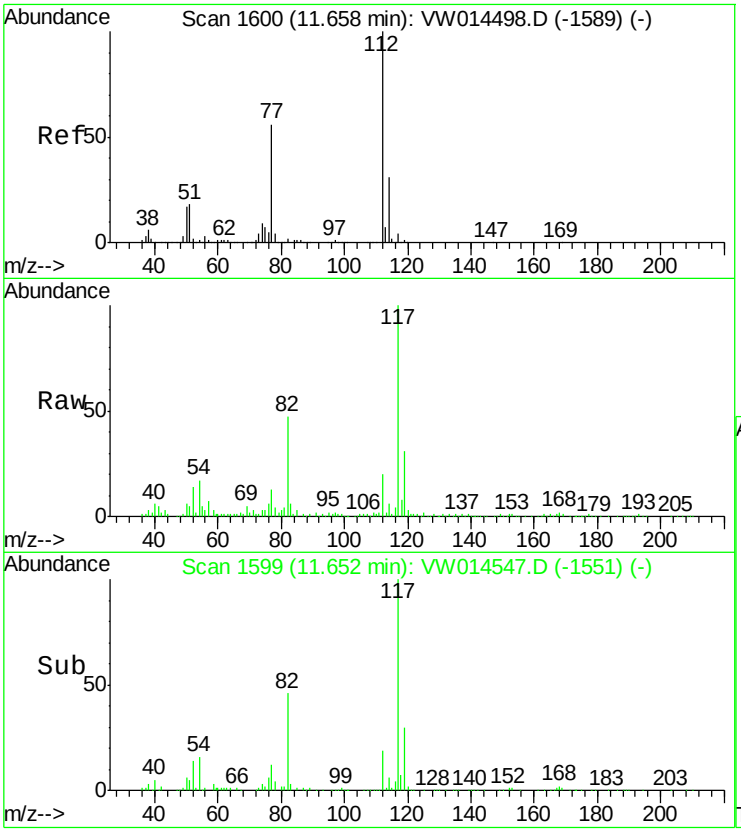


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1595
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion:117 Resp: 937777

Ion	Ratio	Lower	Upper
117	100		
82	54.9	44.6	67.0
119	31.5	25.7	38.5



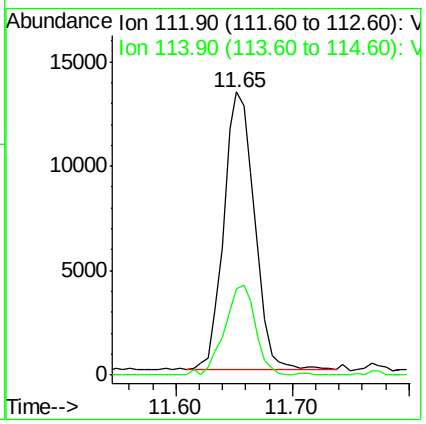


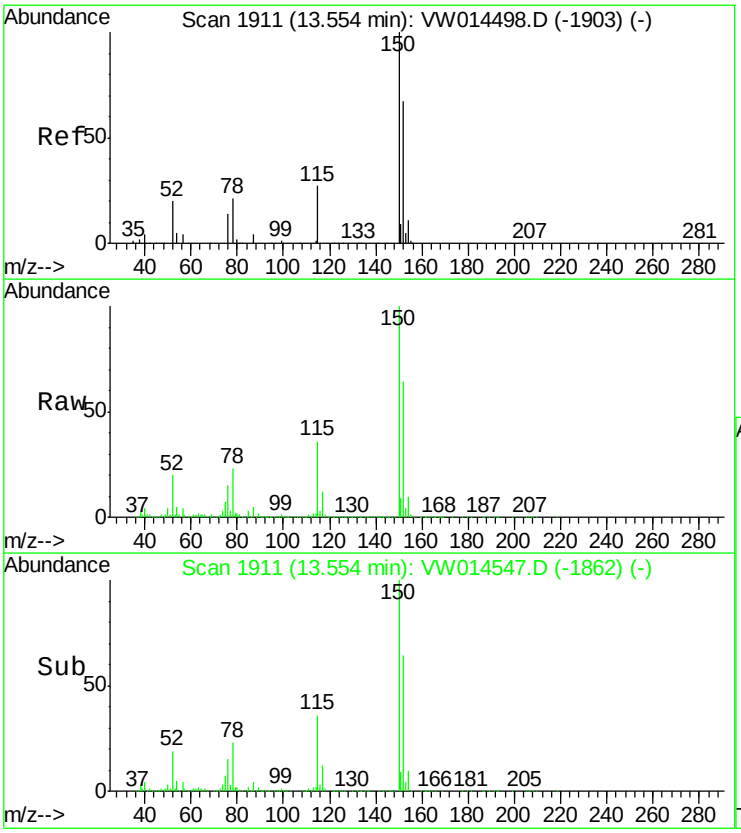
#65
Chlorobenzene
Concen: 1.266 ug/l
RT: 11.65 min Scan# 1599
Delta R.T. -0.01 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Instrument :
MSVOA_W
ClientSampleId :
WP022SB455_191227-21-23

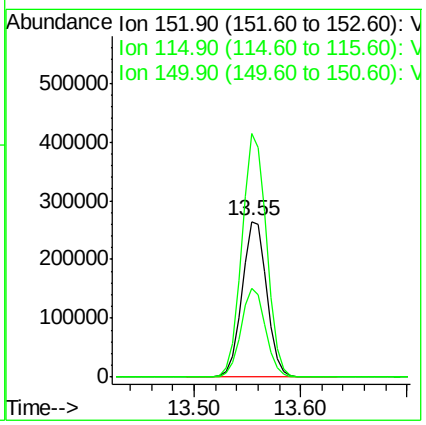
Tgt Ion:112 Resp: 24319

Ion	Ratio	Lower	Upper
112	100		
114	31.0	24.6	37.0





#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.55 min Scan# 1911
Delta R.T. -0.00 min
Lab File: VW014547.D
Acq: 07 Jan 2020 15:22

Tgt Ion:152 Resp: 429677

Ion	Ratio	Lower	Upper
152	100		
115	56.3	27.7	83.1
150	156.3	0.0	343.4