

Data File : VW017451.D
Acq On : 21 Nov 2020 05:18
Operator : SY/VA
Sample : L4860-19
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH7

Quant Time: Nov 21 05:59:44 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	8.84	114	152464	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	132279	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	37056	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	37917	16.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	67.20%
7) Chloroethane-d5	2.89	69	36324	20.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	81.04%
10) 1,1-Dichloroethene-d2	4.02	63	51752	13.11	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	52.44%
20) 2-Butanone-d5	7.09	46	11850	31.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	63.94%
24) Chloroform-d	7.65	84	87813	21.92	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	87.68%
26) 1,2-Dichloroethane-d4	8.31	65	42162	21.79	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	87.16%
29) Benzene-d6	8.27	84	180237	24.17	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	96.68%
33) 1,2-Dichloropropane-d6	9.27	67	48085	24.20	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	96.80%
37) Toluene-d8	10.32	98	116465	16.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	66.36%
38) trans-1,3-Dichloropropene-	10.58	79	12293	14.21	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	56.84%
39) 2-Hexanone-d5	10.93	63	7580	28.46	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	56.92%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	26759	17.78	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	71.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	32946	24.08	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	96.32%

Target Compounds

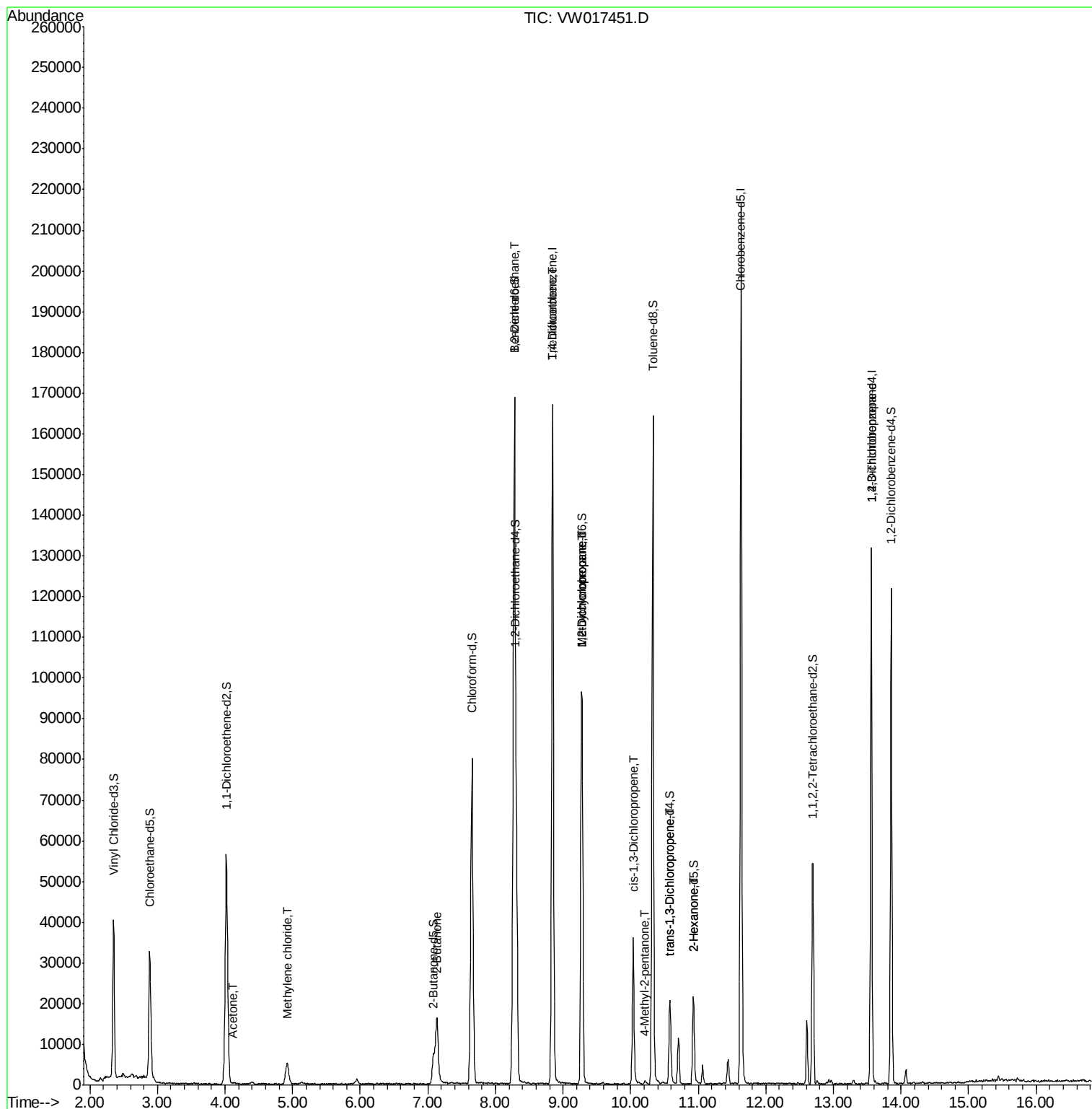
					Qvalue
13) Acetone	4.12	43	241	0.891 ug/L	74
16) Methylene chloride	4.92	84	4465	1.712 ug/L	92
21) 2-Butanone	7.13	43	727	1.753 ug/L #	42
27) 1,2-Dichloroethane	8.27	62	1005	0.472 ug/L #	74
35) Trichloroethene	8.84	95	4349	2.057 ug/L #	2
36) Methylcyclohexane	9.28	83	12452	3.687 ug/L #	21
40) 1,2-Dichloropropane	9.27	63	5420	3.207 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	968	0.369 ug/L #	66
43) 4-Methyl-2-pentanone	10.22	43	635	0.757 ug/L #	50
45) trans-1,3-Dichloropropene	10.58	75	722	0.325 ug/L	86
49) 2-Hexanone	10.92	43	890	1.763 ug/L #	46
59) 1,2,3-Trichloropropane	13.56	75	3960	3.802 ug/L	99

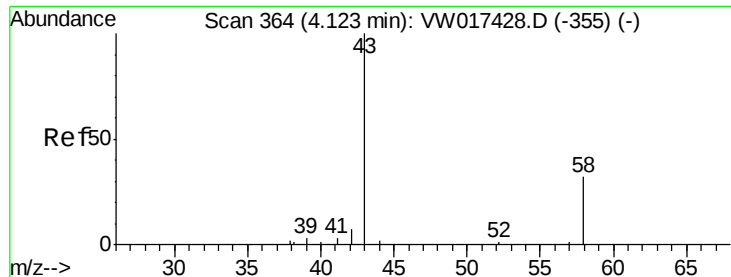
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data File : VW017451.D
Acq On : 21 Nov 2020 05:18
Operator : SY/VA
Sample : L4860-19
Misc : 4.46G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0BH7

Quant Time: Nov 21 05:59:44 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





#13

Acetone

Concen: 0.891 ug/L

RT: 4.12 min Scan# 363

Delta R.T. -0.01 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

Instrument :

MSVOA_W

ClientSampled :

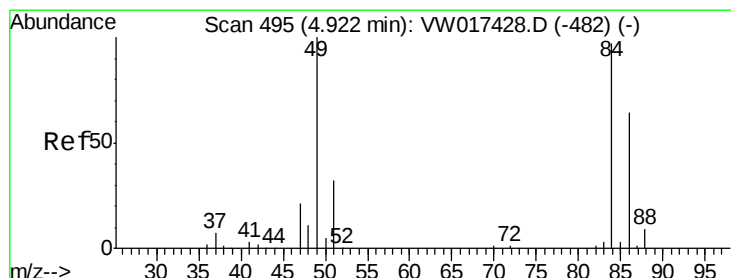
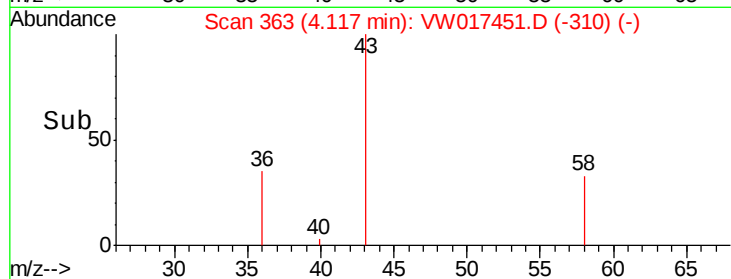
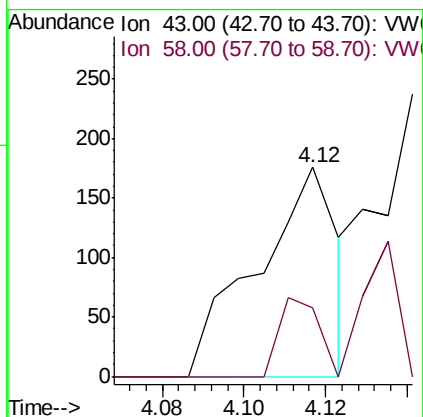
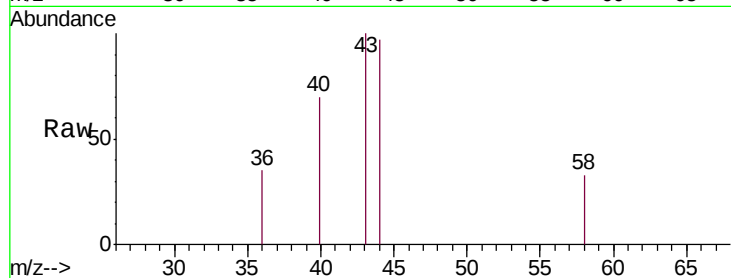
C0BH7

Tgt Ion: 43 Resp: 241

Ion Ratio Lower Upper

43 100

58 18.7 0.0 67.0



#16

Methylene chloride

Concen: 1.712 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

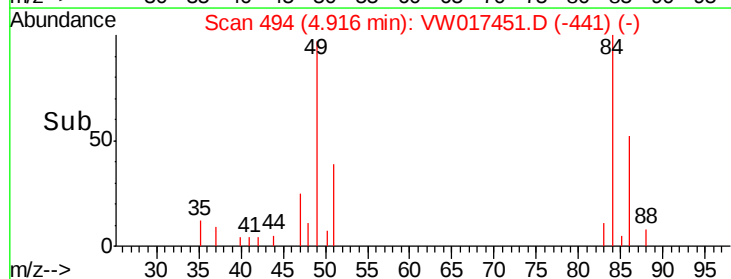
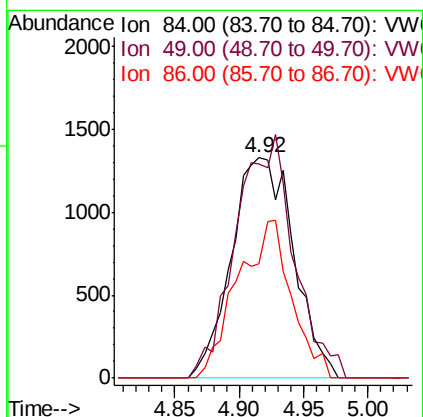
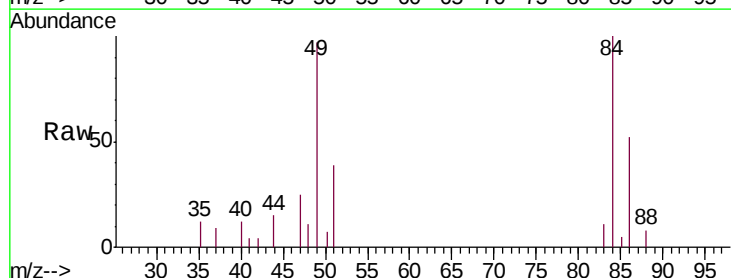
Tgt Ion: 84 Resp: 4465

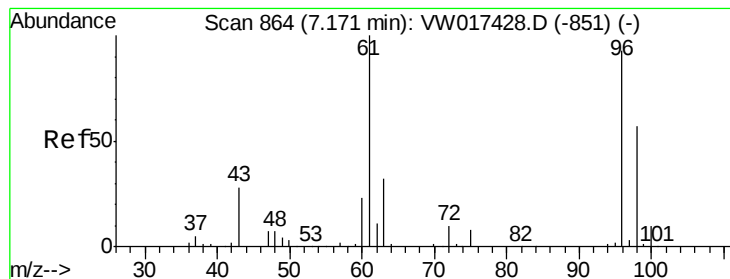
Ion Ratio Lower Upper

84 100

49 97.1 71.5 132.9

86 51.7 42.8 79.4





#21

2-Butanone

Concen: 1.753 ug/L

RT: 7.13 min Scan# 857

Delta R.T. -0.04 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

Instrument :

MSVOA_W

ClientSampleId :

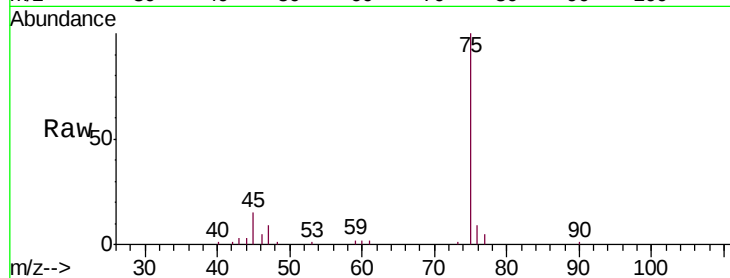
C0BH7

Tgt Ion: 43 Resp: 727

Ion Ratio Lower Upper

43 100

72 0.0 16.4 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.13

300

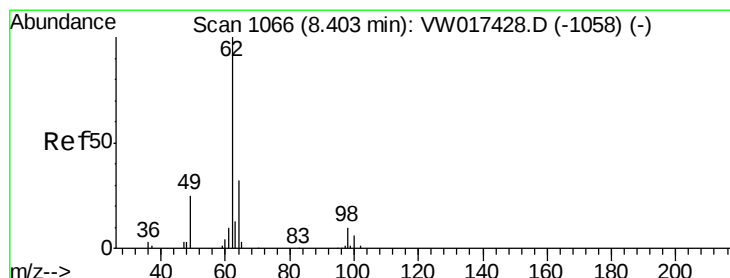
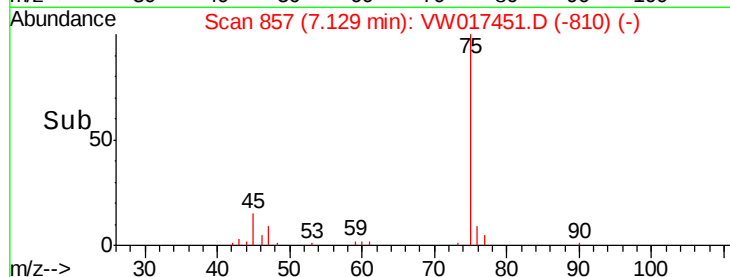
200

100

0

7.10 7.15 7.20

Time-->



#27

1,2-Dichloroethane

Concen: 0.472 ug/L

RT: 8.27 min Scan# 1045

Delta R.T. -0.13 min

Lab File: VW017451.D

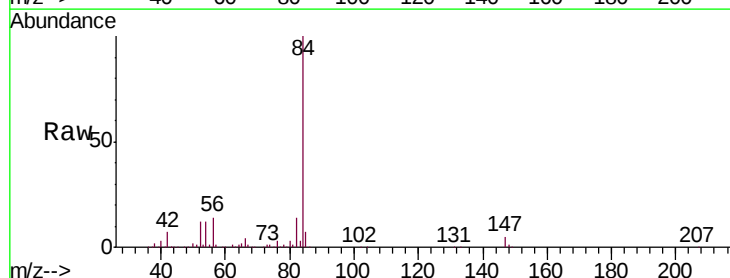
Acq: 21 Nov 2020 05:18

Tgt Ion: 62 Resp: 1005

Ion Ratio Lower Upper

62 100

98 0.0 7.7 11.5#



Abundance Ion 62.00 (61.70 to 62.70): VW

Ion 98.00 (97.70 to 98.70): VW

600

500

400

300

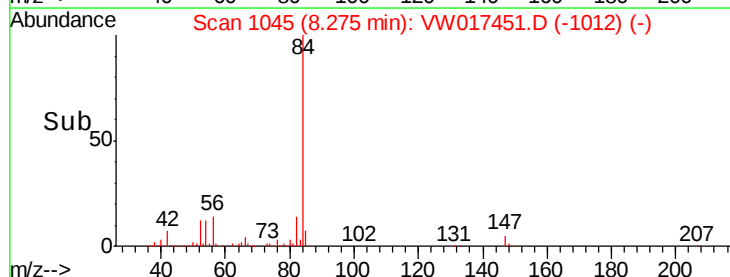
200

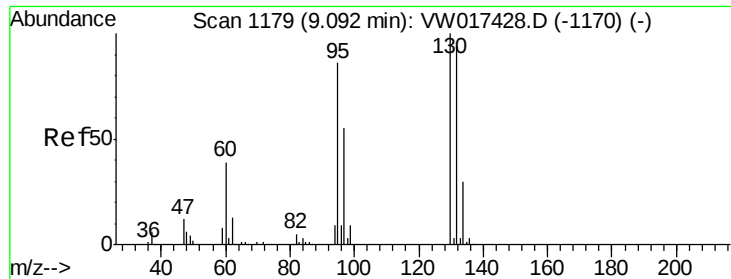
100

0

8.25 8.30

Time-->





#35

Trichloroethene

Concen: 2.057 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

Instrument :

MSVOA_W

ClientSampleId :

C0BH7

Tgt Ion: 95 Resp: 4349

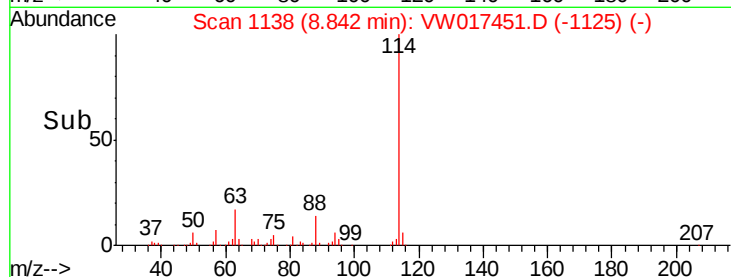
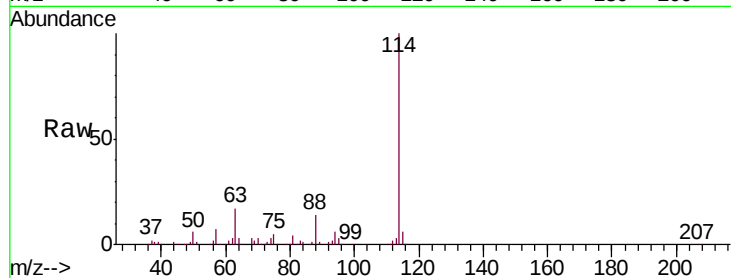
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.0 72.7 134.9#

130 0.0 76.1 141.3#

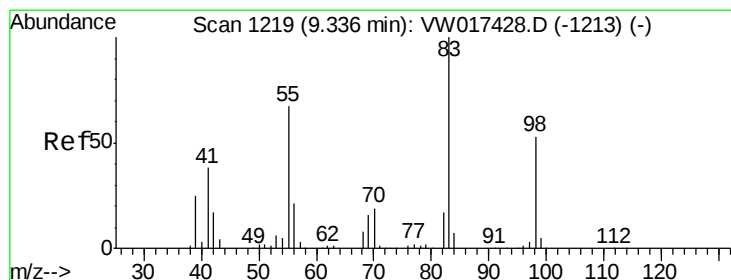
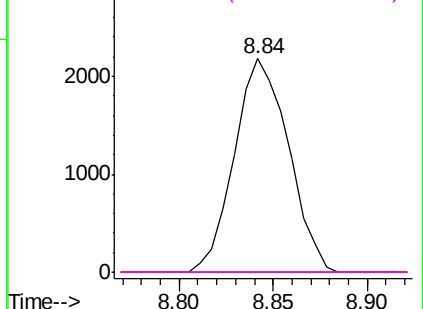


Abundance Ion 95.00 (94.70 to 95.70): VW

Ion 97.00 (96.70 to 97.70): VW

Ion 132.00 (131.70 to 132.70): VW

Ion 130.00 (129.70 to 130.70): VW



#36

Methylcyclohexane

Concen: 3.687 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.05 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

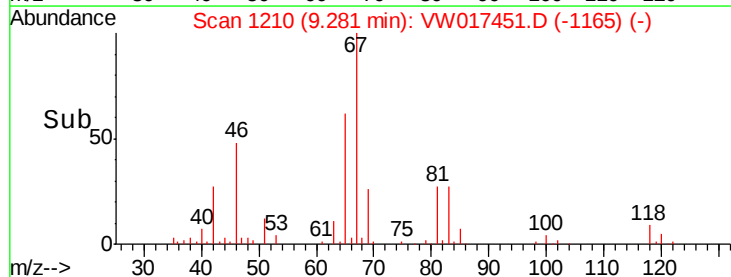
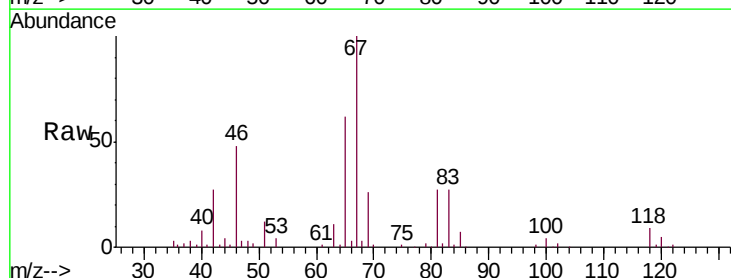
Tgt Ion: 83 Resp: 12452

Ion Ratio Lower Upper

83 100

55 0.0 54.6 81.8#

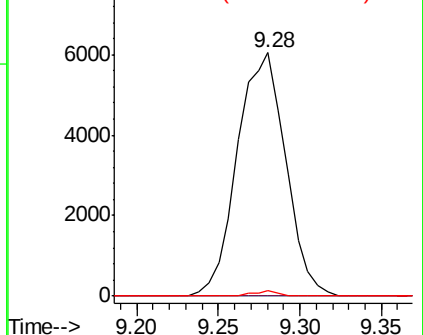
98 1.1 41.5 62.3#

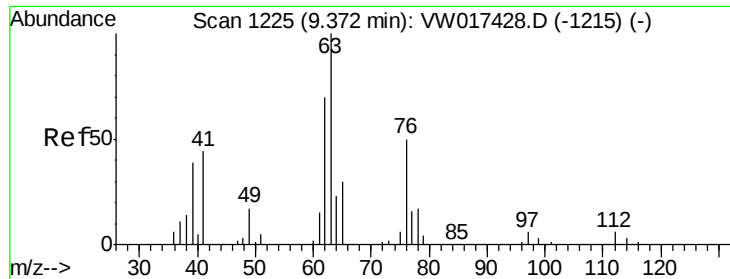


Abundance Ion 83.00 (82.70 to 83.70): VW

Ion 55.00 (54.70 to 55.70): VW

Ion 98.00 (97.70 to 98.70): VW

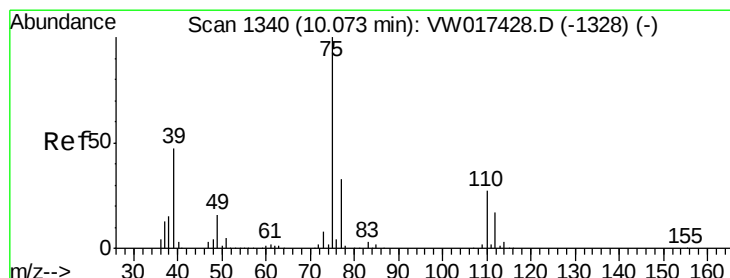
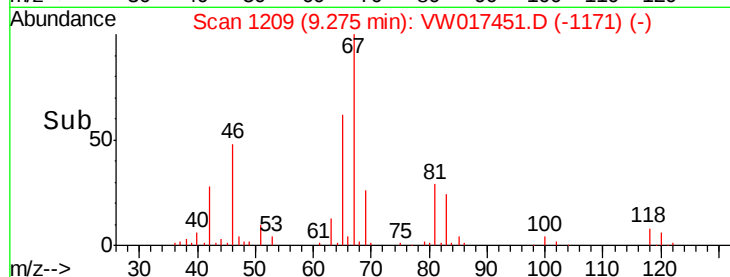
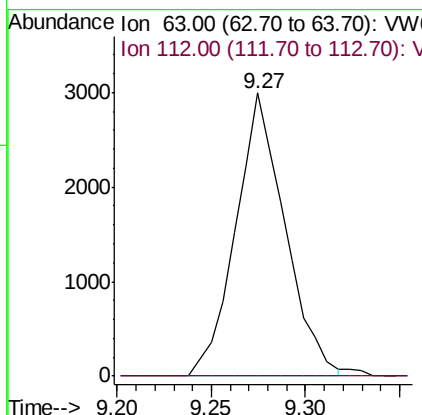
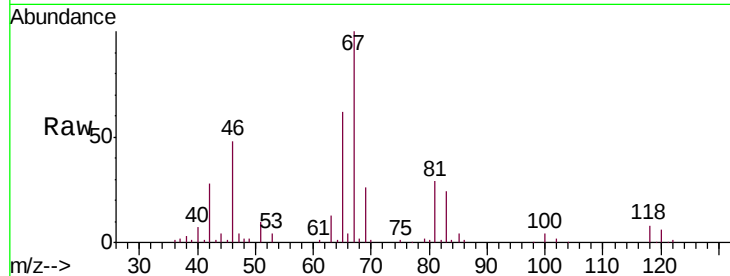




#40
 1,2-Dichloropropane
 Concen: 3.207 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017451.D
 Acq: 21 Nov 2020 05:18

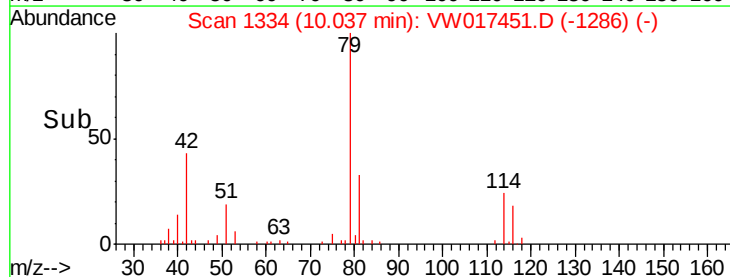
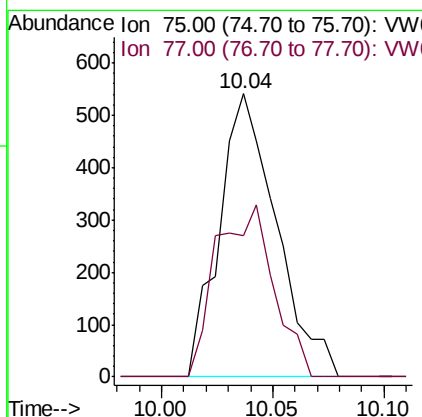
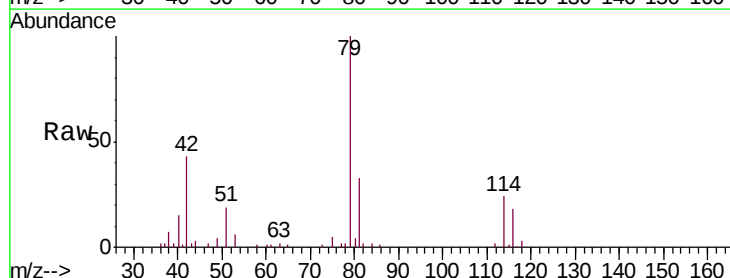
Instrument :
 MSVOA_W
 ClientSampled :
 C0BH7

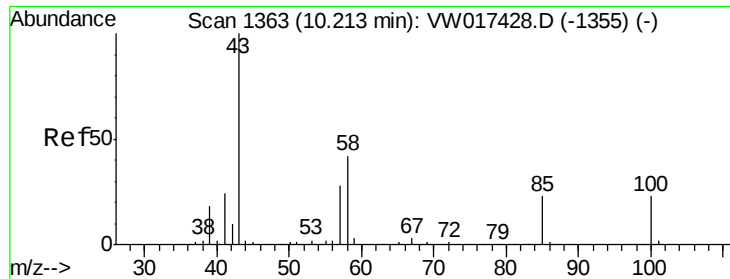
Tgt Ion: 63 Resp: 5420
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.369 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017451.D
 Acq: 21 Nov 2020 05:18

Tgt Ion: 75 Resp: 968
 Ion Ratio Lower Upper
 75 100
 77 49.7 21.8 40.4#





#43

4-Methyl-2-pentanone

Concen: 0.757 ug/L

RT: 10.22 min Scan# 1364

Delta R.T. 0.01 min

Lab File: VW017451.D

Acq: 21 Nov 2020 05:18

Instrument :

MSVOA_W

ClientSampleId :

C0BH7

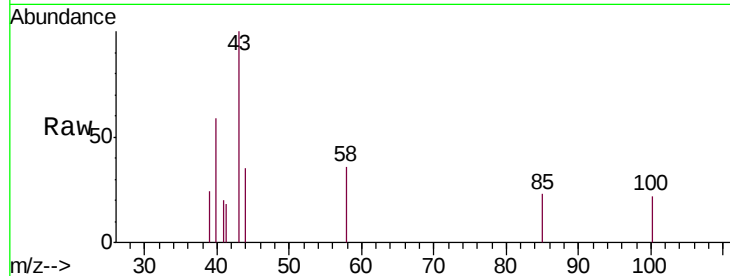
Tgt Ion: 43 Resp: 635

Ion Ratio Lower Upper

43 100

58 3.6 33.4 50.2#

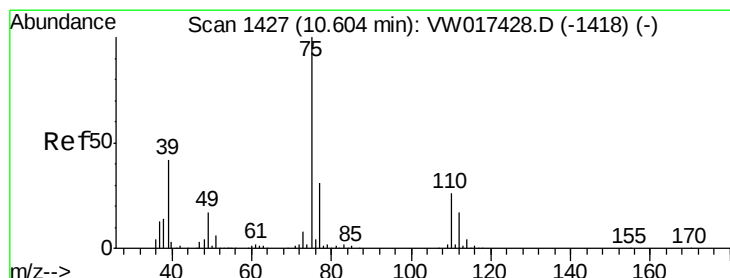
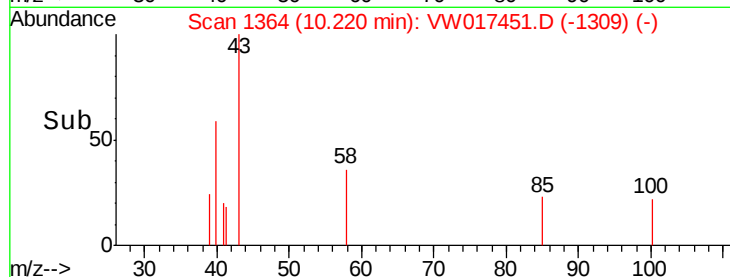
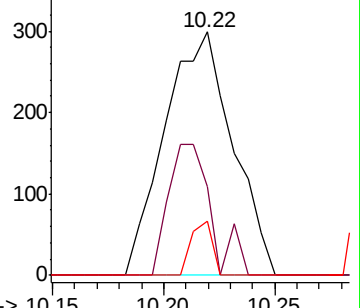
100 6.9 16.3 24.5#



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: 0.325 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.02 min

Lab File: VW017451.D

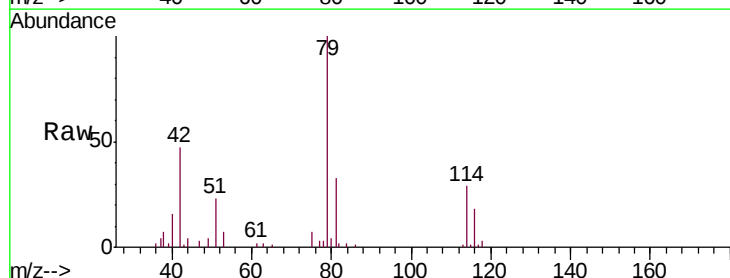
Acq: 21 Nov 2020 05:18

Tgt Ion: 75 Resp: 722

Ion Ratio Lower Upper

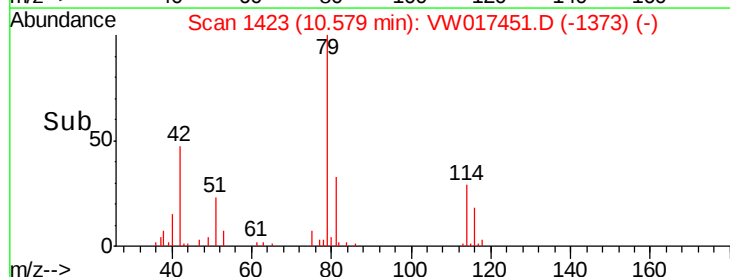
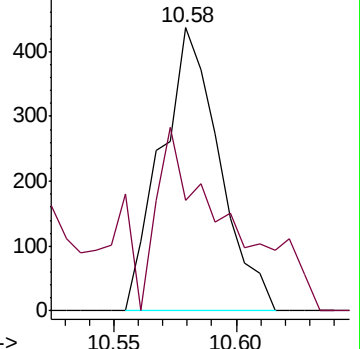
75 100

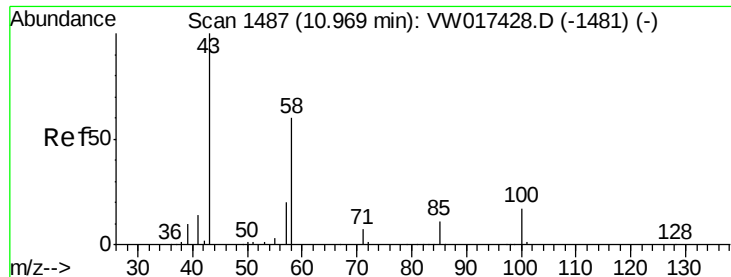
77 39.1 22.0 40.8



Abundance Ion 75.00 (74.70 to 75.70): VW

Ion 77.00 (76.70 to 77.70): VW

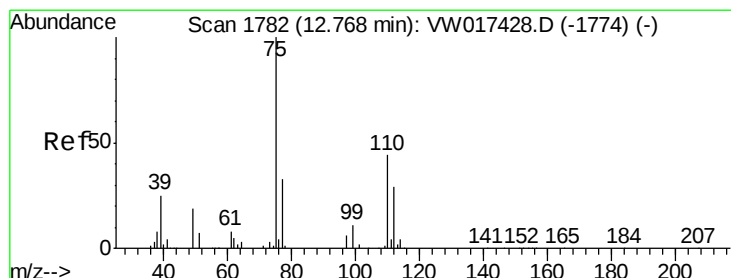
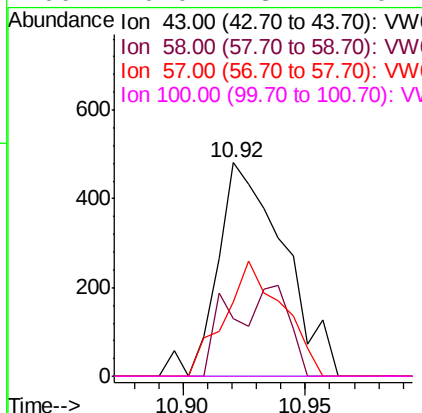
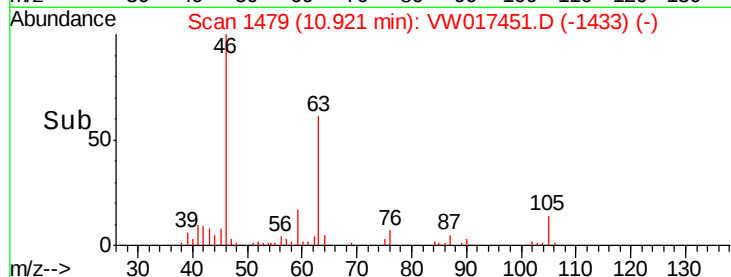
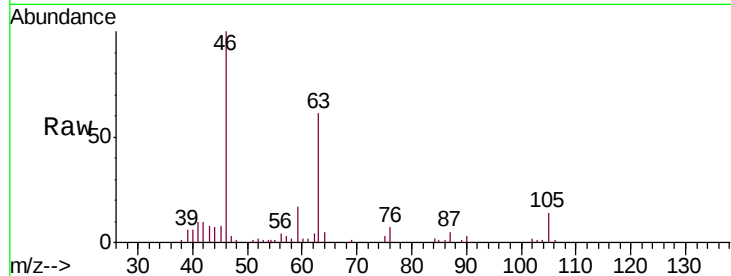




#49
2-Hexanone
Concen: 1.763 ug/L
RT: 10.92 min Scan# 1479
Delta R.T. -0.05 min
Lab File: VW017451.D
Acq: 21 Nov 2020 05:18

Instrument :
MSVOA_W
ClientSampleId :
C0BH7

Tgt Ion: 43 Resp: 890
Ion Ratio Lower Upper
43 100
58 17.8 49.4 74.0#
57 48.3 17.0 25.4#
100 0.0 13.1 19.7#



#59
1,2,3-Trichloropropane
Concen: 3.802 ug/L
RT: 13.56 min Scan# 1912
Delta R.T. 0.79 min
Lab File: VW017451.D
Acq: 21 Nov 2020 05:18

Tgt Ion: 75 Resp: 3960
Ion Ratio Lower Upper
75 100
77 32.8 26.6 40.0

