

Data File : VW017431.D
Acq On : 20 Nov 2020 21:27
Operator : SY/VA
Sample : L4819-04RE
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

Quant Time: Nov 21 02:28:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.85	114	328057	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	262672	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	97258	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	94043	19.36	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.44%
7) Chloroethane-d5	2.89	69	81531	21.13	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	84.52%
10) 1,1-Dichloroethene-d2	4.01	63	128290	15.10	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	60.40%
20) 2-Butanone-d5	7.07	46	29767	37.32	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	74.64%
24) Chloroform-d	7.65	84	183733	21.32	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	85.28%
26) 1,2-Dichloroethane-d4	8.31	65	95851	23.02	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	92.08%
29) Benzene-d6	8.27	84	352007	23.77	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	95.08%
33) 1,2-Dichloropropane-d6	9.27	67	99453	25.21	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	100.84%
37) Toluene-d8	10.32	98	315015	22.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	90.40%
38) trans-1,3-Dichloropropene-	10.58	79	33738	19.64	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	78.56%
39) 2-Hexanone-d5	10.93	63	22021	41.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	83.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	73975	24.75	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	99.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	81244	22.63	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	90.52%

Target Compounds

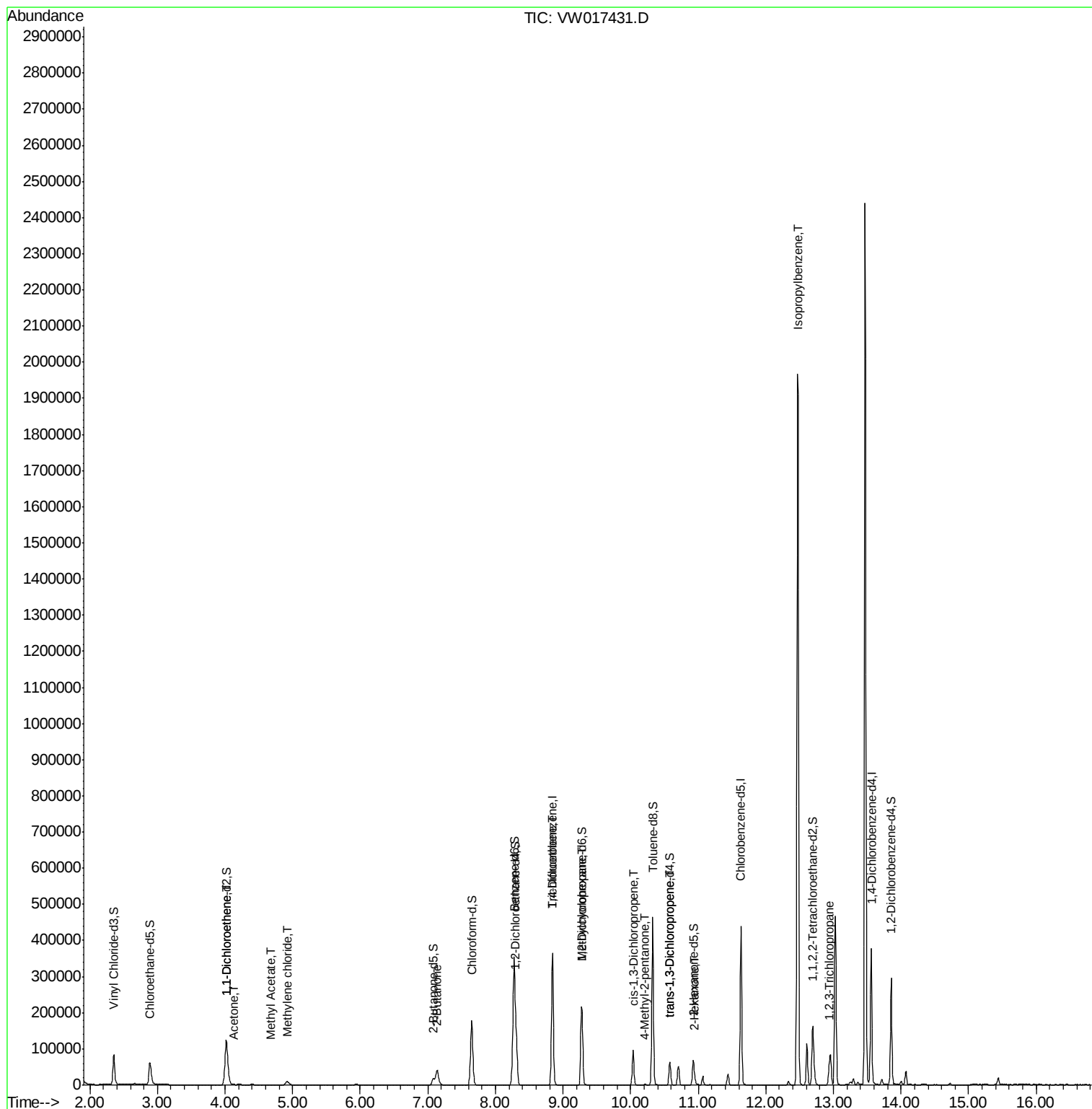
						Qvalue
12) 1,1-Dichloroethene	4.01	96	1211	0.280	ug/L #	1
13) Acetone	4.13	43	2712	4.660	ug/L	75
15) Methyl Acetate	4.68	43	1218	0.956	ug/L #	75
16) Methylene chloride	4.92	84	8482	1.512	ug/L	94
21) 2-Butanone	7.15	43	6875	7.706	ug/L #	47
35) Trichloroethene	8.85	95	9686	2.308	ug/L #	2
36) Methylcyclohexane	9.27	83	26554	3.959	ug/L #	21
42) cis-1,3-Dichloropropene	10.04	75	2829	0.543	ug/L	96
43) 4-Methyl-2-pentanone	10.21	43	1543	0.926	ug/L	96
45) trans-1,3-Dichloropropene	10.57	75	1832	0.415	ug/L #	66
49) 2-Hexanone	10.95	43	4951	4.938	ug/L #	35
57) Isopropylbenzene	12.48	105	87020	4.708	ug/L #	1
59) 1,2,3-Trichloropropane	12.93	75	1009	0.488	ug/L #	1

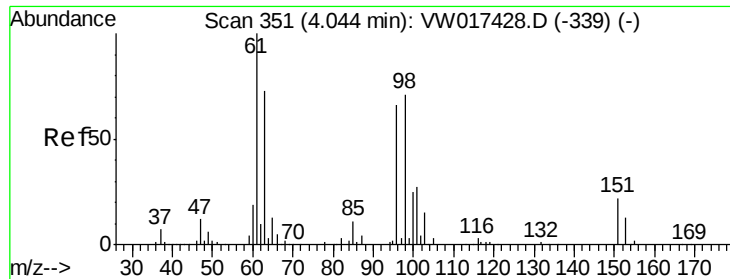
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017431.D
Acq On : 20 Nov 2020 21:27
Operator : SY/VA
Sample : L4819-04RE
Misc : 5.30G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

Quant Time: Nov 21 02:28:27 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM111820S.M
Quant Title : VOC Analysis
QLast Update : Sat Nov 21 02:27:17 2020
Response via : Initial Calibration

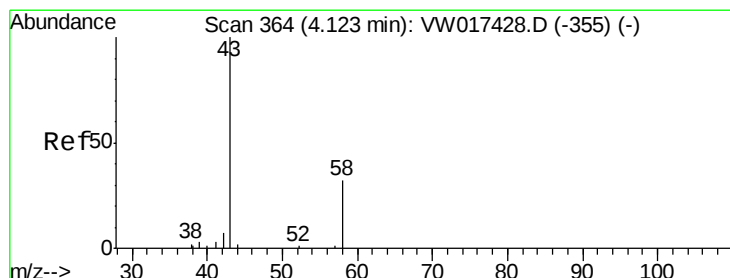
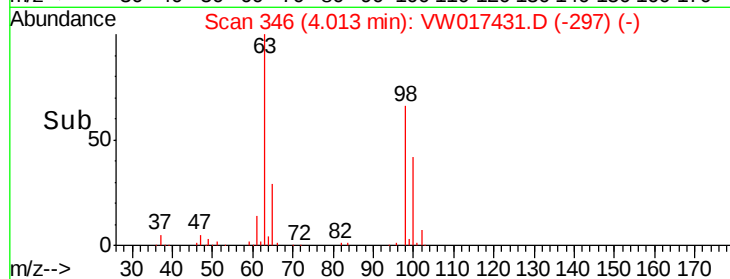
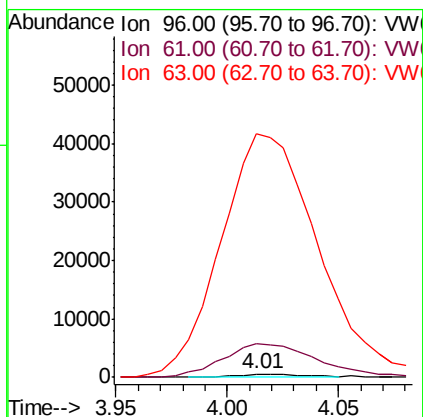
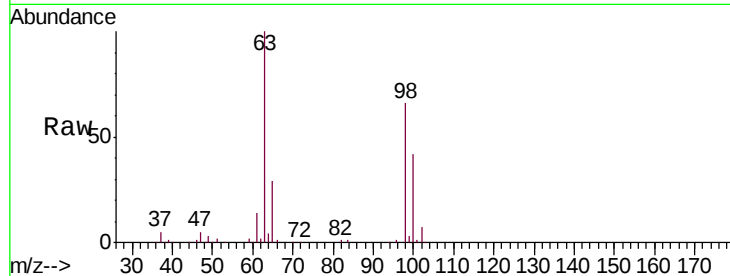




#12
 1,1-Dichloroethene
 Concen: 0.280 ug/L
 RT: 4.01 min Scan# 346
 Delta R.T. -0.03 min
 Lab File: VW017431.D
 Acq: 20 Nov 2020 21:27

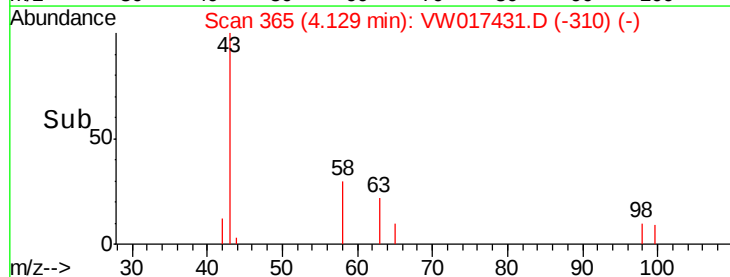
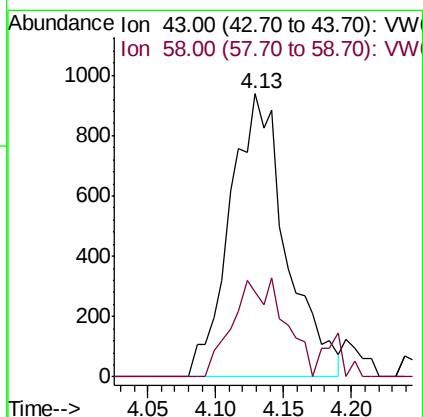
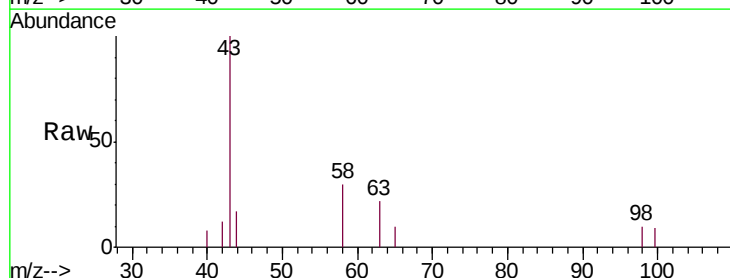
Instrument :
 MSVOA_W
 ClientSampleId :
 C0AZ4

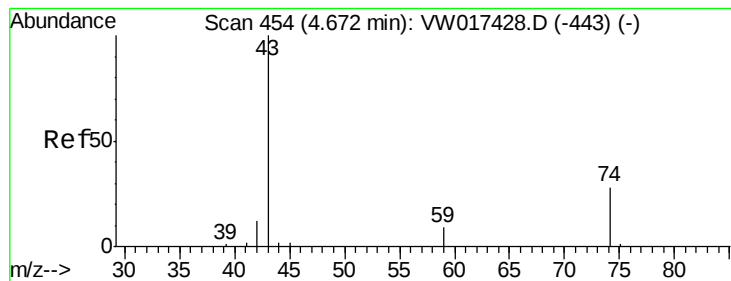
Tgt Ion: 96 Resp: 1211
 Ion Ratio Lower Upper
 96 100
 61 1116.5 104.7 194.4#
 63 8107.4 69.6 129.2#



#13
 Acetone
 Concen: 4.660 ug/L
 RT: 4.13 min Scan# 365
 Delta R.T. 0.01 min
 Lab File: VW017431.D
 Acq: 20 Nov 2020 21:27

Tgt Ion: 43 Resp: 2712
 Ion Ratio Lower Upper
 43 100
 58 19.2 0.0 67.0





#15

Methyl Acetate

Concen: 0.956 ug/L

RT: 4.68 min Scan# 455

Delta R.T. 0.01 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Instrument :

MSVOA_W

ClientSampleId :

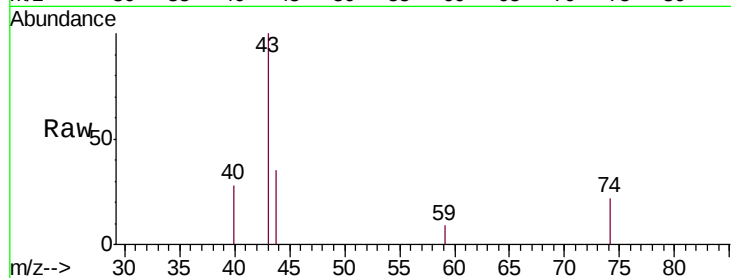
C0AZ4

Tgt Ion: 43 Resp: 1218

Ion Ratio Lower Upper

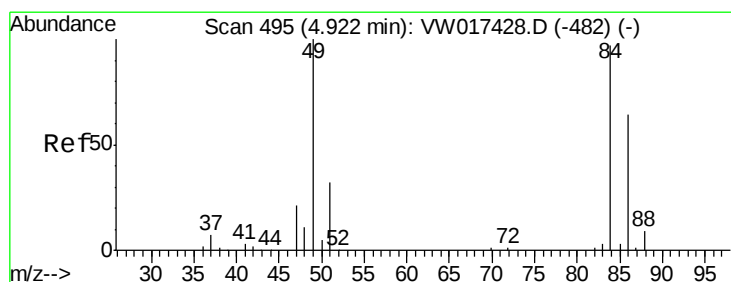
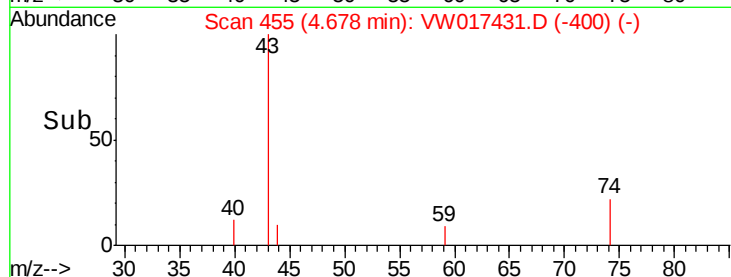
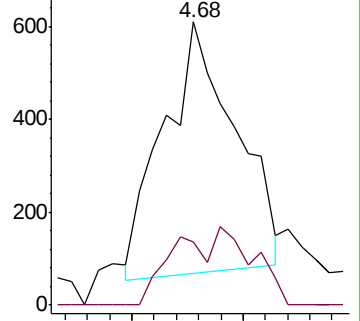
43 100

74 16.1 23.7 35.5#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 74.00 (73.70 to 74.70): VW



#16

Methylene chloride

Concen: 1.512 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

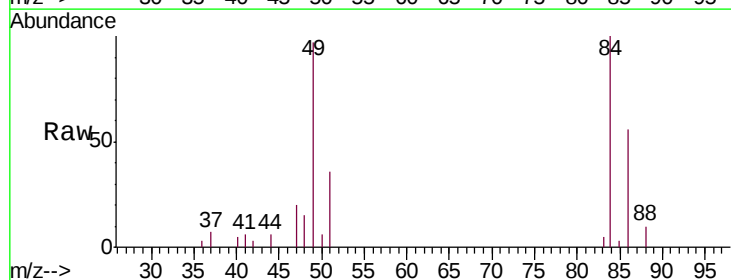
Tgt Ion: 84 Resp: 8482

Ion Ratio Lower Upper

84 100

49 97.3 71.5 132.9

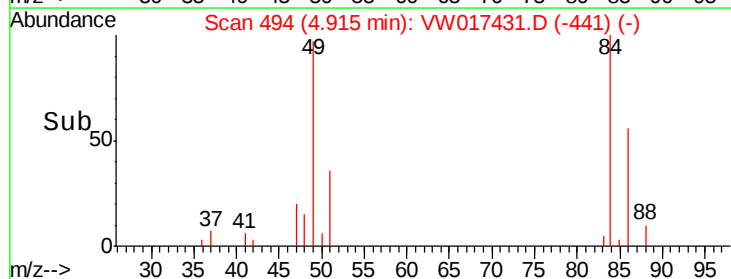
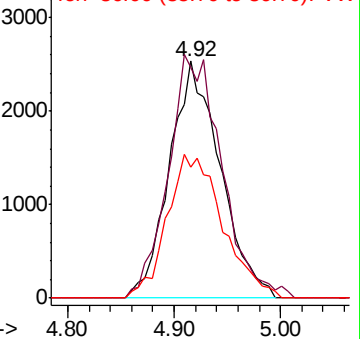
86 55.5 42.8 79.4

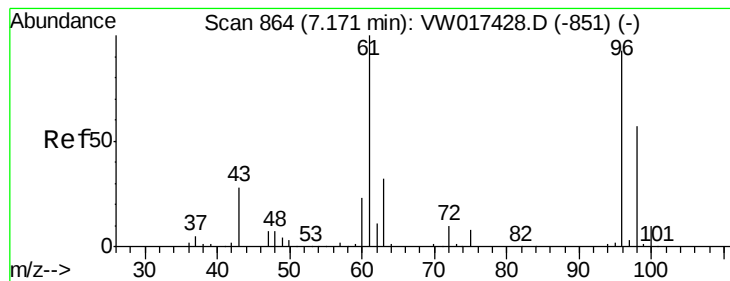


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 7.706 ug/L

RT: 7.15 min Scan# 860

Delta R.T. -0.02 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Instrument :

MSVOA_W

ClientSampleId :

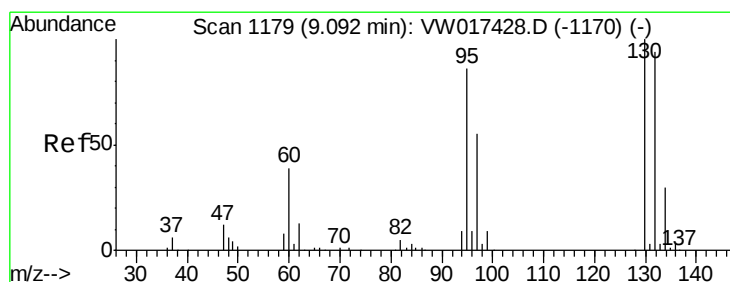
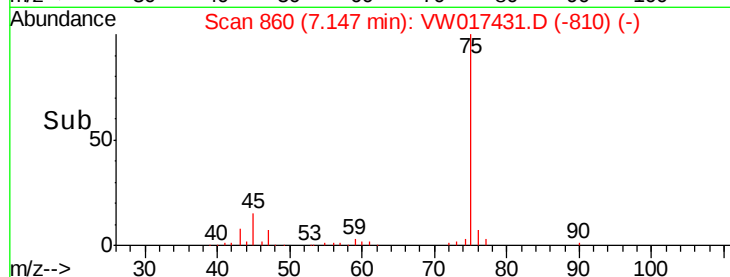
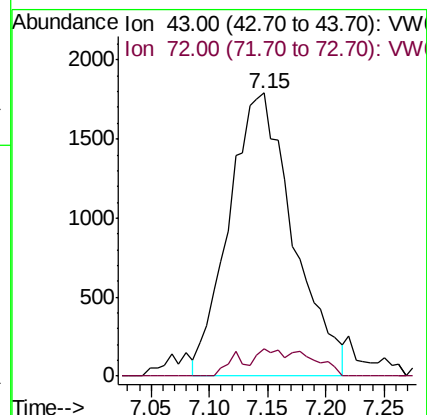
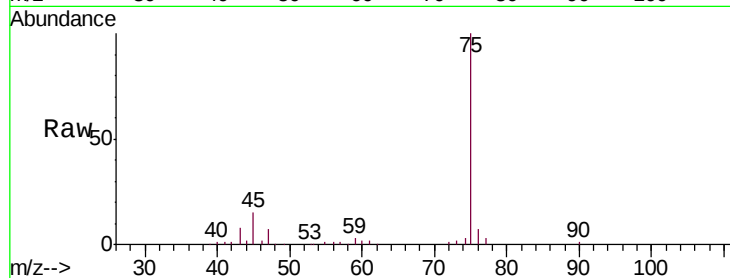
C0AZ4

Tgt Ion: 43 Resp: 6875

Ion Ratio Lower Upper

43 100

72 2.8 16.4 49.1#



#35

Trichloroethene

Concen: 2.308 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Tgt Ion: 95 Resp: 9686

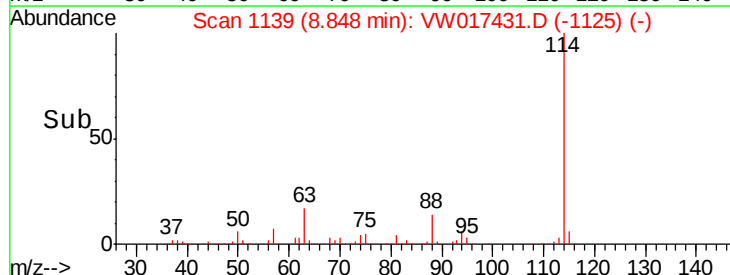
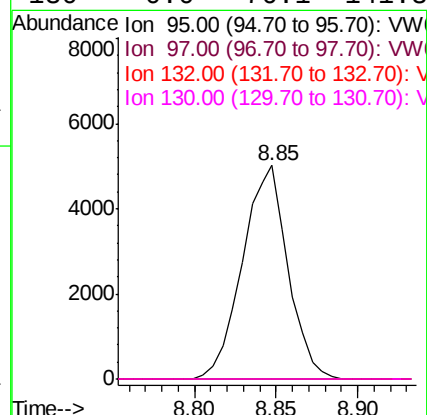
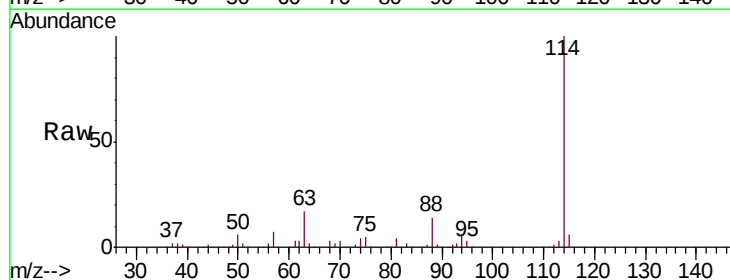
Ion Ratio Lower Upper

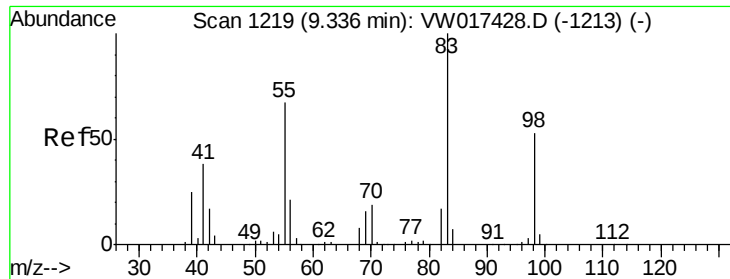
95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

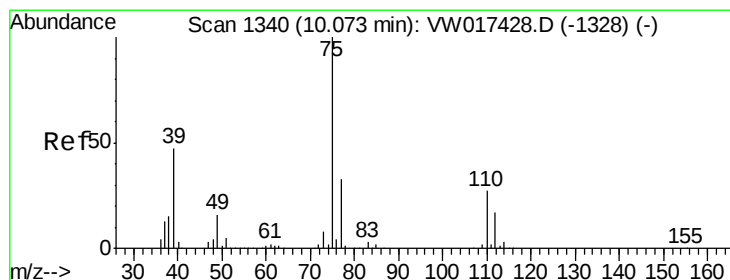
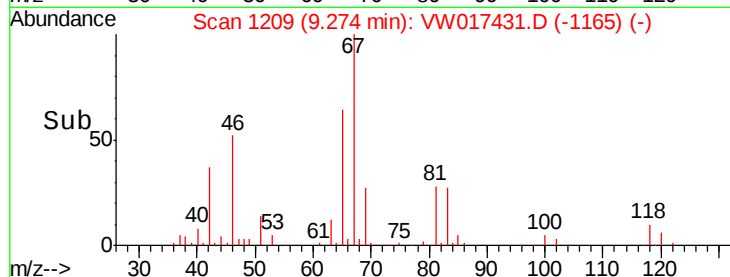
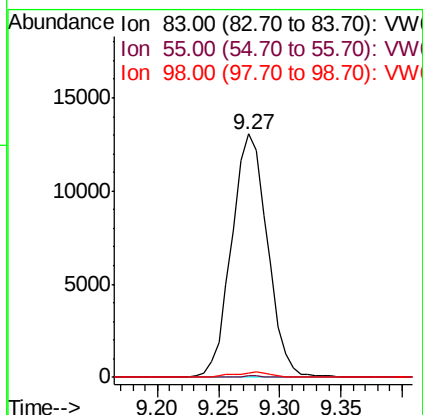
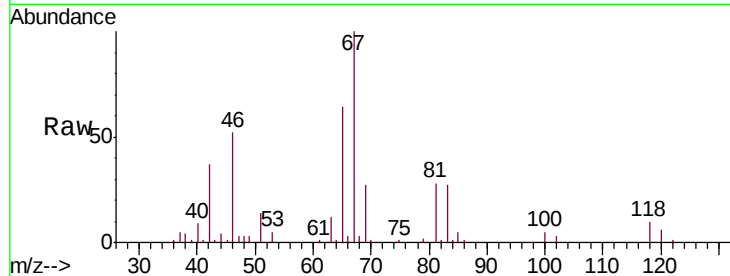




#36
Methylcyclohexane
Concen: 3.959 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.06 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

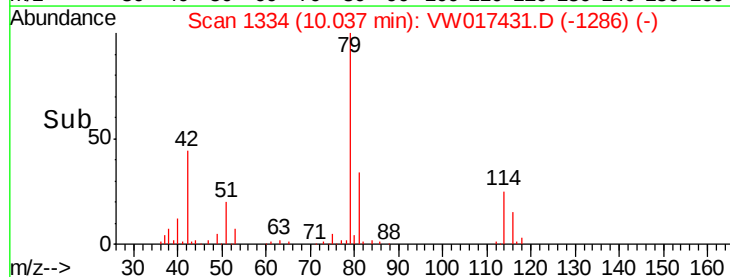
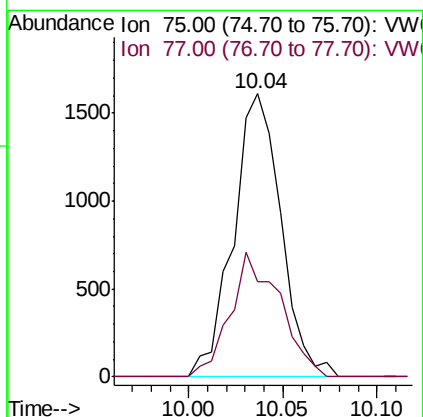
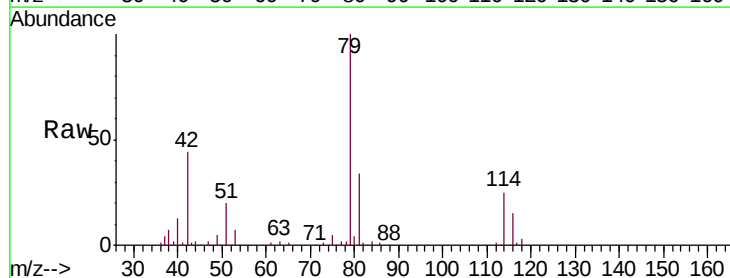
Instrument :
MSVOA_W
ClientSampleId :
C0AZ4

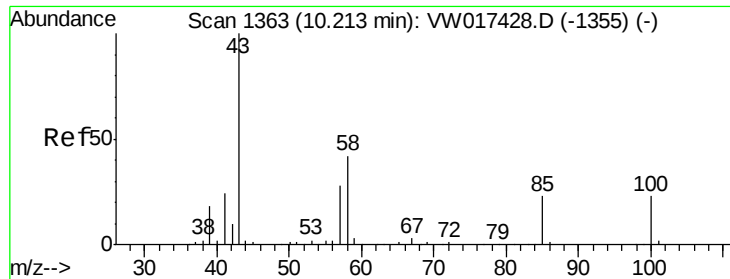
Tgt Ion: 83 Resp: 26554
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 1.3 41.5 62.3#



#42
cis-1,3-Dichloropropene
Concen: 0.543 ug/L
RT: 10.04 min Scan# 1334
Delta R.T. -0.04 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

Tgt Ion: 75 Resp: 2829
Ion Ratio Lower Upper
75 100
77 33.5 21.8 40.4





#43

4-Methyl-2-pentanone

Concen: 0.926 ug/L

RT: 10.21 min Scan# 1362

Delta R.T. -0.01 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Instrument :

MSVOA_W

ClientSampleId :

C0AZ4

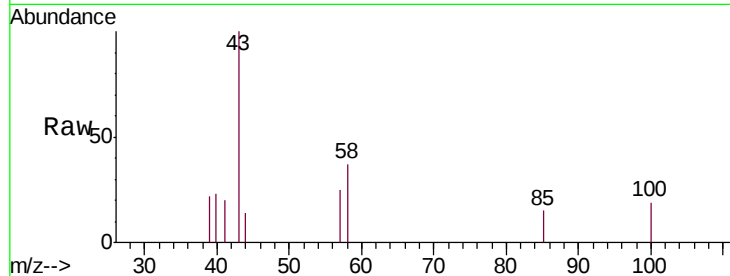
Tgt Ion: 43 Resp: 1543

Ion Ratio Lower Upper

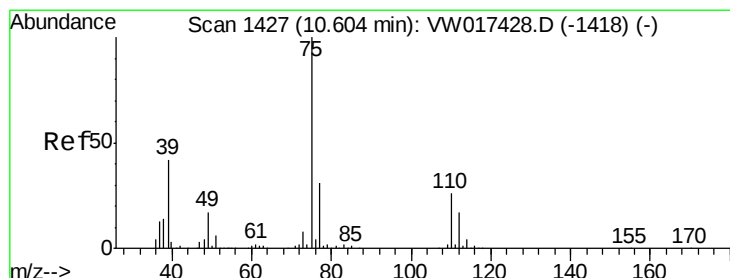
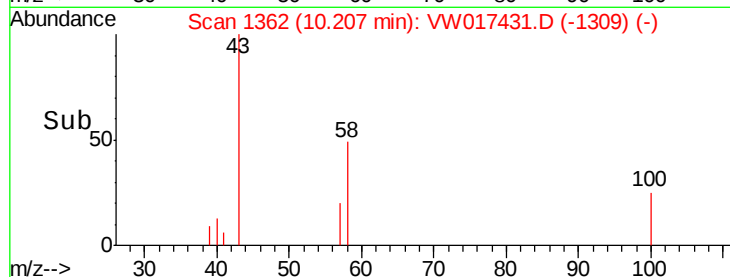
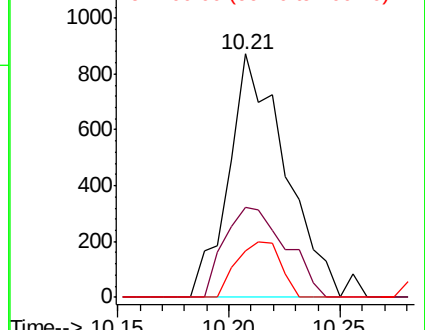
43 100

58 40.0 33.4 50.2

100 17.7 16.3 24.5



Abundance Ion 43.00 (42.70 to 43.70): VW
Ion 58.00 (57.70 to 58.70): VW
Ion 100.00 (99.70 to 100.70): VW



#45

trans-1,3-Dichloropropene

Concen: 0.415 ug/L

RT: 10.57 min Scan# 1422

Delta R.T. -0.03 min

Lab File: VW017431.D

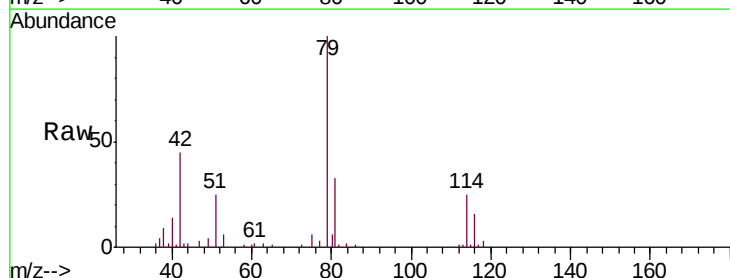
Acq: 20 Nov 2020 21:27

Tgt Ion: 75 Resp: 1832

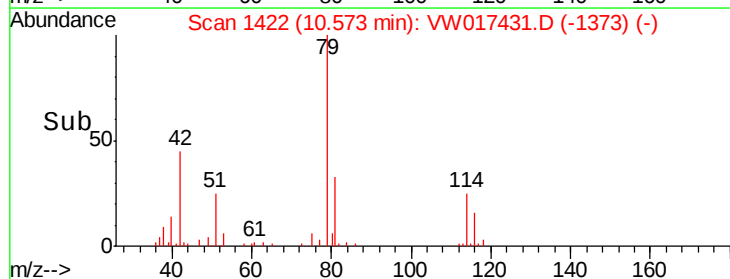
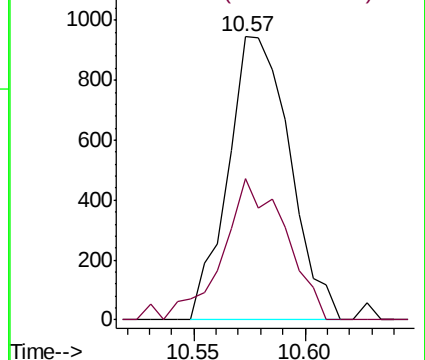
Ion Ratio Lower Upper

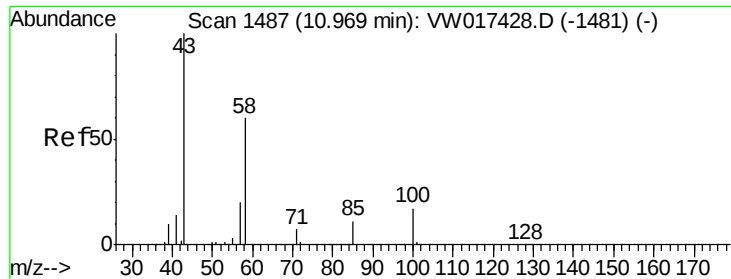
75 100

77 50.1 22.0 40.8#



Abundance Ion 75.00 (74.70 to 75.70): VW
Ion 77.00 (76.70 to 77.70): VW

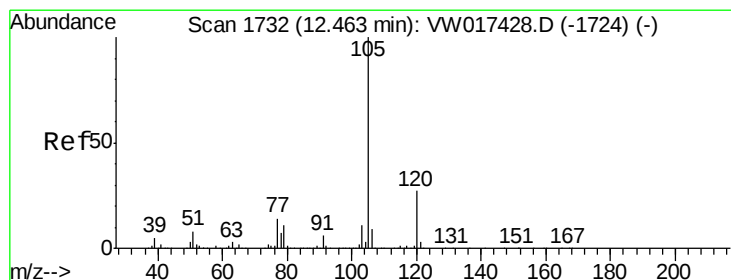
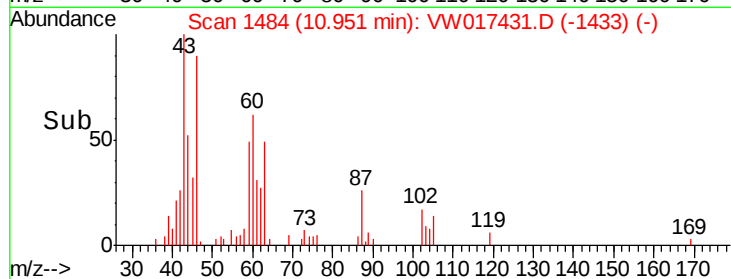
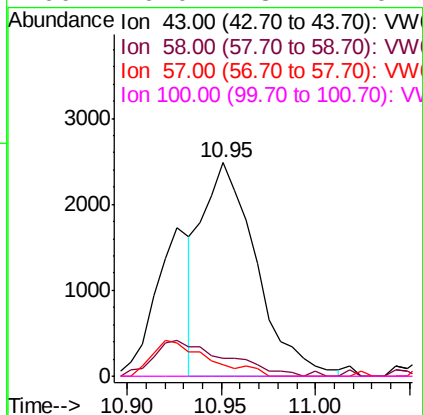
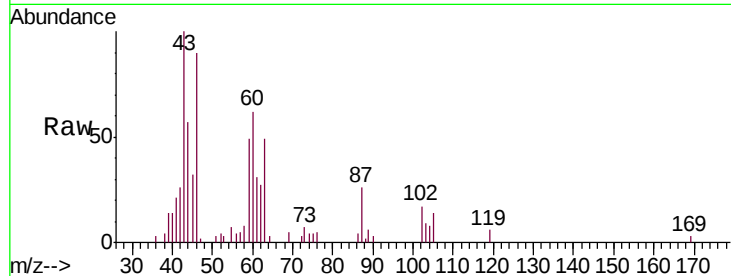




#49
2-Hexanone
Concen: 4.938 ug/L
RT: 10.95 min Scan# 1484
Delta R.T. -0.02 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

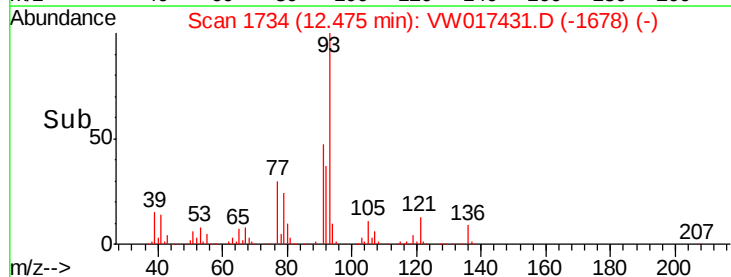
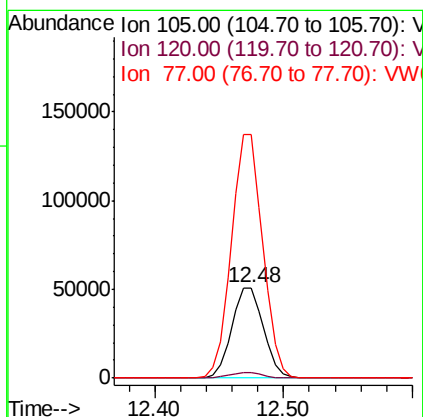
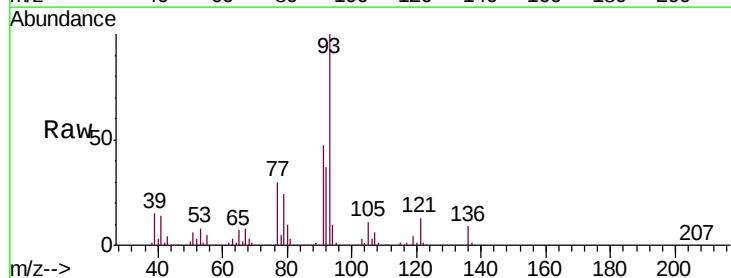
Instrument :
MSVOA_W
ClientSampled :
C0AZ4

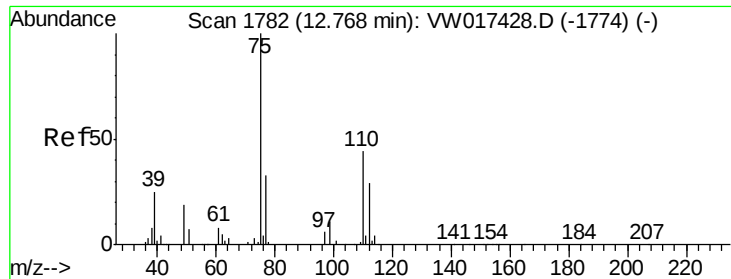
Tgt Ion:	43	Resp:	4951
Ion	Ratio	Lower	Upper
43	100		
58	0.0	49.4	74.0#
57	1.5	17.0	25.4#
100	0.0	13.1	19.7#



#57
Isopropylbenzene
Concen: 4.708 ug/L
RT: 12.48 min Scan# 1734
Delta R.T. 0.01 min
Lab File: VW017431.D
Acq: 20 Nov 2020 21:27

Tgt Ion:	105	Resp:	87020
Ion	Ratio	Lower	Upper
105	100		
120	6.3	21.6	32.4#
77	266.2	11.8	17.6#





#59

1,2,3-Trichloropropane

Concen: 0.488 ug/L

RT: 12.93 min Scan# 1808

Delta R.T. 0.16 min

Lab File: VW017431.D

Acq: 20 Nov 2020 21:27

Instrument :

MSVOA_W

ClientSampleId :

C0AZ4

Tgt Ion: 75 Resp: 1009

Ion Ratio Lower Upper

75 100

77 1071.5 26.6 40.0#

