

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009709.D
 Acq On : 05 Apr 2019 03:53
 Operator : SY/VA
 Sample : K2276-07
 Misc : 5.13G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF134

Quant Time: Apr 05 05:43:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Fri Apr 05 05:32:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	393772	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	379956	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	162945	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	145751	28.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.16%
7) Chloroethane-d5	2.89	69	134835	28.56	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.24%
10) 1,1-Dichloroethene-d2	4.13	63	839	0.08	ug/L	0.11
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.32%#
20) 2-Butanone-d5	7.07	46	103510	61.87	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	123.74%
24) Chloroform-d	7.64	84	307067	28.58	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	114.32%
26) 1,2-Dichloroethane-d4	8.30	65	192770	29.22	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	116.88%
29) Benzene-d6	8.27	84	587223	29.44	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	117.76%
33) 1,2-Dichloropropane-d6	9.27	67	180107	29.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	116.96%
37) Toluene-d8	10.32	98	525026	28.47	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	113.88%
38) trans-1,3-Dichloropropene-	10.58	79	79279	26.98	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	107.92%
39) 2-Hexanone-d5	10.93	63	70566	60.77	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	121.54%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	159622	27.87	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	111.48%
61) 1,2-Dichlorobenzene-d4	13.86	152	183856	32.16	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	128.64%#

Target Compounds

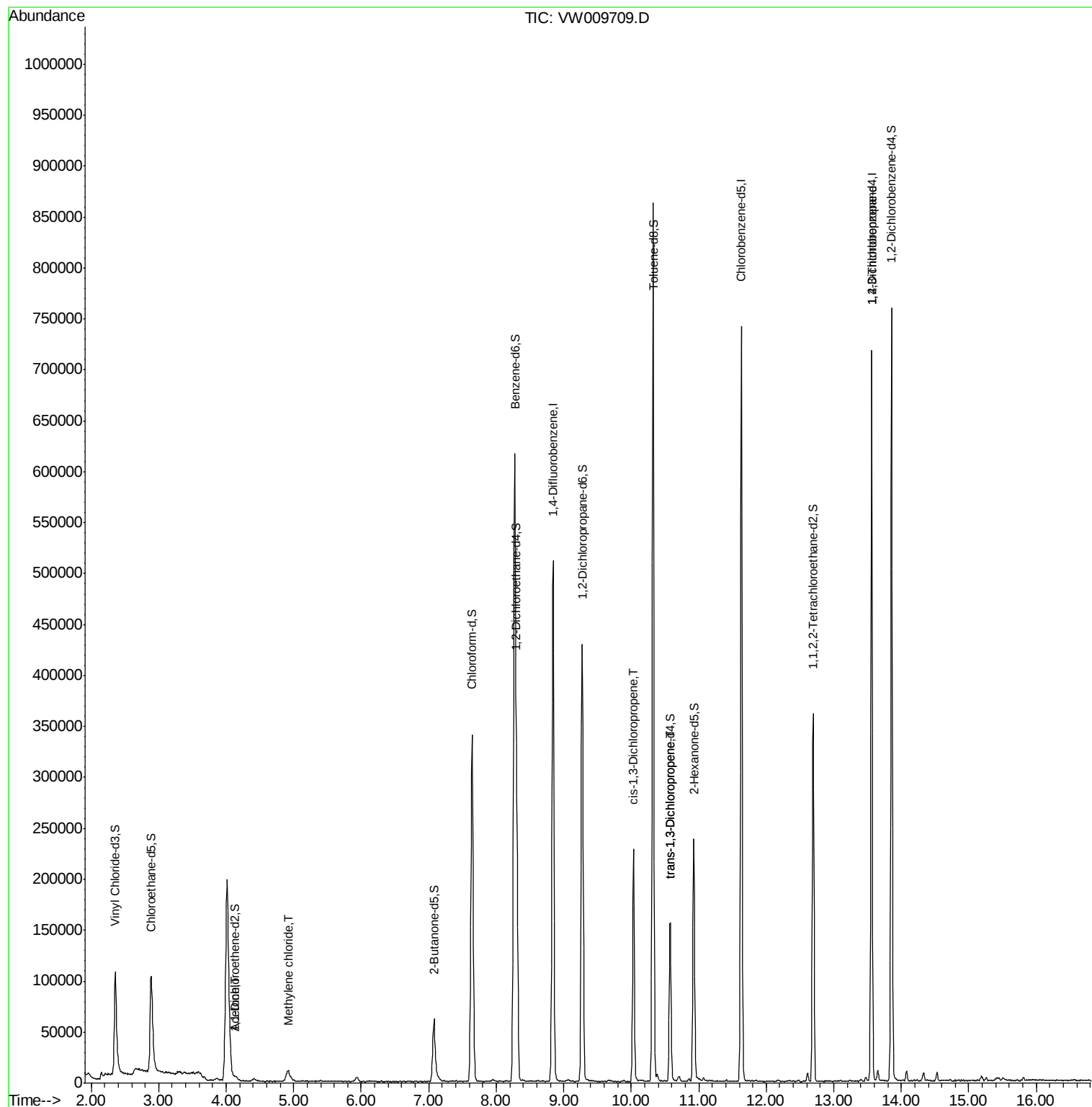
					Qvalue
13) Acetone	4.12	43	1768	0.986 ug/L	91
16) Methylene chloride	4.91	84	9006	1.297 ug/L	80
42) cis-1,3-Dichloropropene	10.03	75	6410	0.707 ug/L	86
45) trans-1,3-Dichloropropene	10.58	75	4413	0.565 ug/L	90
59) 1,2,3-Trichloropropane	13.56	75	23351	5.311 ug/L	91

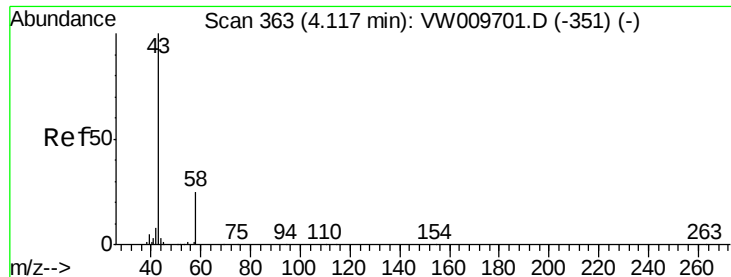
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 0.986 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009709.D

Acq: 05 Apr 2019 03:53

Instrument :

MSVOA_W

ClientSampled :

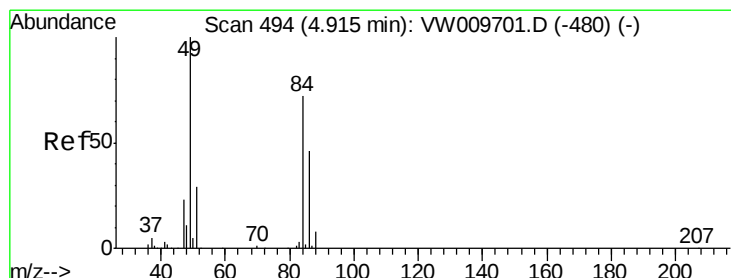
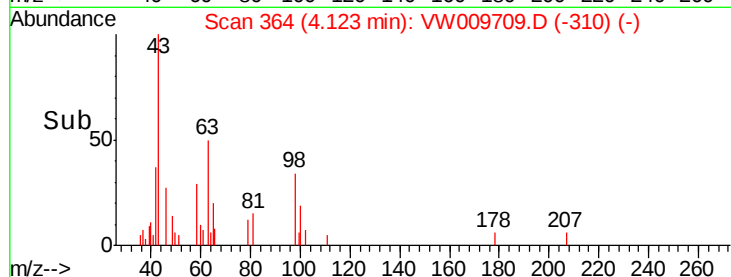
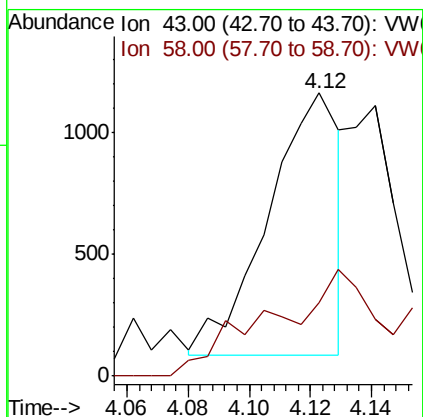
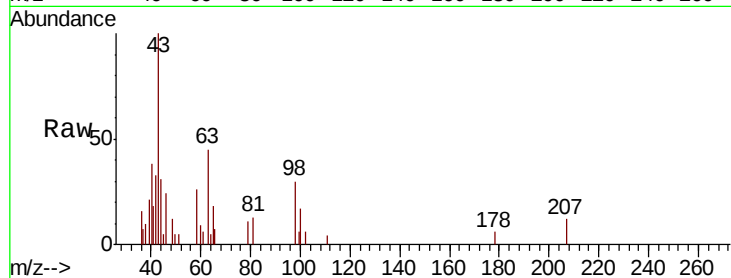
BF134

Tgt Ion: 43 Resp: 1768

Ion Ratio Lower Upper

43 100

58 31.1 0.0 53.0



#16

Methylene chloride

Concen: 1.297 ug/L

RT: 4.91 min Scan# 493

Delta R.T. -0.01 min

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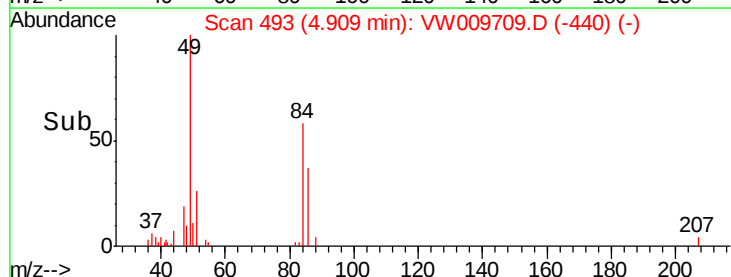
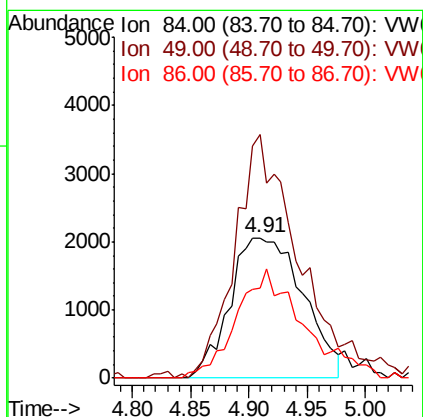
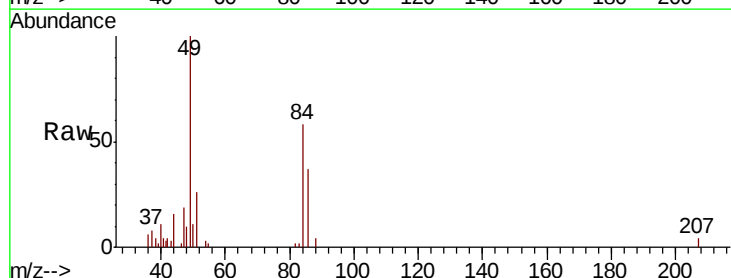
Tgt Ion: 84 Resp: 9006

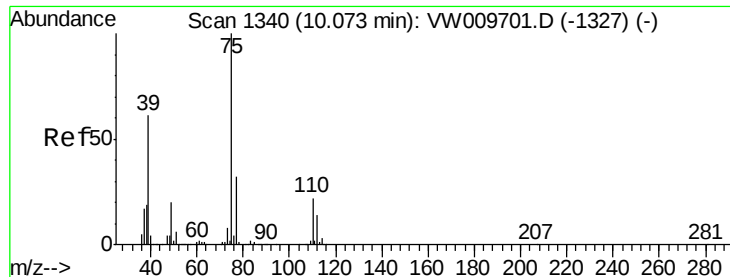
Ion Ratio Lower Upper

84 100

49 173.9 98.3 182.5

86 64.0 46.4 86.2





#42

cis-1,3-Dichloropropene

Concen: 0.707 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009709.D

Acq: 05 Apr 2019 03:53

Instrument :

MSVOA_W

ClientSampleId :

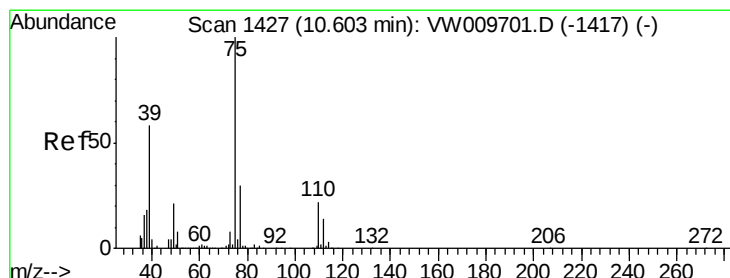
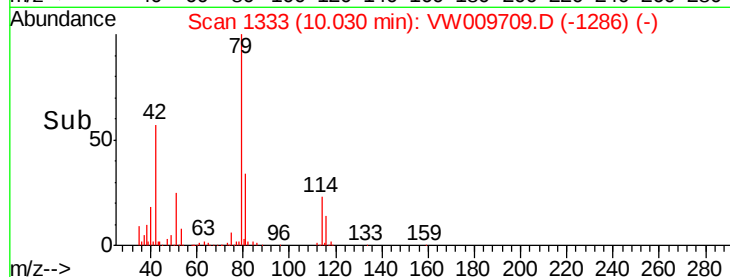
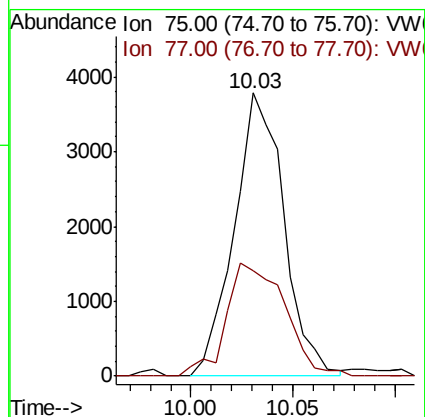
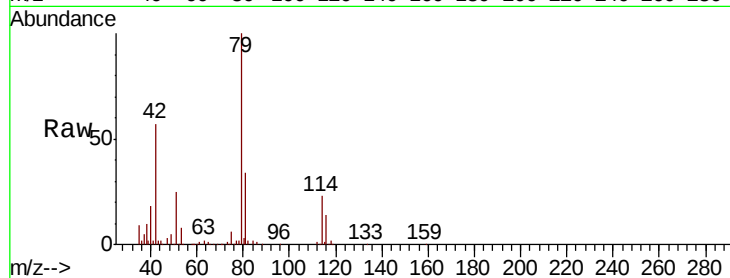
BF134

Tgt Ion: 75 Resp: 6410

Ion Ratio Lower Upper

75 100

77 37.3 21.0 39.0



#45

trans-1,3-Dichloropropene

Concen: 0.565 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009709.D

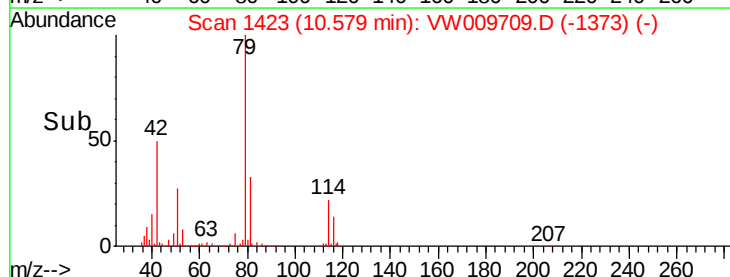
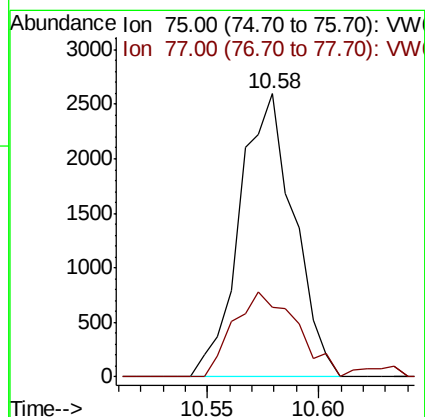
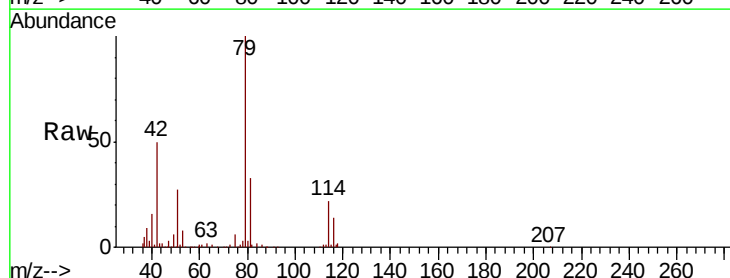
Acq: 05 Apr 2019 03:53

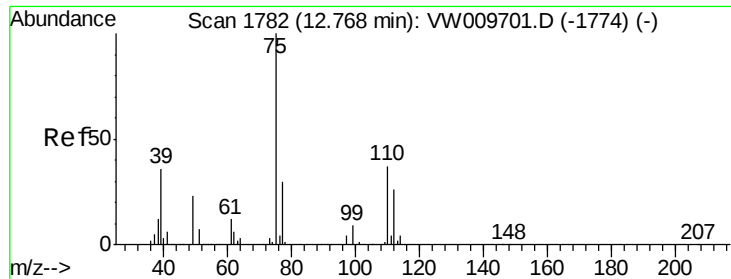
Tgt Ion: 75 Resp: 4413

Ion Ratio Lower Upper

75 100

77 24.7 21.1 39.3





#59

1,2,3-Trichloropropane

Concen: 5.311 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009709.D

Acq: 05 Apr 2019 03:53

Instrument :

MSVOA_W

ClientSampleId :

BF134

Tgt Ion: 75 Resp: 23351

Ion Ratio Lower Upper

75 100

77 37.6 26.2 39.2

