

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040519\
 Data File : VW009714.D
 Acq On : 05 Apr 2019 06:09
 Operator : SY/VA
 Sample : K2276-12
 Misc : 5.62G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF139

Quant Time: Apr 05 07:43:58 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	358158	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	352163	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	145590	25.00	ug/L	0.00

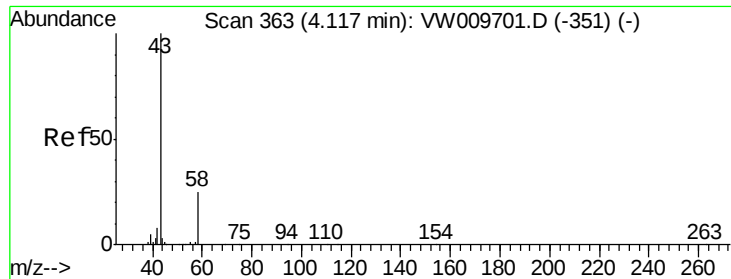
System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	134645	28.73	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.92%
7) Chloroethane-d5	2.89	69	123158	28.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.72%
10) 1,1-Dichloroethene-d2	4.02	63	225474	22.37	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	89.48%
20) 2-Butanone-d5	7.08	46	85051	55.89	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.78%
24) Chloroform-d	7.65	84	291032	29.78	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	119.12%
26) 1,2-Dichloroethane-d4	8.18	65	61	0.01	ug/L	-0.13
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.04%#
29) Benzene-d6	8.27	84	548073	29.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	118.60%
33) 1,2-Dichloropropane-d6	9.27	67	168464	29.50	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	118.00%
37) Toluene-d8	10.32	98	491586	28.76	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	115.04%
38) trans-1,3-Dichloropropene-	10.57	79	71246	26.16	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	104.64%
39) 2-Hexanone-d5	10.93	63	59817	55.58	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	111.16%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	142699	26.88	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.52%
61) 1,2-Dichlorobenzene-d4	13.85	152	168505	32.98	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	131.92%#

Target Compounds

					Qvalue
13) Acetone	4.12	43	3265	2.003 ug/L	56
36) Methylcyclohexane	9.27	83	42038	4.611 ug/L #	17
42) cis-1,3-Dichloropropene	10.04	75	5653	0.673 ug/L #	53
45) trans-1,3-Dichloropropene	10.57	75	3750	0.518 ug/L #	67
47) Tetrachloroethene	10.86	164	18337	4.199 ug/L	95
50) Dibromochloromethane	10.86	129	17238	3.446 ug/L #	12

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



#13

Acetone

Concen: 2.003 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

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ClientSampled :

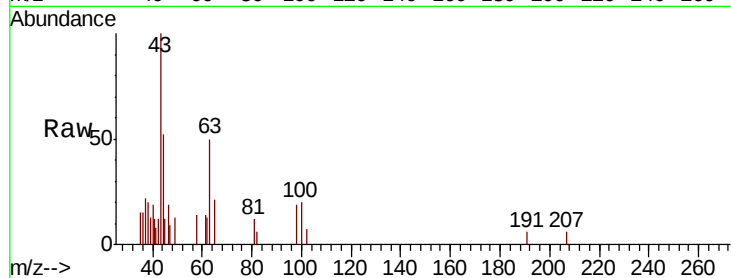
BF139

Tgt Ion: 43 Resp: 3265

Ion Ratio Lower Upper

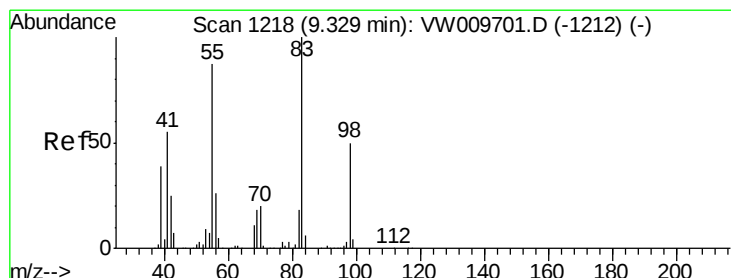
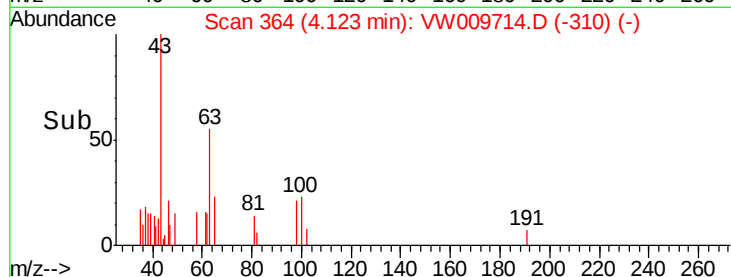
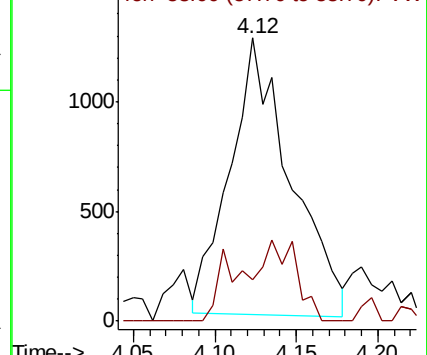
43 100

58 4.0 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#36

Methylcyclohexane

Concen: 4.611 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.05 min

Lab File: VW009714.D

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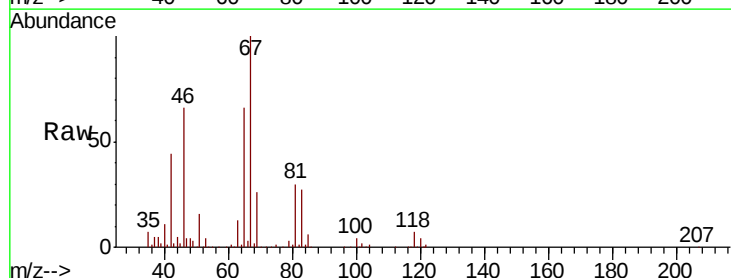
Tgt Ion: 83 Resp: 42038

Ion Ratio Lower Upper

83 100

55 0.5 66.3 99.5#

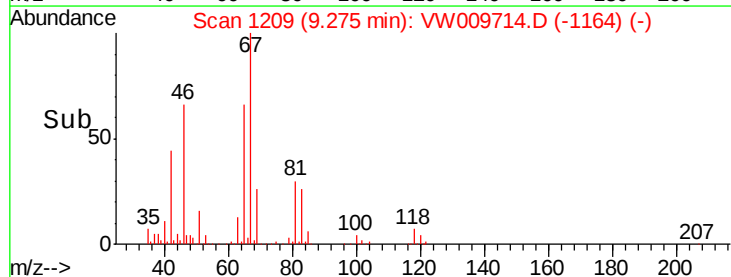
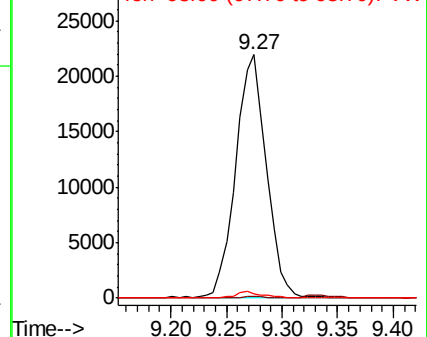
98 2.2 39.4 59.0#

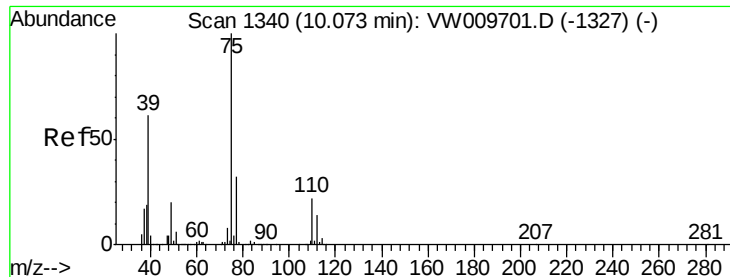


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.673 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW009714.D

Acq: 05 Apr 2019 06:09

Instrument :

MSVOA_W

ClientSampleId :

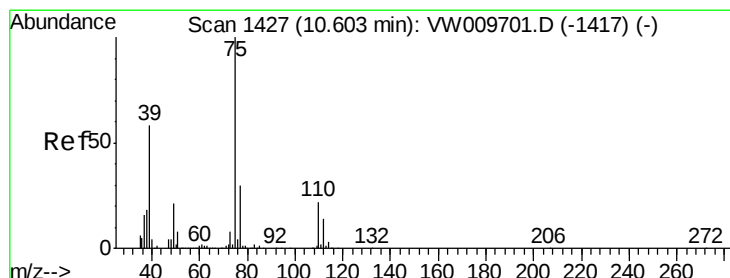
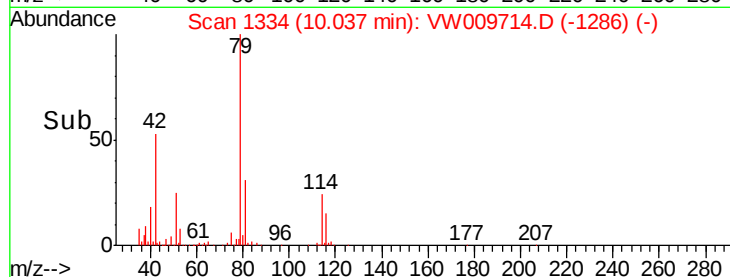
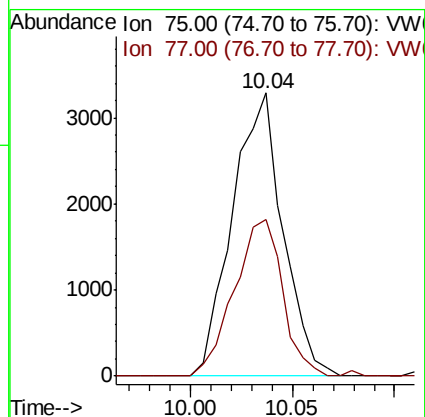
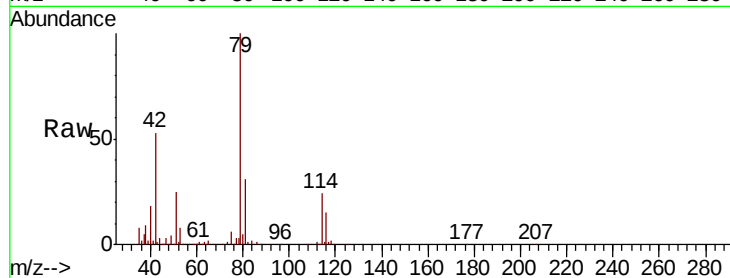
BF139

Tgt Ion: 75 Resp: 5653

Ion Ratio Lower Upper

75 100

77 55.5 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.518 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009714.D

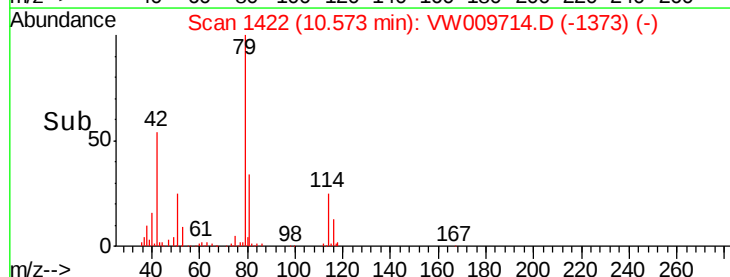
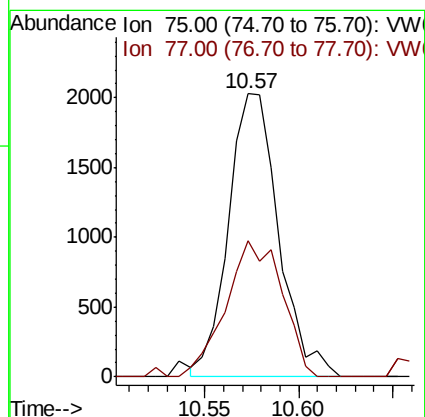
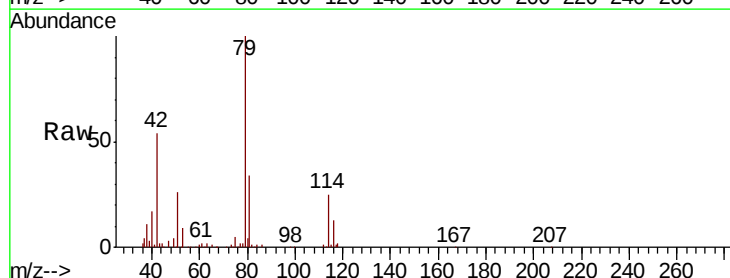
Acq: 05 Apr 2019 06:09

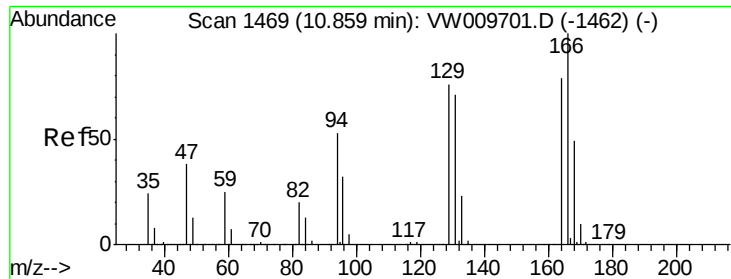
Tgt Ion: 75 Resp: 3750

Ion Ratio Lower Upper

75 100

77 48.2 21.1 39.3#





#47

Tetrachloroethene

Concen: 4.199 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009714.D

Acq: 05 Apr 2019 06:09

Instrument :

MSVOA_W

ClientSampled :

BF139

Tgt Ion:164 Resp: 18337

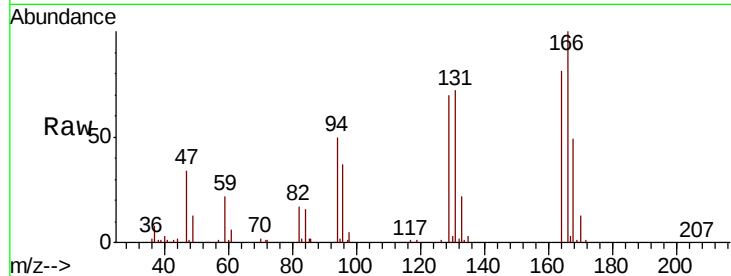
Ion Ratio Lower Upper

164 100

129 86.4 68.9 127.9

131 88.3 63.1 117.1

166 123.2 88.5 164.4

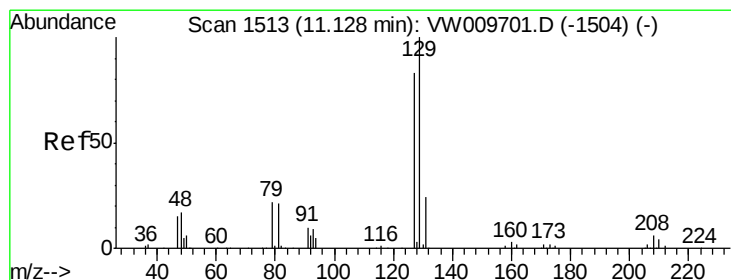
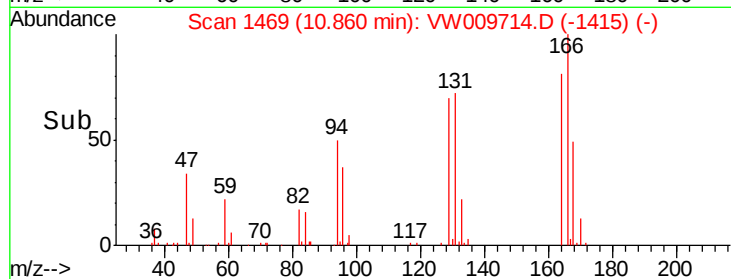
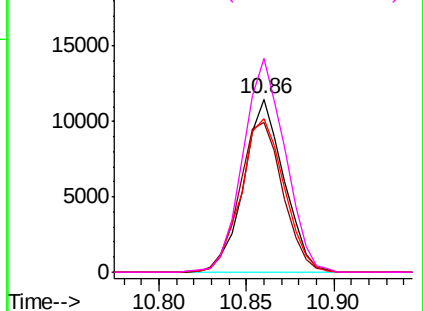


Abundance Ion 164.00 (163.70 to 164.70): V

Ion 129.00 (128.70 to 129.70): V

Ion 131.00 (130.70 to 131.70): V

Ion 166.00 (165.70 to 166.70): V



#50

Dibromochloromethane

Concen: 3.446 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.27 min

Lab File: VW009714.D

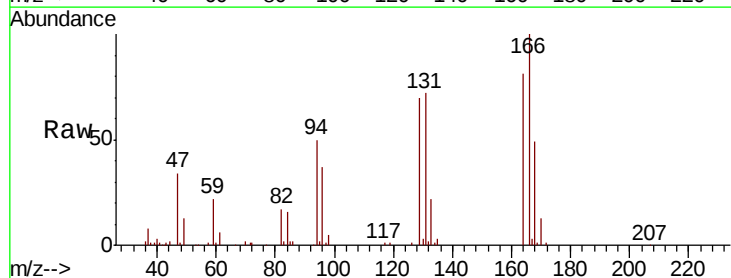
Acq: 05 Apr 2019 06:09

Tgt Ion:129 Resp: 17238

Ion Ratio Lower Upper

129 100

127 0.0 53.0 98.4#



Abundance Ion 129.00 (128.70 to 129.70): V

Ion 127.00 (126.70 to 127.70): V

