

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW032619\
 Data File : VW009468.D
 Acq On : 26 Mar 2019 15:51
 Operator : SY/VA
 Sample : K2044-05
 Misc : 3.77G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Mar 27 01:33:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Wed Mar 27 01:27:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	379727	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	357569	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149870	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	90257	19.89	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	79.56%
7) Chloroethane-d5	2.89	69	99295	18.70	ug/L	0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.80%
10) 1,1-Dichloroethene-d2	4.20	63	128	0.01	ug/L	0.18
Spiked Amount	25.000	Range	45 - 110	Recovery	=	0.04%#
20) 2-Butanone-d5	7.07	46	72362	38.56	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	77.12%
24) Chloroform-d	7.65	84	236265	22.80	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	8.30	65	137574	22.04	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	88.16%
29) Benzene-d6	8.27	84	412886	20.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	83.76%
33) 1,2-Dichloropropane-d6	9.27	67	131722	22.24	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	88.96%
37) Toluene-d8	10.32	98	356255	19.54	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	78.16%
38) trans-1,3-Dichloropropene-	10.58	79	51322	17.25	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	69.00%
39) 2-Hexanone-d5	10.93	63	49812	34.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.44%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	116317	19.94	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	79.76%
61) 1,2-Dichlorobenzene-d4	13.86	152	130030	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds

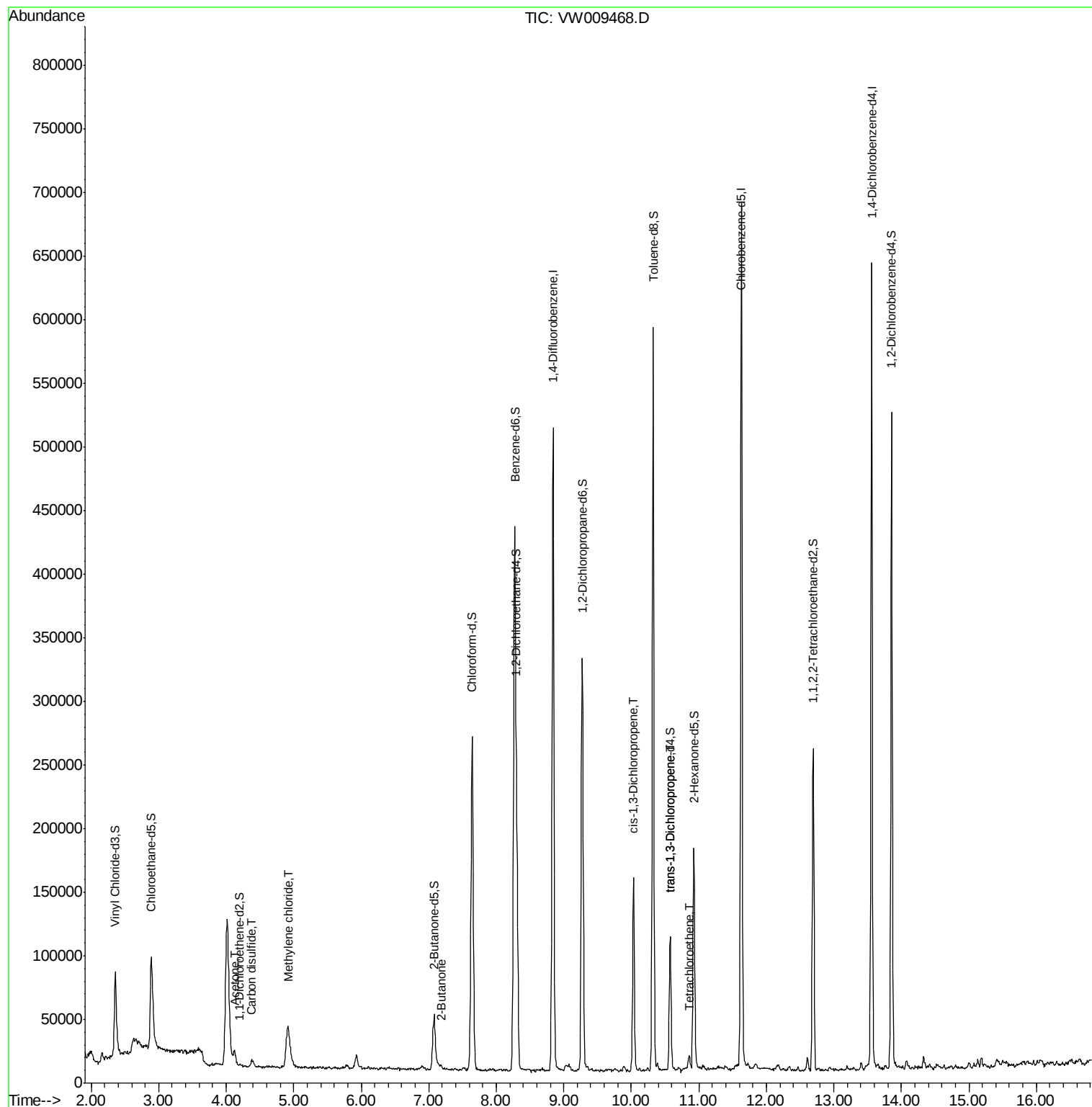
					Ovalue
13) Acetone	4.12	43	15116	9.822	ug/L 80
14) Carbon disulfide	4.37	76	4850	0.385	ug/L 97
16) Methylene chloride	4.91	84	29962	5.411	ug/L 88
21) 2-Butanone	7.18	43	2711	1.276	ug/L 81
42) cis-1,3-Dichloropropene	10.03	75	4143	0.506	ug/L 87
45) trans-1,3-Dichloropropene	10.57	75	2936	0.413	ug/L # 69
47) Tetrachloroethene	10.86	164	2018	0.458	ug/L 91

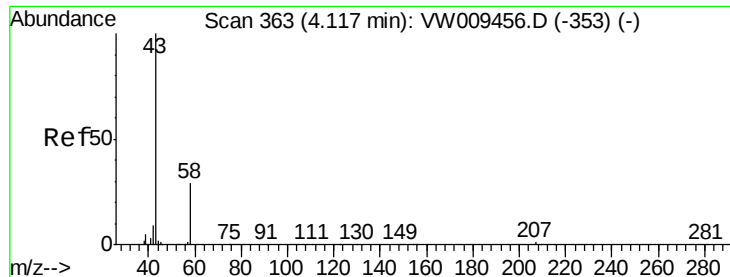
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA W\DATA\VW032619\
Data File : VW009468.D
Acq On : 26 Mar 2019 15:51
Operator : SY/VA
Sample : K2044-05
Misc : 3.77G/10ML/MSVOA W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :

Quant Time: Mar 27 01:33:34 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
Quant Title : VOC Analysis
QLast Update : Wed Mar 27 01:27:49 2019
Response via : Initial Calibration





#13

Acetone

Concen: 9.822 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW009468.D

Acq: 26 Mar 2019 15:51

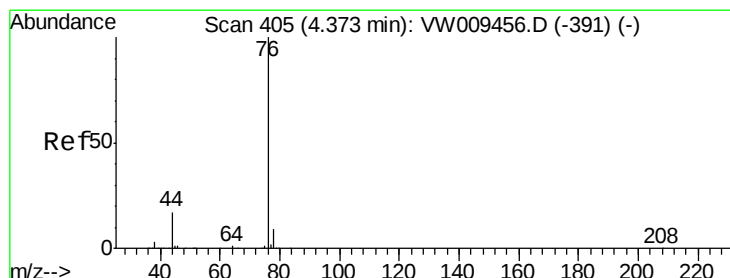
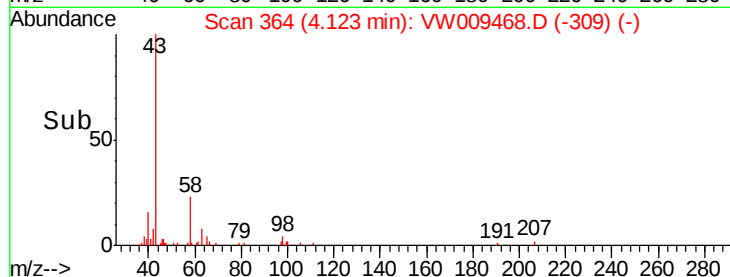
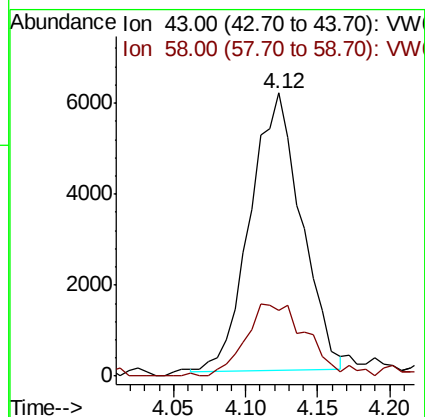
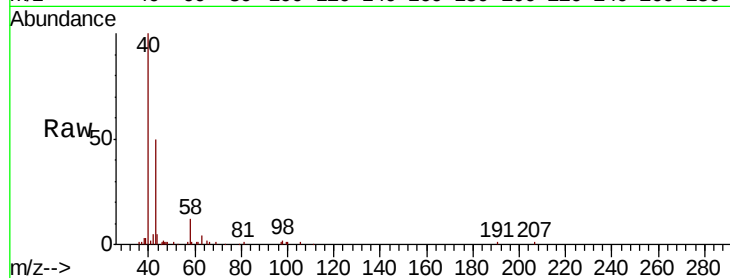
Instrument :
MSVOA_W
ClientSampleId :

Tot Ion: 43 Resp: 15116

Ion Ratio Lower Upper

43 100 0.0 56.2

58 17.5 0.0 56.2



#14

Carbon disulfide

Concen: 0.385 ug/L

RT: 4.37 min Scan# 405

Delta R.T. -0.00 min

Lab File: VW009468.D

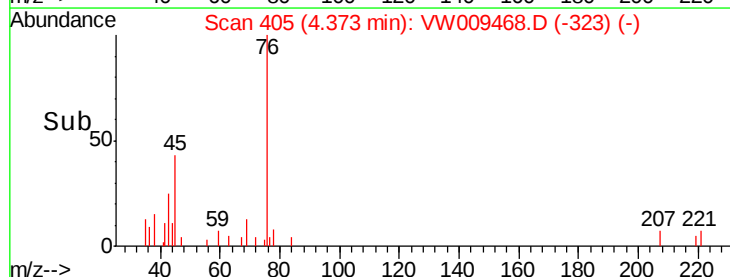
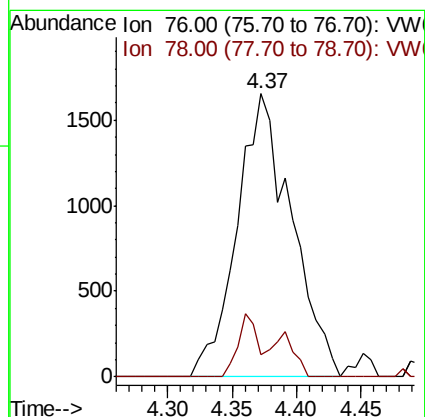
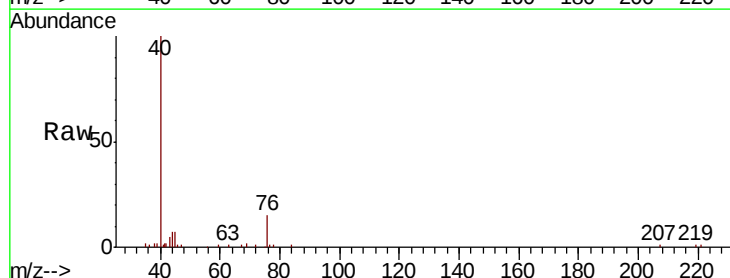
Acq: 26 Mar 2019 15:51

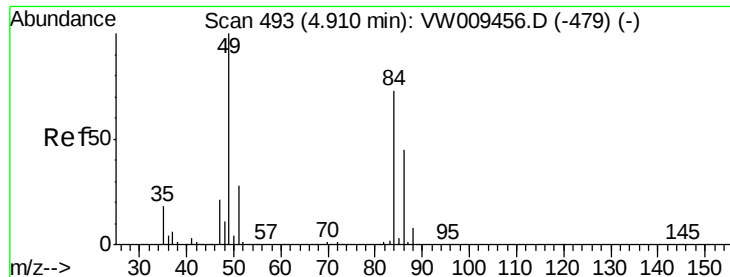
Tgt Ion: 76 Resp: 4850

Ion Ratio Lower Upper

76 100 7.3 10.9

78 8.0 7.3 10.9

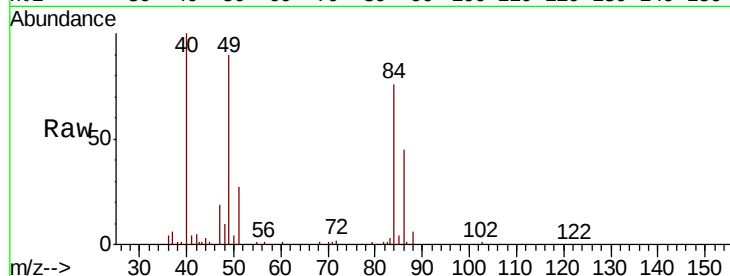




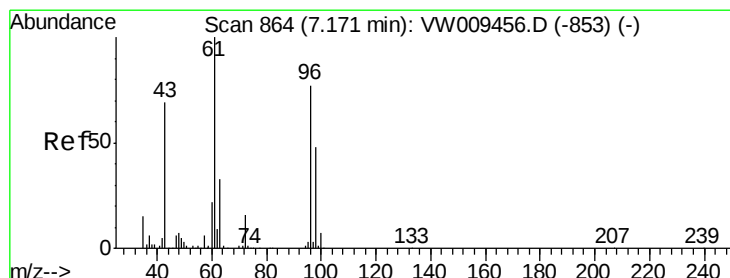
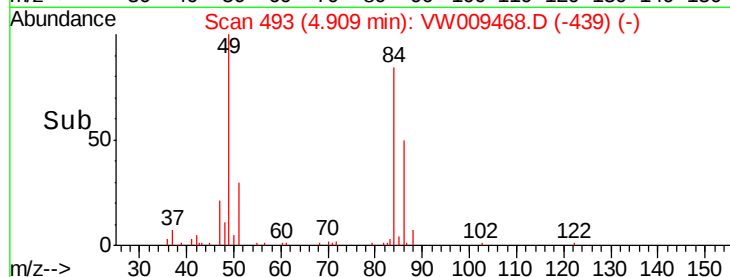
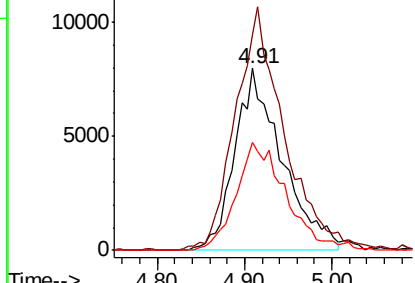
#16
Methvlene chloride
Concen: 5.411 ug/L
RT: 4.91 min Scan# 493
Delta R.T. -0.00 min
Lab File: VW009468.D
Acq: 26 Mar 2019 15:51

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 84 Resp: 29962
Ion Ratio Lower Upper
84 100
49 118.4 96.0 178.2
86 60.1 44.4 82.5

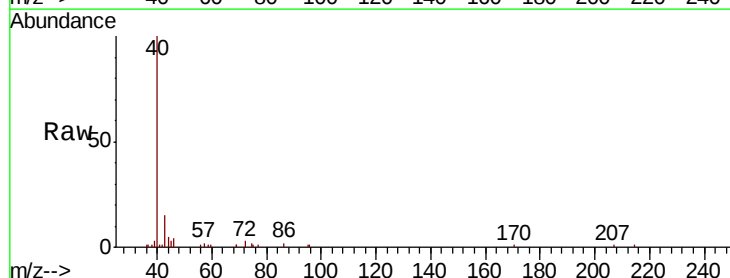


Abundance Ion 84.00 (83.70 to 84.70): VW
Ion 49.00 (48.70 to 49.70): VW
Ion 86.00 (85.70 to 86.70): VW

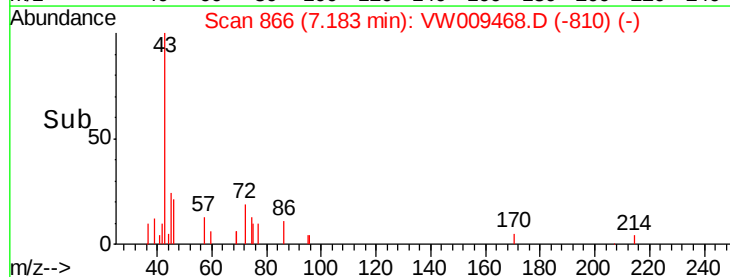
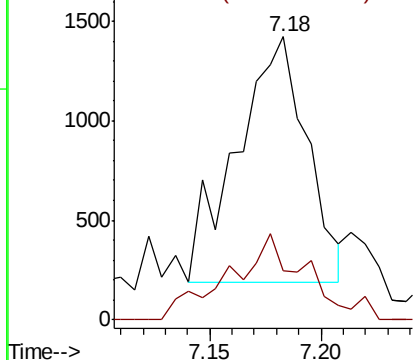


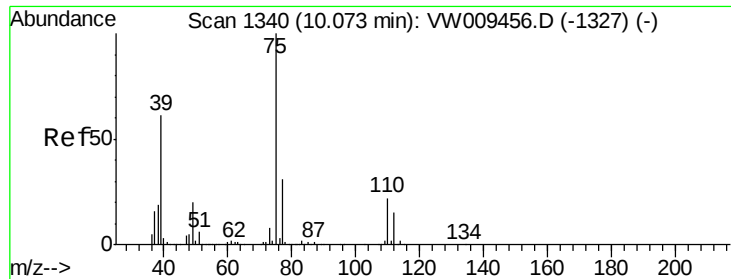
#21
2-Butanone
Concen: 1.276 ug/L
RT: 7.18 min Scan# 866
Delta R.T. 0.01 min
Lab File: VW009468.D
Acq: 26 Mar 2019 15:51

Tgt Ion: 43 Resp: 2711
Ion Ratio Lower Upper
43 100
72 16.3 13.1 39.1



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 72.00 (71.70 to 72.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.506 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009468.D

Acq: 26 Mar 2019 15:51

Instrument :

MSVOA_W

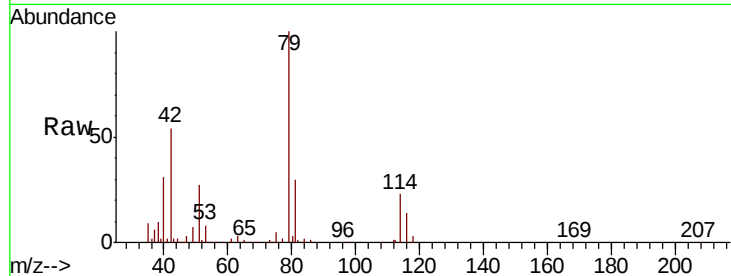
ClientSampled :

Tot Ion: 75 Resp: 4143

Ion Ratio Lower Upper

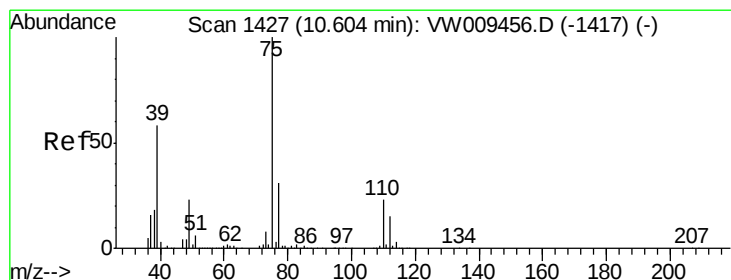
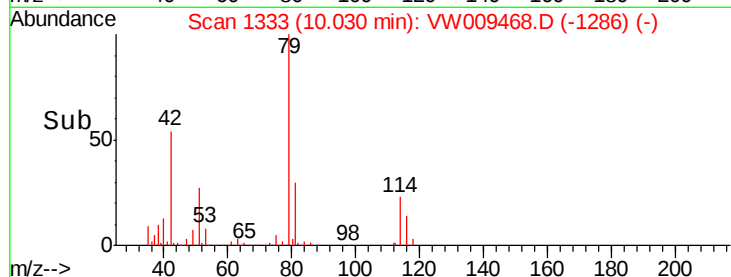
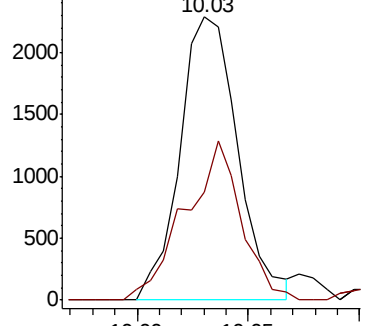
75 100

77 38.2 21.6 40.2



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.413 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009468.D

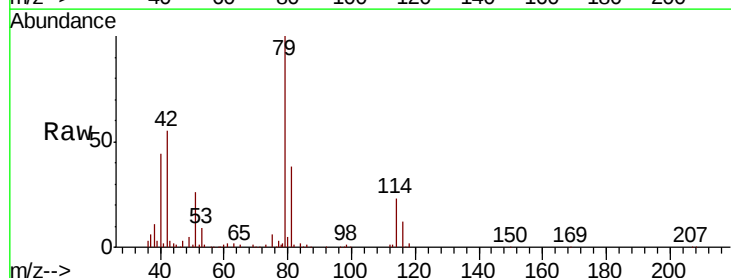
Acq: 26 Mar 2019 15:51

Tgt Ion: 75 Resp: 2936

Ion Ratio Lower Upper

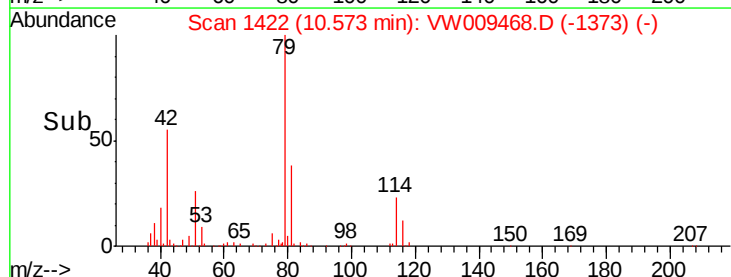
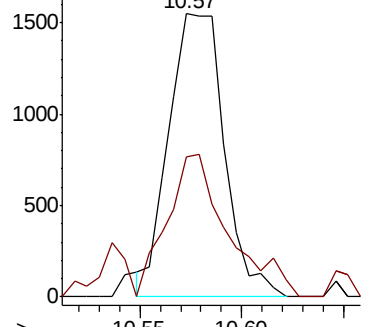
75 100

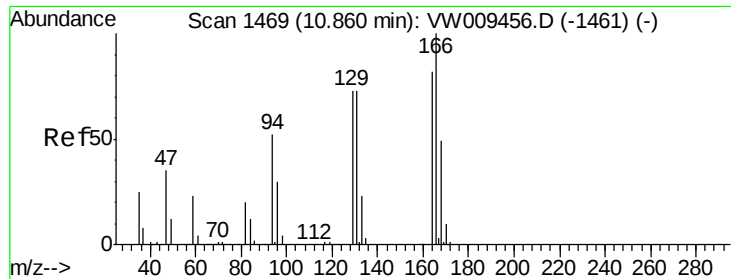
77 49.5 22.5 41.7#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW





#47

Tetrachloroethene

Concen: 0.458 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. -0.00 min

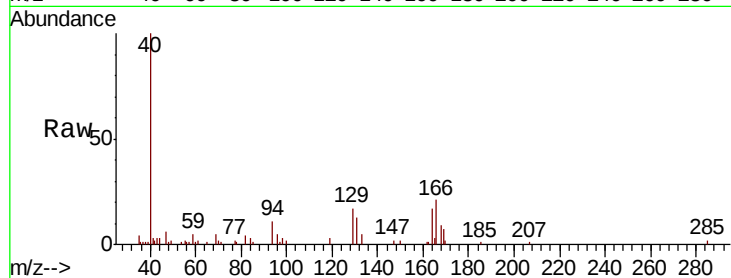
Lab File: VW009468.D

Acq: 26 Mar 2019 15:51

Instrument :

MSVOA_W

ClientSampleId :



Tot Ion:164 Resp: 2018

Ion Ratio Lower Upper

164 100

129 95.4 66.5 123.5

131 72.7 62.6 116.3

166 121.1 91.6 170.0

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

