

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW040619\
 Data File : VW009789.D
 Acq On : 07 Apr 2019 00:19
 Operator : SY/VA
 Sample : K2217-11
 Misc : 2.41G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF601

Quant Time: Apr 07 05:40:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM040319S.M
 Quant Title : VOC Analysis
 QLast Update : Sun Apr 07 05:36:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	450221	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	404722	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	128907	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	150182	25.49	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	101.96%
7) Chloroethane-d5	2.89	69	148871	27.58	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.32%
10) 1,1-Dichloroethene-d2	4.02	63	267928	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.60%
20) 2-Butanone-d5	7.07	46	126667	66.22	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	132.44%
24) Chloroform-d	7.64	84	383495	31.22	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	124.88%
26) 1,2-Dichloroethane-d4	8.39	65	124	0.02	ug/L	0.09
Spiked Amount	25.000	Range	70 - 130	Recovery	=	0.08%#
29) Benzene-d6	8.27	84	708691	33.36	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	133.44%
33) 1,2-Dichloropropane-d6	9.27	67	225643	34.39	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	137.56%#
37) Toluene-d8	10.32	98	602584	30.68	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	122.72%
38) trans-1,3-Dichloropropene-	10.58	79	92788	29.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	118.60%
39) 2-Hexanone-d5	10.93	63	79749	64.48	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	128.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	181391	29.73	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	118.92%
61) 1,2-Dichlorobenzene-d4	13.85	152	147292	32.56	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	130.24%#

Target Compounds

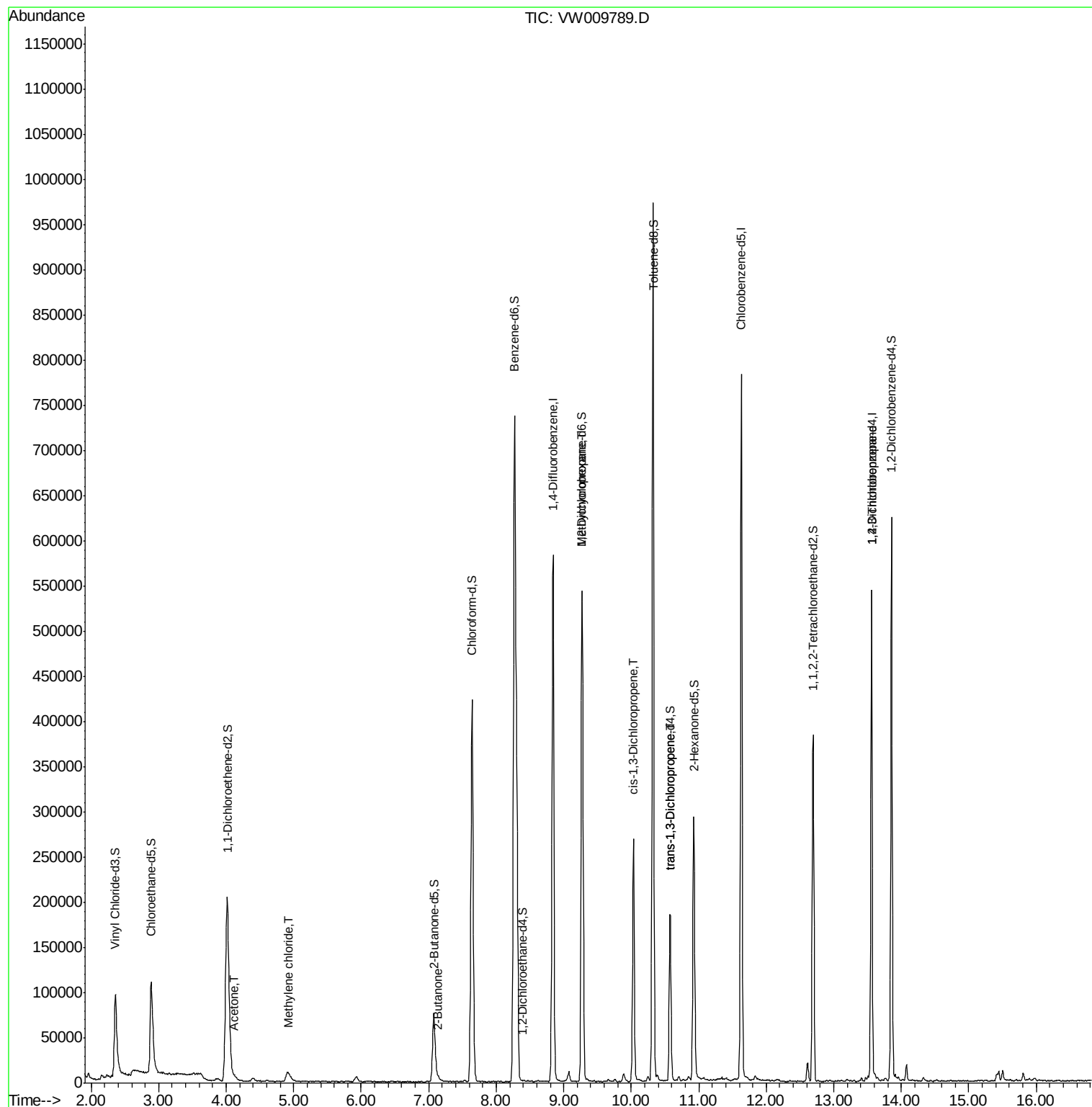
					Qvalue
13) Acetone	4.12	43	3348	1.634 ug/L	97
16) Methylene chloride	4.92	84	9886	1.245 ug/L	94
21) 2-Butanone	7.13	43	1602	0.615 ug/L #	64
36) Methylcyclohexane	9.27	83	56690	5.411 ug/L #	17
42) cis-1,3-Dichloropropene	10.03	75	7773	0.805 ug/L #	54
45) trans-1,3-Dichloropropene	10.57	75	5187	0.623 ug/L #	70
59) 1,2,3-Trichloropropane	13.56	75	18130	3.871 ug/L	96

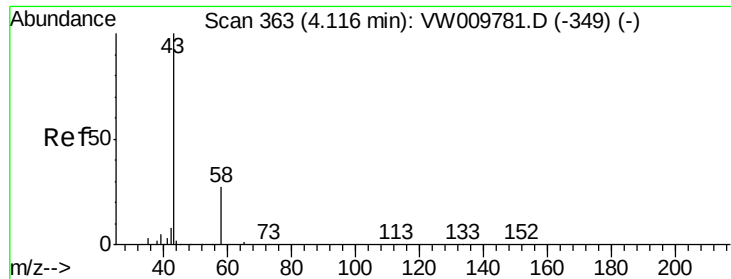
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 1.634 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

Instrument :

MSVOA_W

ClientSampled :

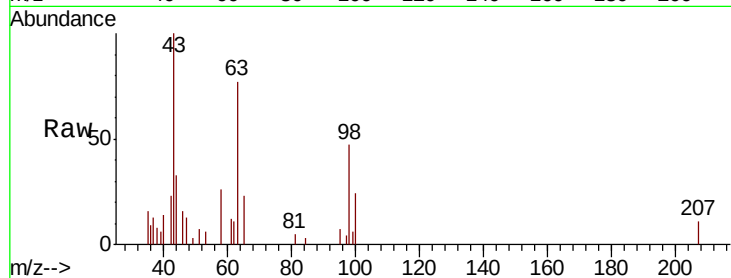
BF601

Tgt Ion: 43 Resp: 3348

Ion Ratio Lower Upper

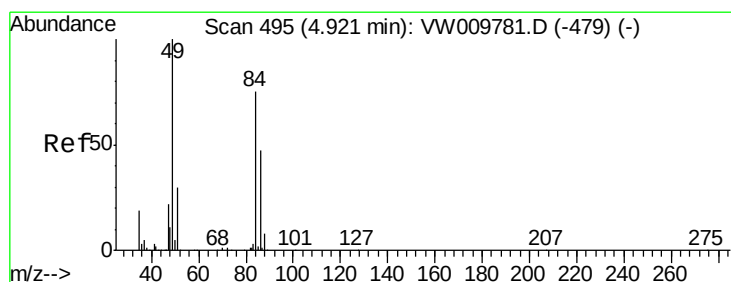
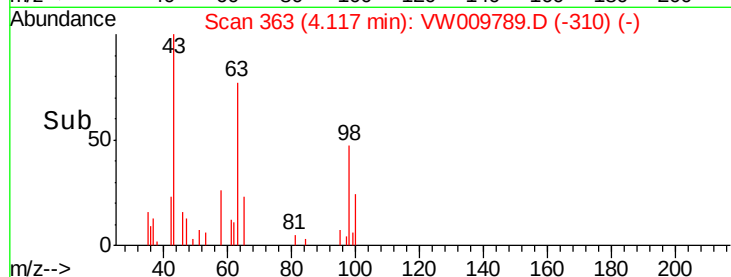
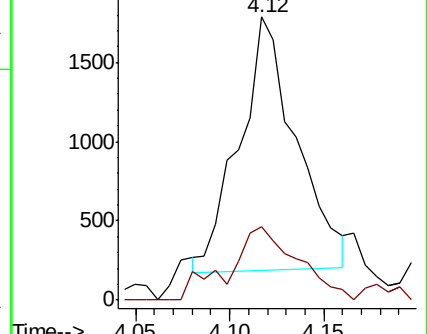
43 100

58 28.3 0.0 53.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.245 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.00 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

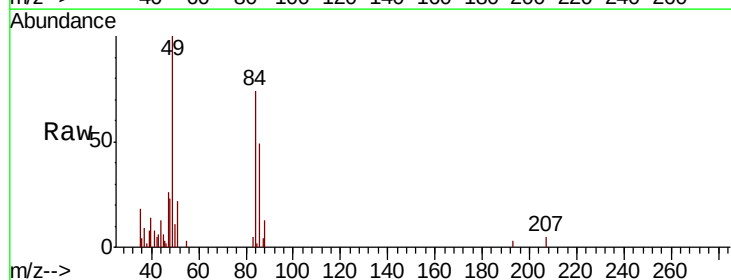
Tgt Ion: 84 Resp: 9886

Ion Ratio Lower Upper

84 100

49 130.7 98.3 182.5

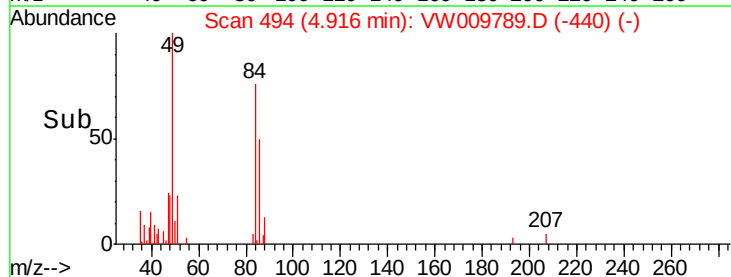
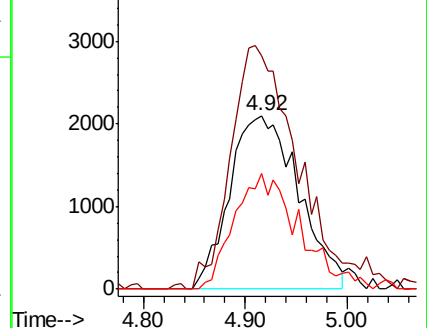
86 64.6 46.4 86.2

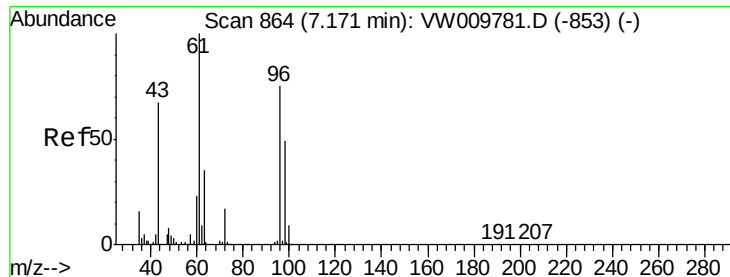


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 0.615 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

Instrument :

MSVOA_W

ClientSampled :

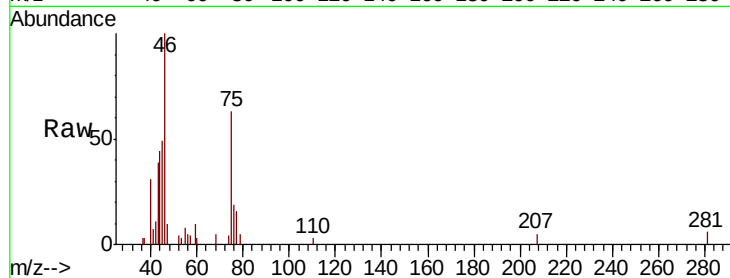
BF601

Tgt Ion: 43 Resp: 1602

Ion Ratio Lower Upper

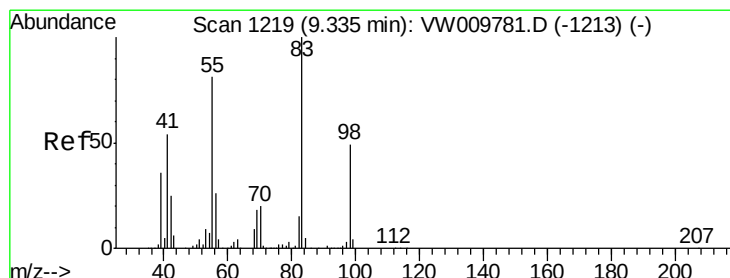
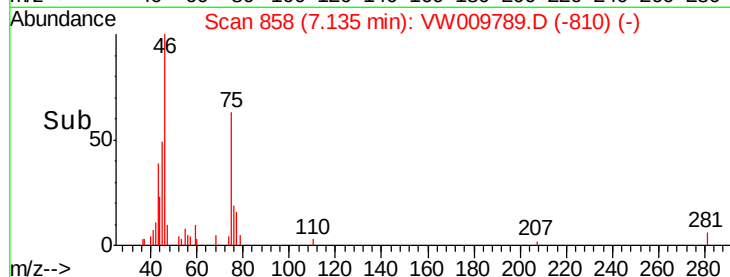
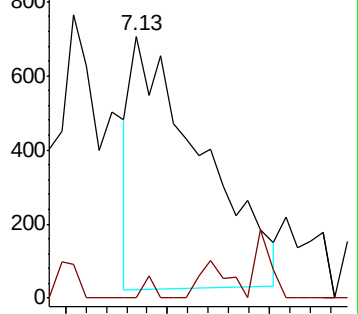
43 100

72 6.2 12.0 36.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW



#36

Methylcyclohexane

Concen: 5.411 ug/L

RT: 9.27 min Scan# 1208

Delta R.T. -0.06 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

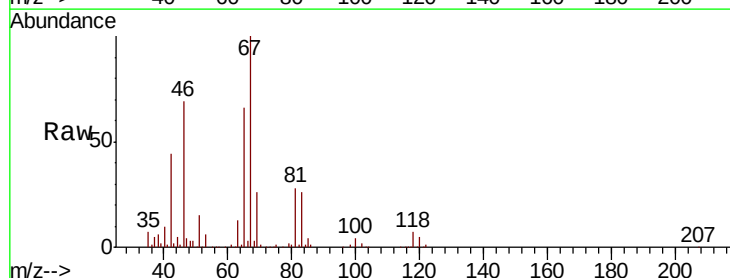
Tgt Ion: 83 Resp: 56690

Ion Ratio Lower Upper

83 100

55 0.6 66.3 99.5#

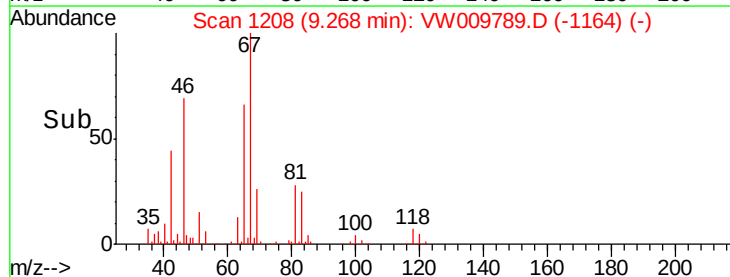
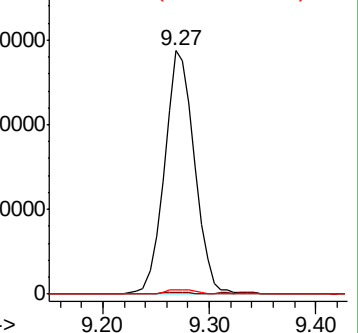
98 2.0 39.4 59.0#

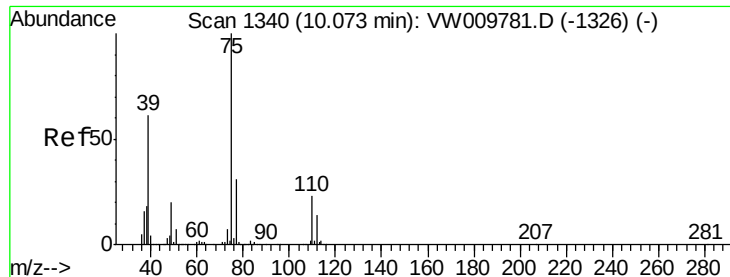


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW





#42

cis-1,3-Dichloropropene

Concen: 0.805 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

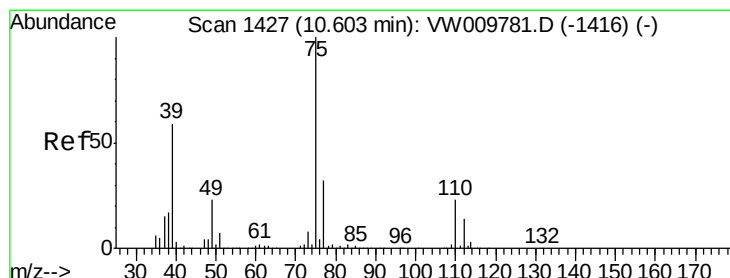
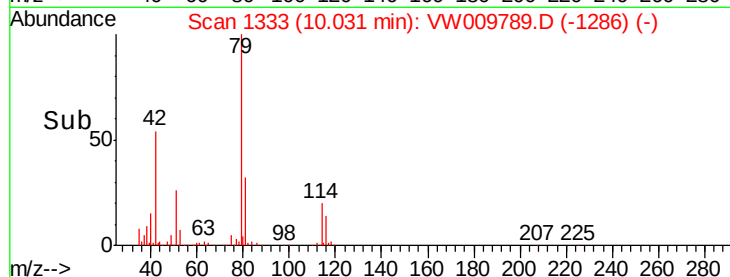
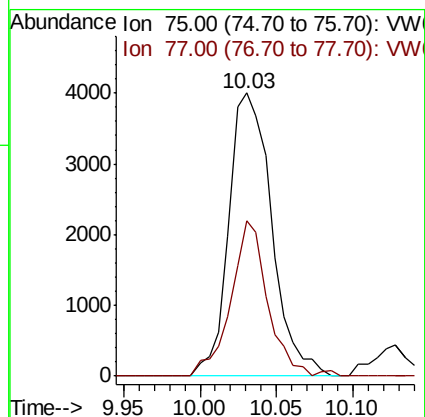
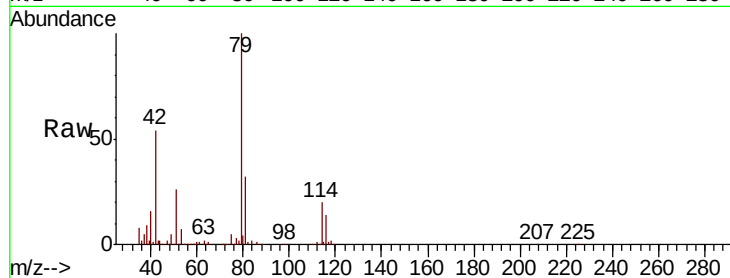
BF601

Tgt Ion: 75 Resp: 7773

Ion Ratio Lower Upper

75 100

77 54.8 21.0 39.0#



#45

trans-1,3-Dichloropropene

Concen: 0.623 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW009789.D

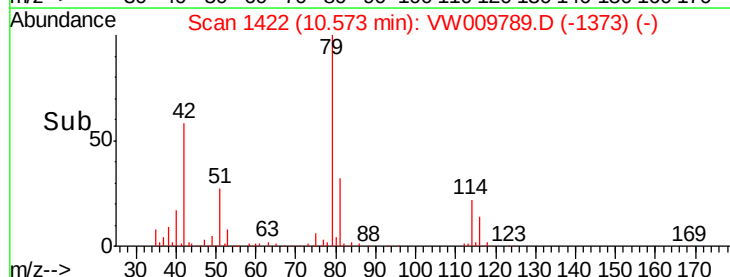
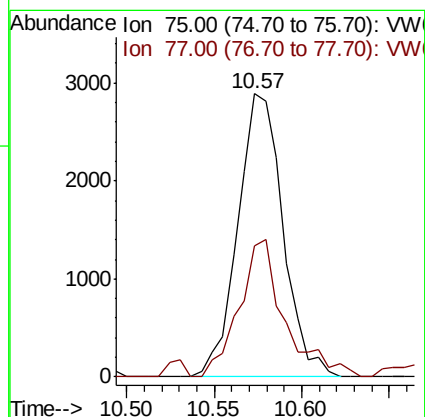
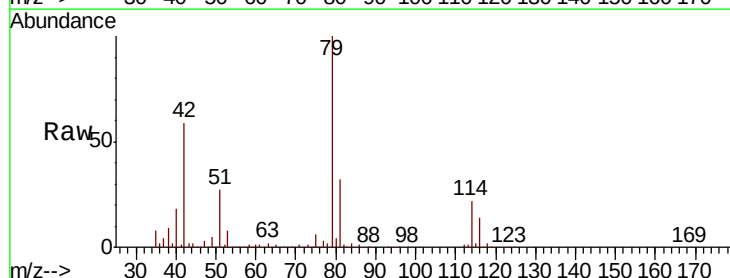
Acq: 07 Apr 2019 00:19

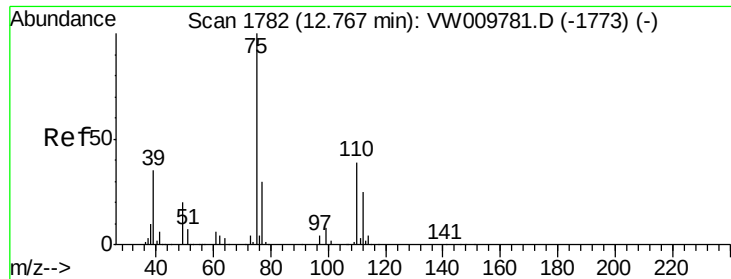
Tgt Ion: 75 Resp: 5187

Ion Ratio Lower Upper

75 100

77 46.5 21.1 39.3#





#59

1,2,3-Trichloropropane

Concen: 3.871 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW009789.D

Acq: 07 Apr 2019 00:19

Instrument :

MSVOA_W

ClientSampleId :

BF601

Tgt Ion: 75 Resp: 18130

Ion Ratio Lower Upper

75 100

77 34.7 26.2 39.2

