

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW032219\
 Data File : VW009364.D
 Acq On : 23 Mar 2019 00:43
 Operator : SY/VA
 Sample : K2031-04
 Misc : 6.48G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 BF5T9

Quant Time: Mar 23 01:37:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM031419S.M
 Quant Title : VOC Analysis
 QLast Update : Sat Mar 23 01:25:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	85932	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	78670	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	29383	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	26898	26.19	ug/L	-0.01
Spiked Amount	25.000	Range	30 - 150	Recovery	=	104.76%
7) Chloroethane-d5	2.89	69	26558	22.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	88.40%
10) 1,1-Dichloroethene-d2	4.00	63	38176	17.20	ug/L	-0.01
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.80%
20) 2-Butanone-d5	7.08	46	22214	52.31	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	104.62%
24) Chloroform-d	7.65	84	59343	25.31	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.24%
26) 1,2-Dichloroethane-d4	8.31	65	37911	26.84	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	107.36%
29) Benzene-d6	8.27	84	106009	24.43	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.72%
33) 1,2-Dichloropropane-d6	9.27	67	35278	27.07	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	108.28%
37) Toluene-d8	10.32	98	83531	20.82	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	83.28%
38) trans-1,3-Dichloropropene-	10.58	79	14486	22.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.52%
39) 2-Hexanone-d5	10.93	63	13382	42.40	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	84.80%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	34609	26.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	107.88%
61) 1,2-Dichlorobenzene-d4	13.86	152	28374	25.18	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	100.72%

Target Compounds

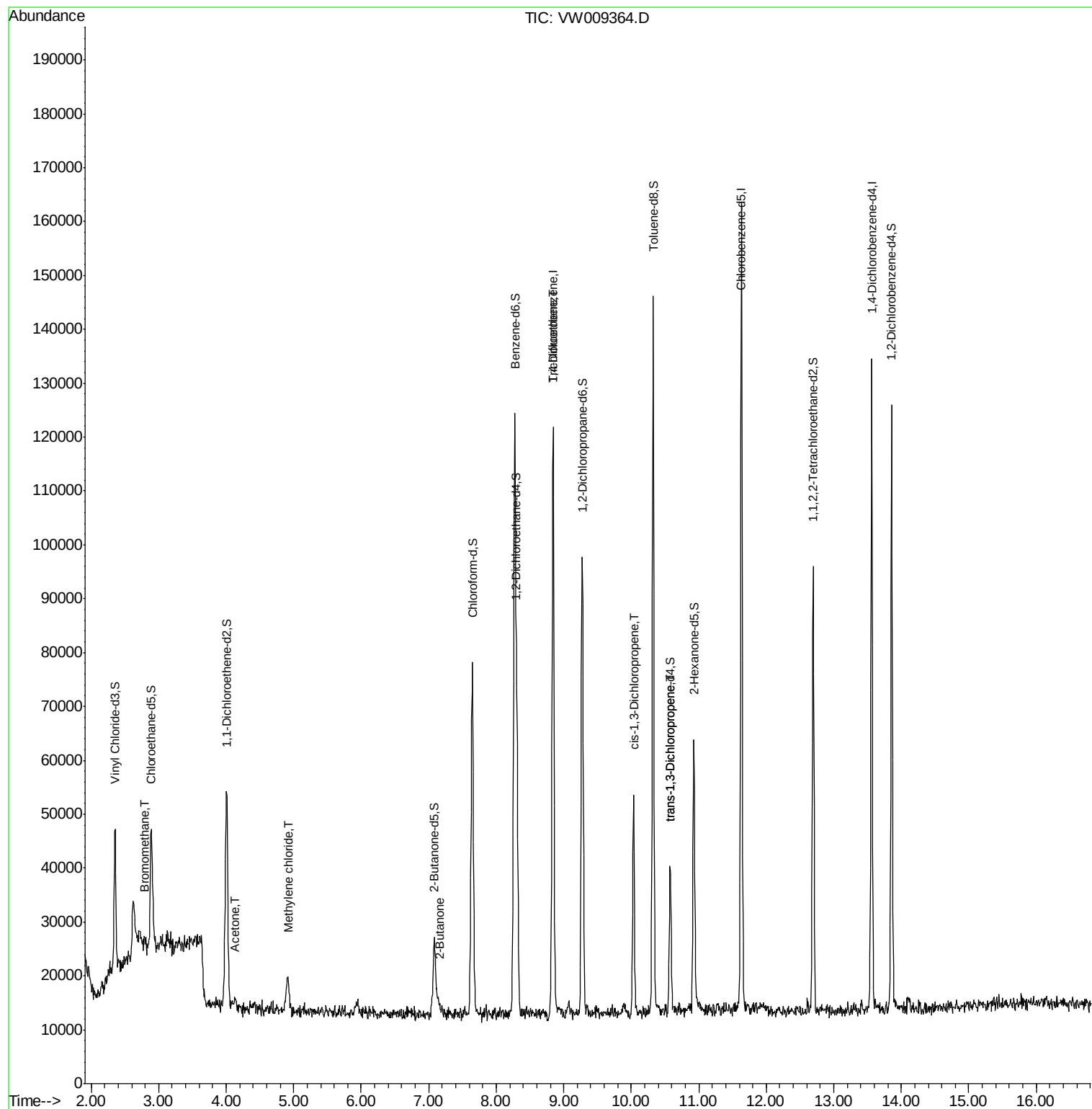
					Qvalue
6) Bromomethane	2.79	94	409	0.395 ug/L	87
13) Acetone	4.12	43	2102	6.036 ug/L	59
16) Methylene chloride	4.91	84	4570	3.647 ug/L	79
21) 2-Butanone	7.17	43	447	0.930 ug/L #	49
35) Trichloroethene	8.84	95	2691	2.345 ug/L #	5
42) cis-1,3-Dichloropropene	10.03	75	1228	0.682 ug/L #	83
45) trans-1,3-Dichloropropene	10.58	75	832	0.531 ug/L #	73

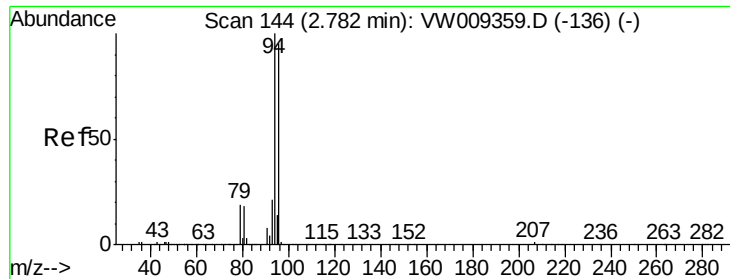
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Sat Mar 23 01:25:26 2019
Response via : Initial Calibration





#6

Bromomethane

Concen: 0.395 ug/L

RT: 2.79 min Scan# 145

Delta R.T. 0.01 min

Lab File: VW009364.D

Acq: 23 Mar 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

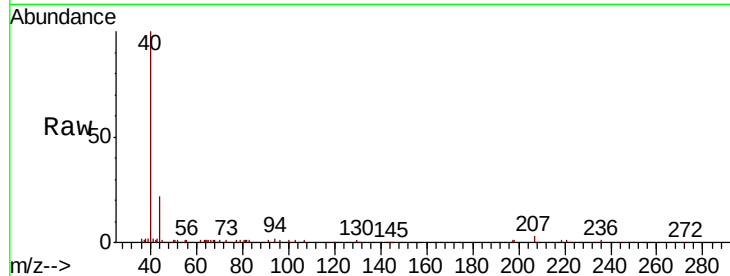
BF5T9

Tgt Ion: 94 Resp: 409

Ion Ratio Lower Upper

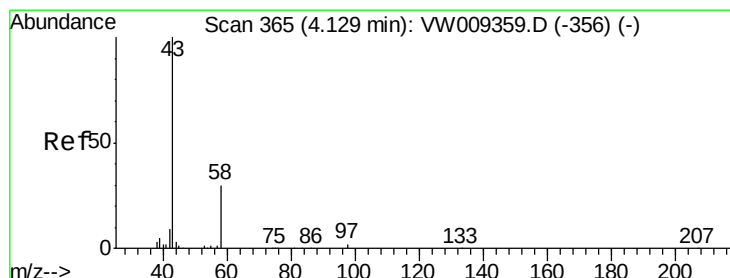
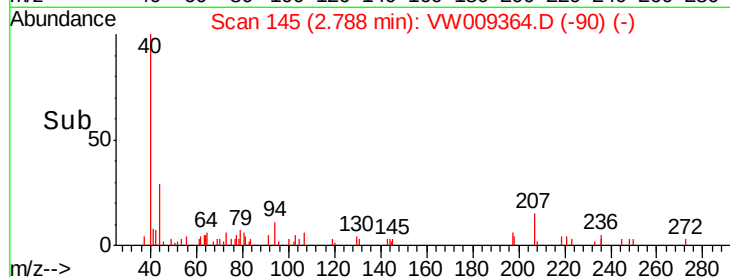
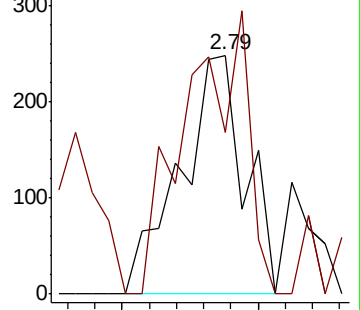
94 100

96 81.7 9.4 178.4



Abundance Ion 94.00 (93.70 to 94.70): VW

Ion 96.00 (95.70 to 96.70): VW



#13

Acetone

Concen: 6.036 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

Lab File: VW009364.D

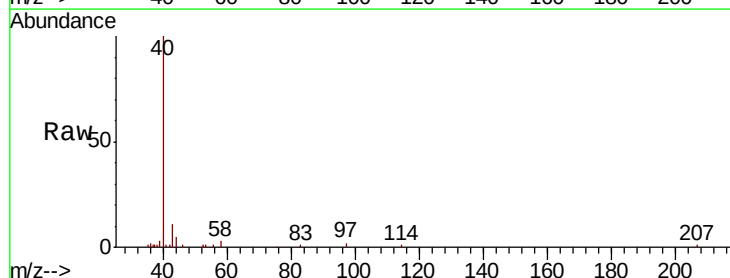
Acq: 23 Mar 2019 00:43

Tgt Ion: 43 Resp: 2102

Ion Ratio Lower Upper

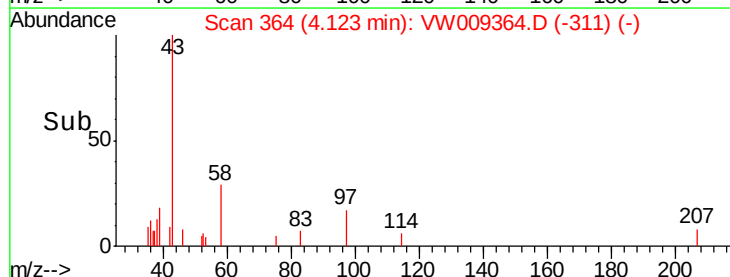
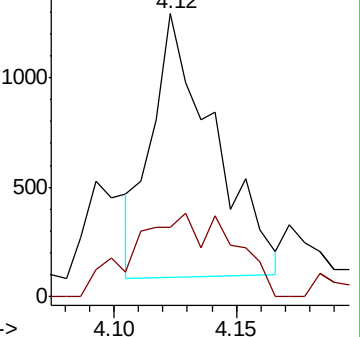
43 100

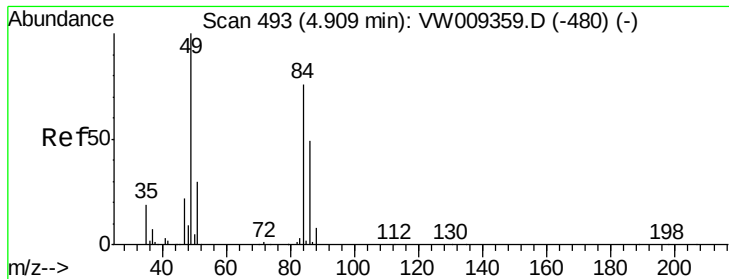
58 6.7 0.0 56.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

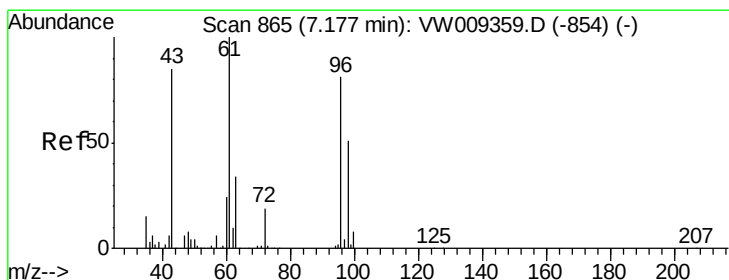
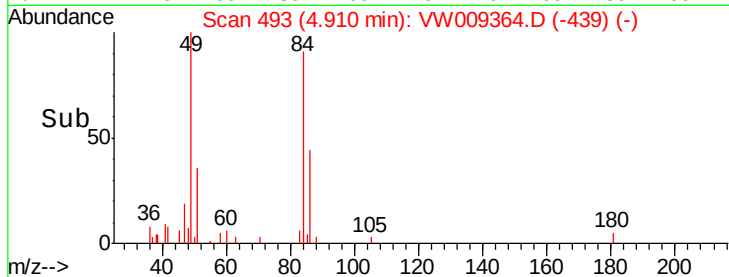
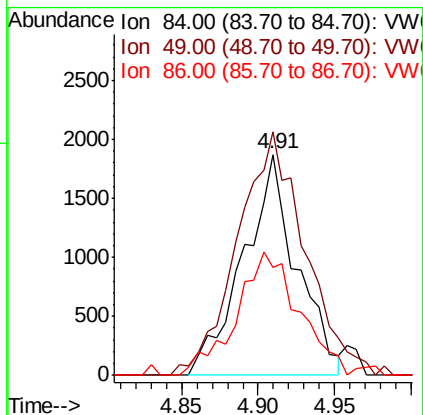
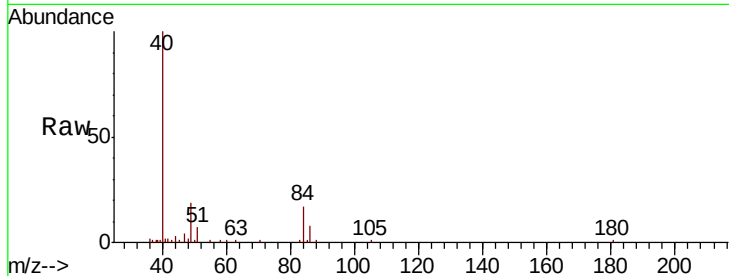




#16
Methylene chloride
Concen: 3.647 ug/L
RT: 4.91 min Scan# 493
Delta R.T. 0.00 min
Lab File: VW009364.D
Acq: 23 Mar 2019 00:43

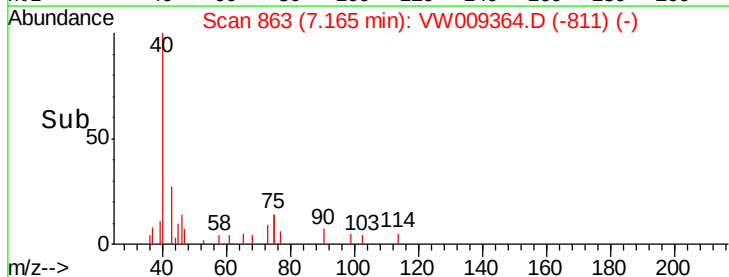
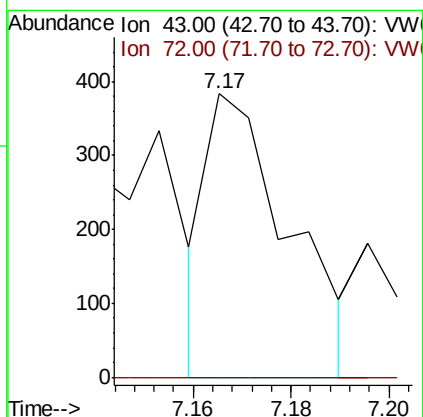
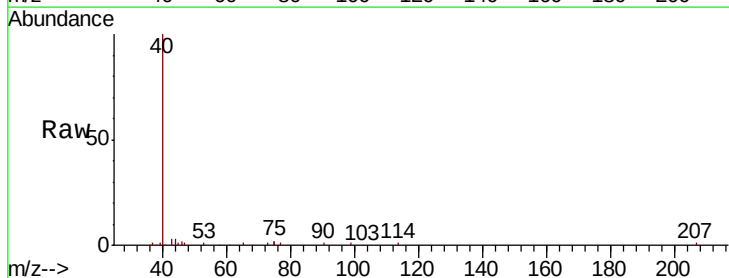
Instrument :
MSVOA_W
ClientSampled :
BF5T9

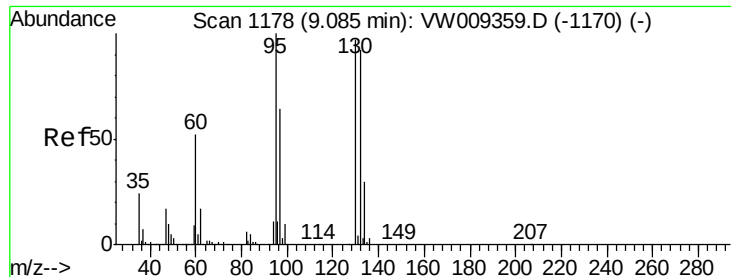
Tgt Ion: 84 Resp: 4570
Ion Ratio Lower Upper
84 100
49 110.1 96.0 178.2
86 48.9 44.4 82.5



#21
2-Butanone
Concen: 0.930 ug/L
RT: 7.17 min Scan# 863
Delta R.T. -0.01 min
Lab File: VW009364.D
Acq: 23 Mar 2019 00:43

Tgt Ion: 43 Resp: 447
Ion Ratio Lower Upper
43 100
72 0.0 13.1 39.1#





#35

Trichloroethene

Concen: 2.345 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.24 min

Lab File: VW009364.D

Acq: 23 Mar 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

BF5T9

Tgt Ion: 95 Resp: 2691

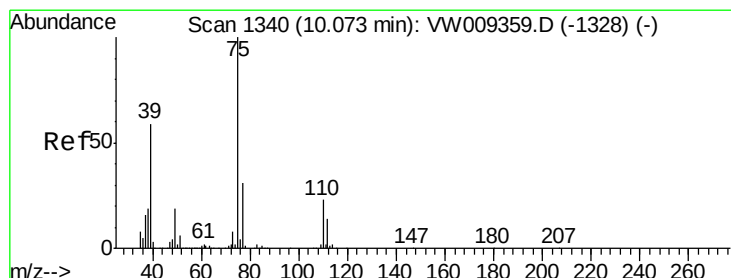
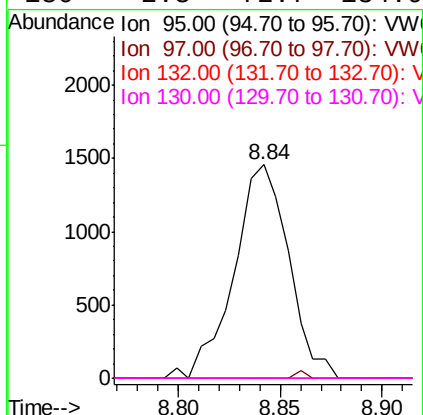
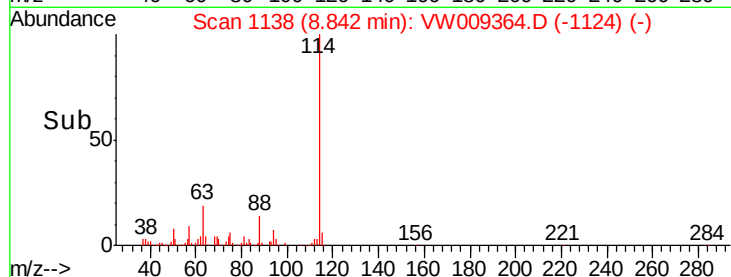
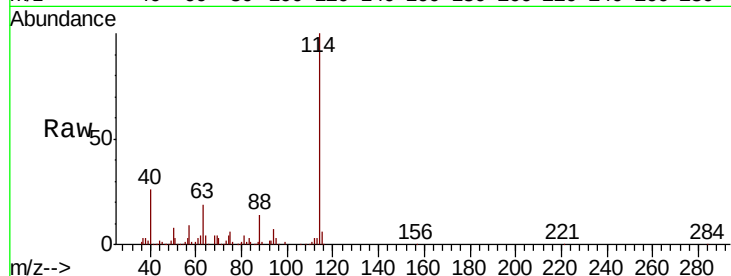
Ion Ratio Lower Upper

95 100

97 1.9 44.7 82.9#

132 0.0 69.0 128.2#

130 2.3 72.7 134.9#



#42

cis-1,3-Dichloropropene

Concen: 0.682 ug/L

RT: 10.03 min Scan# 1333

Delta R.T. -0.04 min

Lab File: VW009364.D

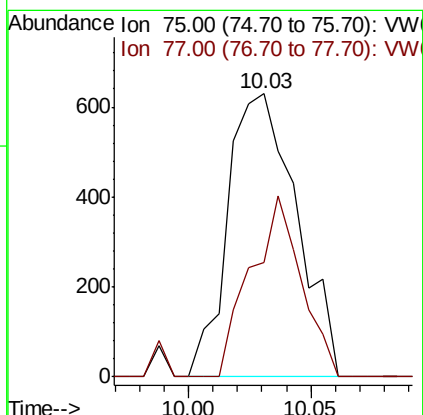
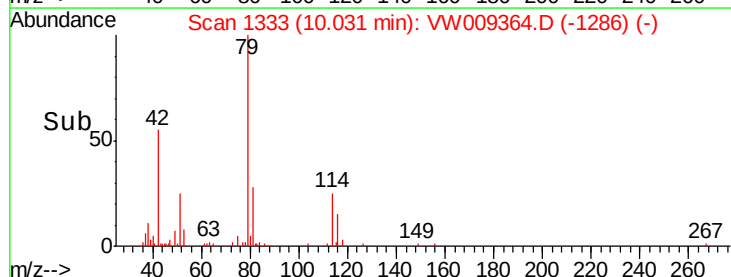
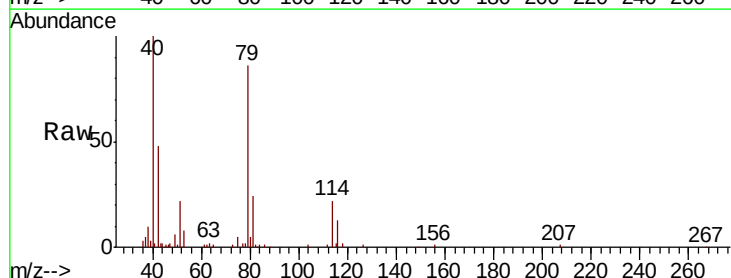
Acq: 23 Mar 2019 00:43

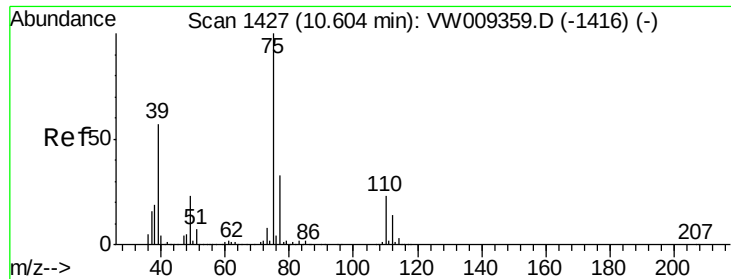
Tgt Ion: 75 Resp: 1228

Ion Ratio Lower Upper

75 100

77 40.2 21.6 40.2#





#45

trans-1,3-Dichloropropene

Concen: 0.531 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW009364.D

Acq: 23 Mar 2019 00:43

Instrument :

MSVOA_W

ClientSampleId :

BF5T9

Tgt Ion: 75 Resp: 832

Ion Ratio Lower Upper

75 100

77 47.4 22.5 41.7#

