

Data File : VW017409.D
Acq On : 20 Nov 2020 12:04
Operator : SY/VA
Sample : L4794-01
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AY0

Quant Time: Nov 21 00:32:08 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 00:30:34 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	386666	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338083	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	149739	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	128848	22.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	90.04%
7) Chloroethane-d5	2.89	69	105035	23.10	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	92.40%
10) 1,1-Dichloroethene-d2	4.02	63	166695	16.65	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	66.60%
20) 2-Butanone-d5	7.08	46	31460	33.46	ug/L	-0.01
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.92%
24) Chloroform-d	7.65	84	225977	22.25	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	89.00%
26) 1,2-Dichloroethane-d4	8.31	65	105723	21.54	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	86.16%
29) Benzene-d6	8.28	84	446036	23.40	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	93.60%
33) 1,2-Dichloropropane-d6	9.28	67	120057	23.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	94.60%
37) Toluene-d8	10.32	98	421218	23.48	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	93.92%
38) trans-1,3-Dichloropropene-	10.58	79	45348	20.51	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	82.04%
39) 2-Hexanone-d5	10.93	63	23900	35.10	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	70.20%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	77700	20.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	80.76%
61) 1,2-Dichlorobenzene-d4	13.85	152	128324	23.21	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	92.84%

Target Compounds

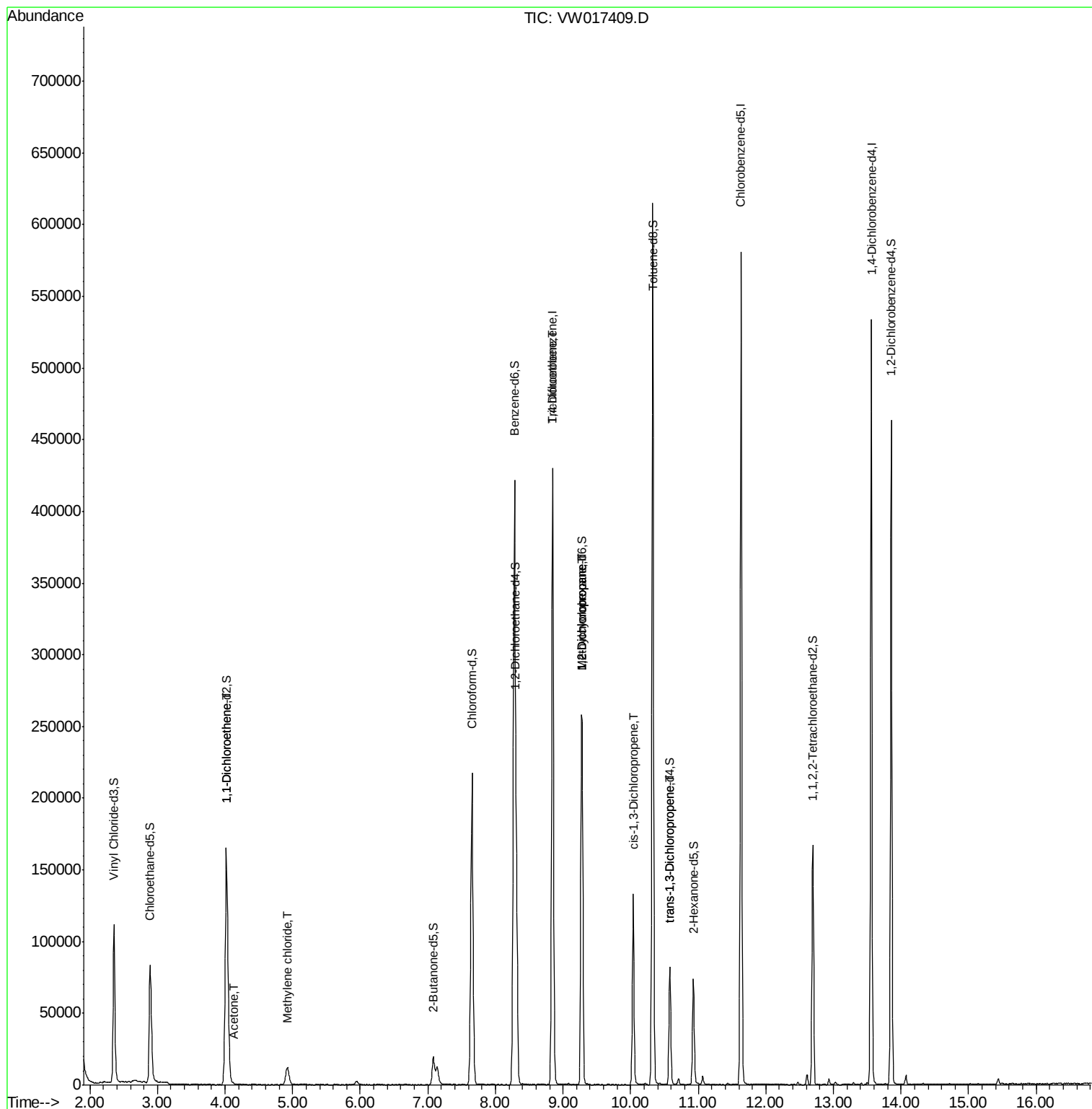
					Qvalue
12) 1,1-Dichloroethene	4.03	96	1422	0.279 ug/L #	1
13) Acetone	4.14	43	575	0.838 ug/L	52
16) Methylene chloride	4.92	84	7023	1.062 ug/L	90
35) Trichloroethene	8.84	95	10793	1.998 ug/L #	2
36) Methylcyclohexane	9.27	83	31844	3.689 ug/L #	22
40) 1,2-Dichloropropane	9.27	63	13707	3.173 ug/L #	85
42) cis-1,3-Dichloropropene	10.04	75	3643	0.543 ug/L #	64
45) trans-1,3-Dichloropropene	10.59	75	2115	0.372 ug/L	85

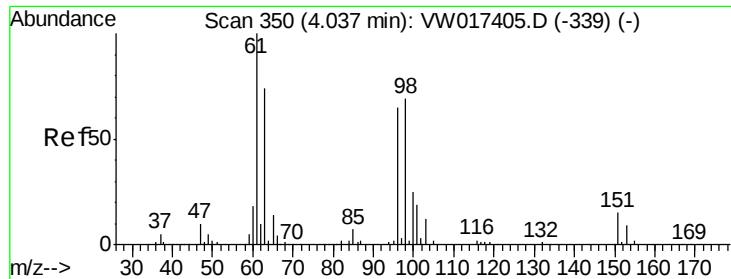
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#12

1,1-Dichloroethene

Concen: 0.279 ug/L

RT: 4.03 min Scan# 348

Delta R.T. -0.01 min

Lab File: VW017409.D

Acq: 20 Nov 2020 12:04

Instrument :

MSVOA_W

ClientSampled :

C0AY0

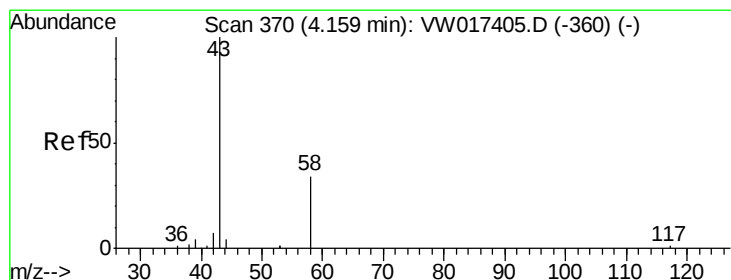
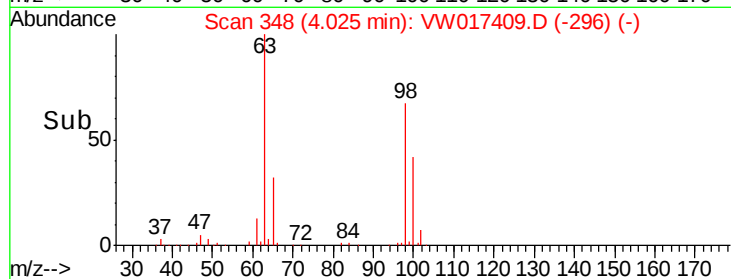
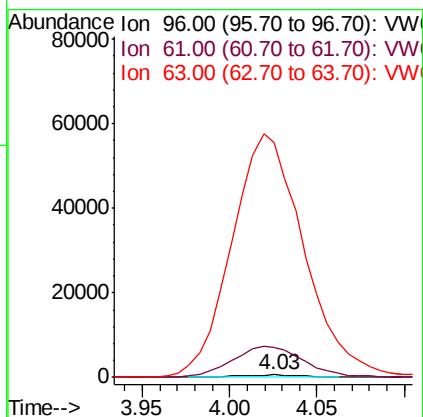
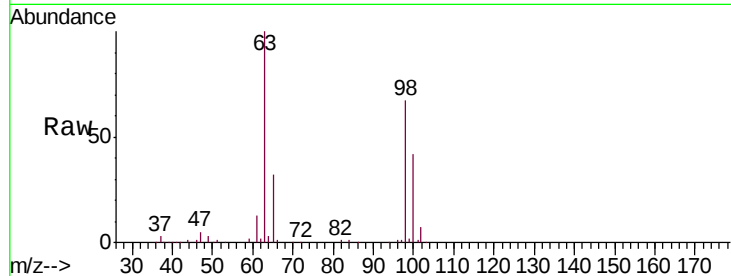
Tgt Ion: 96 Resp: 1422

Ion Ratio Lower Upper

96 100

61 1221.5 104.7 194.4#

63 9474.4 69.6 129.2#



#13

Acetone

Concen: 0.838 ug/L

RT: 4.14 min Scan# 366

Delta R.T. -0.02 min

Lab File: VW017409.D

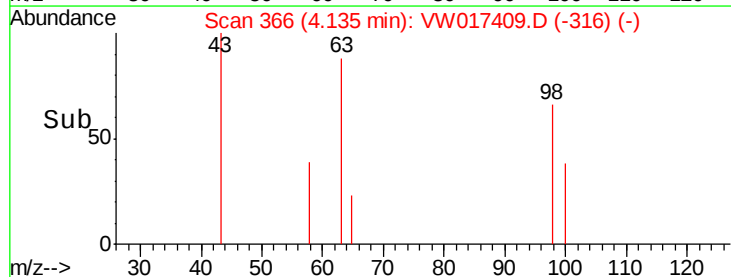
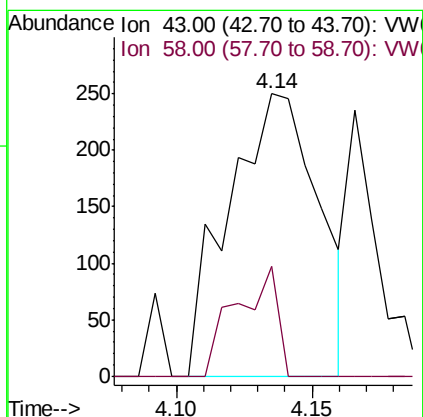
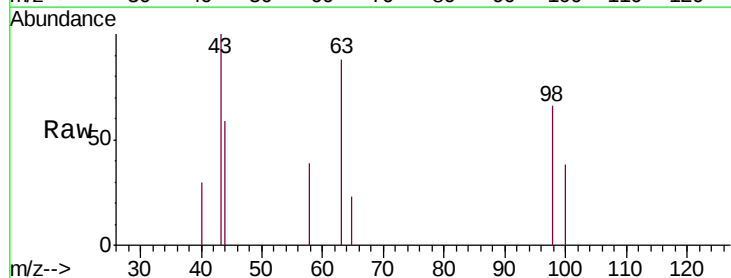
Acq: 20 Nov 2020 12:04

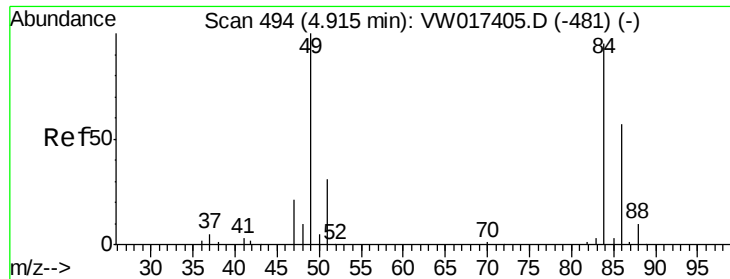
Tgt Ion: 43 Resp: 575

Ion Ratio Lower Upper

43 100

58 6.3 0.0 67.0

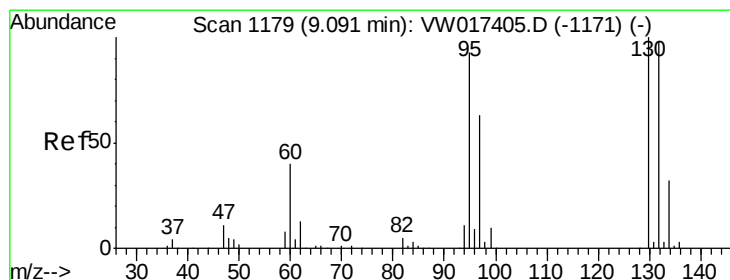
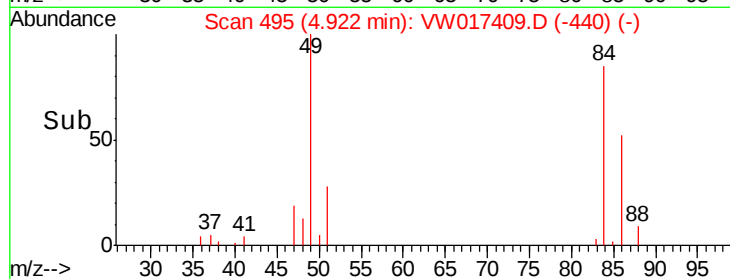
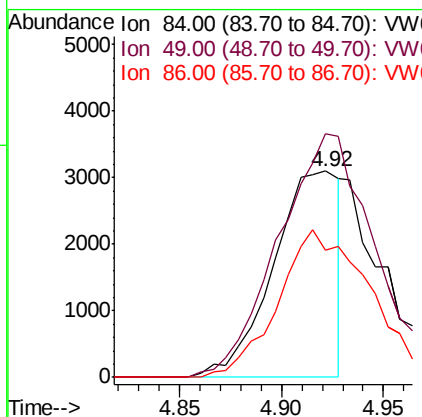
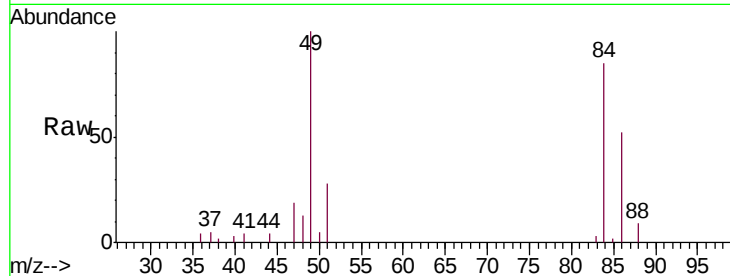




#16
Methylene chloride
Concen: 1.062 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017409.D
Acq: 20 Nov 2020 12:04

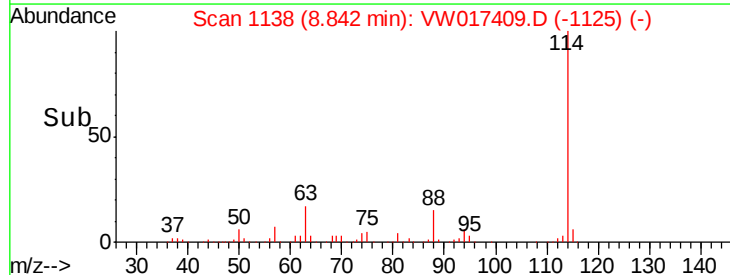
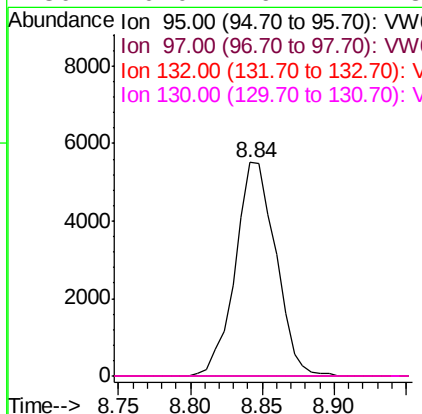
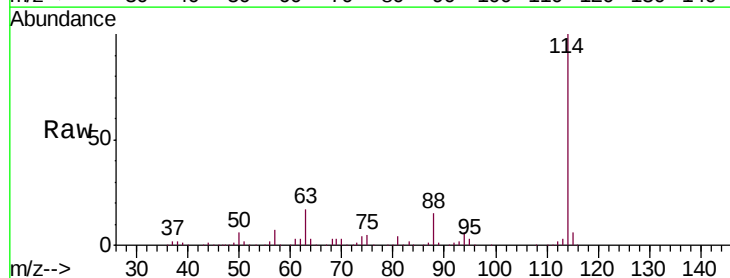
Instrument :
MSVOA_W
ClientSampleId :
C0AY0

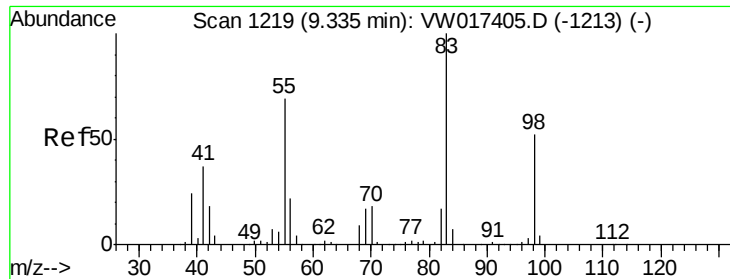
Tgt Ion: 84 Resp: 7023
Ion Ratio Lower Upper
84 100
49 118.2 71.5 132.9
86 61.5 42.8 79.4



#35
Trichloroethene
Concen: 1.998 ug/L
RT: 8.84 min Scan# 1138
Delta R.T. -0.25 min
Lab File: VW017409.D
Acq: 20 Nov 2020 12:04

Tgt Ion: 95 Resp: 10793
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#

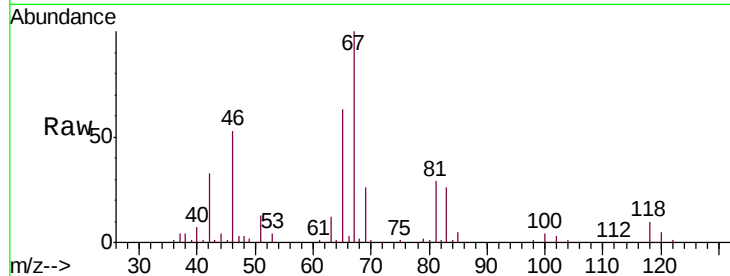




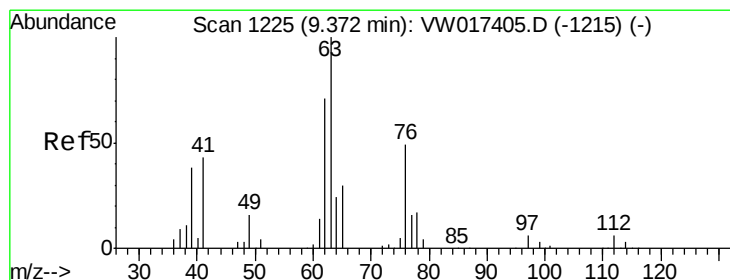
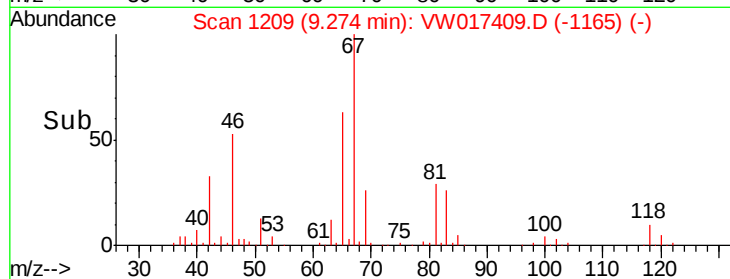
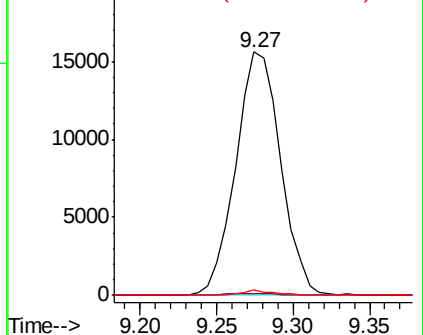
#36
Methylcyclohexane
Concen: 3.689 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017409.D
Acq: 20 Nov 2020 12:04

Instrument :
MSVOA_W
ClientSampleId :
C0AY0

Tgt Ion: 83 Resp: 31844
Ion Ratio Lower Upper
83 100
55 0.6 54.6 81.8#
98 1.5 41.5 62.3#

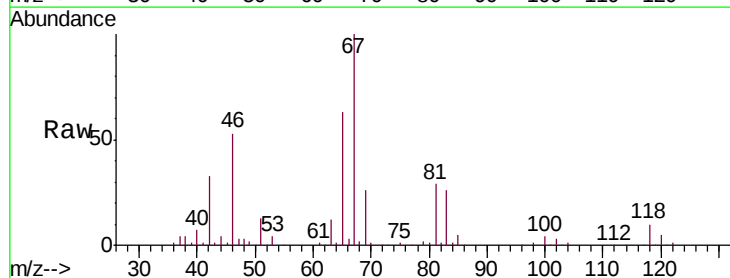


Abundance Ion 83.00 (82.70 to 83.70): VW
Ion 55.00 (54.70 to 55.70): VW
Ion 98.00 (97.70 to 98.70): VW

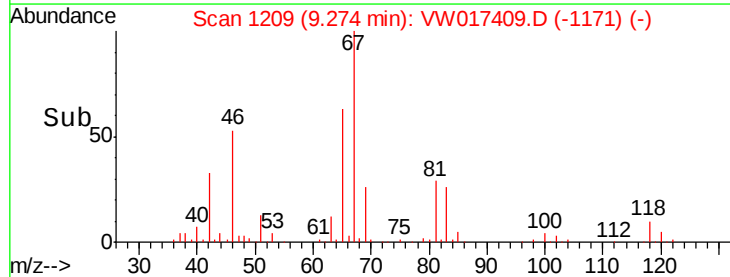
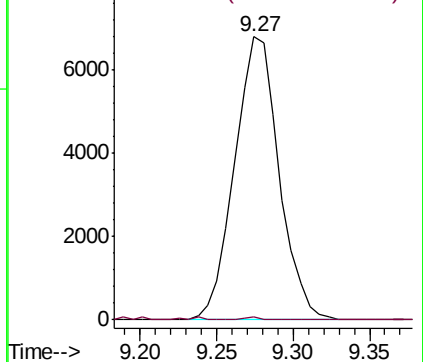


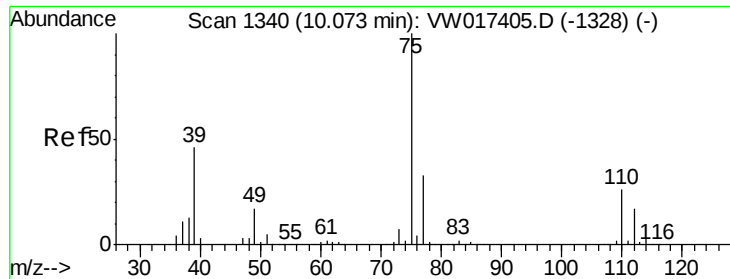
#40
1,2-Dichloropropane
Concen: 3.173 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.10 min
Lab File: VW017409.D
Acq: 20 Nov 2020 12:04

Tgt Ion: 63 Resp: 13707
Ion Ratio Lower Upper
63 100
112 0.4 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: 0.543 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017409.D

Acq: 20 Nov 2020 12:04

Instrument :

MSVOA_W

ClientSampleId :

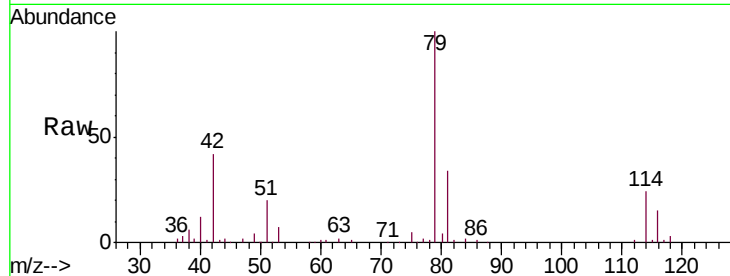
C0AY0

Tgt Ion: 75 Resp: 3643

Ion Ratio Lower Upper

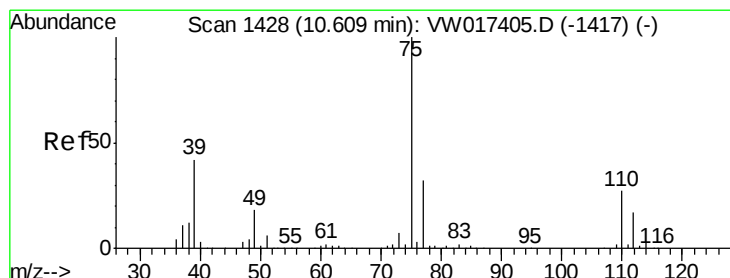
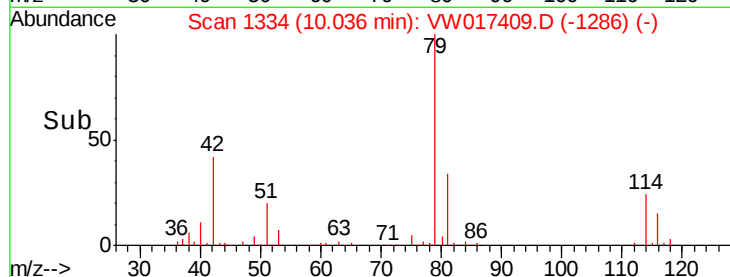
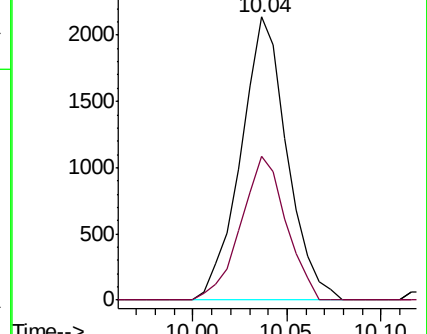
75 100

77 51.0 21.8 40.4#



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.372 ug/L

RT: 10.59 min Scan# 1424

Delta R.T. -0.02 min

Lab File: VW017409.D

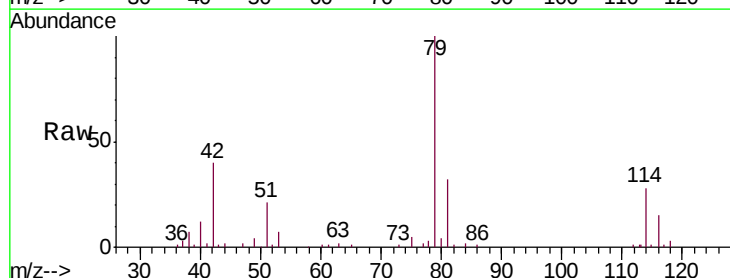
Acq: 20 Nov 2020 12:04

Tgt Ion: 75 Resp: 2115

Ion Ratio Lower Upper

75 100

77 39.5 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

