

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_W\DATA\VW120718\
 Data File : VW007344.D
 Acq On : 08 Dec 2018 09:03
 Operator : SY/AP
 Sample : J6270-13
 Misc : 6.06G/10ML/MSVOA_W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F9E12

Quant Time: Dec 10 05:55:45 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	126178	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	101915	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	35418	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	28551	34.74	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	138.96%
7) Chloroethane-d5	2.90	69	21081	30.29	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	121.16%
10) 1,1-Dichloroethene-d2	4.01	63	65306	23.04	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	92.16%
20) 2-Butanone-d5	7.07	46	10789	20.83	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.66%
24) Chloroform-d	7.65	84	88216	29.64	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	118.56%
26) 1,2-Dichloroethane-d4	8.31	65	53881	31.81	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	127.24%
29) Benzene-d6	8.27	84	174352	31.50	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	126.00%
33) 1,2-Dichloropropane-d6	9.27	67	50742	32.12	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	128.48%#
37) Toluene-d8	10.32	98	156713	30.20	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	120.80%
38) trans-1,3-Dichloropropene-	10.58	79	16157	20.01	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	80.04%
39) 2-Hexanone-d5	10.93	63	7969	20.96	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	41.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	35368	24.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	98.28%
61) 1,2-Dichlorobenzene-d4	13.86	152	37309	29.94	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	119.76%

Target Compounds

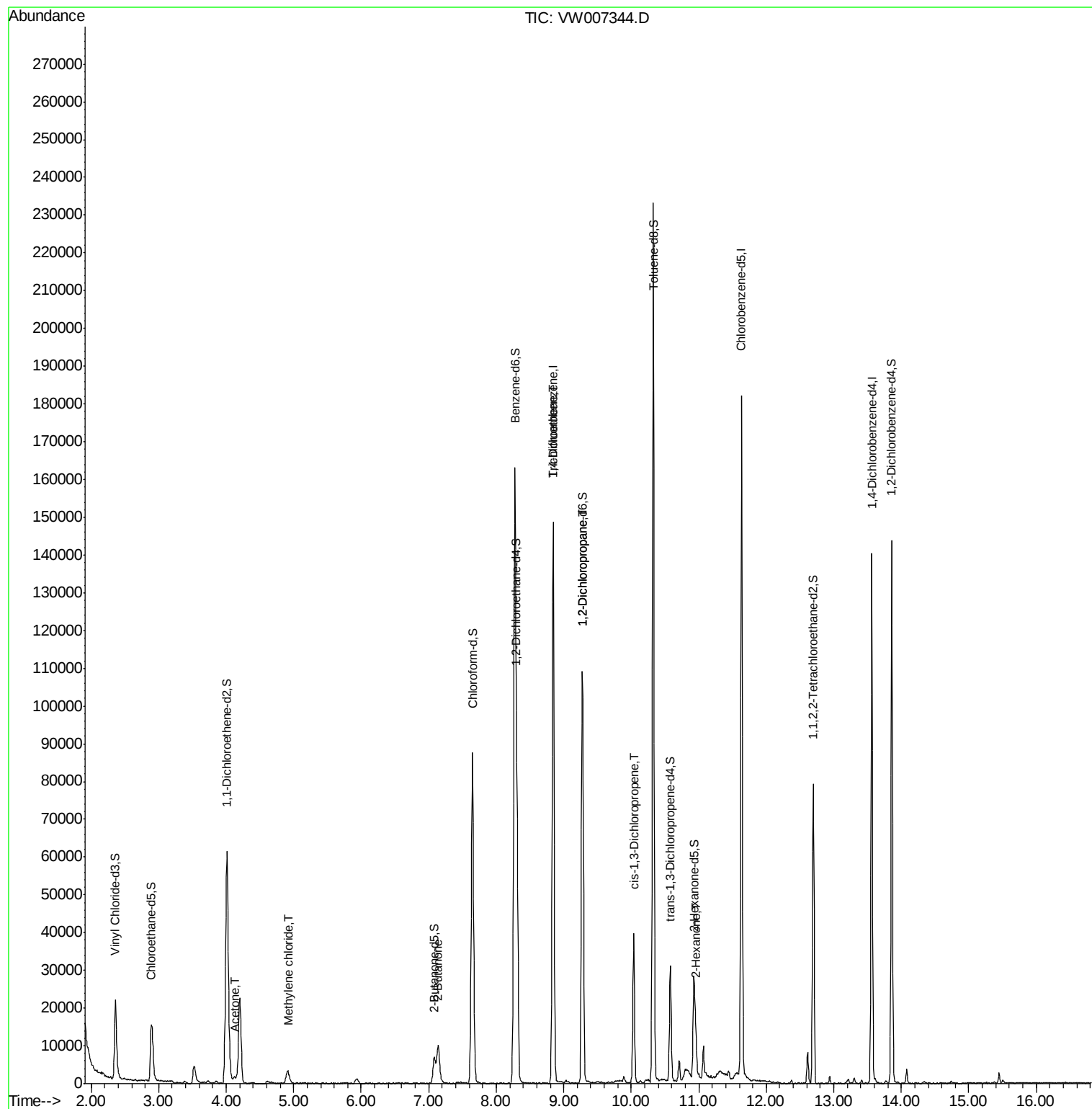
					Qvalue
13) Acetone	4.12	43	2353	3.906 ug/L	91
16) Methylene chloride	4.92	84	2967	1.455 ug/L	84
21) 2-Butanone	7.14	43	6300	9.730 ug/L #	48
35) Trichloroethene	8.84	95	3901	2.329 ug/L #	4
40) 1,2-Dichloropropane	9.28	63	5963	4.173 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	1154	0.481 ug/L #	53
49) 2-Hexanone	10.96	43	7258	9.131 ug/L #	39

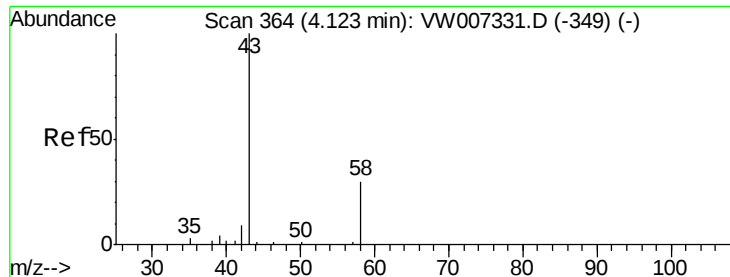
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : VOC Analysis
QLast Update : Mon Dec 10 05:52:22 2018
Response via : Initial Calibration





#13

Acetone

Concen: 3.906 ug/L

RT: 4.12 min Scan# 364

Delta R.T. 0.00 min

Lab File: VW007344.D

Acq: 08 Dec 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

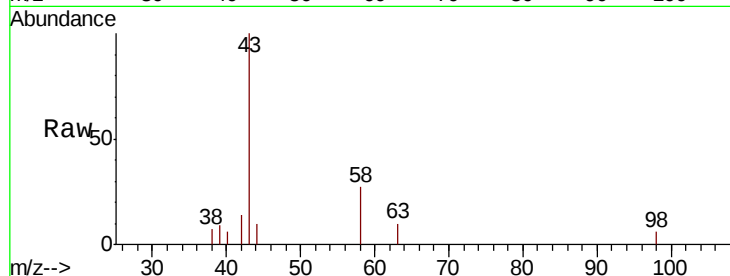
F9E12

Tgt Ion: 43 Resp: 2353

Ion Ratio Lower Upper

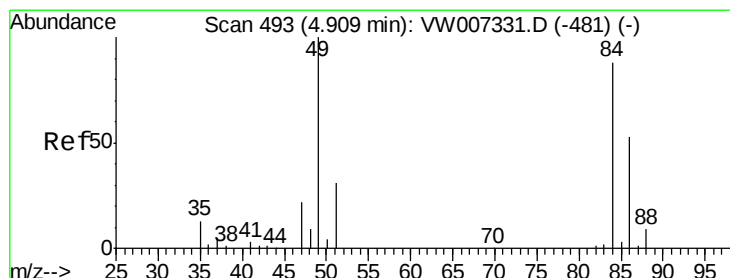
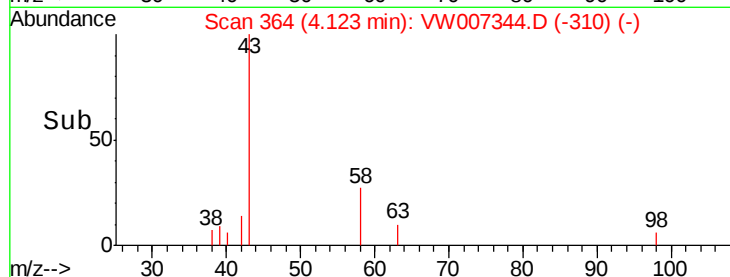
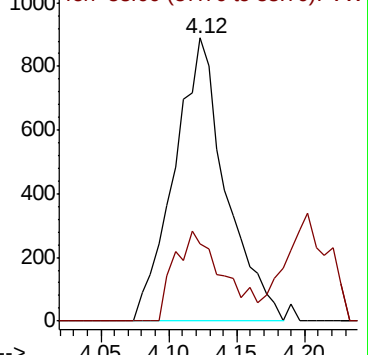
43 100

58 24.7 0.0 59.2



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#16

Methylene chloride

Concen: 1.455 ug/L

RT: 4.92 min Scan# 494

Delta R.T. 0.01 min

Lab File: VW007344.D

Acq: 08 Dec 2018 09:03

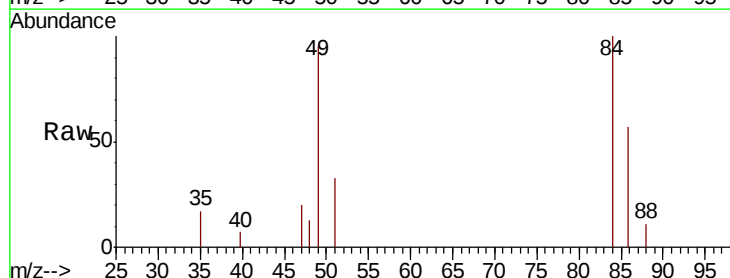
Tgt Ion: 84 Resp: 2967

Ion Ratio Lower Upper

84 100

49 94.5 80.8 150.2

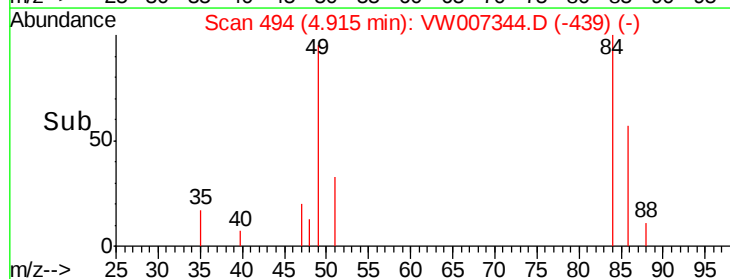
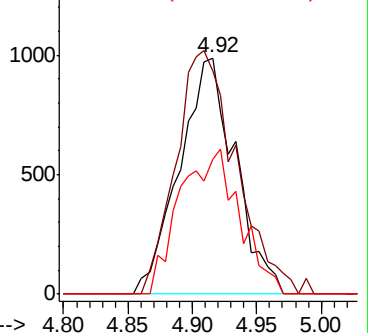
86 56.9 45.8 85.2

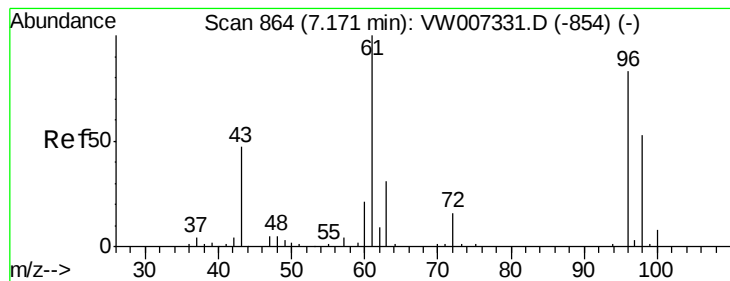


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 9.730 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW007344.D

Acq: 08 Dec 2018 09:03

Instrument :

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ClientSampleId :

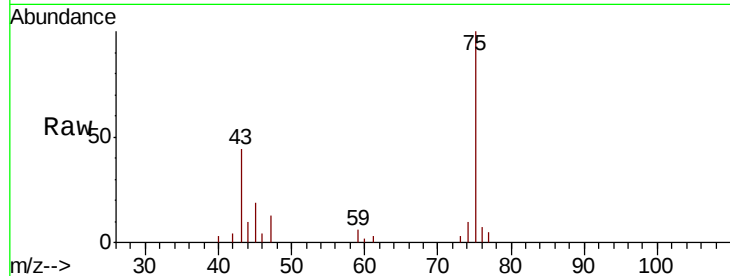
F9E12

Tgt Ion: 43 Resp: 6300

Ion Ratio Lower Upper

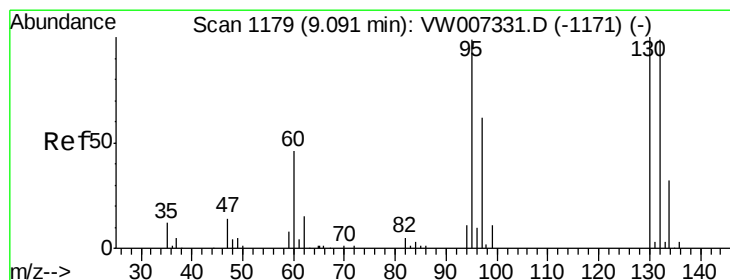
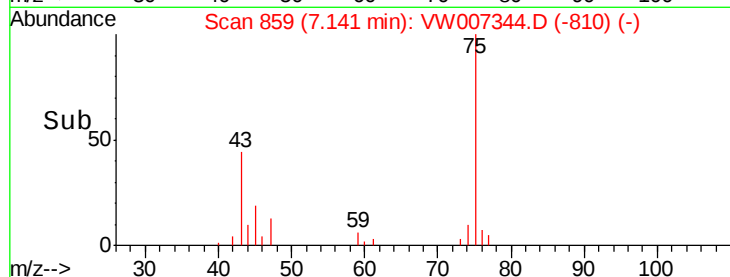
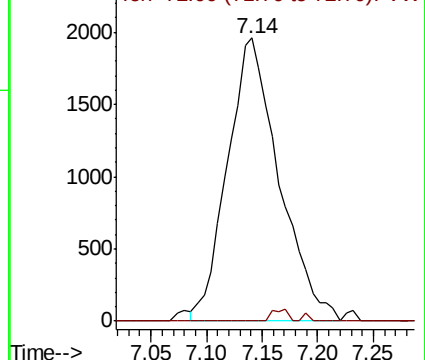
43 100

72 1.3 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: 2.329 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW007344.D

Acq: 08 Dec 2018 09:03

Tgt Ion: 95 Resp: 3901

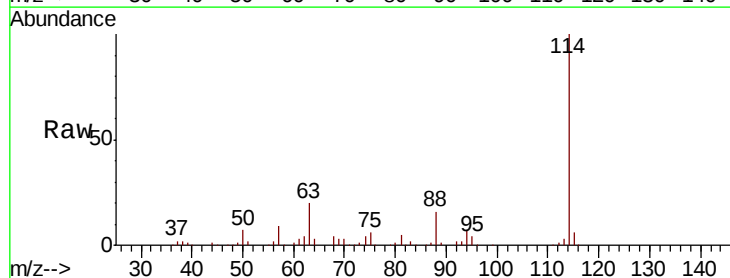
Ion Ratio Lower Upper

95 100

97 0.0 45.8 85.0#

132 0.0 68.0 126.4#

130 0.0 71.6 133.0#

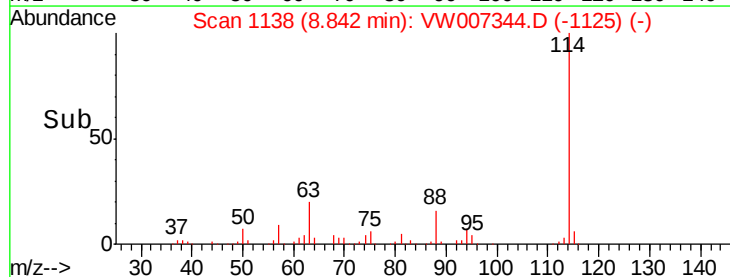
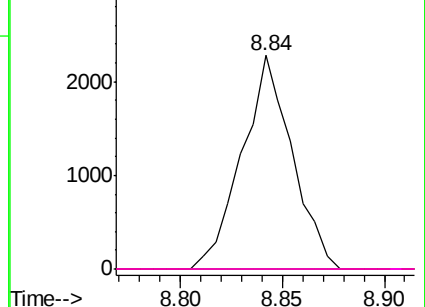


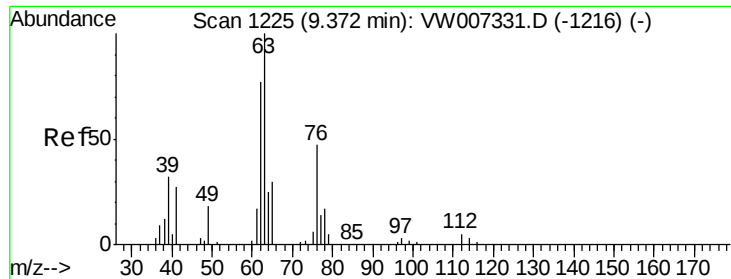
Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): V

Ion 130.00 (129.70 to 130.70): V

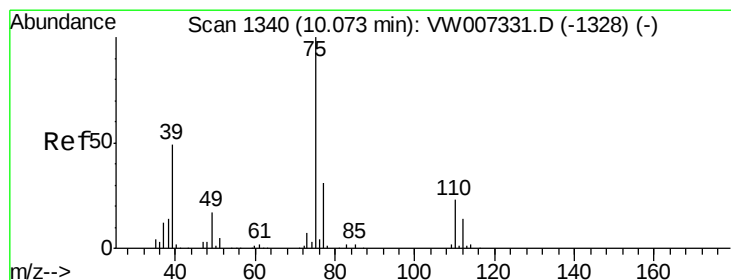
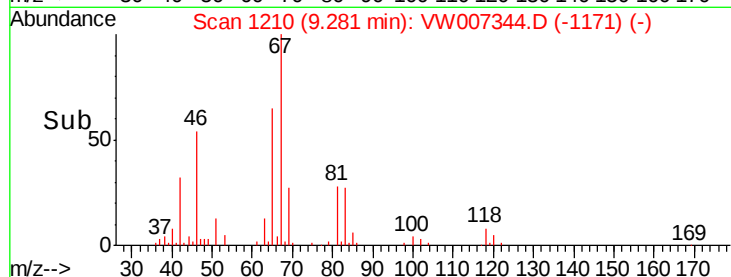
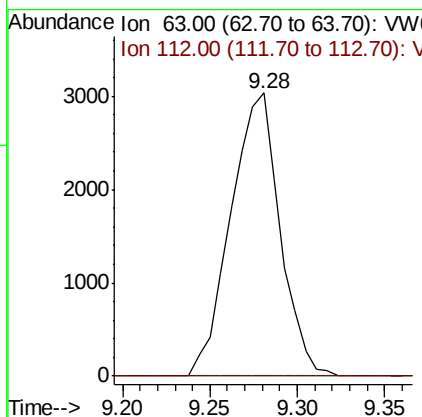
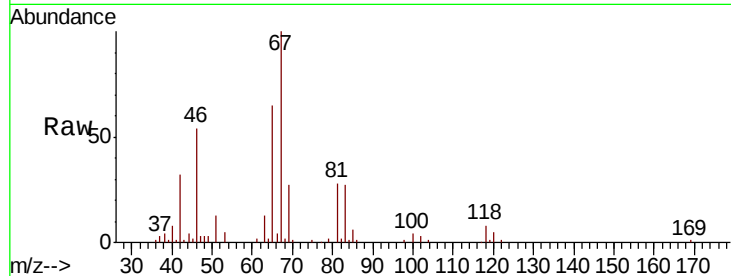




#40
 1,2-Dichloropropane
 Concen: 4.173 ug/L
 RT: 9.28 min Scan# 1210
 Delta R.T. -0.09 min
 Lab File: VW007344.D
 Acq: 08 Dec 2018 09:03

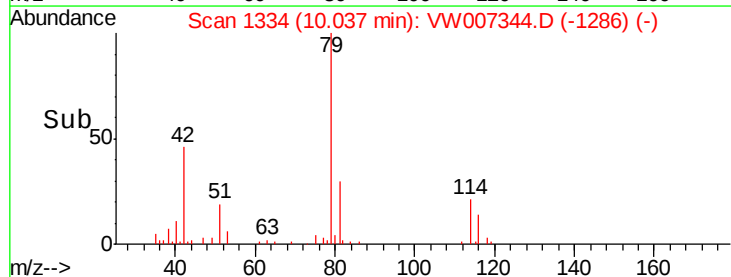
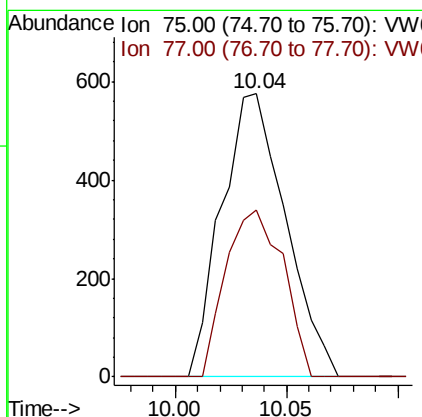
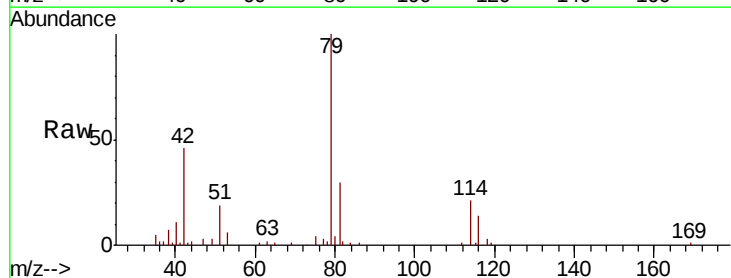
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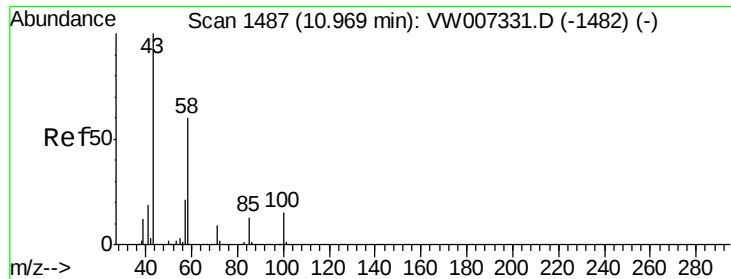
Tgt Ion: 63 Resp: 5963
 Ion Ratio Lower Upper
 63 100
 112 0.0 3.6 5.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.481 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW007344.D
 Acq: 08 Dec 2018 09:03

Tgt Ion: 75 Resp: 1154
 Ion Ratio Lower Upper
 75 100
 77 59.1 23.0 42.6#





#49

2-Hexanone

Concen: 9.131 ug/L

RT: 10.96 min Scan# 1485

Delta R.T. -0.01 min

Lab File: VW007344.D

Acq: 08 Dec 2018 09:03

Instrument :

MSVOA_W

ClientSampleId :

F9E12

Tgt Ion: 43 Resp: 7258

Ion Ratio Lower Upper

43 100

58 4.1 47.2 70.8#

57 0.0 17.6 26.4#

100 1.8 12.2 18.2#

