

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007346.D
 Acq On : 08 Dec 2018 09:55
 Operator : SY/AP
 Sample : J6270-15
 Misc : 6.29G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E14

Quant Time: Dec 10 05:55:57 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM120718S.M
 Quant Title : VOC Analysis
 QLast Update : Mon Dec 10 05:52:22 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	109986	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	86723	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	33810	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23645	33.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	132.04%
7) Chloroethane-d5	2.89	69	17355	28.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	114.40%
10) 1,1-Dichloroethene-d2	4.01	63	52265	21.15	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	84.60%
20) 2-Butanone-d5	7.07	46	14644	32.43	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.86%
24) Chloroform-d	7.65	84	69025	26.61	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	106.44%
26) 1,2-Dichloroethane-d4	8.31	65	43325	29.34	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	117.36%
29) Benzene-d6	8.27	84	136296	28.94	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	115.76%
33) 1,2-Dichloropropane-d6	9.27	67	39452	29.35	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	117.40%
37) Toluene-d8	10.32	98	119709	27.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	108.44%
38) trans-1,3-Dichloropropene-	10.58	79	14465	21.05	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	84.20%
39) 2-Hexanone-d5	10.93	63	10491	32.42	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	64.84%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	31246	25.51	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	102.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	31819	26.75	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	107.00%

Target Compounds

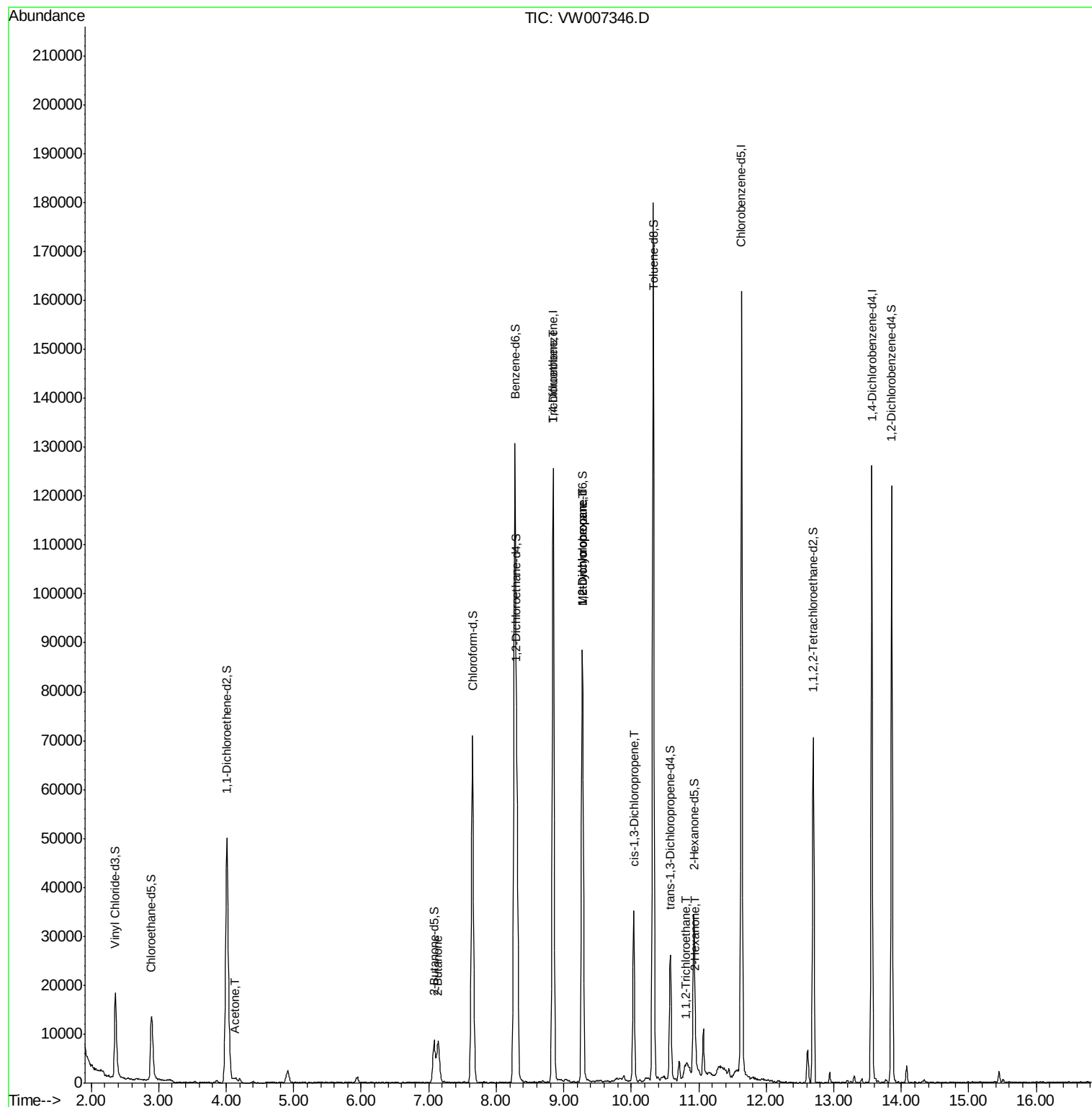
					Qvalue
13) Acetone	4.12	43	1181	2.249 ug/L	60
21) 2-Butanone	7.14	43	3059	5.420 ug/L #	45
35) Trichloroethene	8.84	95	3437	2.411 ug/L #	4
36) Methylcyclohexane	9.27	83	10429	4.238 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4520	3.717 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	930	0.455 ug/L	85
46) 1,1,2-Trichloroethane	10.80	97	385	0.385 ug/L #	13
49) 2-Hexanone	10.95	43	1427	2.110 ug/L #	39

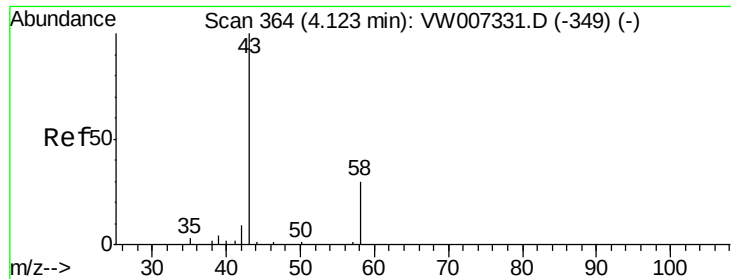
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Acetone

Concen: 2.249 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007346.D

Acq: 08 Dec 2018 09:55

Instrument :

MSVOA_W

ClientSampled :

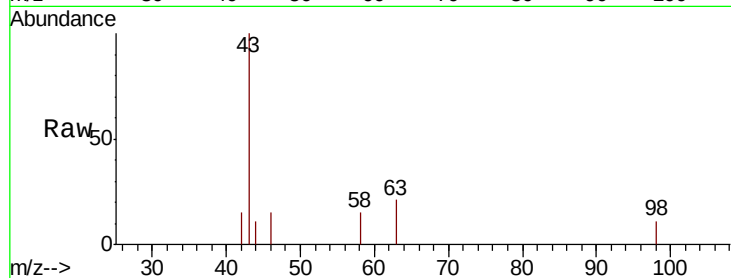
F9E14

Tgt Ion: 43 Resp: 1181

Ion Ratio Lower Upper

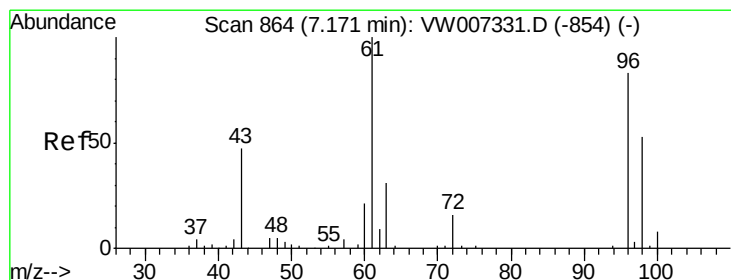
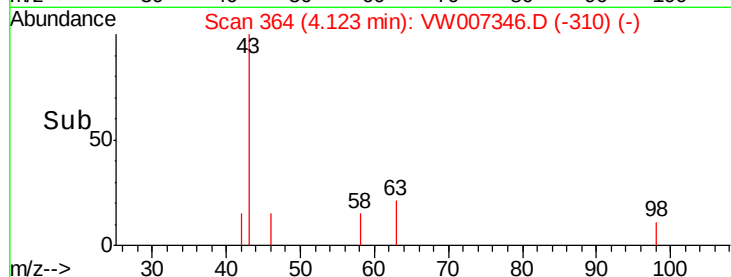
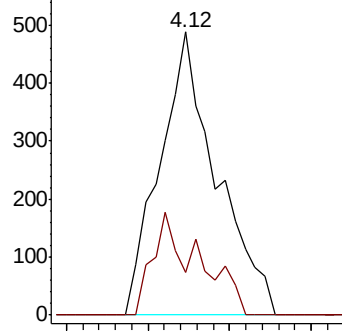
43 100

58 8.2 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: 5.420 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007346.D

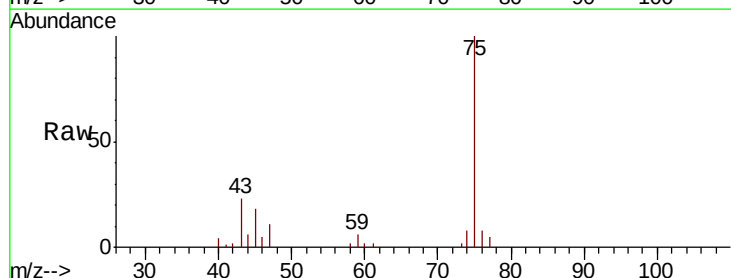
Acq: 08 Dec 2018 09:55

Tgt Ion: 43 Resp: 3059

Ion Ratio Lower Upper

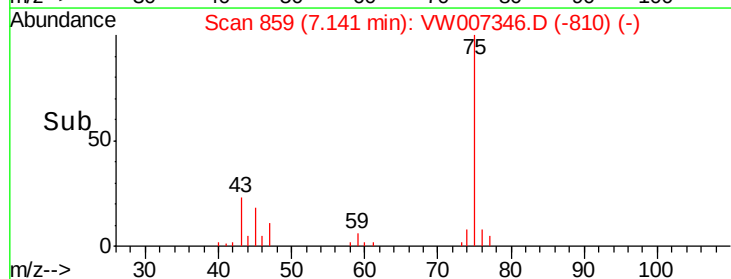
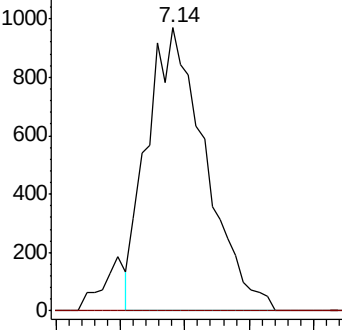
43 100

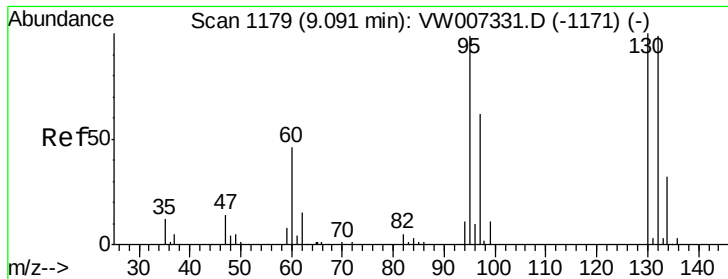
72 0.0 14.7 44.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

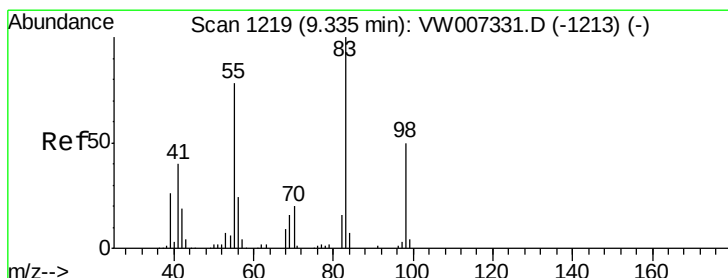
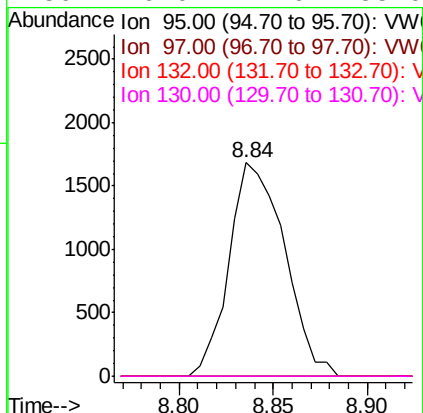
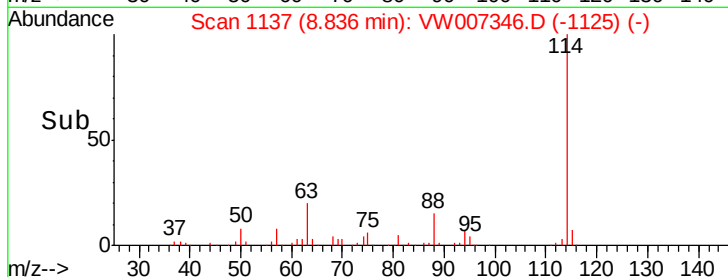
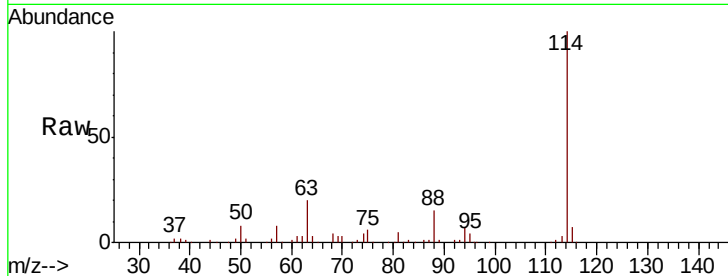




#35
 Trichloroethene
 Concen: 2.411 ug/L
 RT: 8.84 min Scan# 1137
 Delta R.T. -0.26 min
 Lab File: VW007346.D
 Acq: 08 Dec 2018 09:55

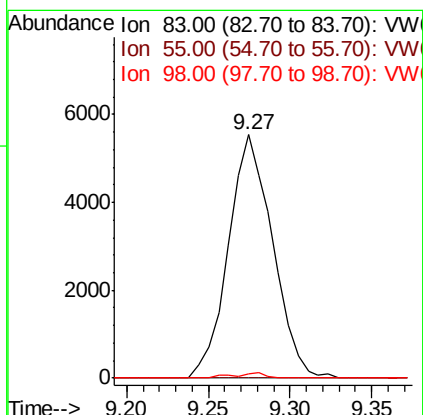
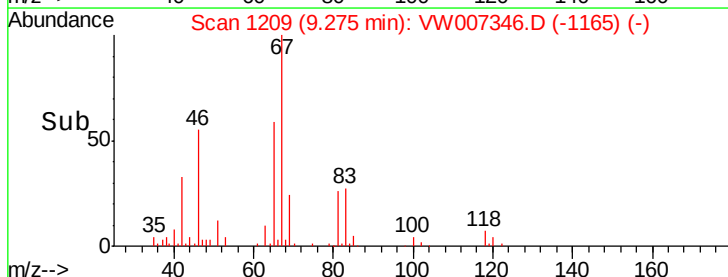
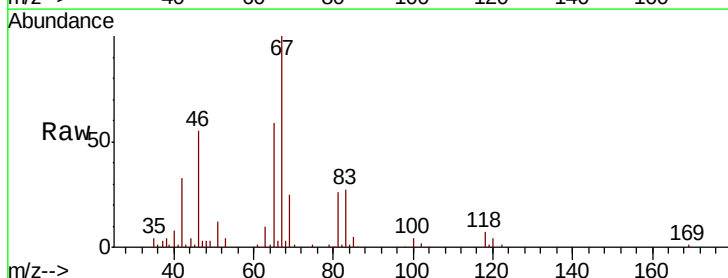
Instrument :
 MSVOA_W
 ClientSampled :
 F9E14

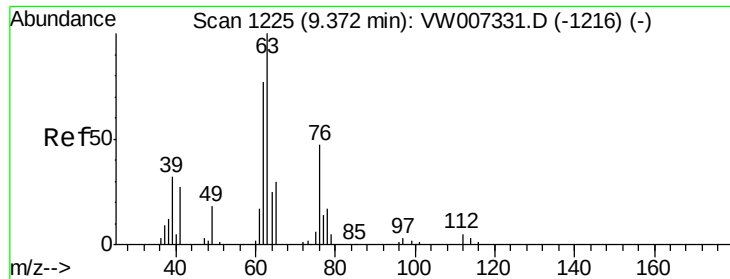
Tgt Ion: 95 Resp: 3437
 Ion Ratio Lower Upper
 95 100
 97 0.0 45.8 85.0#
 132 0.0 68.0 126.4#
 130 0.0 71.6 133.0#



#36
 Methylcyclohexane
 Concen: 4.238 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.06 min
 Lab File: VW007346.D
 Acq: 08 Dec 2018 09:55

Tgt Ion: 83 Resp: 10429
 Ion Ratio Lower Upper
 83 100
 55 0.0 59.4 89.2#
 98 1.0 38.1 57.1#





#40

1,2-Dichloropropane

Concen: 3.717 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.10 min

Lab File: VW007346.D

Acq: 08 Dec 2018 09:55

Instrument :

MSVOA_W

ClientSampleId :

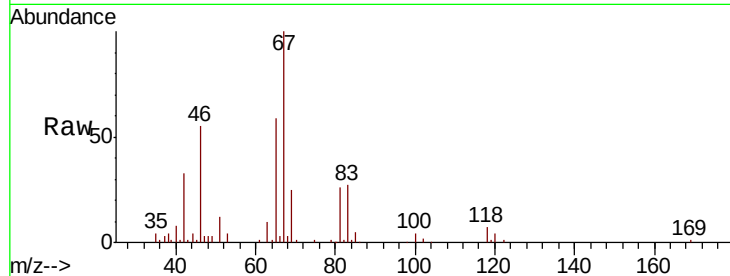
F9E14

Tgt Ion: 63 Resp: 4520

Ion Ratio Lower Upper

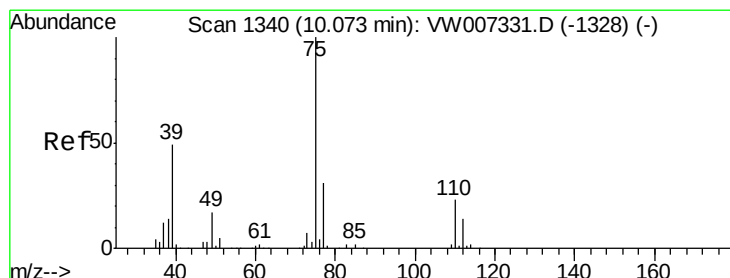
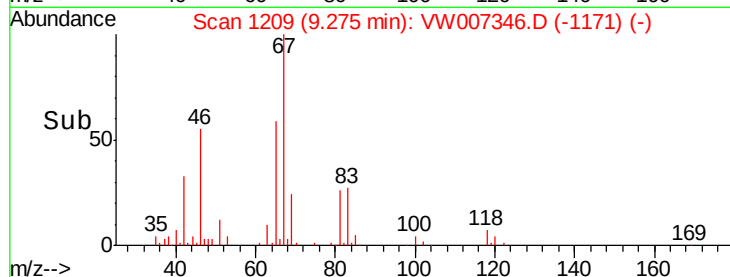
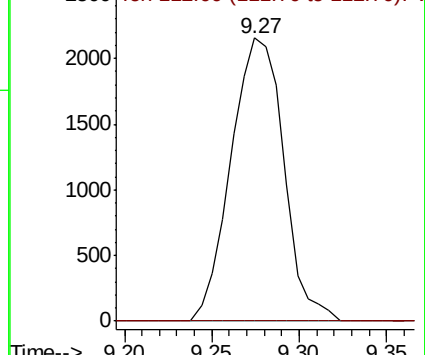
63 100

112 0.0 3.6 5.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): VW



#42

cis-1,3-Dichloropropene

Concen: 0.455 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW007346.D

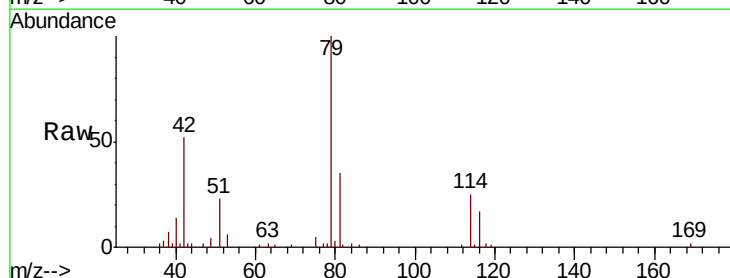
Acq: 08 Dec 2018 09:55

Tgt Ion: 75 Resp: 930

Ion Ratio Lower Upper

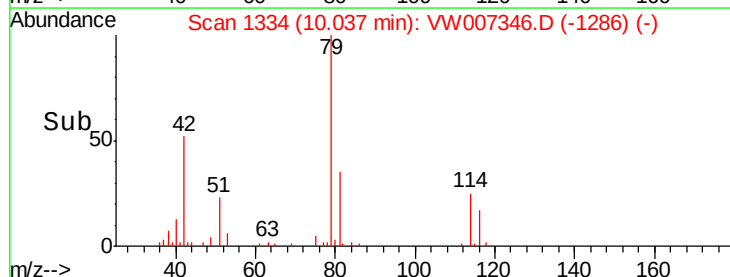
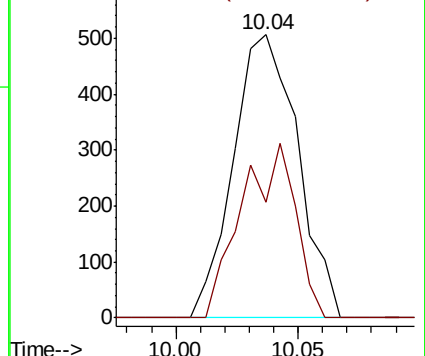
75 100

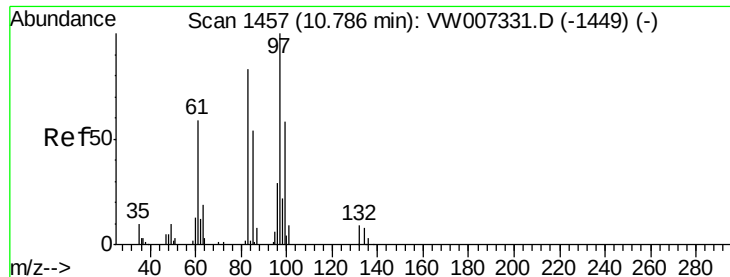
77 41.1 23.0 42.6



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

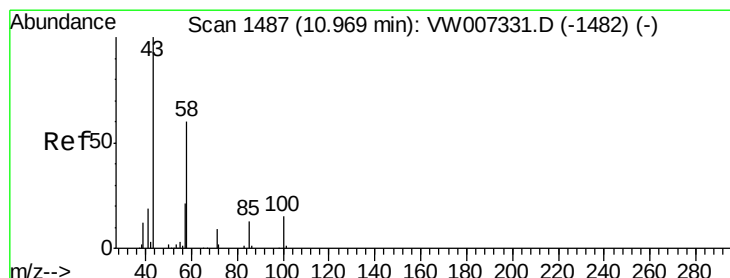
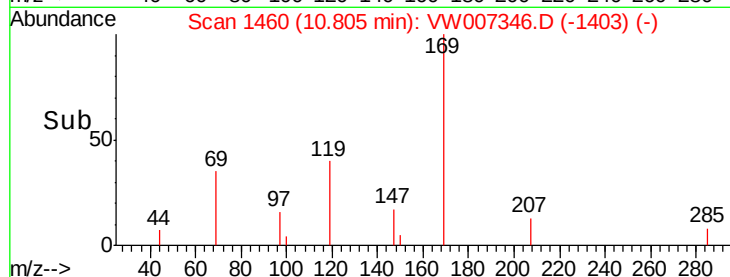
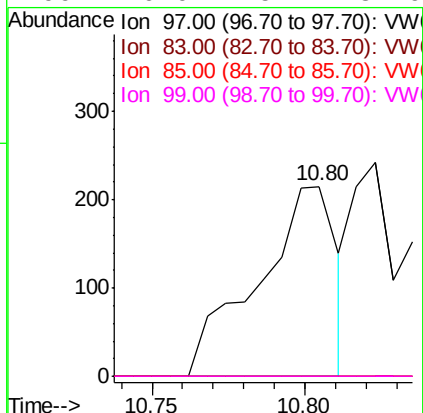
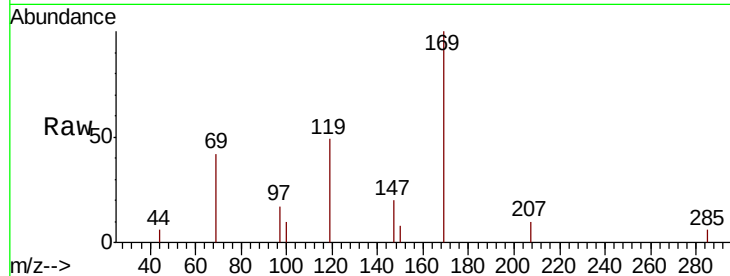




#46
 1,1,2-Trichloroethane
 Concen: 0.385 ug/L
 RT: 10.80 min Scan# 1460
 Delta R.T. 0.02 min
 Lab File: VW007346.D
 Acq: 08 Dec 2018 09:55

Instrument :
 MSVOA_W
 ClientSampled :
 F9E14

Tgt Ion:	97	Resp:	385
Ion	Ratio	Lower	Upper
97	100		
83	0.0	61.2	113.8#
85	0.0	42.5	78.9#
99	0.0	45.7	84.9#



#49
 2-Hexanone
 Concen: 2.110 ug/L
 RT: 10.95 min Scan# 1484
 Delta R.T. -0.02 min
 Lab File: VW007346.D
 Acq: 08 Dec 2018 09:55

Tgt Ion:	43	Resp:	1427
Ion	Ratio	Lower	Upper
43	100		
58	0.0	47.2	70.8#
57	0.0	17.6	26.4#
100	9.4	12.2	18.2#

