

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007343.D
 Acq On : 08 Dec 2018 08:37
 Operator : SY/AP
 Sample : J6270-12
 Misc : 6.21G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E11

Quant Time: Dec 10 05:55:39 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	114426	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	99617	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.57	152	44595	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	23295	31.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	125.04%
7) Chloroethane-d5	2.89	69	17061	27.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	108.12%
10) 1,1-Dichloroethene-d2	4.01	63	52643	20.48	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	81.92%
20) 2-Butanone-d5	7.08	46	20368	43.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	86.72%
24) Chloroform-d	7.65	84	67035	24.84	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	99.36%
26) 1,2-Dichloroethane-d4	8.31	65	40813	26.57	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	106.28%
29) Benzene-d6	8.27	84	136187	25.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	100.68%
33) 1,2-Dichloropropane-d6	9.27	67	37841	24.51	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	98.04%
37) Toluene-d8	10.32	98	127509	25.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.56%
38) trans-1,3-Dichloropropene-	10.58	79	17237	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	87.36%
39) 2-Hexanone-d5	10.93	63	14870	40.01	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	80.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	32650	23.21	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	92.84%
61) 1,2-Dichlorobenzene-d4	13.86	152	40591	25.87	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	103.48%

Target Compounds

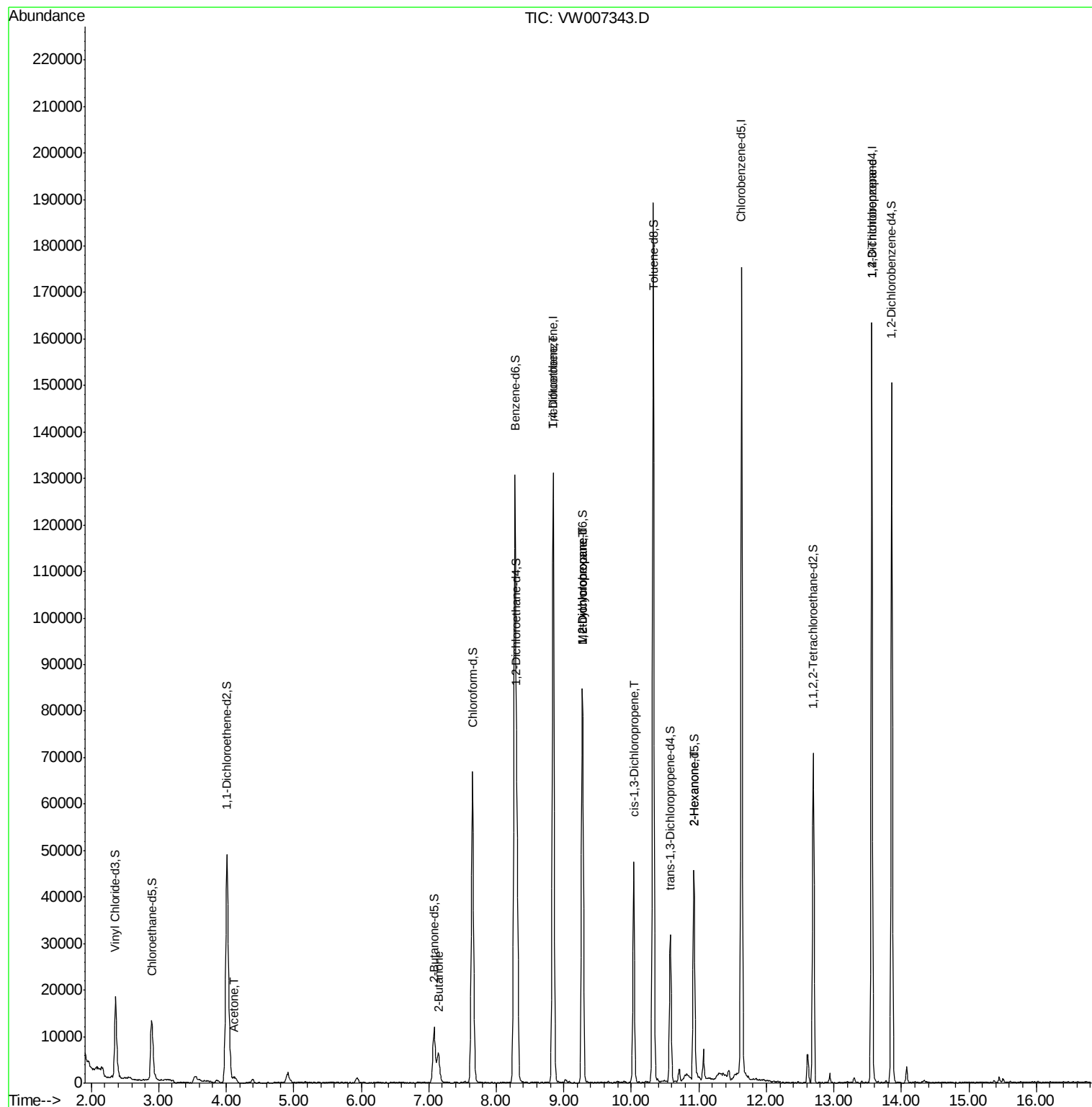
					Qvalue
13) Acetone	4.12	43	1794	3.284 ug/L	80
21) 2-Butanone	7.16	43	431	0.734 ug/L #	45
35) Trichloroethene	8.84	95	3714	2.268 ug/L #	4
36) Methylcyclohexane	9.27	83	10050	3.556 ug/L #	19
40) 1,2-Dichloropropane	9.27	63	4440	3.179 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1213	0.517 ug/L	85
49) 2-Hexanone	10.93	43	2415	3.108 ug/L #	57
59) 1,2,3-Trichloropropane	13.56	75	4858	4.305 ug/L	93

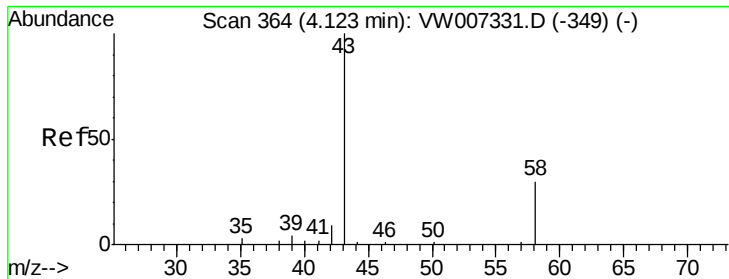
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 3.284 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.00 min

Lab File: VW007343.D

Acq: 08 Dec 2018 08:37

Instrument :

MSVOA_W

ClientSampleId :

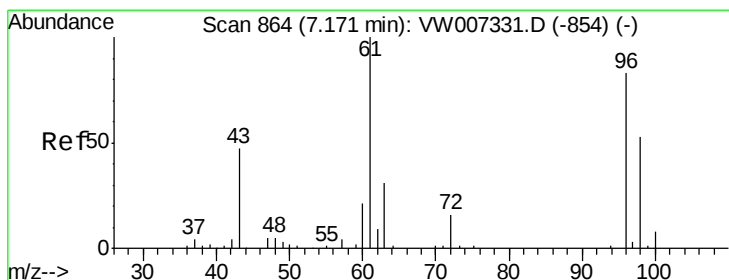
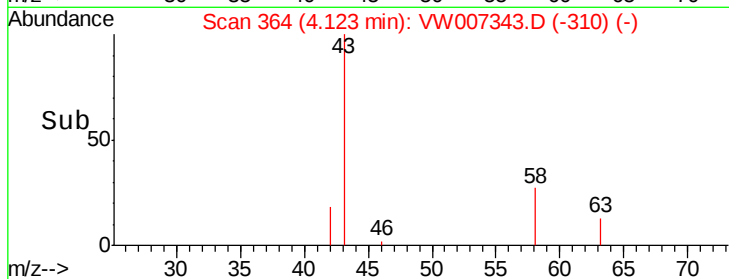
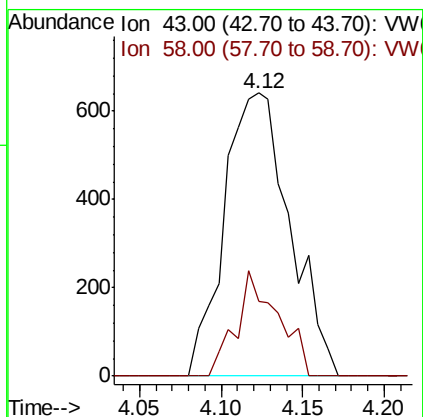
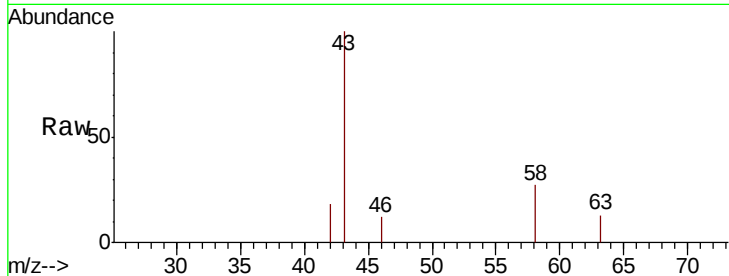
F9E11

Tgt Ion: 43 Resp: 1794

Ion Ratio Lower Upper

43 100

58 18.6 0.0 59.2



#21

2-Butanone

Concen: 0.734 ug/L

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: VW007343.D

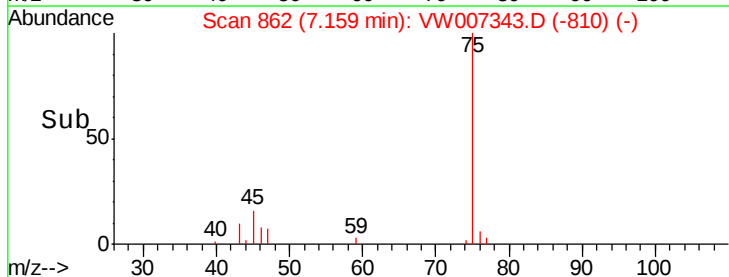
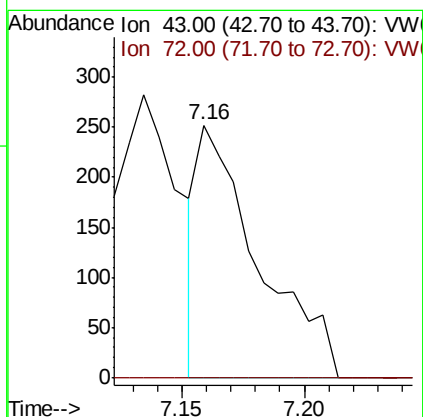
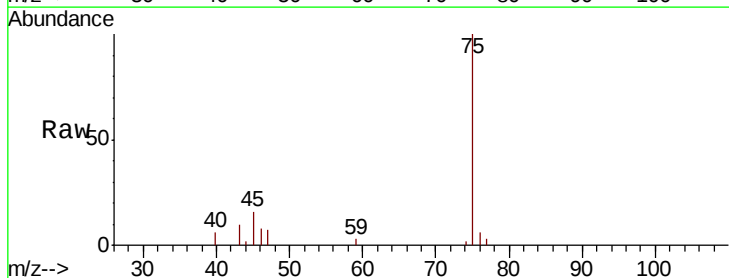
Acq: 08 Dec 2018 08:37

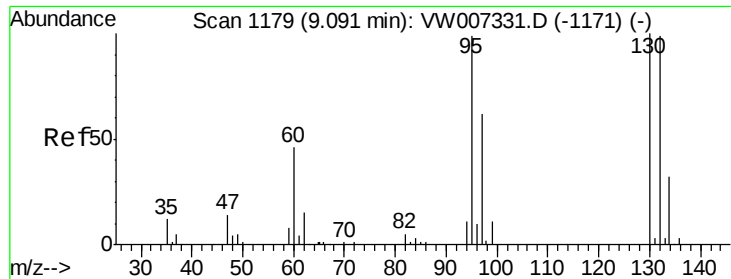
Tgt Ion: 43 Resp: 431

Ion Ratio Lower Upper

43 100

72 0.0 14.7 44.1#





#35

Trichloroethene

Concen: 2.268 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007343.D

Acq: 08 Dec 2018 08:37

Instrument :

MSVOA_W

ClientSampleId :

F9E11

Tgt Ion: 95 Resp: 3714

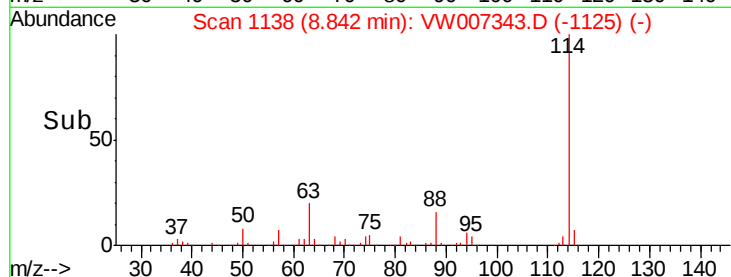
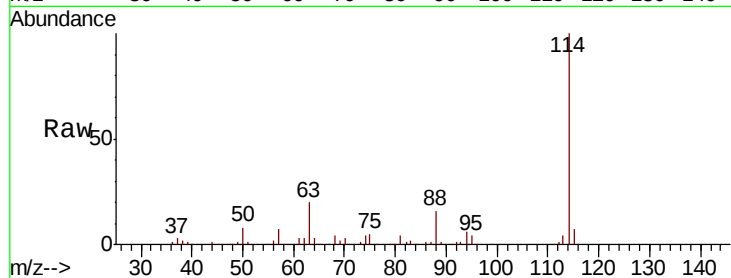
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

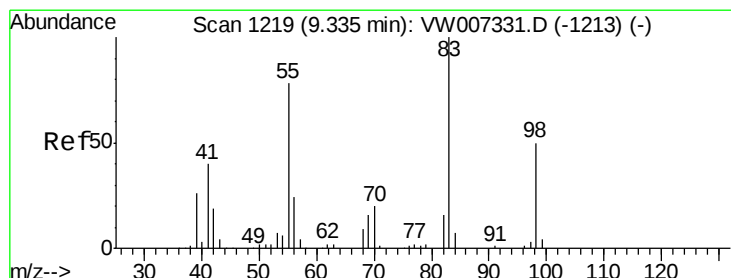
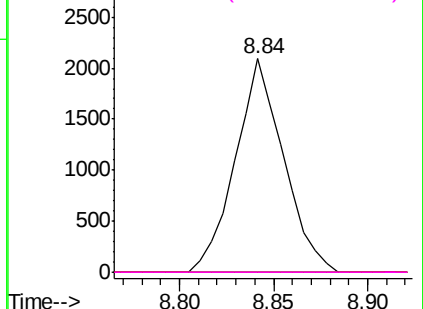


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.556 ug/L

RT: 9.27 min Scan# 1209

Delta R.T. -0.06 min

Lab File: VW007343.D

Acq: 08 Dec 2018 08:37

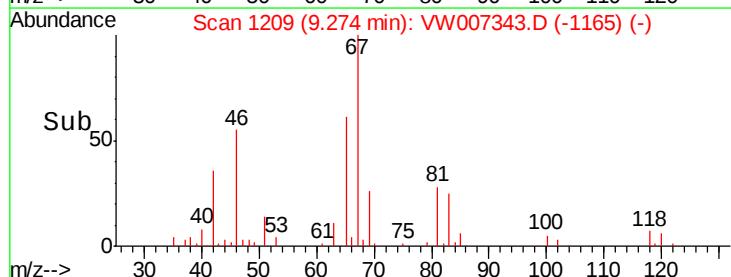
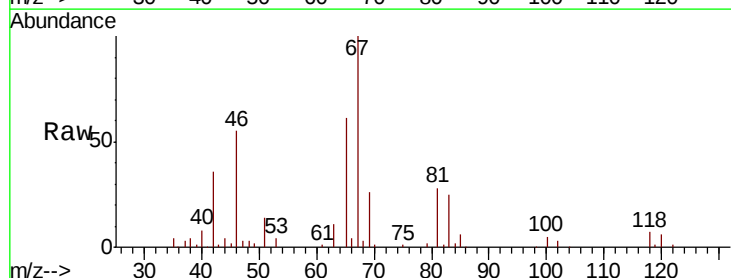
Tgt Ion: 83 Resp: 10050

Ion Ratio Lower Upper

83 100

55 0.0 59.4 89.2#

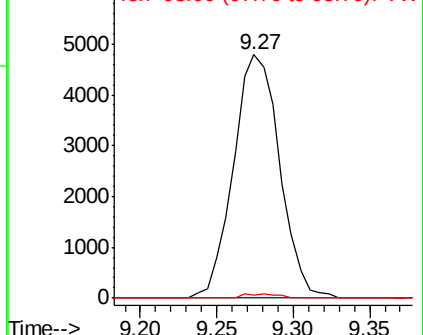
98 0.7 38.1 57.1#

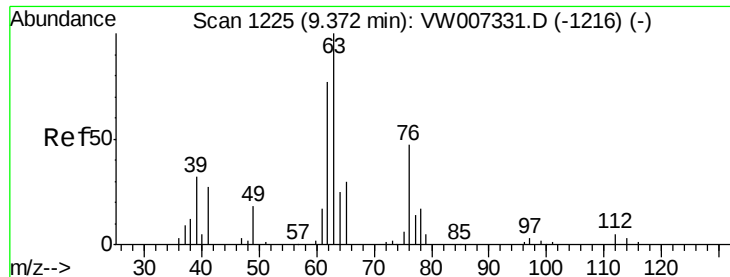


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

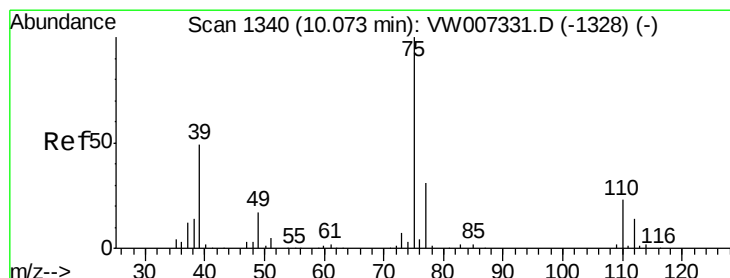
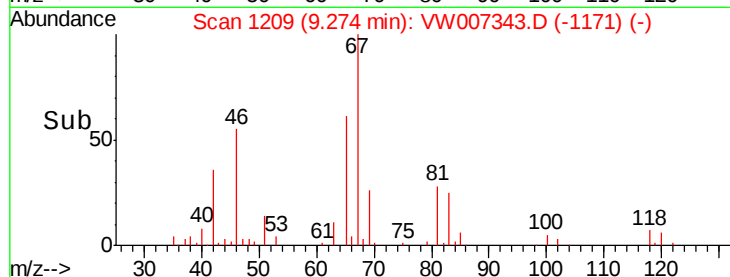
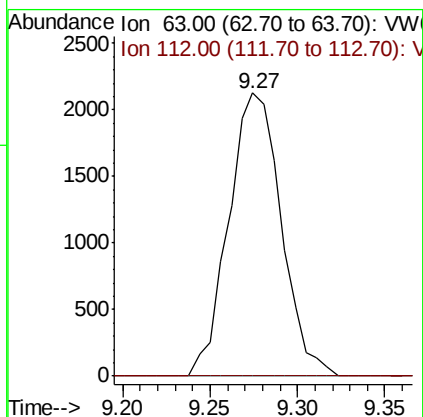
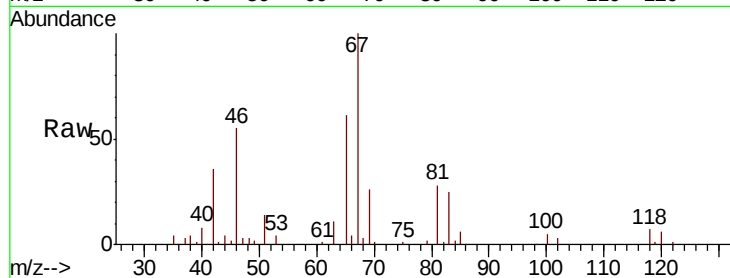




#40
 1,2-Dichloropropane
 Concen: 3.179 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW007343.D
 Acq: 08 Dec 2018 08:37

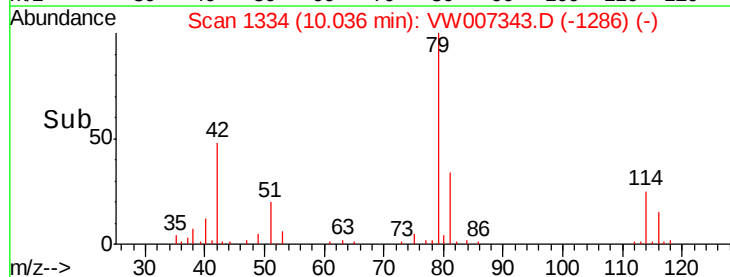
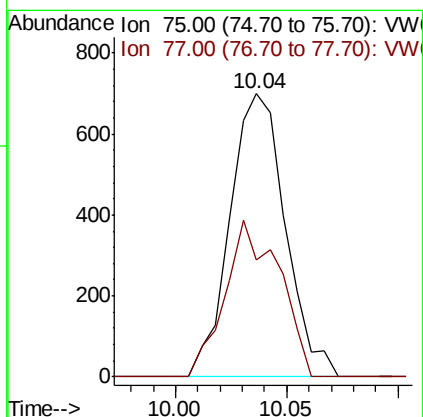
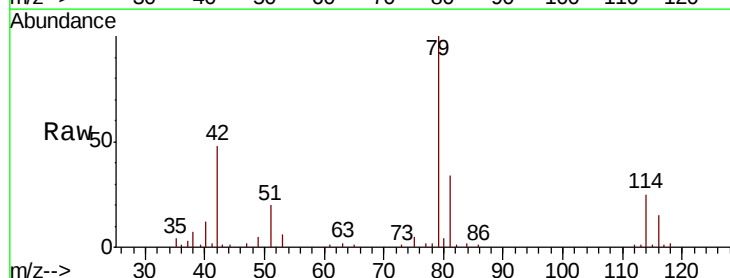
Instrument :
 MSVOA_W
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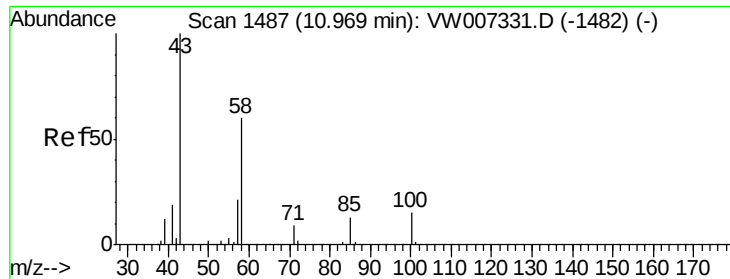
Tgt Ion: 63 Resp: 4440
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.517 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007343.D
 Acq: 08 Dec 2018 08:37

Tgt Ion: 75 Resp: 1213
 Ion Ratio Lower Upper
 75 100
 77 41.3 23.0 42.6





#49

2-Hexanone

Concen: 3.108 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW007343.D

Acq: 08 Dec 2018 08:37

Instrument :

MSVOA_W

ClientSampleId :

F9E11

Tgt Ion: 43 Resp: 2415

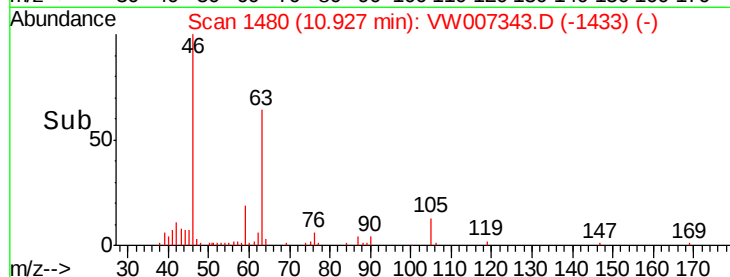
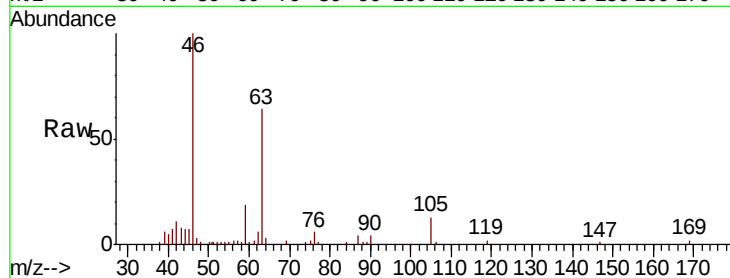
Ion Ratio Lower Upper

43 100

58 16.6 47.2 70.8#

57 15.8 17.6 26.4#

100 2.3 12.2 18.2#

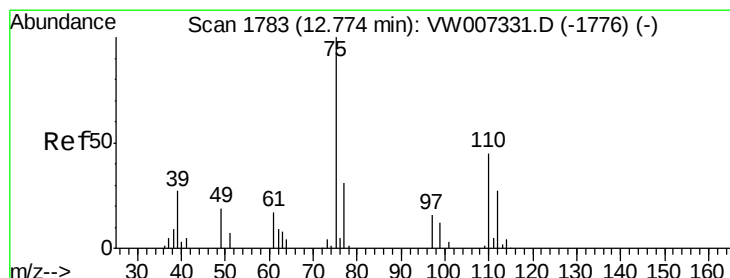
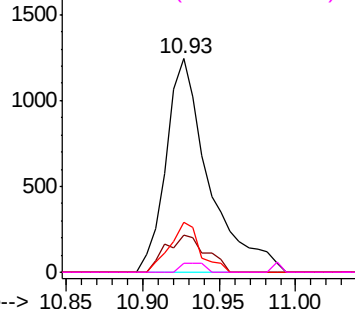


Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW



#59

1,2,3-Trichloropropane

Concen: 4.305 ug/L

RT: 13.56 min Scan# 1912

Delta R.T. 0.79 min

Lab File: VW007343.D

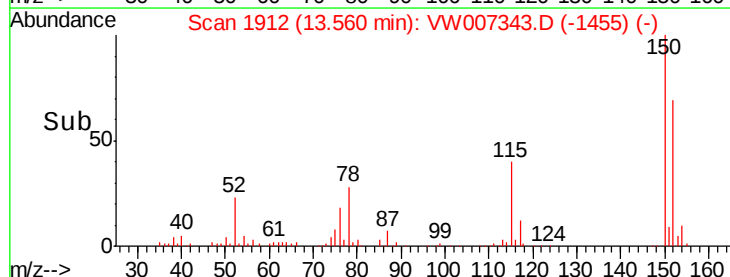
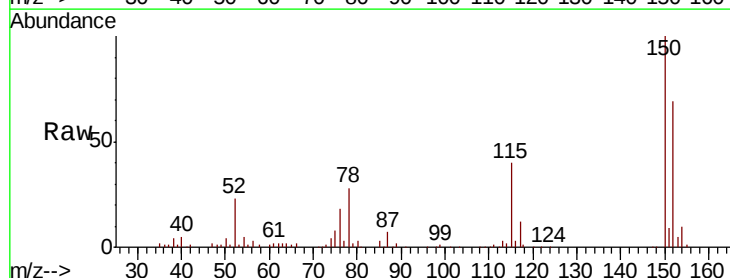
Acq: 08 Dec 2018 08:37

Tgt Ion: 75 Resp: 4858

Ion Ratio Lower Upper

75 100

77 37.3 26.5 39.7



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

