

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009594.D
 Acq On : 30 Mar 2019 17:00
 Operator : SY/VA
 Sample : K2167-09
 Misc : 5.65G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF110

Quant Time: Mar 30 21:20:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 30 21:16:55 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	366386	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	349314	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	157889	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	133023	30.38	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.52%
7) Chloroethane-d5	2.89	69	125581	24.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.04%
10) 1,1-Dichloroethene-d2	4.01	63	236236	24.96	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	99.84%
20) 2-Butanone-d5	7.07	46	104959	57.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	115.94%
24) Chloroform-d	7.64	84	263806	26.38	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	105.52%
26) 1,2-Dichloroethane-d4	8.30	65	169242	28.10	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	112.40%
29) Benzene-d6	8.27	84	507414	26.34	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	105.36%
33) 1,2-Dichloropropane-d6	9.27	67	152415	26.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.36%
37) Toluene-d8	10.32	98	451497	25.35	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	101.40%
38) trans-1,3-Dichloropropene-	10.58	79	66667	22.94	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	91.76%
39) 2-Hexanone-d5	10.93	63	80395	57.37	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	114.74%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	154659	27.14	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	108.56%
61) 1,2-Dichlorobenzene-d4	13.85	152	162684	26.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.48%

Target Compounds

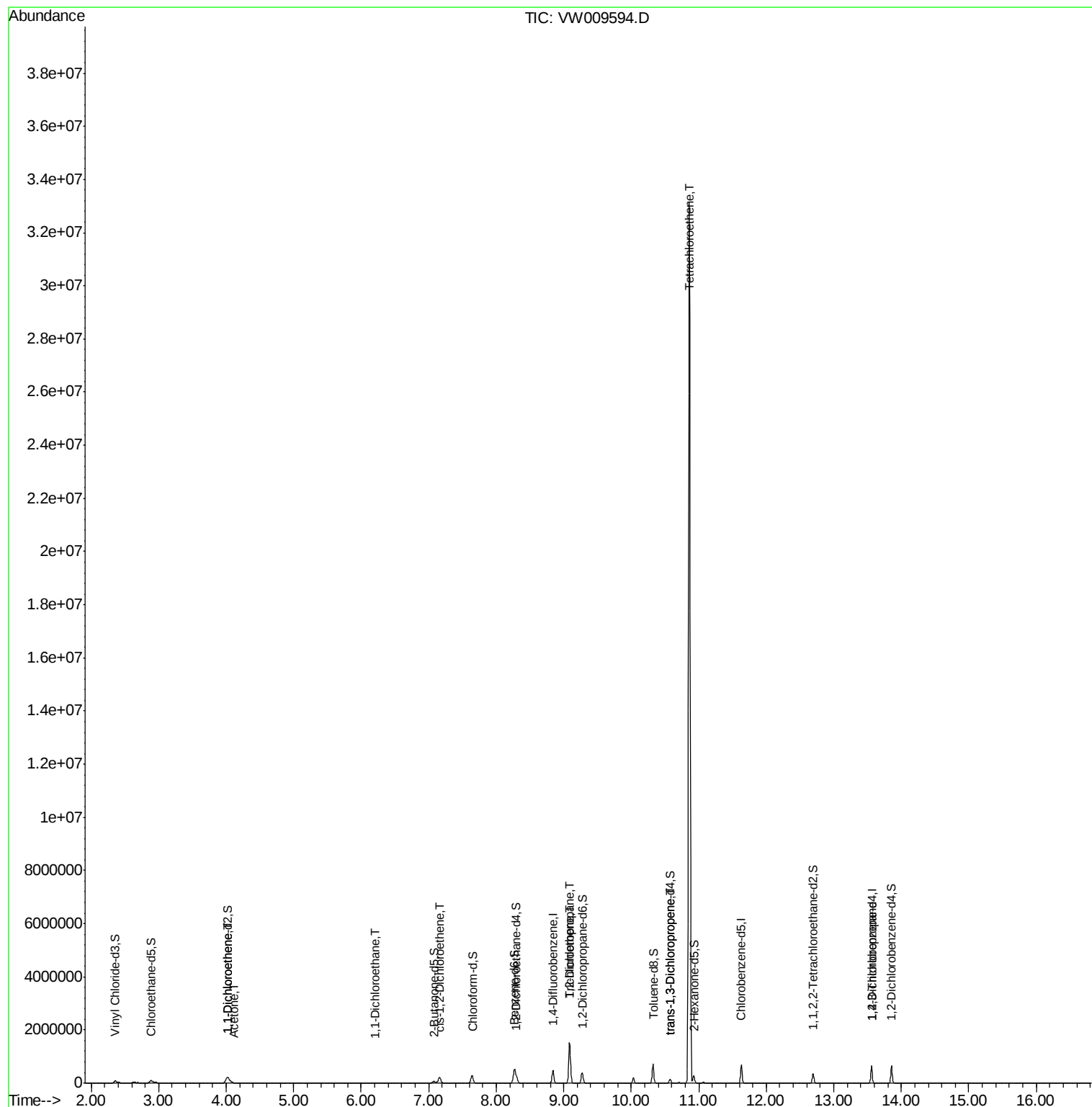
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
12) 1,1-Dichloroethene	4.03	96	60079	13.316	ug/L	# 55
13) Acetone	4.12	43	4975	3.350	ug/L	78
19) 1,1-Dichloroethane	6.20	63	6485	0.750	ug/L	89
22) cis-1,2-Dichloroethene	7.16	96	106710	20.766	ug/L	100
35) Trichloroethene	9.09	95	475720	93.377	ug/L	97
40) 1,2-Dichloropropane	9.08	63	2075	0.423	ug/L	99
45) trans-1,3-Dichloropropene	10.58	75	3872	0.557	ug/L	100
47) Tetrachloroethene	10.86	164	6022797	1399.126	ug/L	94
59) 1,2,3-Trichloropropane	13.56	75	22494	5.740	ug/L	90

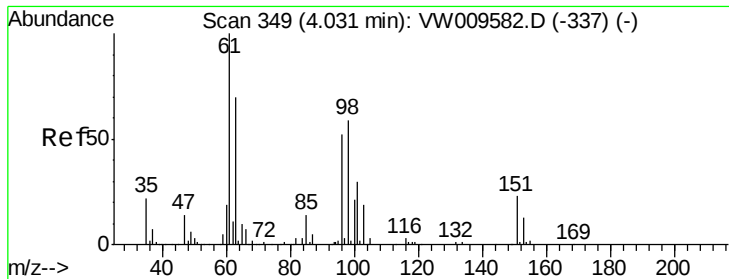
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Sat Mar 30 21:16:55 2019
Response via : Initial Calibration





#12

1,1-Dichloroethene

Concen: 13.316 ug/L

RT: 4.03 min Scan# 349

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampled :

BF110

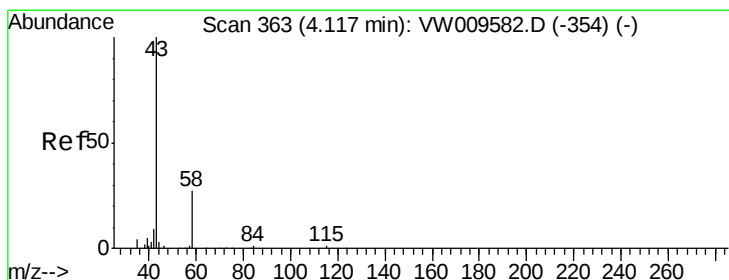
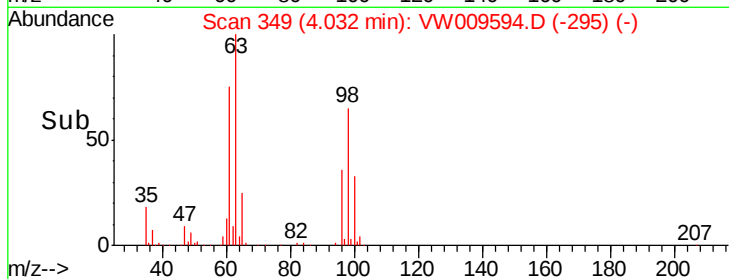
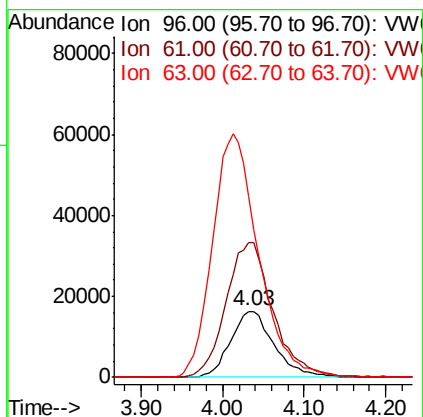
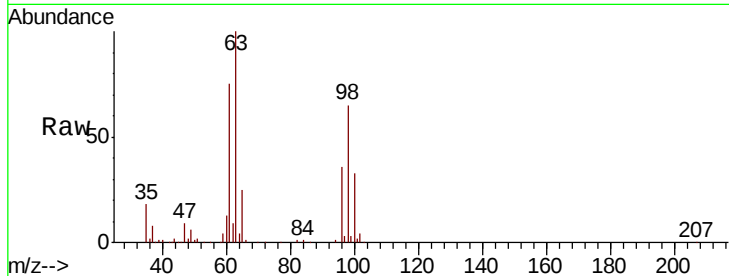
Tgt Ion: 96 Resp: 60079

Ion Ratio Lower Upper

96 100

61 204.4 129.4 240.2

63 274.2 116.8 217.0#



#13

Acetone

Concen: 3.350 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009594.D

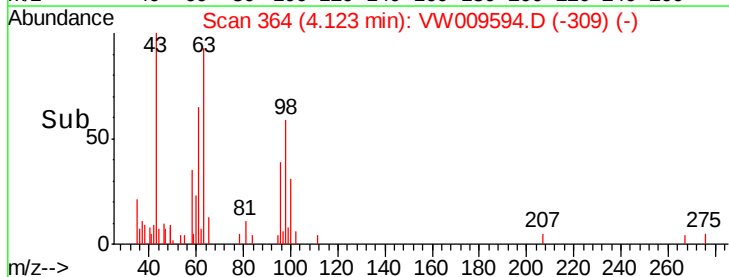
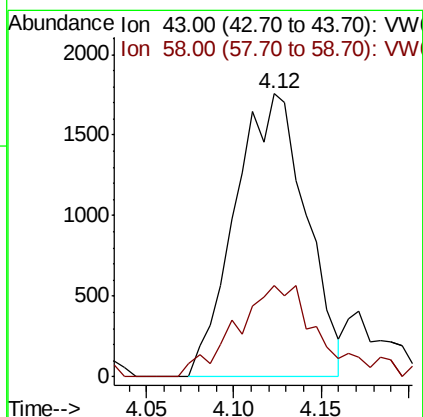
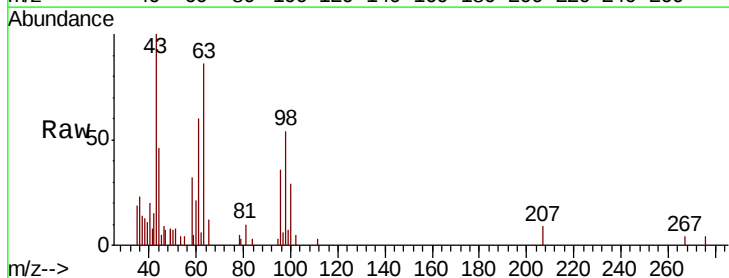
Acq: 30 Mar 2019 17:00

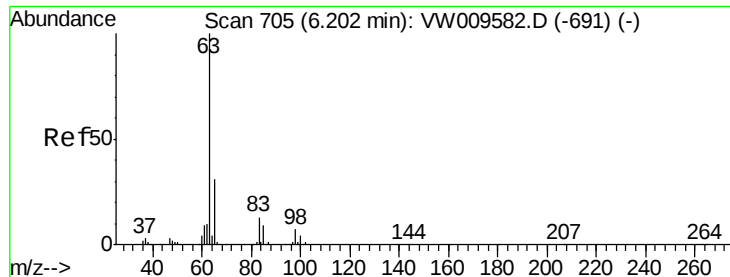
Tgt Ion: 43 Resp: 4975

Ion Ratio Lower Upper

43 100

58 16.5 0.0 56.2





#19

1,1-Dichloroethane

Concen: 0.750 ug/L

RT: 6.20 min Scan# 705

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

BF110

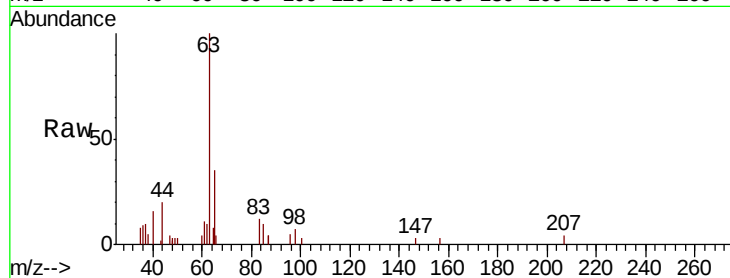
Tgt Ion: 63 Resp: 6485

Ion Ratio Lower Upper

63 100

65 38.5 21.6 40.0

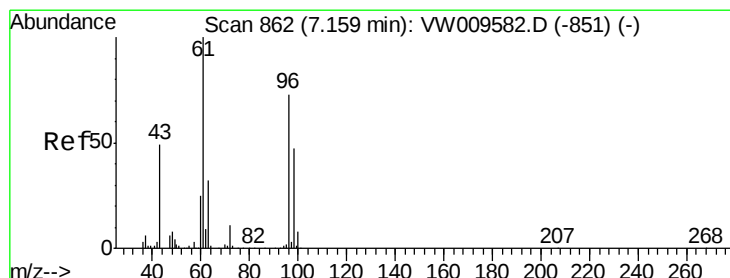
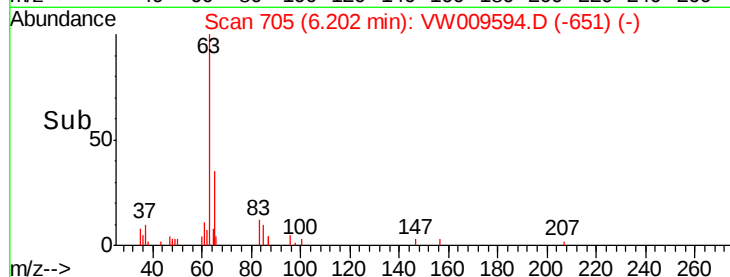
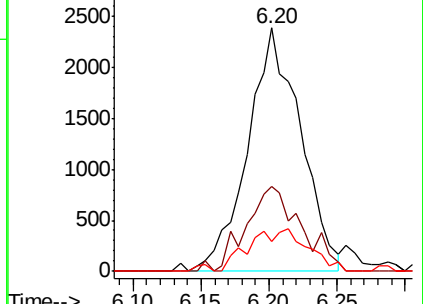
83 12.1 10.1 18.7



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 65.00 (64.70 to 65.70): VW

Ion 83.00 (82.70 to 83.70): VW



#22

cis-1,2-Dichloroethene

Concen: 20.766 ug/L

RT: 7.16 min Scan# 862

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

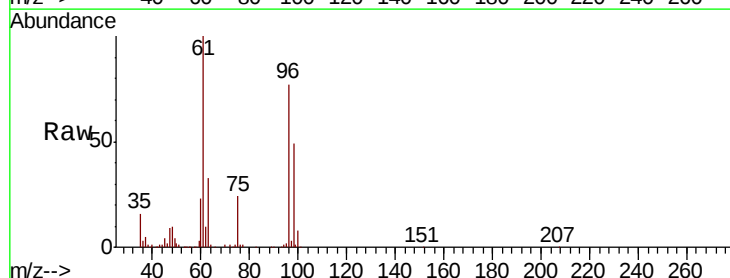
Tgt Ion: 96 Resp: 106710

Ion Ratio Lower Upper

96 100

61 129.2 90.6 168.3

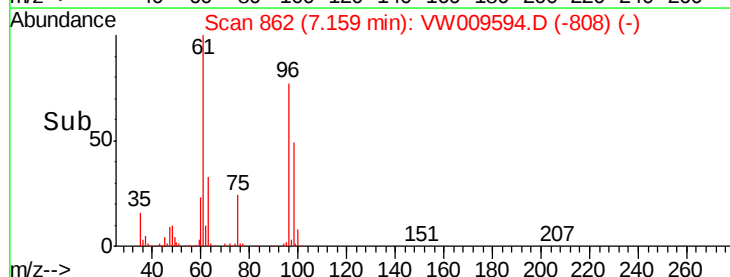
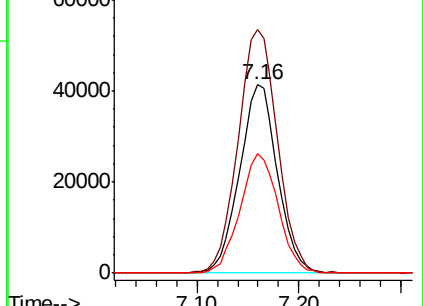
98 63.6 44.0 81.8

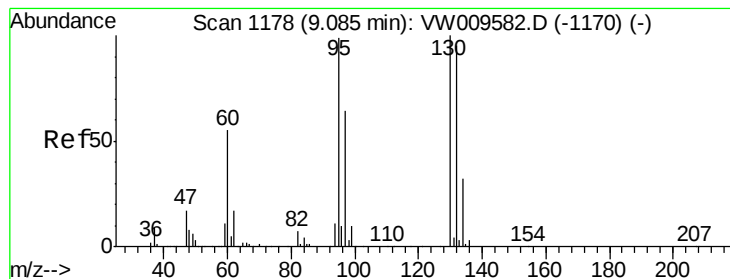


Abundance Ion 96.00 (95.70 to 96.70): VW

Ion 61.00 (60.70 to 61.70): VW

Ion 98.00 (97.70 to 98.70): VW





#35

Trichloroethene

Concen: 93.377 ug/L

RT: 9.09 min Scan# 1178

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

BF110

Tgt Ion: 95 Resp: 475720

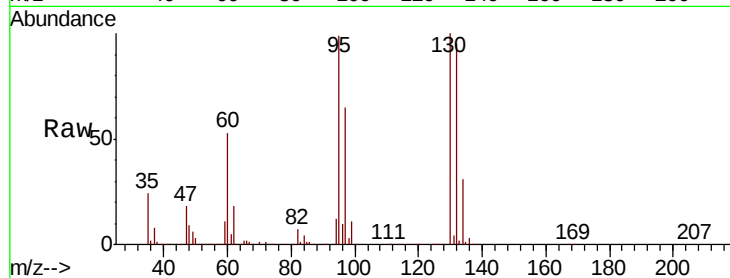
Ion Ratio Lower Upper

95 100

97 64.3 44.7 82.9

132 95.2 69.0 128.2

130 99.7 72.7 134.9

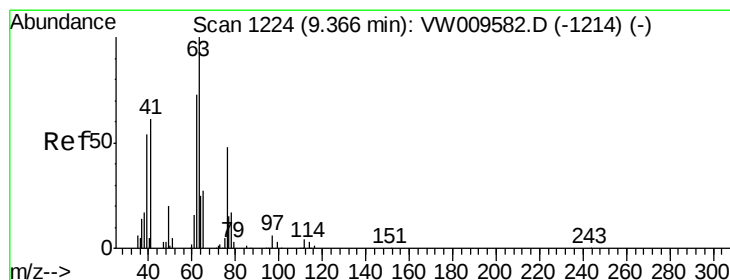
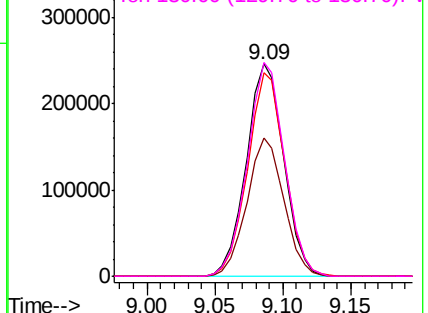
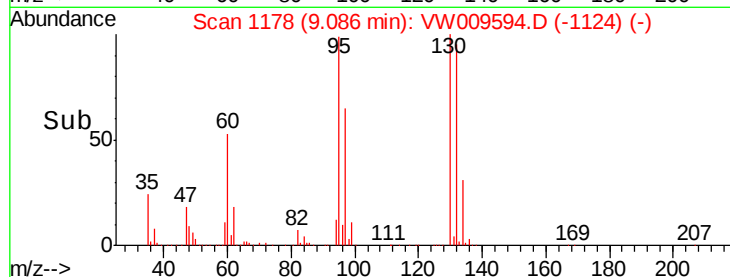


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V



#40

1,2-Dichloropropane

Concen: 0.423 ug/L

RT: 9.08 min Scan# 1177

Delta R.T. -0.29 min

Lab File: VW009594.D

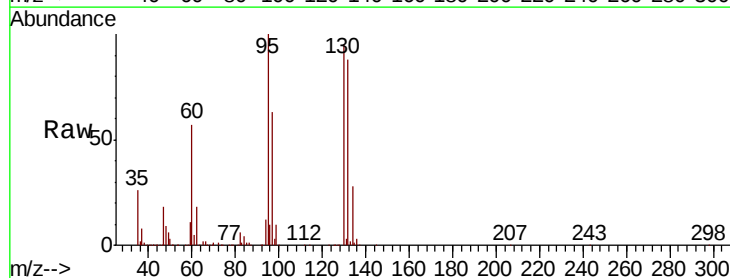
Acq: 30 Mar 2019 17:00

Tgt Ion: 63 Resp: 2075

Ion Ratio Lower Upper

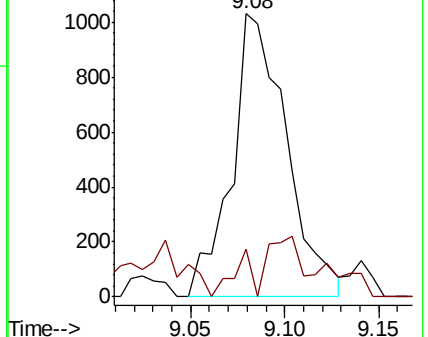
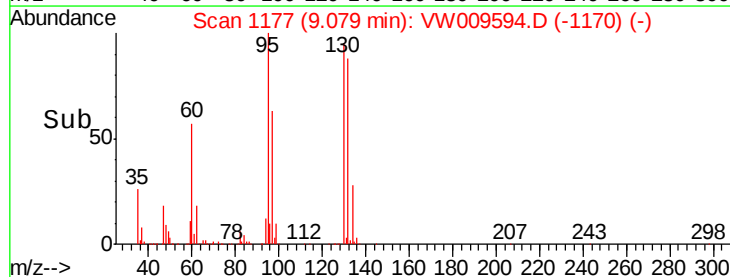
63 100

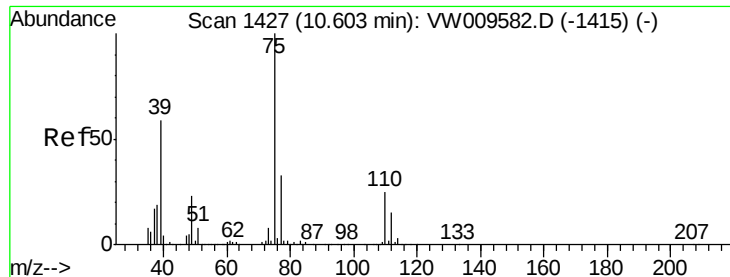
112 5.4 4.0 6.0



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V





#45

trans-1,3-Dichloropropene

Concen: 0.557 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

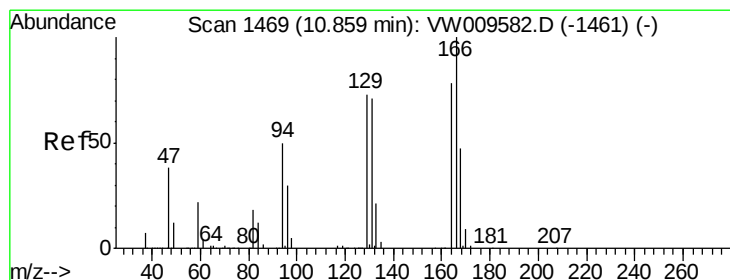
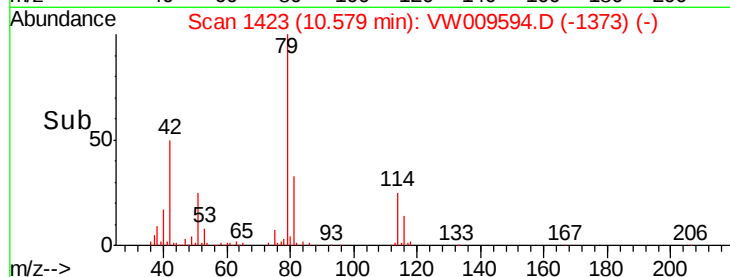
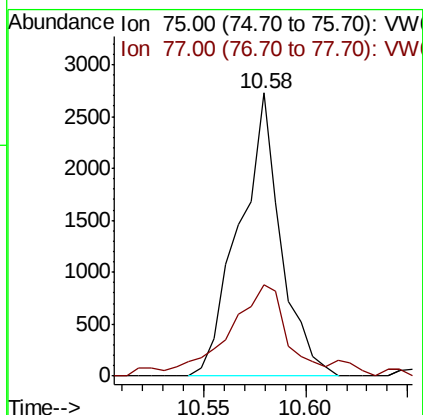
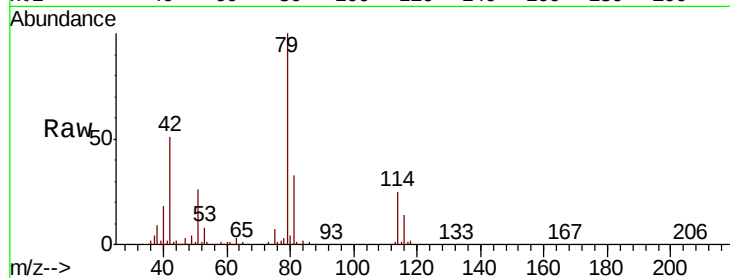
BF110

Tgt Ion: 75 Resp: 3872

Ion Ratio Lower Upper

75 100

77 32.2 22.5 41.7



#47

Tetrachloroethene

Concen: 1399.126 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Tgt Ion:164 Resp: 6022797

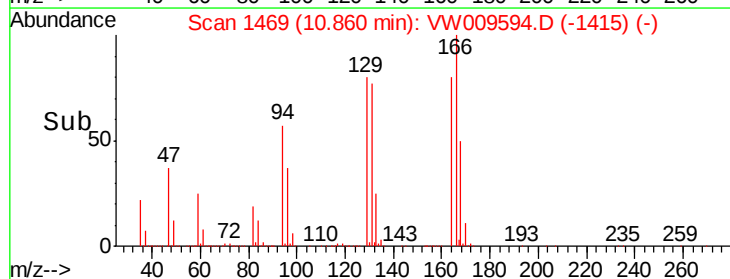
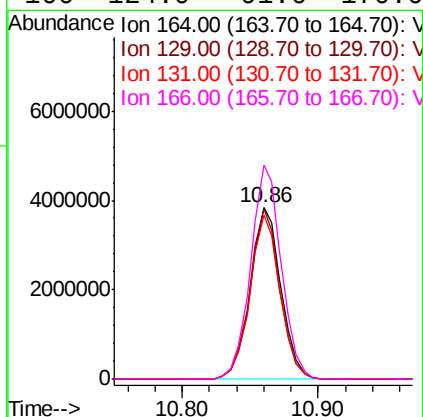
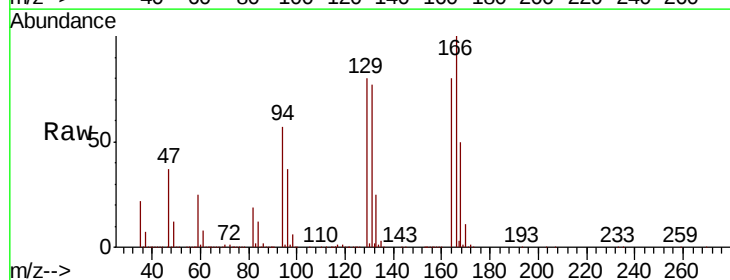
Ion Ratio Lower Upper

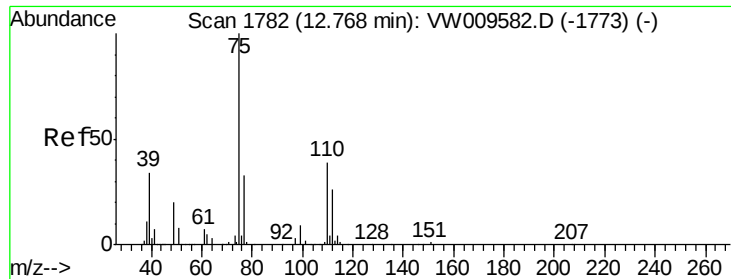
164 100

129 99.9 66.5 123.5

131 95.9 62.6 116.3

166 124.9 91.6 170.0





#59

1,2,3-Trichloropropane

Concen: 5.740 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009594.D

Acq: 30 Mar 2019 17:00

Instrument :

MSVOA_W

ClientSampleId :

BF110

Tgt Ion: 75 Resp: 22494

Ion Ratio Lower Upper

75 100

77 38.5 26.2 39.2

