

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW121018\
 Data File : VW007366.D
 Acq On : 10 Dec 2018 18:55
 Operator : SY/AP
 Sample : J6297-12
 Misc : 6.71G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Dec 11 01:22:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 11 01:18:15 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	128657	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	106553	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	44236	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	23163	27.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	110.56%
7) Chloroethane-d5	2.89	69	17234	24.28	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.12%
10) 1,1-Dichloroethene-d2	4.01	63	56401	19.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	78.04%
20) 2-Butanone-d5	7.07	46	18881	35.75	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	71.50%
24) Chloroform-d	7.65	84	79210	26.10	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	104.40%
26) 1,2-Dichloroethane-d4	8.31	65	47255	27.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	109.44%
29) Benzene-d6	8.27	84	156426	27.03	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	108.12%
33) 1,2-Dichloropropane-d6	9.27	67	43663	26.44	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	105.76%
37) Toluene-d8	10.32	98	145936	26.90	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	107.60%
38) trans-1,3-Dichloropropene-	10.58	79	20768	24.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	98.40%
39) 2-Hexanone-d5	10.92	63	15684	39.45	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	78.90%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	33525	22.28	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	89.12%
61) 1,2-Dichlorobenzene-d4	13.86	152	42310	27.19	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.76%

Target Compounds

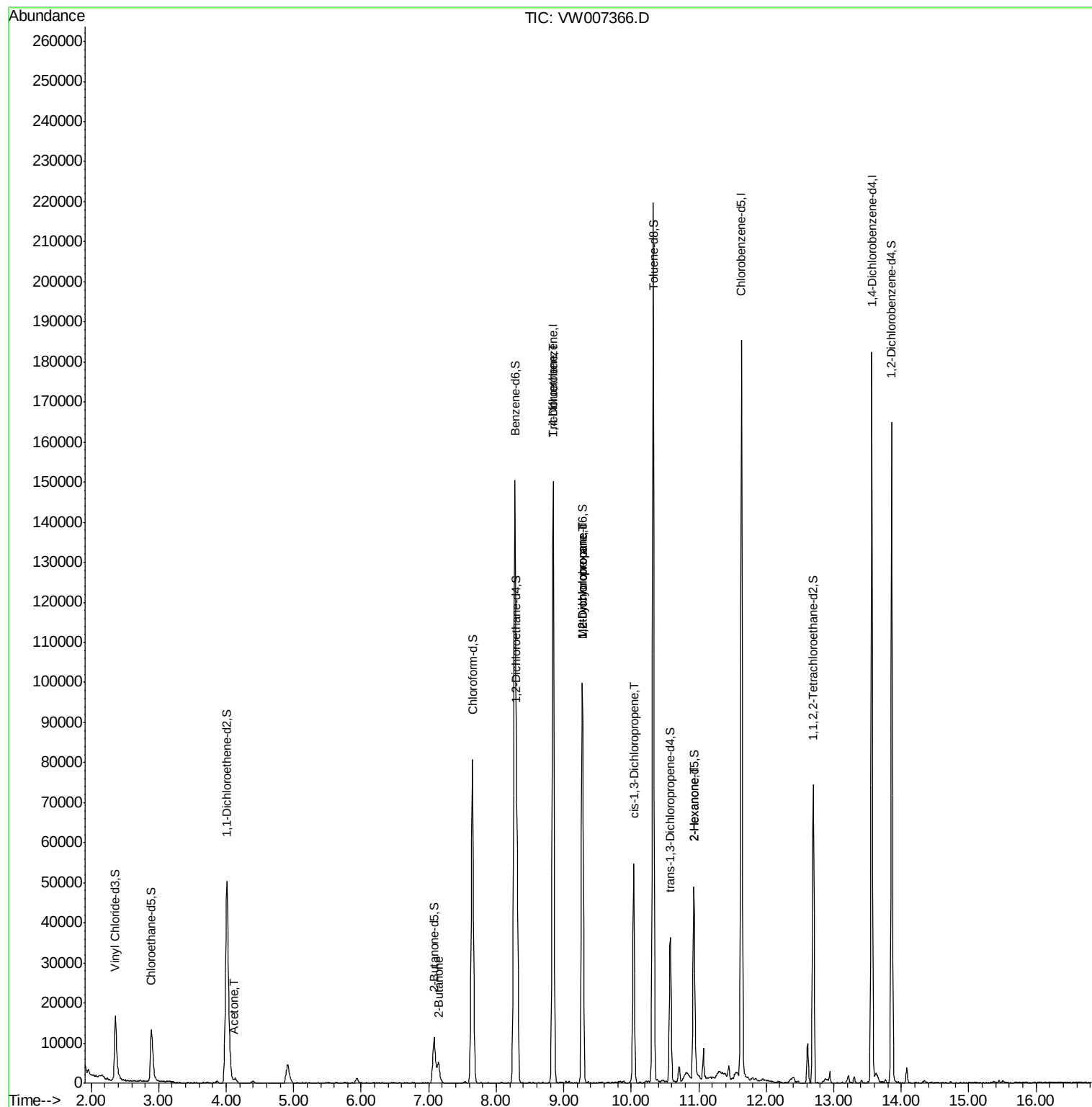
					Ovalue
13) Acetone	4.12	43	994	1.618 ug/L	81
21) 2-Butanone	7.15	43	1492	2.260 ug/L #	45
35) Trichloroethene	8.84	95	4067	2.322 ug/L #	4
36) Methylcyclohexane	9.27	83	11710	3.873 ug/L #	20
40) 1,2-Dichloropropane	9.28	63	5318	3.560 ug/L #	86
42) cis-1,3-Dichloropropene	10.03	75	1532	0.611 ug/L #	81
49) 2-Hexanone	10.92	43	2198	2.645 ug/L #	65

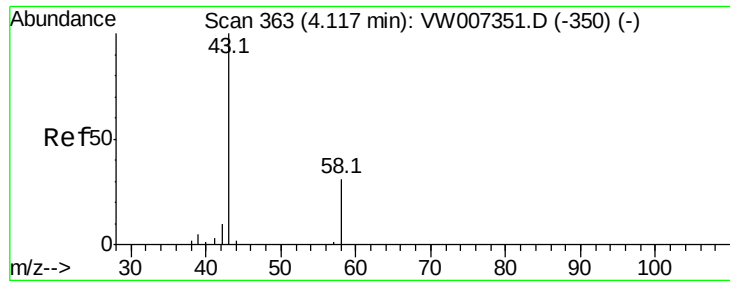
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Dec 11 01:18:15 2018
Response via : Initial Calibration





#13

Acetone

Concen: 1.618 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.01 min

Lab File: VW007366.D

Acq: 10 Dec 2018 18:55

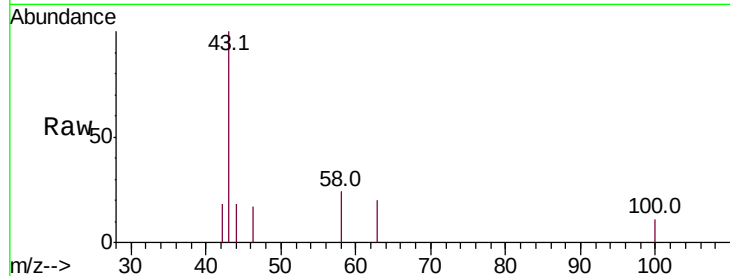
Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 43 Resp: 994

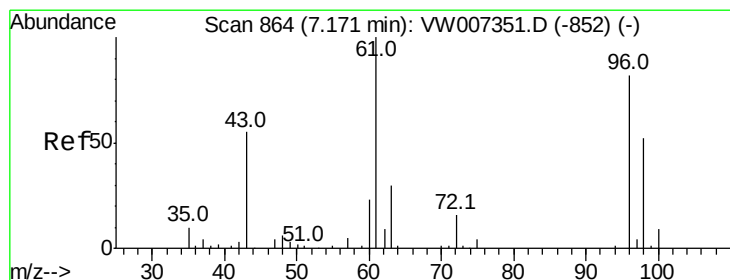
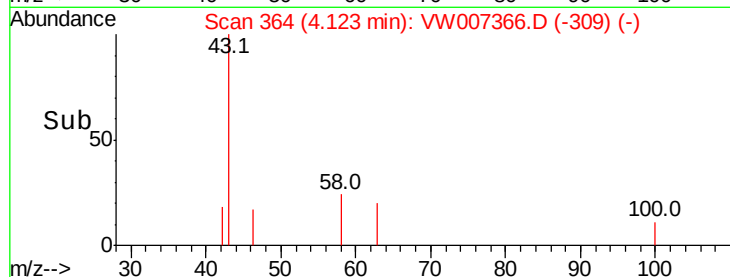
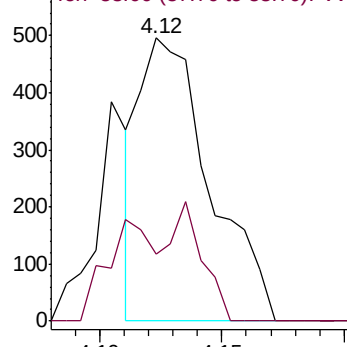
Ion Ratio Lower Upper

43 100

58 19.5 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW



#21

2-Butanone

Concen: 2.260 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW007366.D

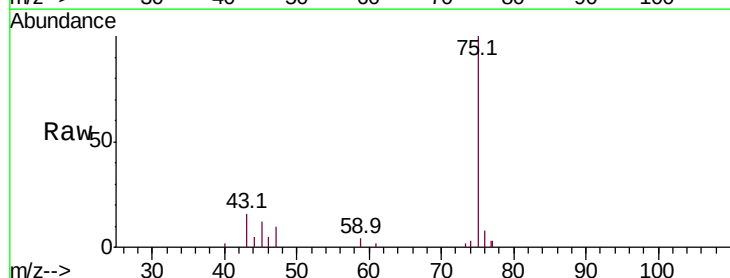
Acq: 10 Dec 2018 18:55

Tgt Ion: 43 Resp: 1492

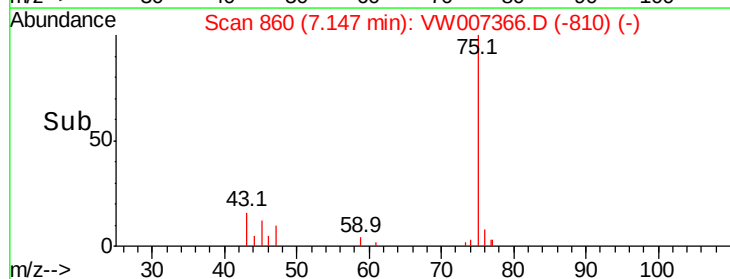
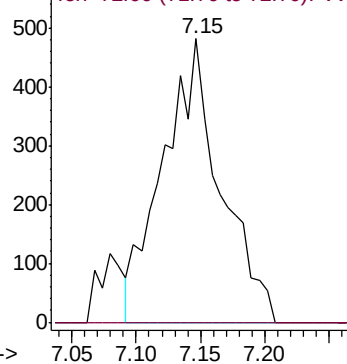
Ion Ratio Lower Upper

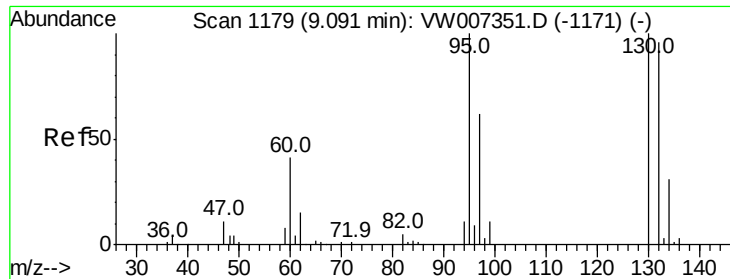
43 100

72 0.0 14.7 44.1#



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





#35

Trichloroethene

Concen: 2.322 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007366.D

Acq: 10 Dec 2018 18:55

Instrument :

MSVOA_W

ClientSampled :

Tot Ion: 95 Resp: 4067

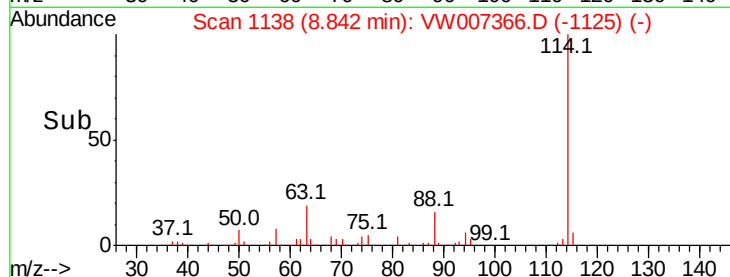
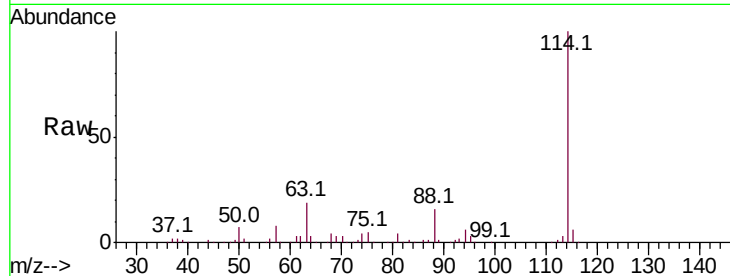
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

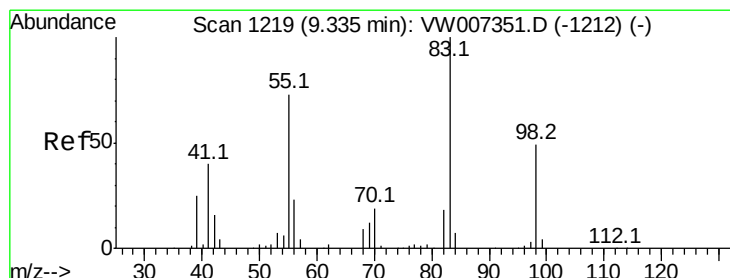
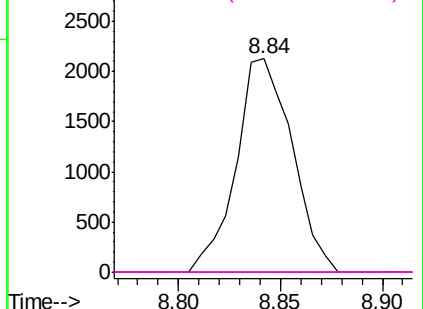


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.873 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007366.D

Acq: 10 Dec 2018 18:55

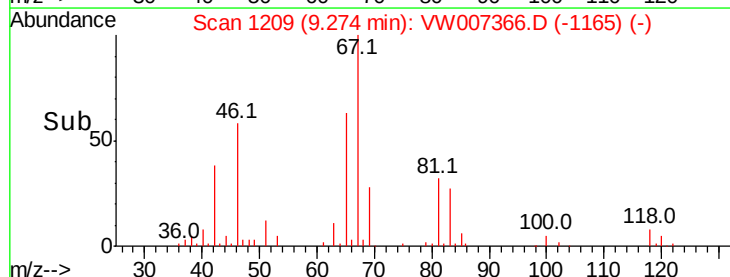
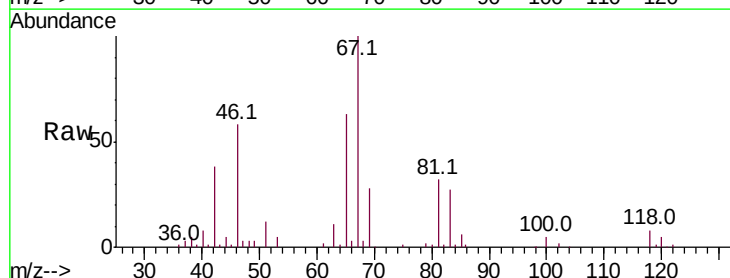
Tgt Ion: 83 Resp: 11710

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

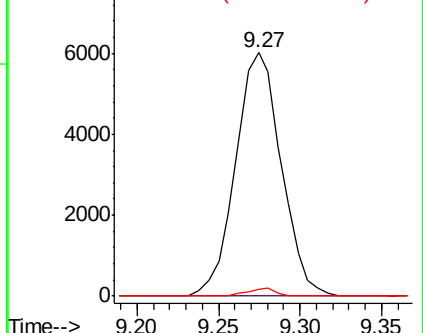
98 1.8 38.1 57.1#

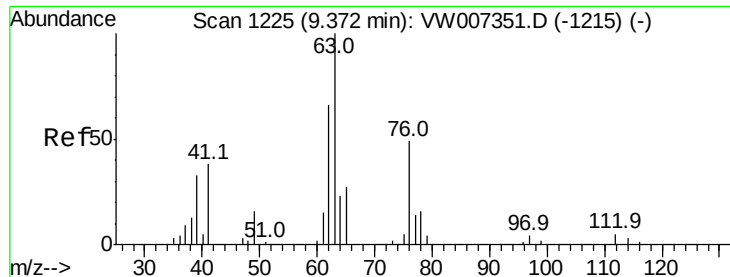


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

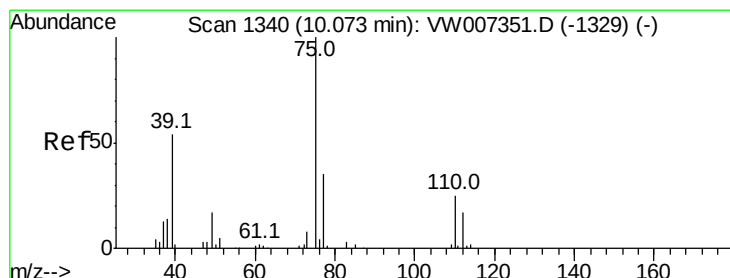
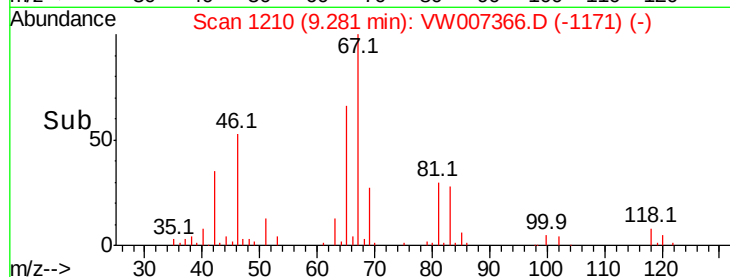
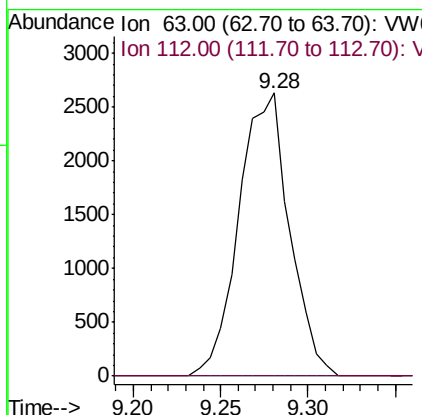
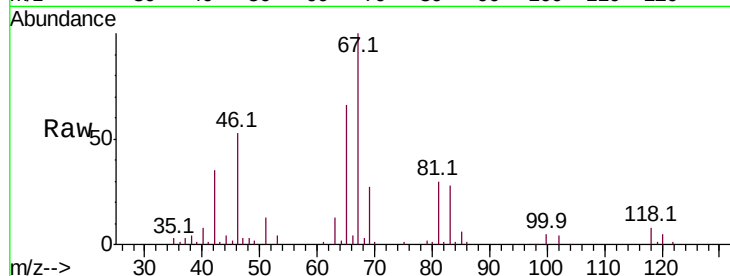




#40
 1,2-Dichloropropane
 Concen: 3.560 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW007366.D
 Acq: 10 Dec 2018 18:55

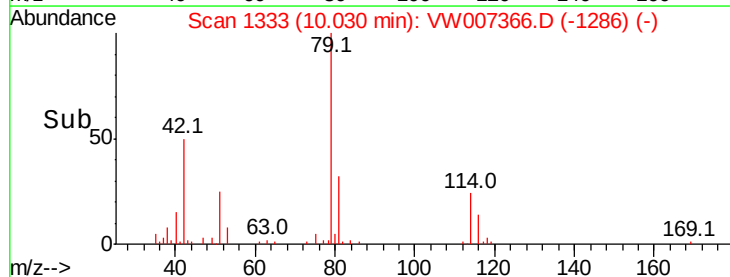
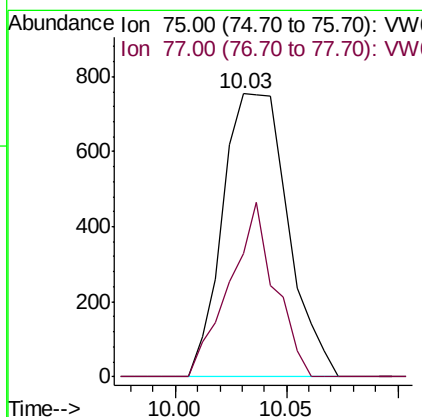
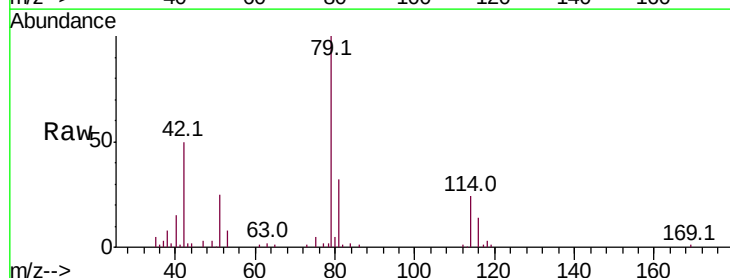
Instrument :
 MSVOA_W
 ClientSampled :

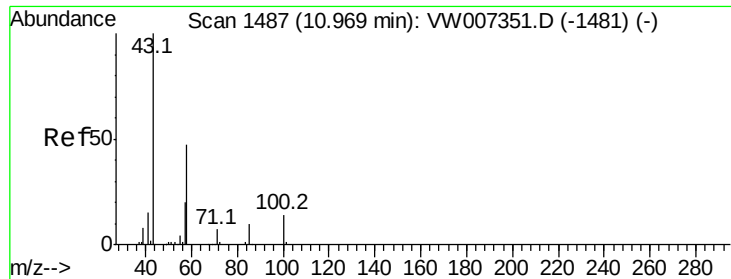
Tot Ion: 63 Resp: 5318
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.611 ug/L
 RT: 10.03 min Scan# 1333
 Delta R.T. -0.04 min
 Lab File: VW007366.D
 Acq: 10 Dec 2018 18:55

Tgt Ion: 75 Resp: 1532
 Ion Ratio Lower Upper
 75 100
 77 43.6 23.0 42.6#





#49

2-Hexanone

Concen: 2.645 ug/L

RT: 10.92 min Scan# 1479

Delta R.T. -0.05 min

Lab File: VW007366.D

Acq: 10 Dec 2018 18:55

Instrument :

MSVOA_W

ClientSampleId :

Tot Ion: 43 Resp: 2198

Ion Ratio Lower Upper

43 100

58 22.7 47.2 70.8#

57 24.1 17.6 26.4

100 4.2 12.2 18.2#

