

Data File : VW017333.D
Acq On : 18 Nov 2020 17:31
Operator : SY/VA
Sample : L4711-17RE
Misc : 5.28G/10ML/MSVOA_W/SOIL
ALS Vial : 17 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AW9

Quant Time: Nov 19 05:06:05 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Thu Nov 19 05:03:18 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	401366	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	318155	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	100692	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	144412	24.30	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.20%
7) Chloroethane-d5	2.90	69	114520	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.02	63	186833	17.97	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	71.88%
20) 2-Butanone-d5	7.08	46	29202	29.92	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	59.84%
24) Chloroform-d	7.65	84	240499	22.81	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	91.24%
26) 1,2-Dichloroethane-d4	8.31	65	118803	23.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	93.28%
29) Benzene-d6	8.28	84	489985	27.32	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	109.28%
33) 1,2-Dichloropropane-d6	9.28	67	128492	26.89	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	107.56%
37) Toluene-d8	10.33	98	436790	25.87	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	103.48%
38) trans-1,3-Dichloropropene-	10.58	79	45162	21.71	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	86.84%
39) 2-Hexanone-d5	10.93	63	22110	34.51	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	69.02%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76110	21.02	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	84.08%
61) 1,2-Dichlorobenzene-d4	13.86	152	85313	22.95	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	91.80%

Target Compounds

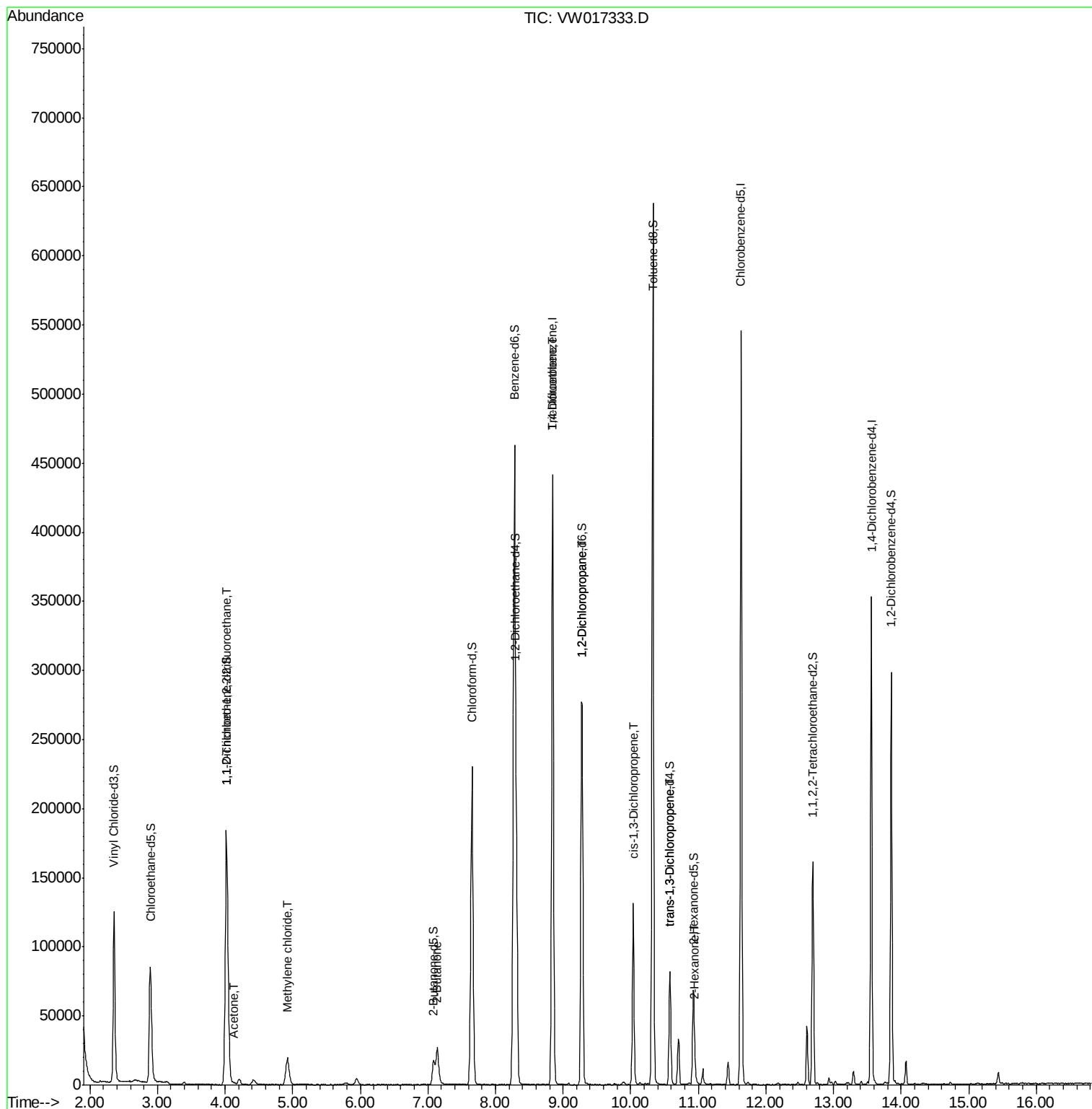
					Qvalue	
11) 1,1,2-Trichloro-1,2,2-trif	4.03	101	2159	0.393	ug/L #	16
13) Acetone	4.12	43	1509	2.119	ug/L	90
16) Methylene chloride	4.92	84	17779	2.590	ug/L	97
21) 2-Butanone	7.15	43	4153	3.805	ug/L #	44
35) Trichloroethene	8.85	95	11756	2.312	ug/L #	2
40) 1,2-Dichloropropane	9.28	63	15212	3.742	ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3476	0.551	ug/L #	71
45) trans-1,3-Dichloropropene	10.58	75	2020	0.378	ug/L	98
49) 2-Hexanone	10.95	43	3980	3.277	ug/L #	34

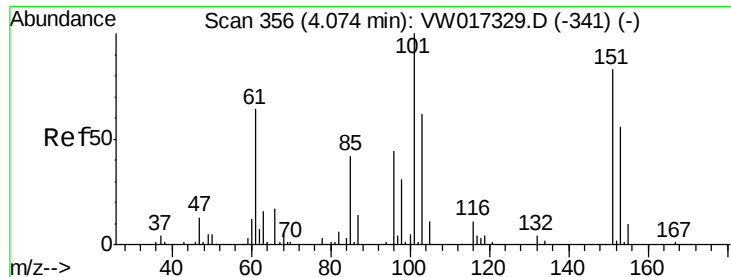
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#11

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 0.393 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.05 min

Lab File: VW017333.D

Acq: 18 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampled :

C0AW9

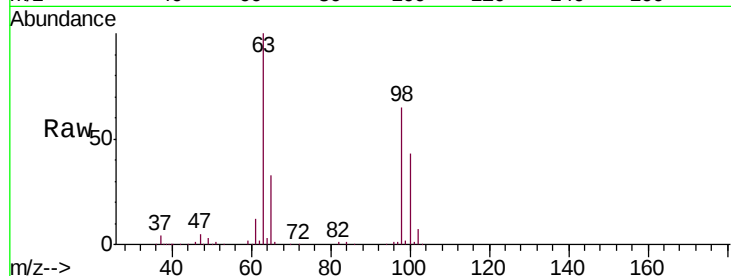
Tgt Ion: 101 Resp: 2159

Ion Ratio Lower Upper

101 100

85 0.0 34.6 51.8#

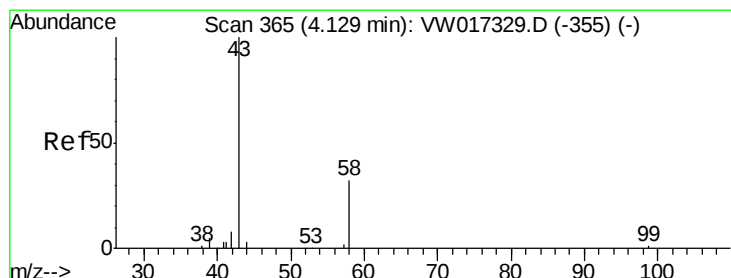
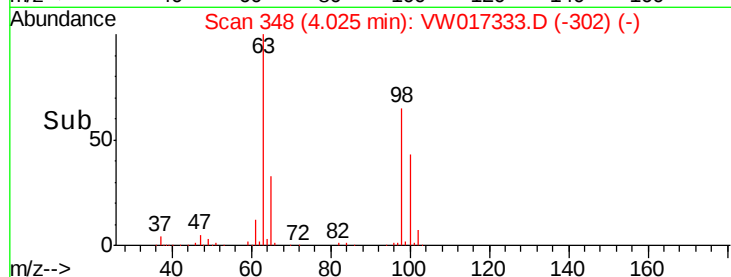
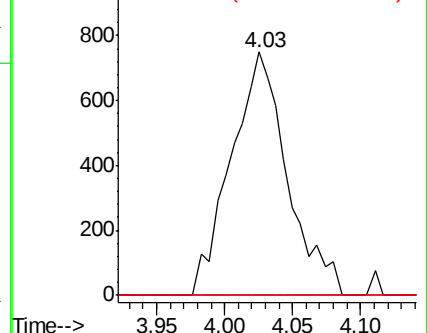
151 0.0 66.3 99.5#



Abundance Ion 101.00 (100.70 to 101.70): V

Ion 85.00 (84.70 to 85.70): VW

Ion 151.00 (150.70 to 151.70): V



#13

Acetone

Concen: 2.119 ug/L

RT: 4.12 min Scan# 364

Delta R.T. -0.01 min

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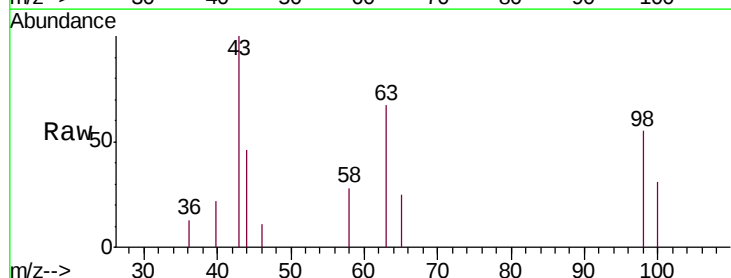
Acq: 18 Nov 2020 17:31

Tgt Ion: 43 Resp: 1509

Ion Ratio Lower Upper

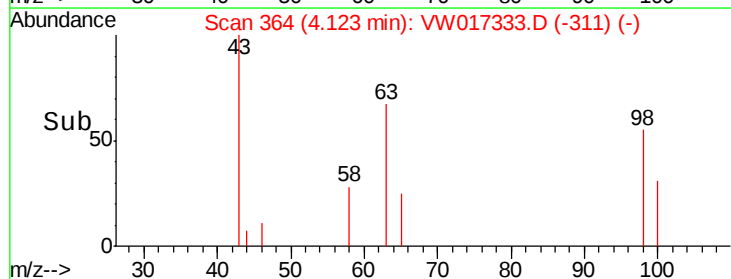
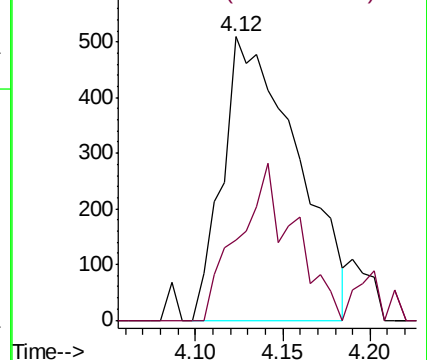
43 100

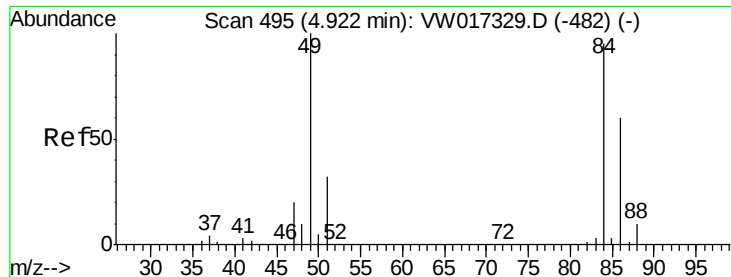
58 27.6 0.0 67.0



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

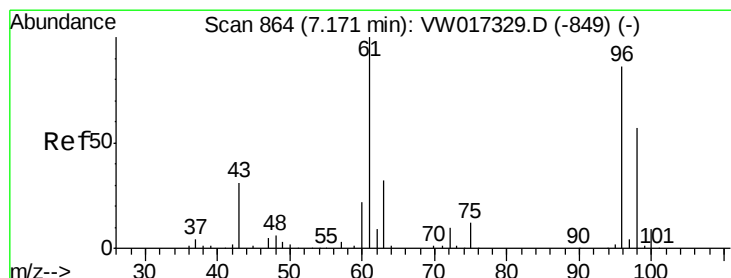
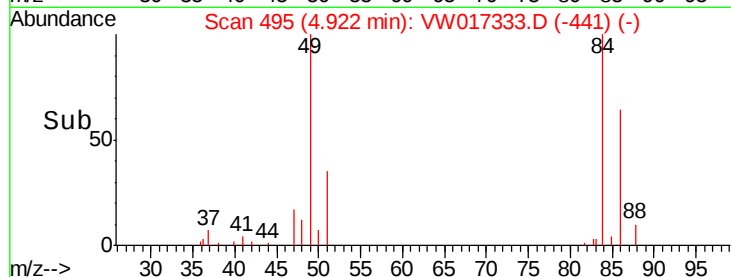
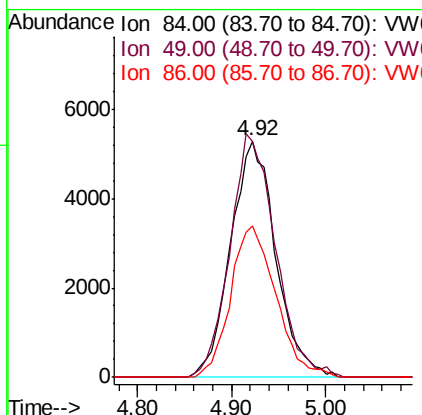
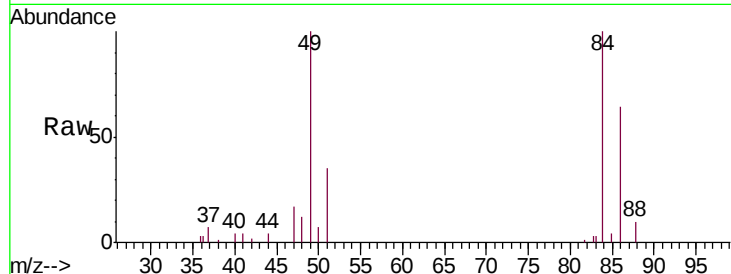




#16
Methylene chloride
Concen: 2.590 ug/L
RT: 4.92 min Scan# 495
Delta R.T. -0.00 min
Lab File: VW017333.D
Acq: 18 Nov 2020 17:31

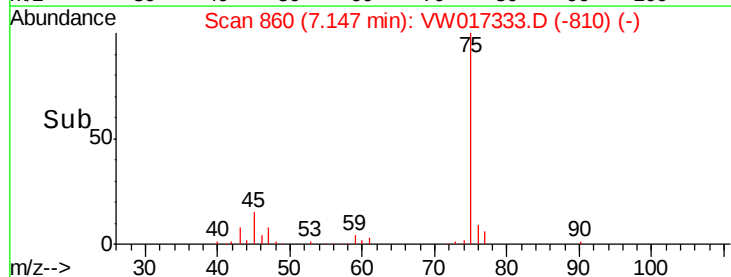
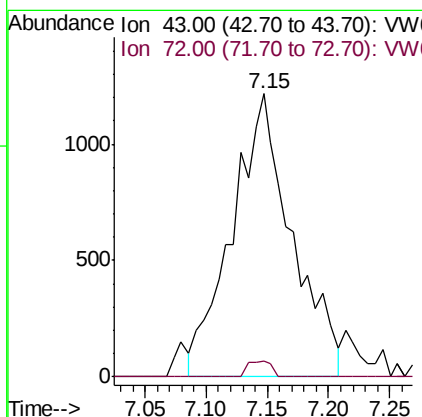
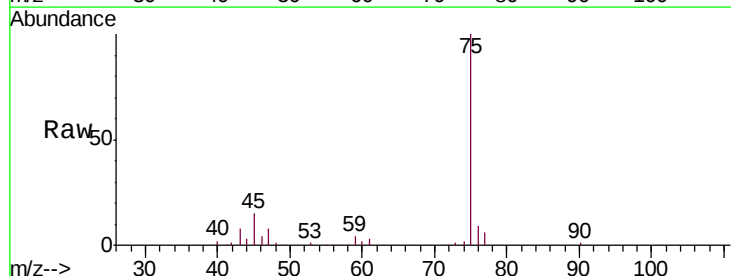
Instrument :
MSVOA_W
ClientSampleId :
C0AW9

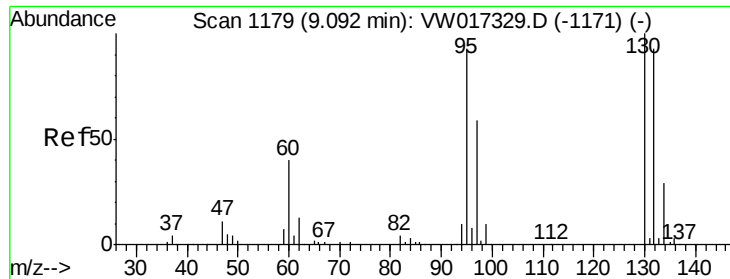
Tgt Ion: 84 Resp: 17779
Ion Ratio Lower Upper
84 100
49 100.1 71.5 132.9
86 63.9 42.8 79.4



#21
2-Butanone
Concen: 3.805 ug/L
RT: 7.15 min Scan# 860
Delta R.T. -0.02 min
Lab File: VW017333.D
Acq: 18 Nov 2020 17:31

Tgt Ion: 43 Resp: 4153
Ion Ratio Lower Upper
43 100
72 1.1 16.4 49.1#





#35

Trichloroethene

Concen: 2.312 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017333.D

Acq: 18 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

C0AW9

Tgt Ion: 95 Resp: 11756

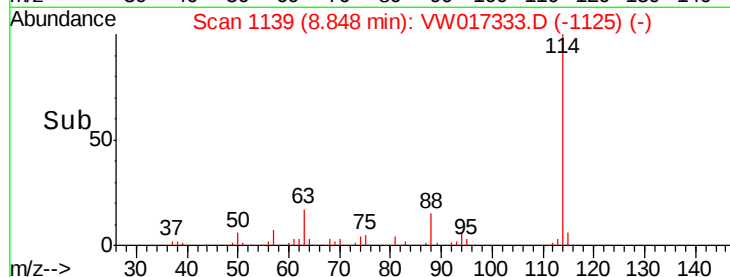
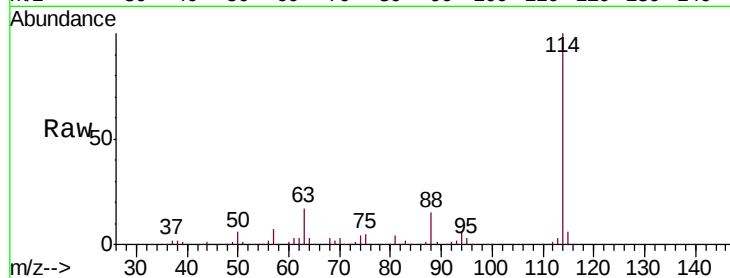
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

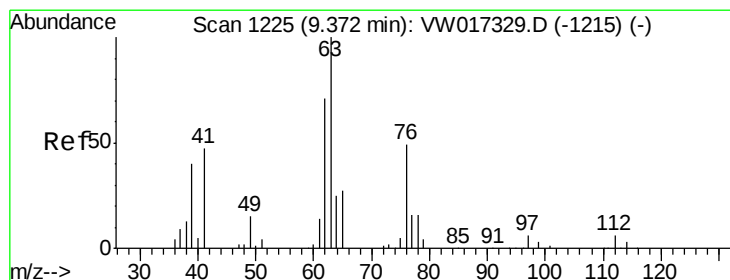
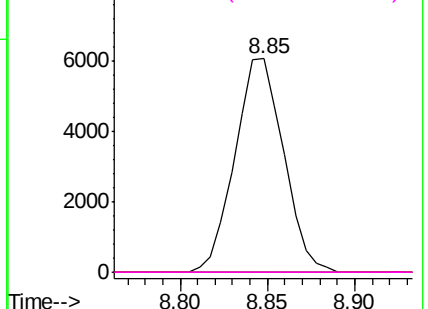


Abundance Ion 95.00 (94.70 to 95.70): VW

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: 3.742 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017333.D

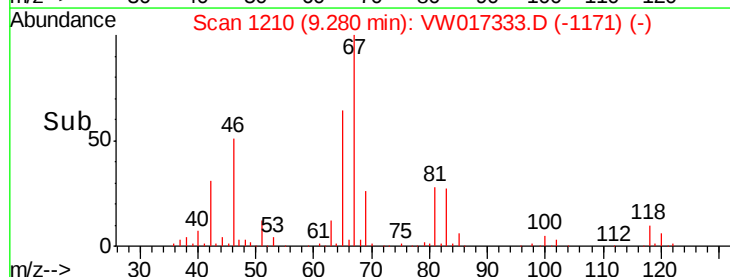
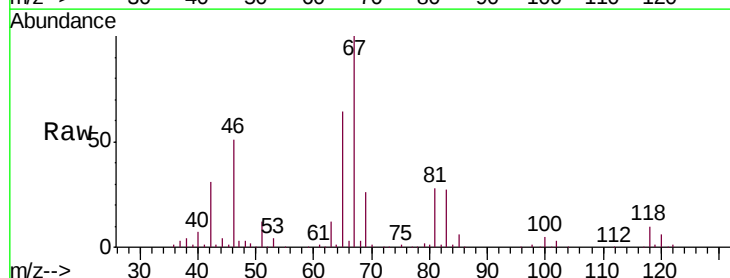
Acq: 18 Nov 2020 17:31

Tgt Ion: 63 Resp: 15212

Ion Ratio Lower Upper

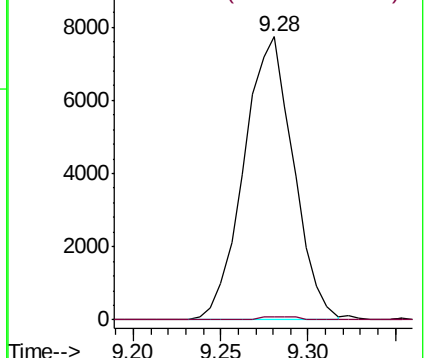
63 100

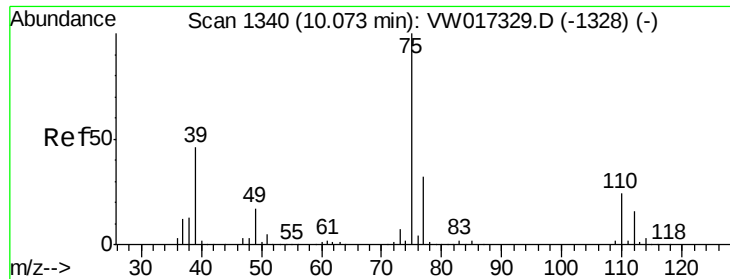
112 0.6 4.2 6.4#



Abundance Ion 63.00 (62.70 to 63.70): VW

Ion 112.00 (111.70 to 112.70): V

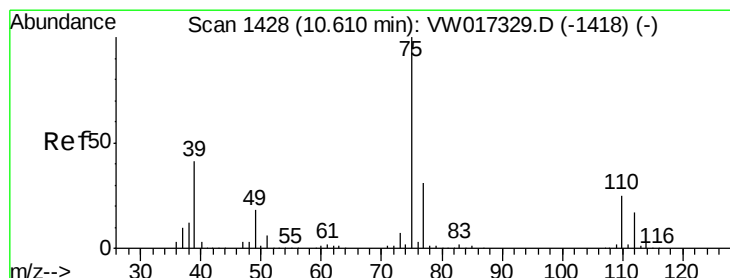
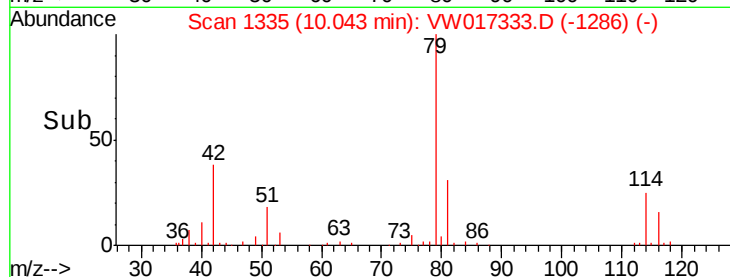
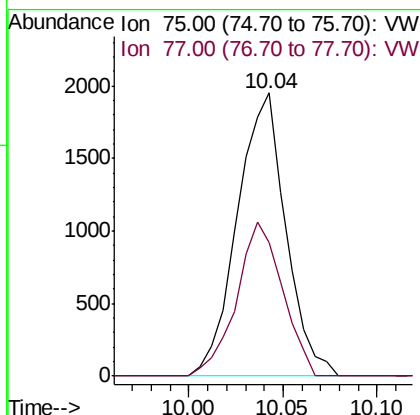
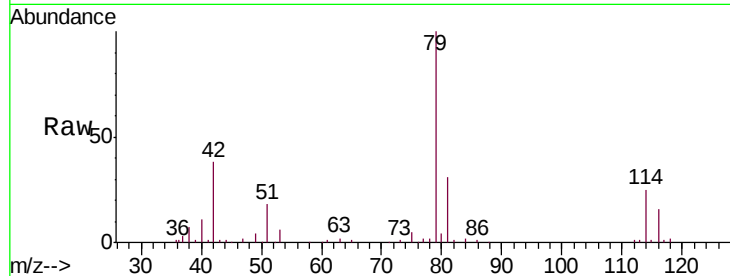




#42
 cis-1,3-Dichloropropene
 Concen: 0.551 ug/L
 RT: 10.04 min Scan# 1335
 Delta R.T. -0.03 min
 Lab File: VW017333.D
 Acq: 18 Nov 2020 17:31

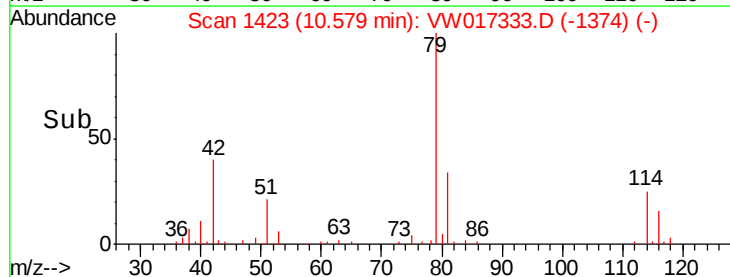
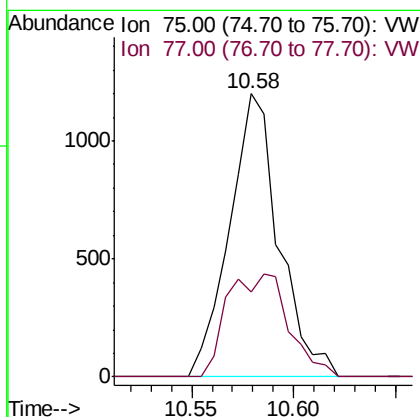
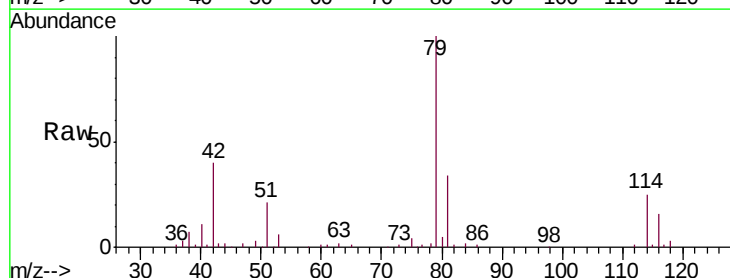
Instrument :
 MSVOA_W
 ClientSampleId :
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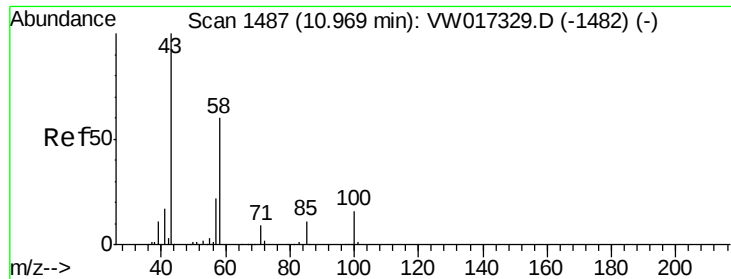
Tgt Ion: 75 Resp: 3476
 Ion Ratio Lower Upper
 75 100
 77 47.3 21.8 40.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.378 ug/L
 RT: 10.58 min Scan# 1423
 Delta R.T. -0.03 min
 Lab File: VW017333.D
 Acq: 18 Nov 2020 17:31

Tgt Ion: 75 Resp: 2020
 Ion Ratio Lower Upper
 75 100
 77 30.2 22.0 40.8





#49

2-Hexanone

Concen: 3.277 ug/L

RT: 10.95 min Scan# 1484

Delta R.T. -0.02 min

Lab File: VW017333.D

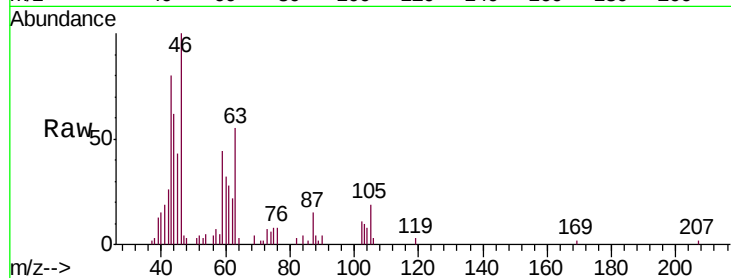
Acq: 18 Nov 2020 17:31

Instrument :

MSVOA_W

ClientSampleId :

C0AW9



Tgt Ion:	43	Resp:	3980
Ion	Ratio	Lower	Upper
43	100		
58	0.0	49.4	74.0#
57	0.0	17.0	25.4#
100	0.0	13.1	19.7#

