

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
 Data File : VW009589.D
 Acq On : 30 Mar 2019 14:43
 Operator : SY/VA
 Sample : K2101-20
 Misc : 6.03G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF0K9

Quant Time: Mar 30 21:20:15 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	386562	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	360302	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	143058	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	139472	30.19	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	120.76%
7) Chloroethane-d5	2.89	69	126783	23.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	93.84%
10) 1,1-Dichloroethene-d2	4.01	63	205199	20.55	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	82.20%
20) 2-Butanone-d5	7.07	46	77788	40.72	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.44%
24) Chloroform-d	7.64	84	268091	25.41	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.64%
26) 1,2-Dichloroethane-d4	8.30	65	162107	25.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	102.04%
29) Benzene-d6	8.27	84	503411	25.33	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	101.32%
33) 1,2-Dichloropropane-d6	9.27	67	150677	25.25	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	101.00%
37) Toluene-d8	10.32	98	442026	24.06	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.24%
38) trans-1,3-Dichloropropene-	10.58	79	65993	22.02	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.08%
39) 2-Hexanone-d5	10.93	63	52488	36.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	72.62%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	129673	22.06	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	88.24%
61) 1,2-Dichlorobenzene-d4	13.86	152	137067	24.99	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.96%

Target Compounds

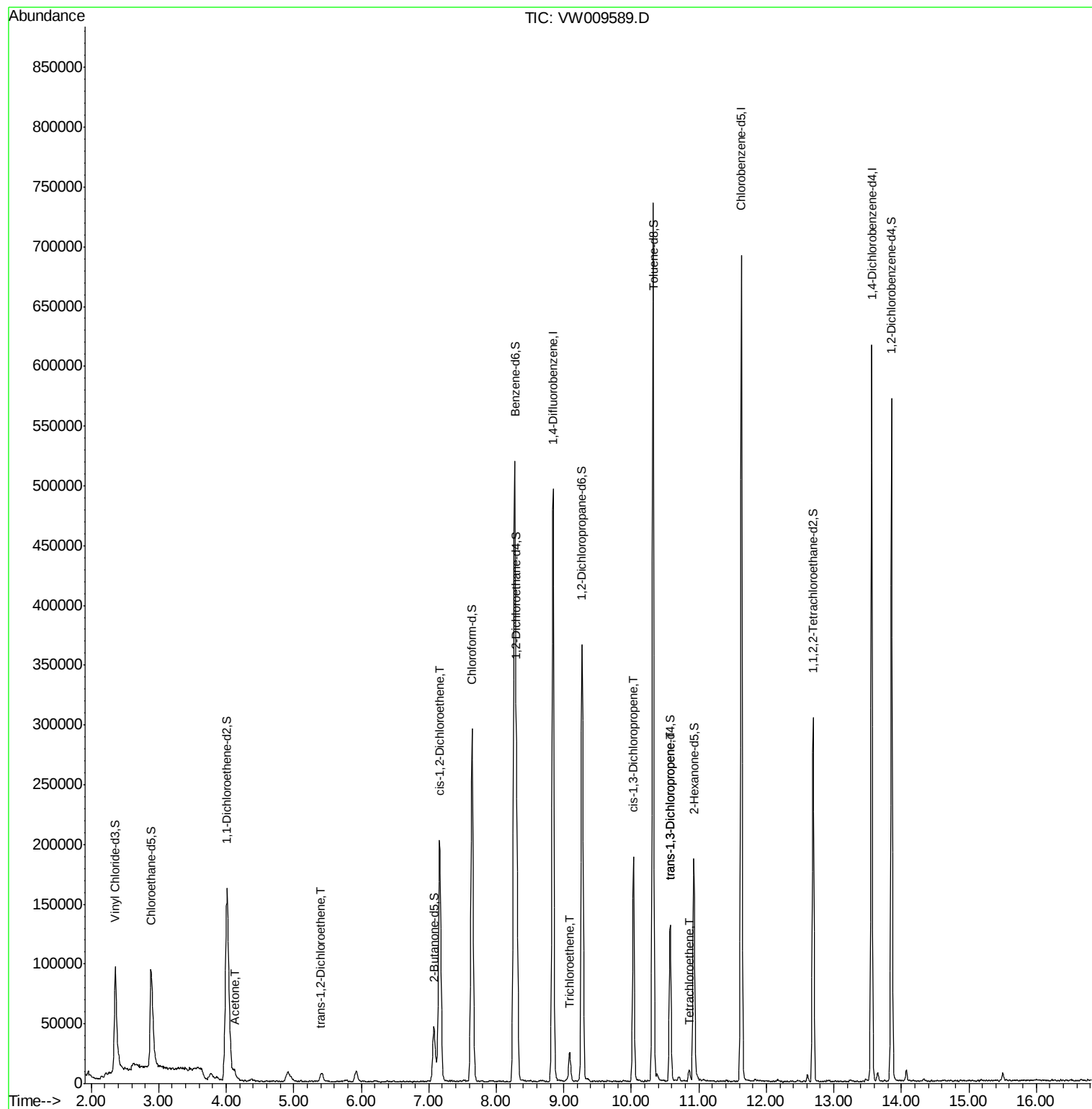
					Qvalue
13) Acetone	4.12	43	9072	5.791 ug/L	82
18) trans-1,2-Dichloroethene	5.41	96	2340	0.468 ug/L	88
22) cis-1,2-Dichloroethene	7.17	96	108187	19.955 ug/L	97
35) Trichloroethene	9.09	95	7776	1.480 ug/L	94
42) cis-1,3-Dichloropropene	10.03	75	5107	0.620 ug/L	87
45) trans-1,3-Dichloropropene	10.58	75	3815	0.532 ug/L #	45
47) Tetrachloroethene	10.86	164	1739	0.392 ug/L #	86

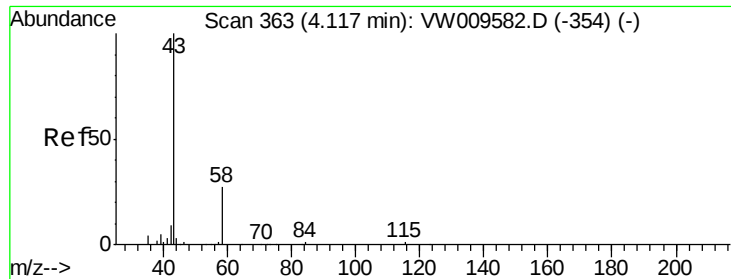
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA_W\DATA\VW033019\
Data File : VW009589.D
Acq On : 30 Mar 2019 14:43
Operator : SY/VA
Sample : K2101-20
Misc : 6.03G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
BF0K9

Quant Time: Mar 30 21:20:15 2019
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

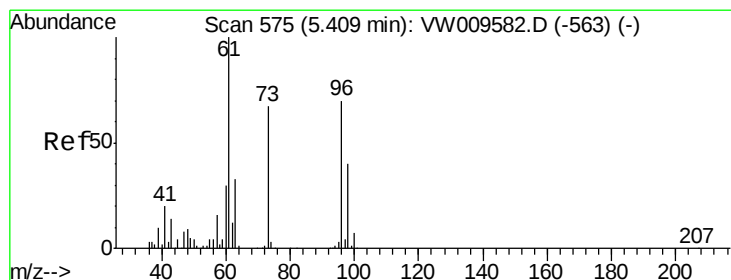
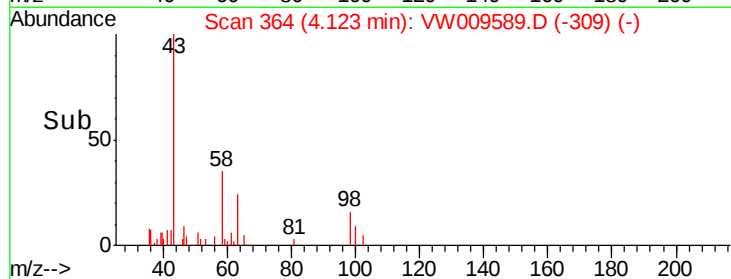
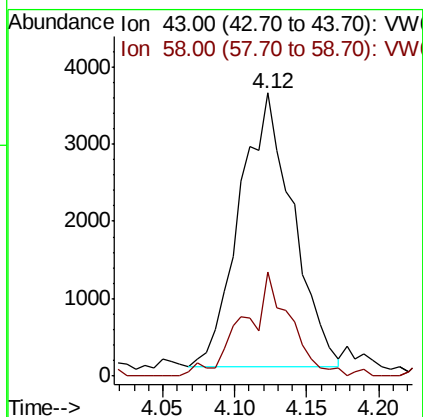
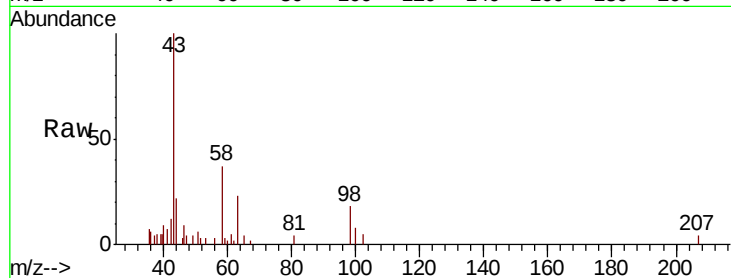




#13
Acetone
Concen: 5.791 ug/L
RT: 4.12 min Scan# 364
Delta R.T. 0.01 min
Lab File: VW009589.D
Acq: 30 Mar 2019 14:43

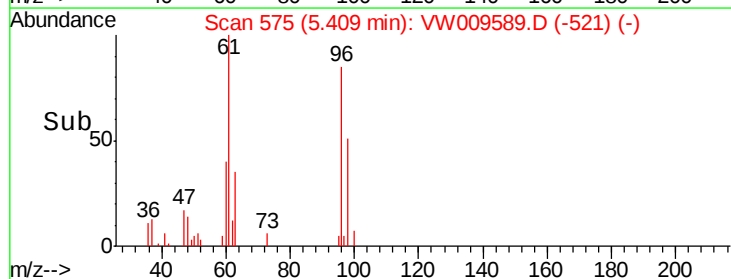
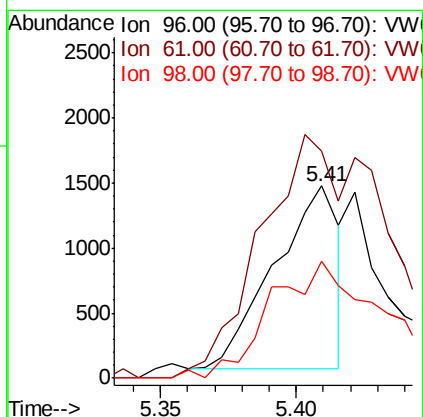
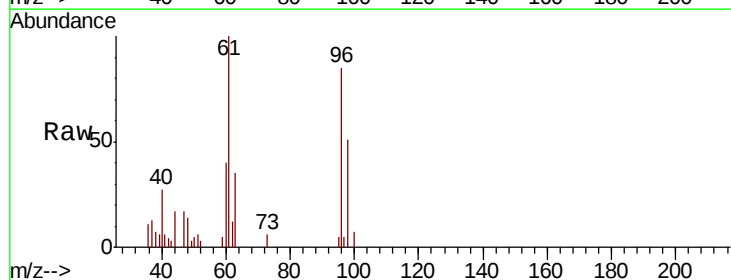
Instrument :
MSVOA_W
ClientSampled :
BF0K9

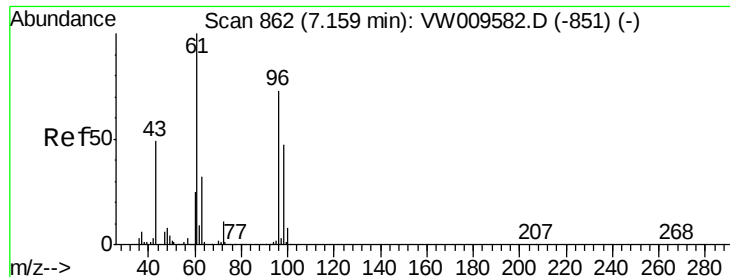
Tgt Ion: 43 Resp: 9072
Ion Ratio Lower Upper
43 100
58 18.6 0.0 56.2



#18
trans-1,2-Dichloroethene
Concen: 0.468 ug/L
RT: 5.41 min Scan# 575
Delta R.T. 0.00 min
Lab File: VW009589.D
Acq: 30 Mar 2019 14:43

Tgt Ion: 96 Resp: 2340
Ion Ratio Lower Upper
96 100
61 118.2 96.7 179.5
98 60.9 43.8 81.4





#22

cis-1,2-Dichloroethene

Concen: 19.955 ug/L

RT: 7.17 min Scan# 863

Delta R.T. 0.01 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

BF0K9

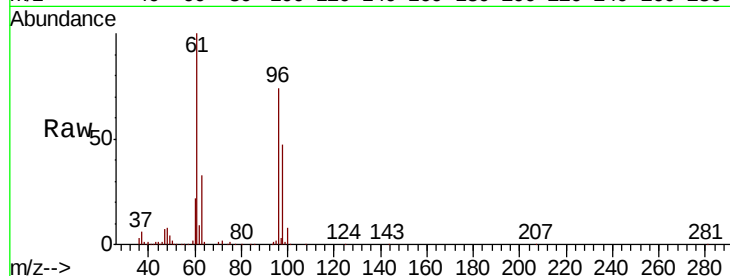
Tgt Ion: 96 Resp: 108187

Ion Ratio Lower Upper

96 100

61 134.5 90.6 168.3

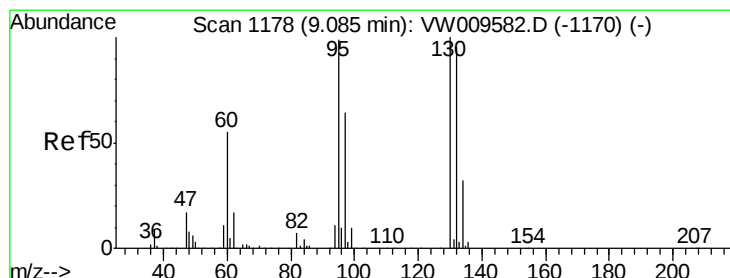
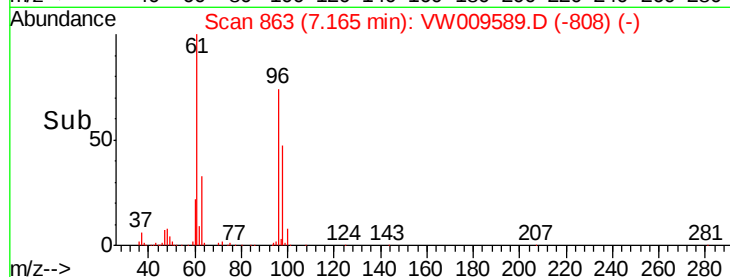
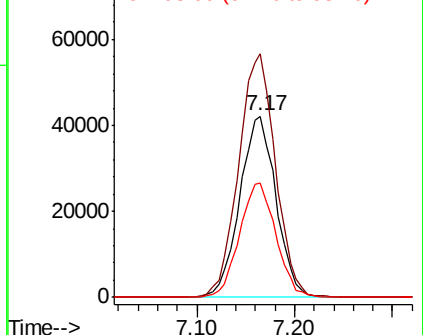
98 63.3 44.0 81.8



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: 1.480 ug/L

RT: 9.09 min Scan# 1179

Delta R.T. 0.01 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Tgt Ion: 95 Resp: 7776

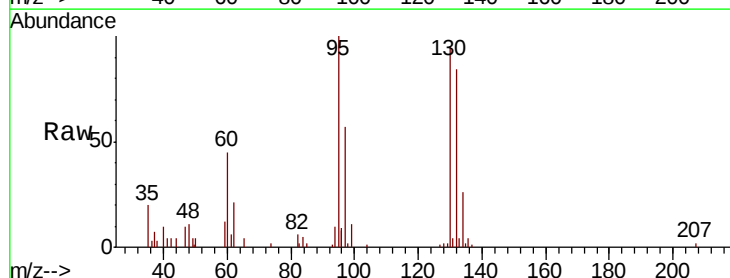
Ion Ratio Lower Upper

95 100

97 63.4 44.7 82.9

132 88.9 69.0 128.2

130 97.7 72.7 134.9

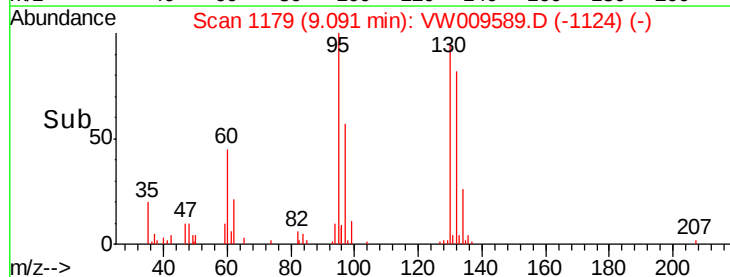
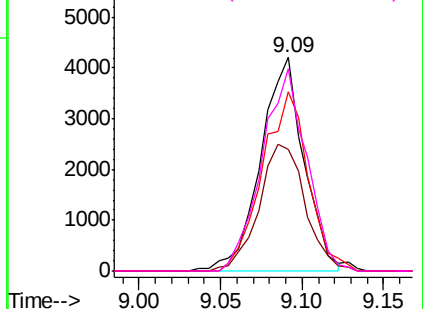


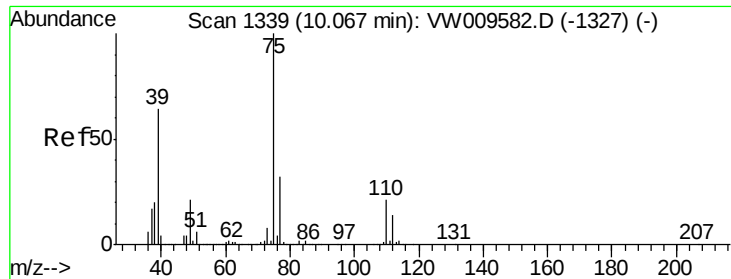
Abundance Ion 95.00 (94.70 to 95.70): VW

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





#42

cis-1,3-Dichloropropene

Concen: 0.620 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009589.D

Acq: 30 Mar 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

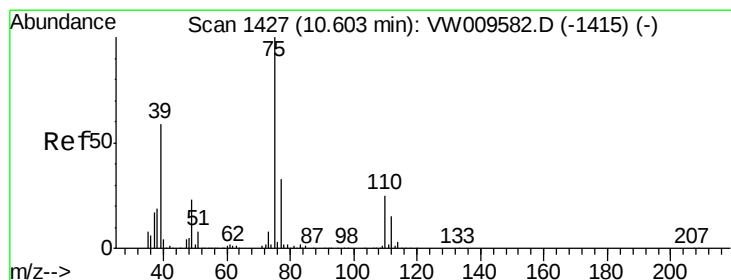
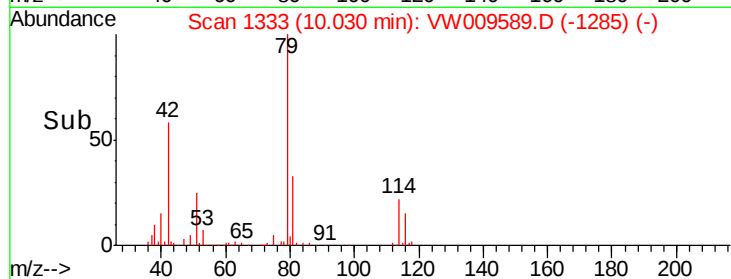
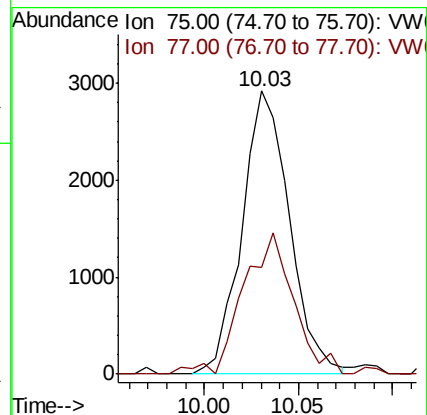
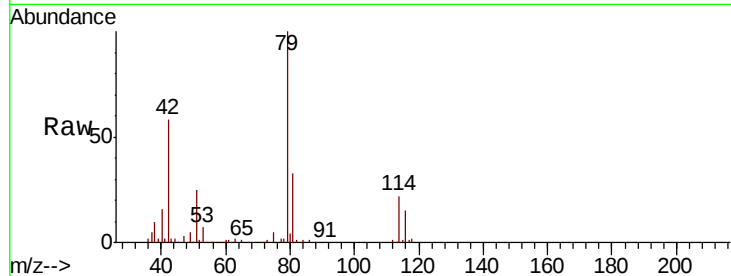
BF0K9

Tgt Ion: 75 Resp: 5107

Ion Ratio Lower Upper

75 100

77 37.8 21.6 40.2



#45

trans-1,3-Dichloropropene

Concen: 0.532 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009589.D

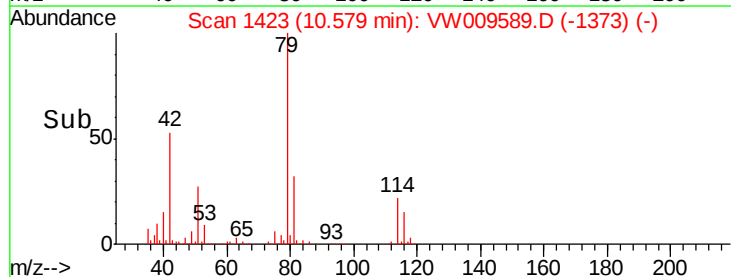
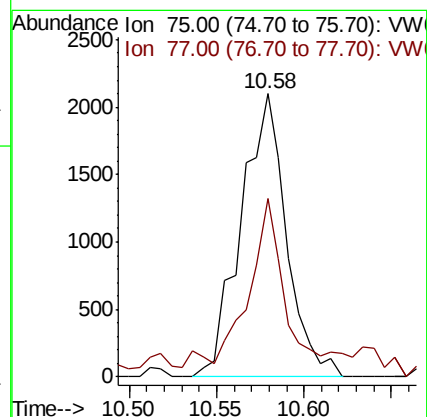
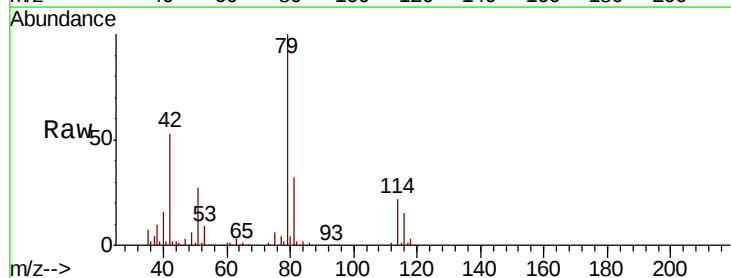
Acq: 30 Mar 2019 14:43

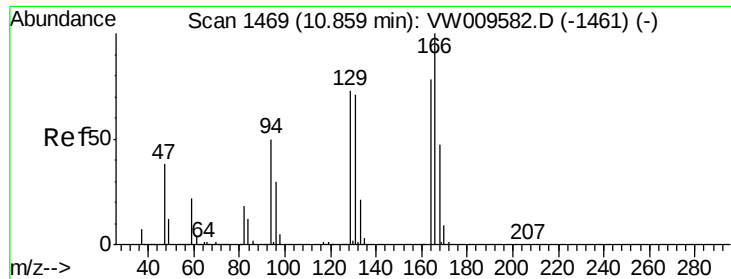
Tgt Ion: 75 Resp: 3815

Ion Ratio Lower Upper

75 100

77 63.0 22.5 41.7#





#47

Tetrachloroethene

Concen: 0.392 ug/L

RT: 10.86 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VW009589.D

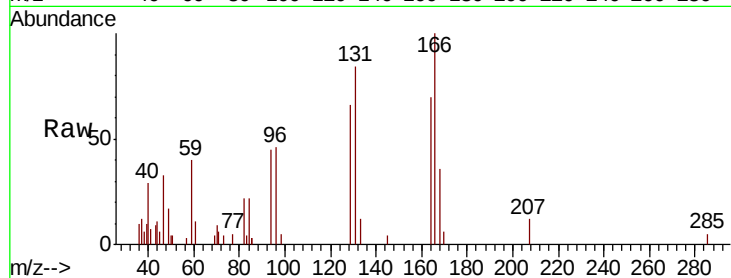
Acq: 30 Mar 2019 14:43

Instrument :

MSVOA_W

ClientSampleId :

BF0K9



Tgt Ion:164 Resp: 1739

Ion Ratio Lower Upper

164 100

129 94.9 66.5 123.5

131 120.7 62.6 116.3#

166 143.3 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

