

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009706.D
 Acq On : 05 Apr 2019 02:31
 Operator : SY/VA
 Sample : K2276-04
 Misc : 6.02G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF131

Quant Time: Apr 05 05:35:43 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	354950	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	330470	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	134169	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	136940	29.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	117.92%
7) Chloroethane-d5	2.89	69	121072	28.45	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	113.80%
10) 1,1-Dichloroethene-d2	4.01	63	224570	22.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.92%
20) 2-Butanone-d5	7.07	46	89027	59.03	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.06%
24) Chloroform-d	7.64	84	271990	28.08	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	112.32%
26) 1,2-Dichloroethane-d4	8.30	65	168565	28.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.40%
29) Benzene-d6	8.27	84	512048	29.52	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.08%
33) 1,2-Dichloropropane-d6	9.27	67	154596	28.85	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.40%
37) Toluene-d8	10.32	98	451113	28.12	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	112.48%
38) trans-1,3-Dichloropropene-	10.58	79	65560	25.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	102.60%
39) 2-Hexanone-d5	10.93	63	63098	62.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	124.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	141731	28.45	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	113.80%
61) 1,2-Dichlorobenzene-d4	13.85	152	152782	32.45	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	129.80%#

Target Compounds

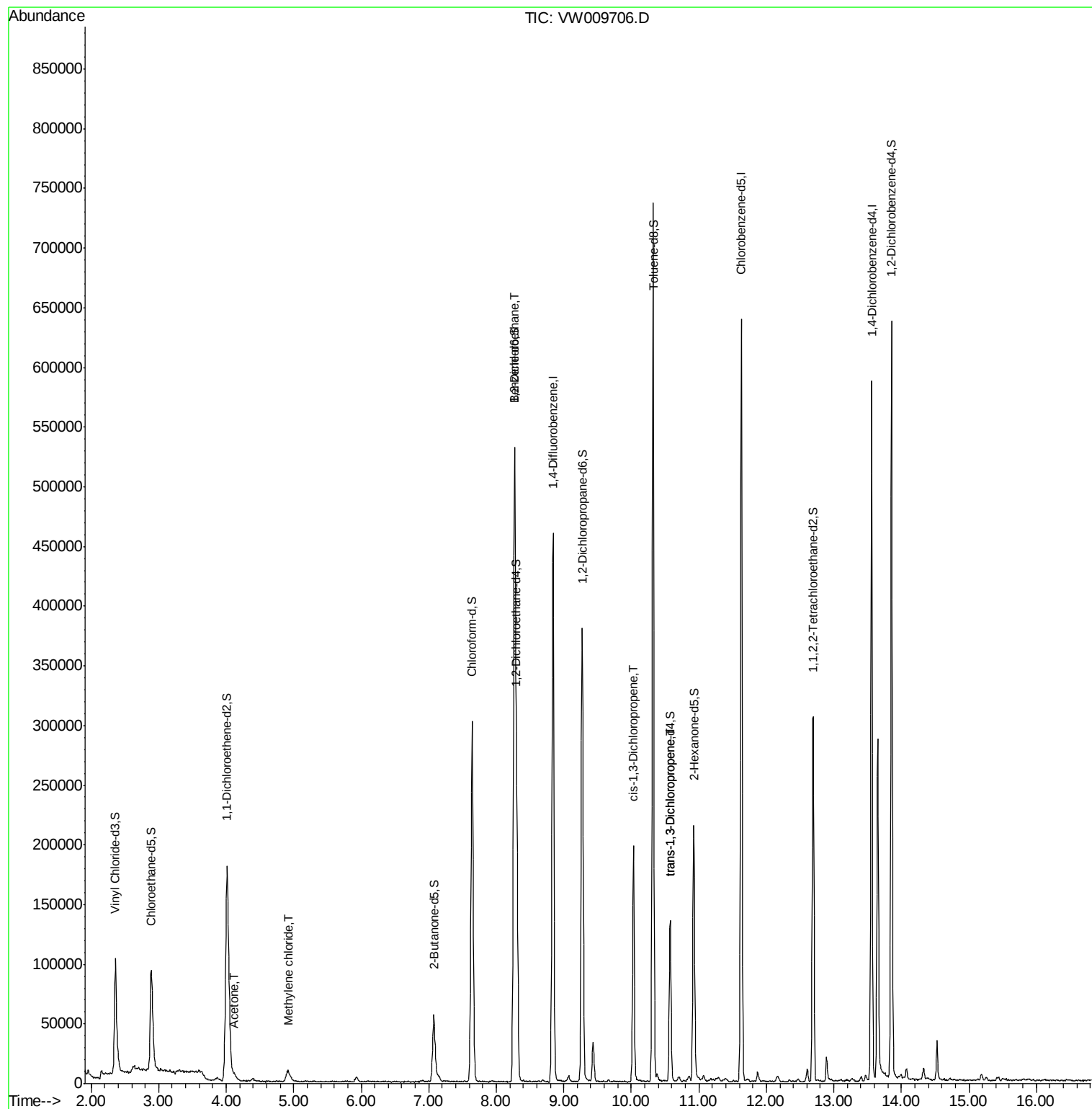
					Qvalue
13) Acetone	4.12	43	4727	2.925 ug/L	88
16) Methylene chloride	4.92	84	8010	1.280 ug/L	84
27) 1,2-Dichloroethane	8.27	62	3646	0.489 ug/L	99
42) cis-1,3-Dichloropropene	10.04	75	5640	0.715 ug/L	98
45) trans-1,3-Dichloropropene	10.57	75	3574	0.526 ug/L #	72

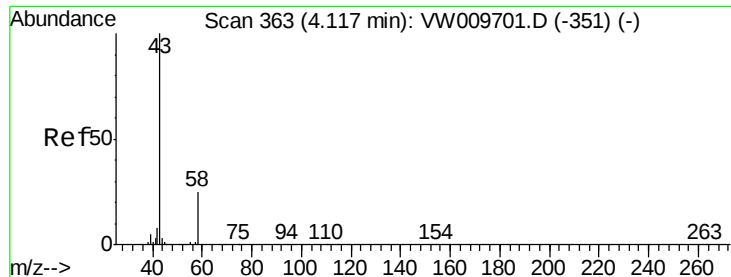
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.925 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW009706.D

Acq: 05 Apr 2019 02:31

Instrument :

MSVOA_W

ClientSampled :

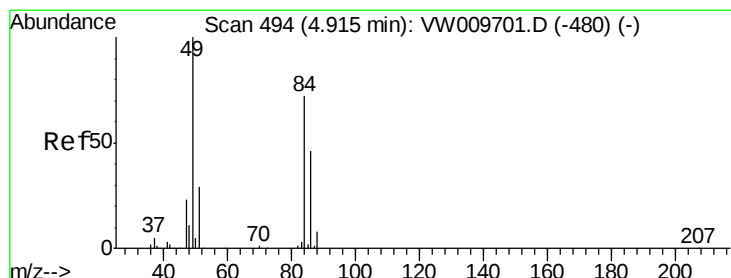
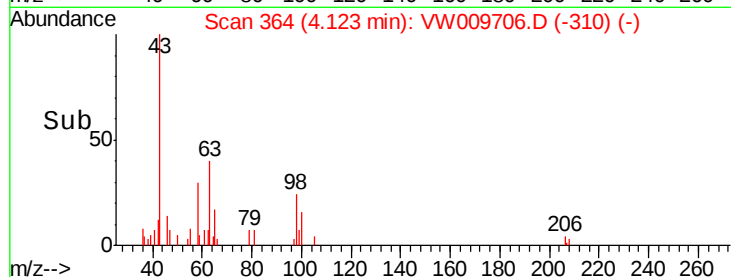
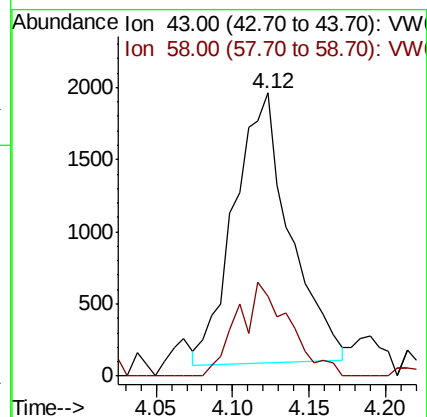
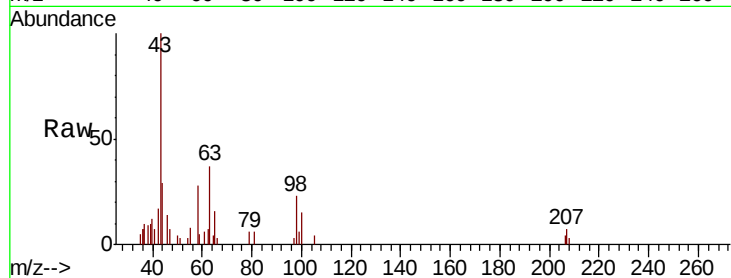
BF131

Tgt Ion: 43 Resp: 4727

Ion Ratio Lower Upper

43 100

58 20.5 0.0 53.0



#16

Methylene chloride

Concen: 1.280 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009706.D

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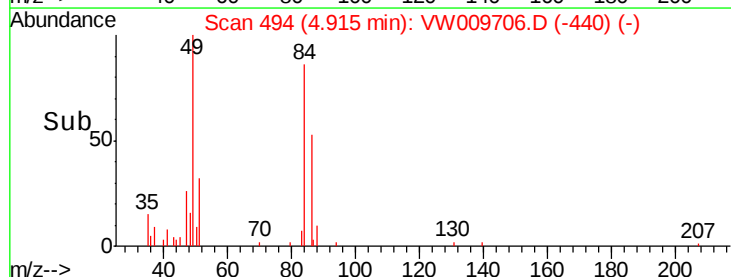
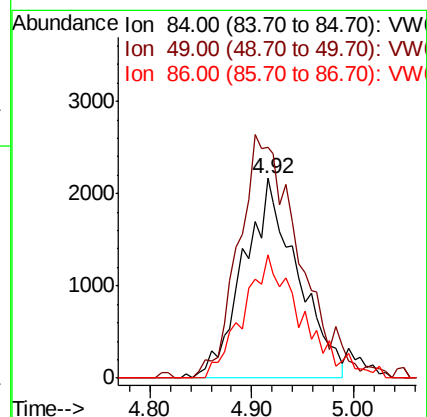
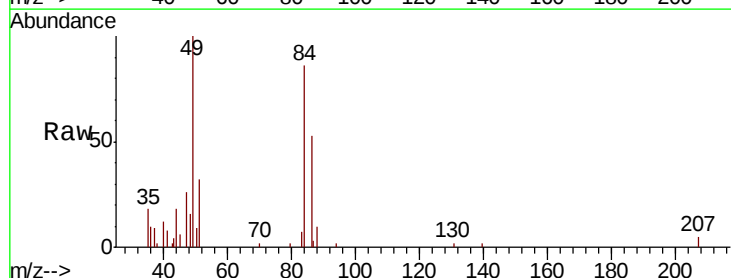
Tgt Ion: 84 Resp: 8010

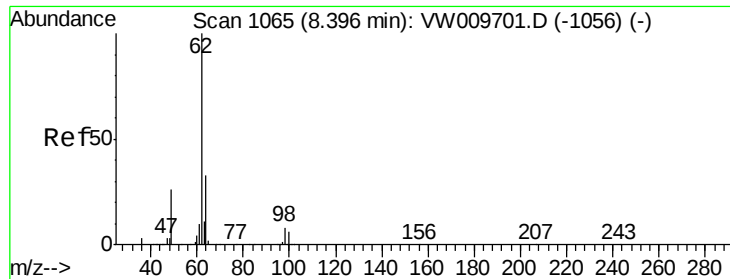
Ion Ratio Lower Upper

84 100

49 115.8 98.3 182.5

86 61.8 46.4 86.2





#27

1,2-Dichloroethane

Concen: 0.489 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.12 min

Lab File: VW009706.D

Acq: 05 Apr 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

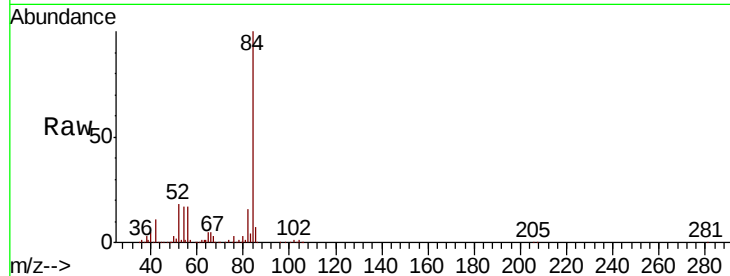
BF131

Tgt Ion: 62 Resp: 3646

Ion Ratio Lower Upper

62 100

98 8.4 7.0 10.4



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

2000

1500

1000

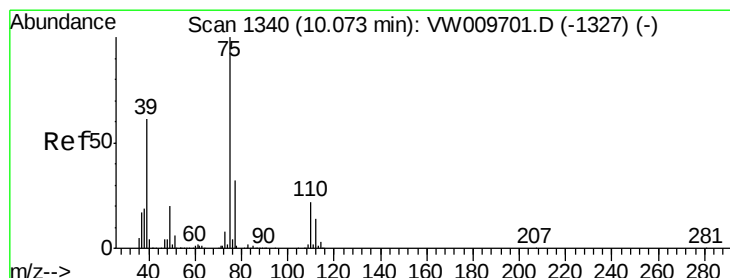
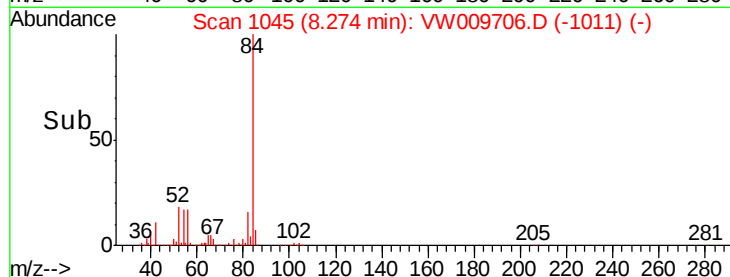
500

0

8.20 8.25 8.30

8.27

Time-->



#42

cis-1,3-Dichloropropene

Concen: 0.715 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009706.D

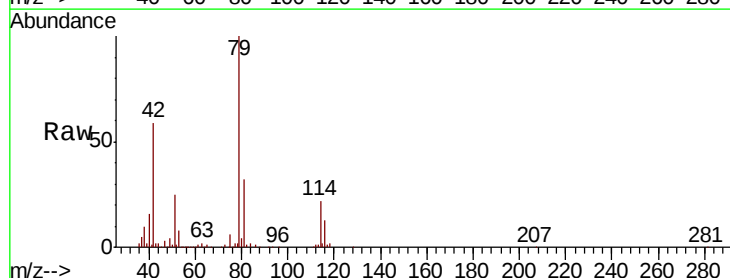
Acq: 05 Apr 2019 02:31

Tgt Ion: 75 Resp: 5640

Ion Ratio Lower Upper

75 100

77 31.3 21.0 39.0



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

3000

2000

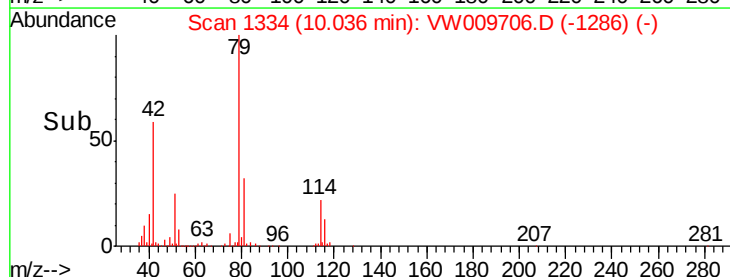
1000

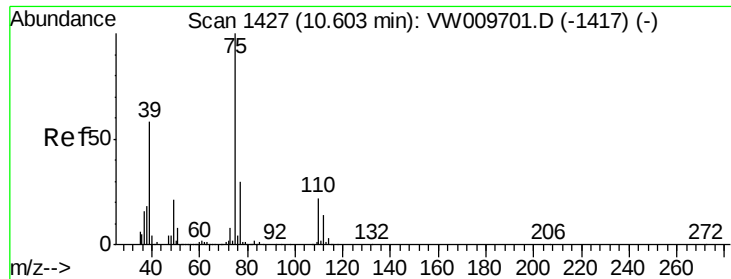
0

9.95 10.00 10.05

10.04

Time-->





#45

trans-1,3-Dichloropropene

Concen: 0.526 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009706.D

Acq: 05 Apr 2019 02:31

Instrument :

MSVOA_W

ClientSampleId :

BF131

Tgt Ion: 75 Resp: 3574

Ion Ratio Lower Upper

75 100

77 45.3 21.1 39.3#

