

Data File : VW017442.D
Acq On : 21 Nov 2020 01:46
Operator : SY/VA
Sample : L4860-03
Misc : 4.76G/10ML/MSVOA_W/SOIL
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B09

Quant Time: Nov 21 02:30:02 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	308434	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	255232	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	88659	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	99748	21.84	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	87.36%
7) Chloroethane-d5	2.89	69	85568	23.59	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	94.36%
10) 1,1-Dichloroethene-d2	4.01	63	137031	17.16	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	68.64%
20) 2-Butanone-d5	7.08	46	32958	43.95	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	87.90%
24) Chloroform-d	7.65	84	208486	25.73	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	102.92%
26) 1,2-Dichloroethane-d4	8.31	65	110867	28.32	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	113.28%
29) Benzene-d6	8.27	84	383467	26.65	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	106.60%
33) 1,2-Dichloropropane-d6	9.27	67	109828	28.65	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	114.60%
37) Toluene-d8	10.32	98	339023	25.03	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	100.12%
38) trans-1,3-Dichloropropene-	10.58	79	21418	12.83	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	51.32%
39) 2-Hexanone-d5	10.93	63	17060	33.19	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	66.38%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	84975	29.25	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	117.00%
61) 1,2-Dichlorobenzene-d4	13.85	152	88708	27.10	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	108.40%

Target Compounds

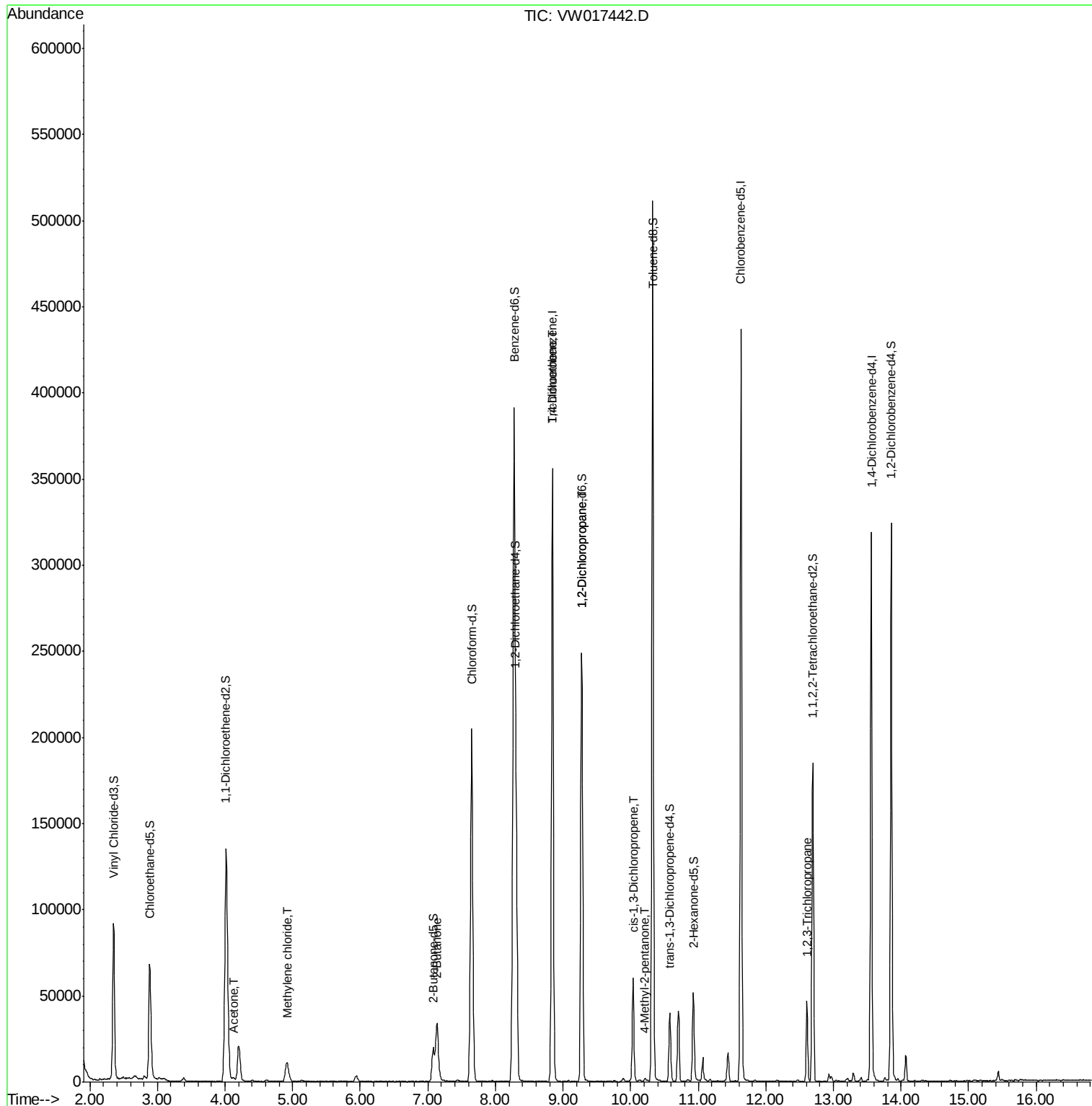
					Qvalue
13) Acetone	4.13	43	3675	6.717 ug/L	98
16) Methylene chloride	4.92	84	10151	1.924 ug/L	95
21) 2-Butanone	7.14	43	1510	1.800 ug/L #	58
35) Trichloroethene	8.84	95	9361	2.295 ug/L #	2
40) 1,2-Dichloropropane	9.27	63	13311	4.081 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	1989	0.393 ug/L #	61
43) 4-Methyl-2-pentanone	10.21	43	1525	0.942 ug/L #	93
59) 1,2,3-Trichloropropane	12.60	75	409	0.204 ug/L	96

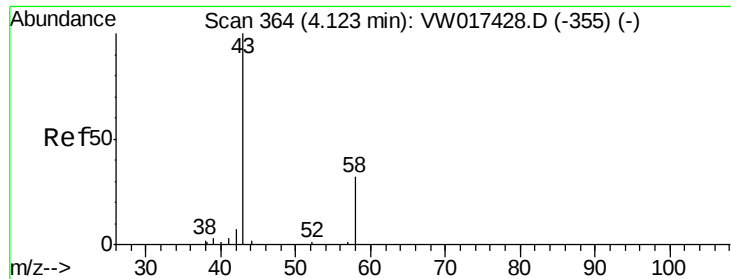
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 6.717 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

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Acq: 21 Nov 2020 01:46

Instrument :

MSVOA_W

ClientSampled :

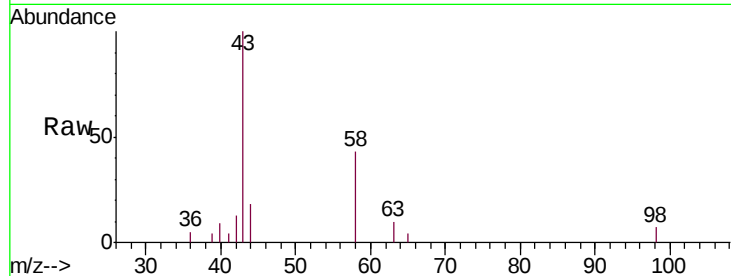
C0B09

Tgt Ion: 43 Resp: 3675

Ion Ratio Lower Upper

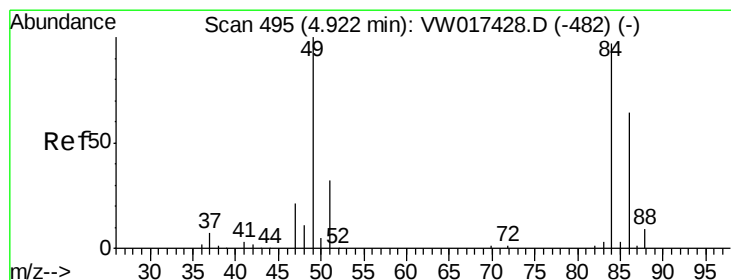
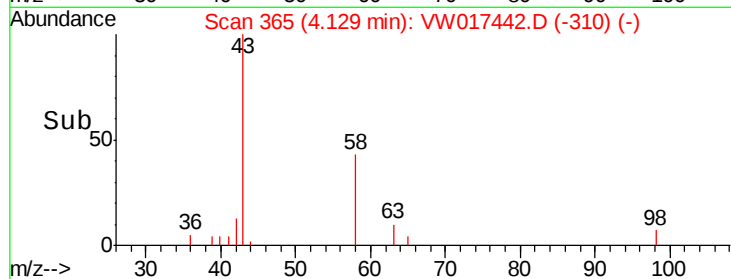
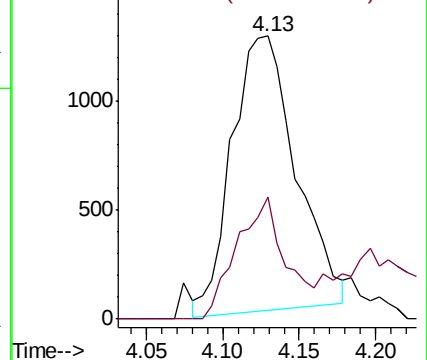
43 100

58 34.5 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: 1.924 ug/L

RT: 4.92 min Scan# 494

Delta R.T. -0.01 min

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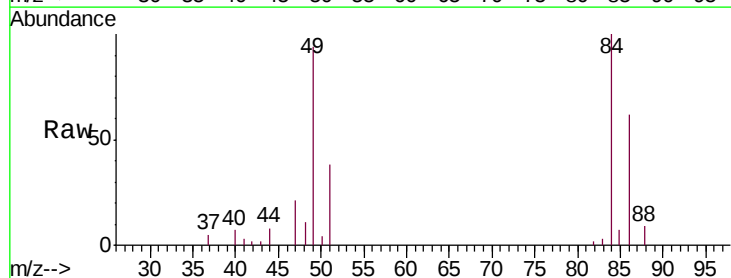
Tgt Ion: 84 Resp: 10151

Ion Ratio Lower Upper

84 100

49 94.1 71.5 132.9

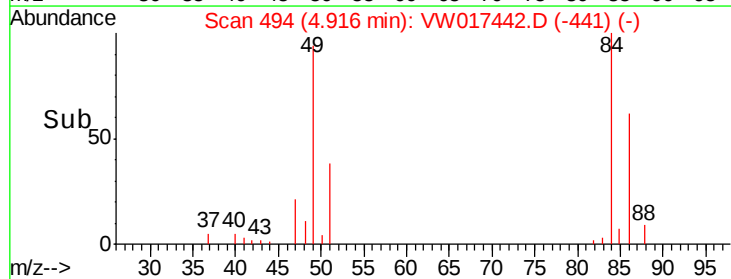
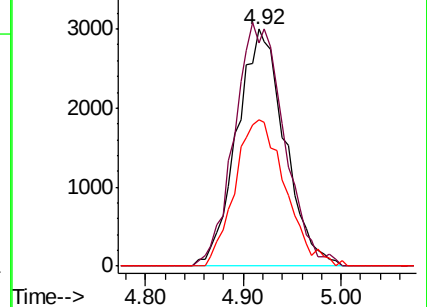
86 61.9 42.8 79.4

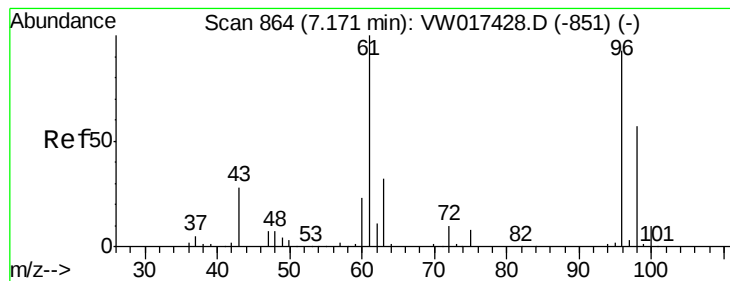


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.800 ug/L

RT: 7.14 min Scan# 859

Delta R.T. -0.03 min

Lab File: VW017442.D

Acq: 21 Nov 2020 01:46

Instrument :

MSVOA_W

ClientSampled :

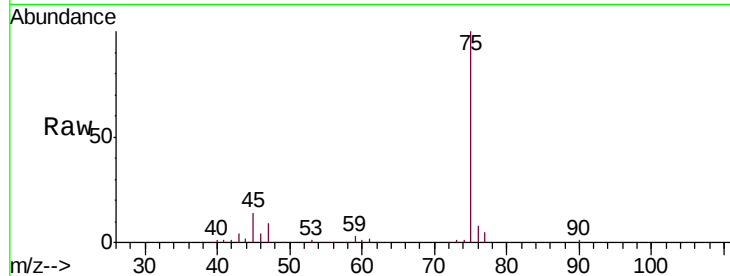
C0B09

Tgt Ion: 43 Resp: 1510

Ion Ratio Lower Upper

43 100

72 9.1 16.4 49.1#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 72.00 (71.70 to 72.70): VW

7.14

800

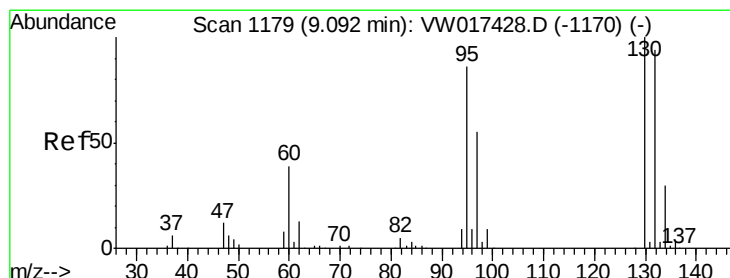
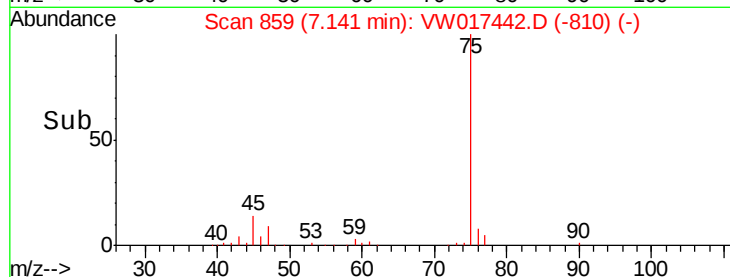
600

400

200

0

Time--> 7.05 7.10 7.15



#35

Trichloroethene

Concen: 2.295 ug/L

RT: 8.84 min Scan# 1138

Delta R.T. -0.25 min

Lab File: VW017442.D

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Tgt Ion: 95 Resp: 9361

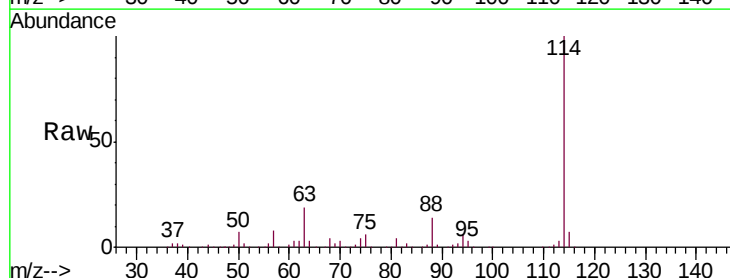
Ion Ratio Lower Upper

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

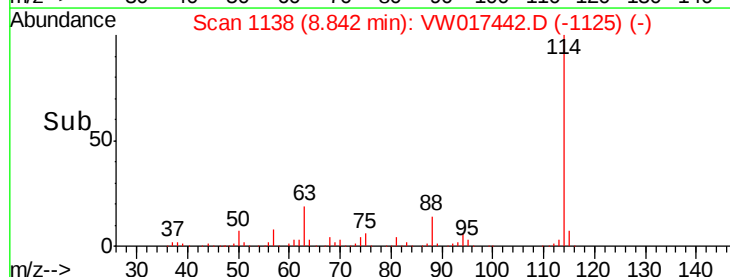
6000

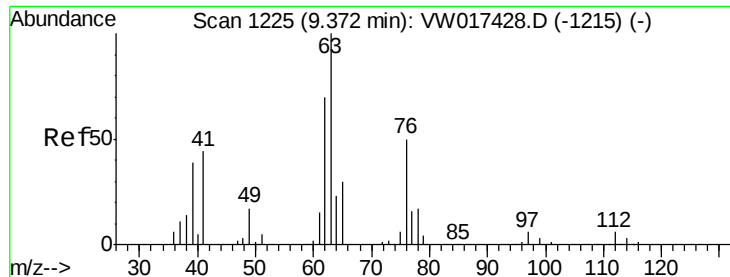
4000

2000

0

Time--> 8.80 8.85 8.90

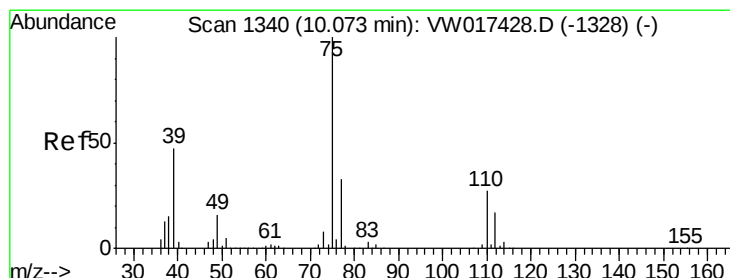
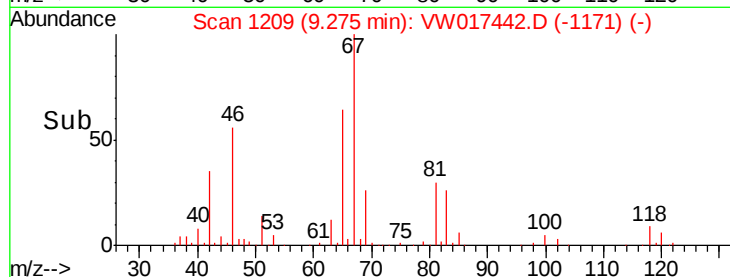
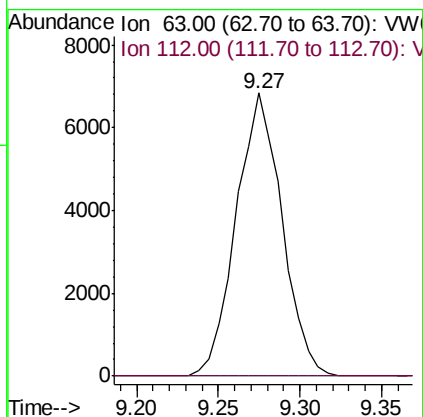
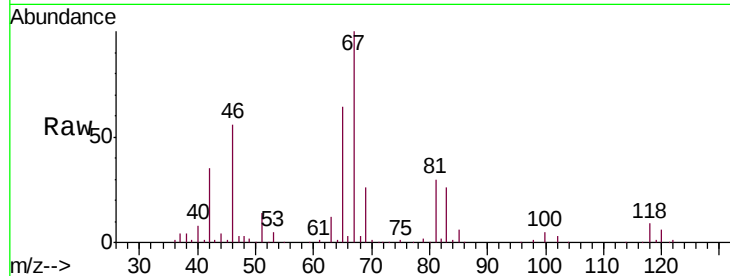




#40
 1,2-Dichloropropane
 Concen: 4.081 ug/L
 RT: 9.27 min Scan# 1209
 Delta R.T. -0.10 min
 Lab File: VW017442.D
 Acq: 21 Nov 2020 01:46

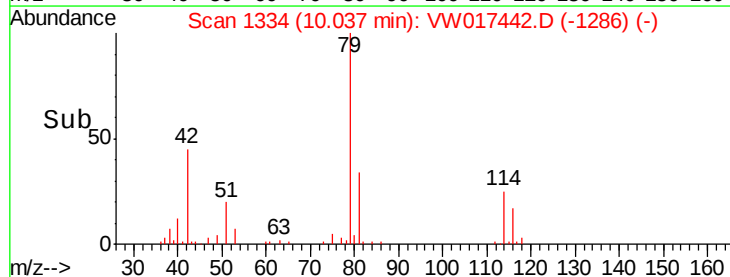
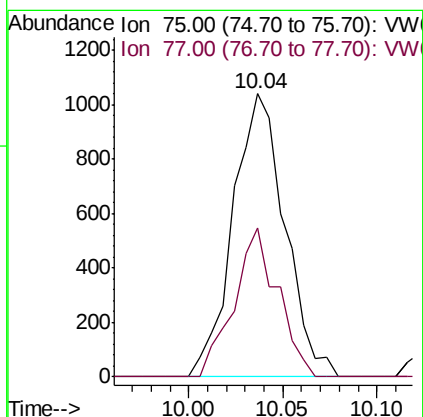
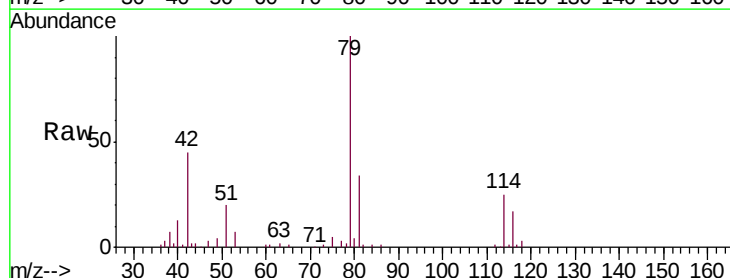
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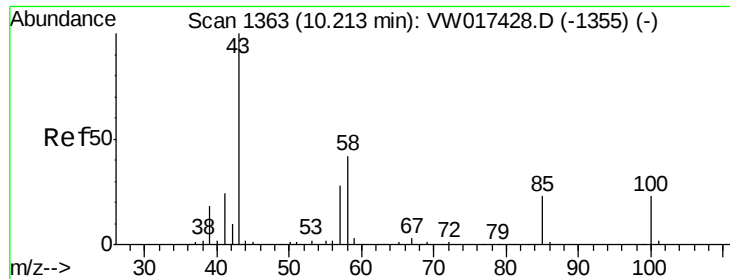
Tgt Ion: 63 Resp: 13311
 Ion Ratio Lower Upper
 63 100
 112 0.0 4.2 6.4#



#42
 cis-1,3-Dichloropropene
 Concen: 0.393 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
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Tgt Ion: 75 Resp: 1989
 Ion Ratio Lower Upper
 75 100
 77 52.6 21.8 40.4#

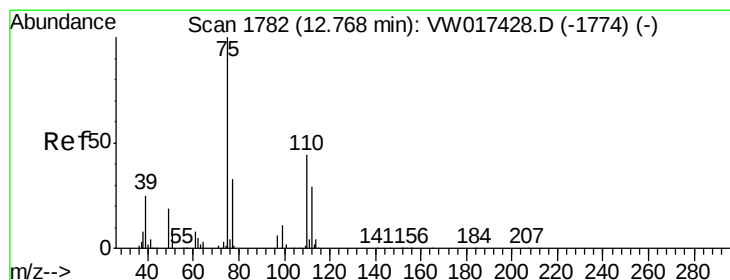
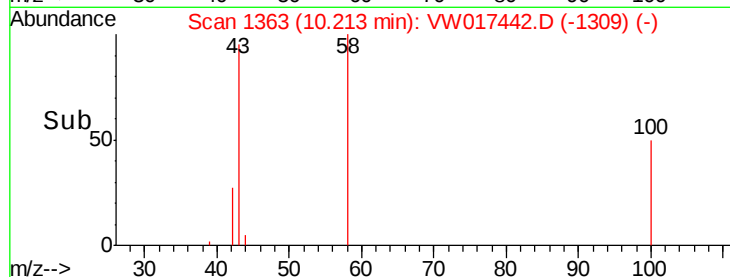
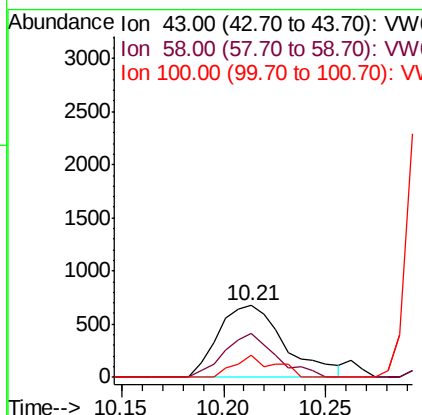
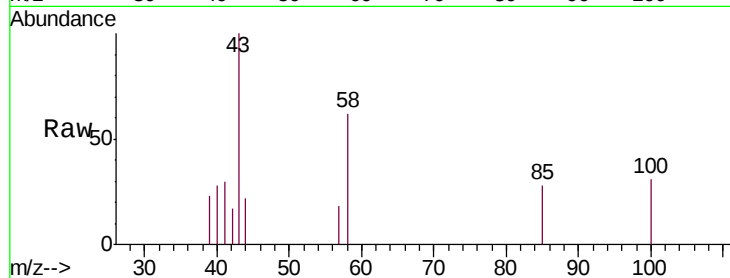




#43
4-Methyl-2-pentanone
Concen: 0.942 ug/L
RT: 10.21 min Scan# 1363
Delta R.T. -0.00 min
Lab File: VW017442.D
Acq: 21 Nov 2020 01:46

Instrument :
MSVOA_W
ClientSampleId :
C0B09

Tgt Ion: 43 Resp: 1525
Ion Ratio Lower Upper
43 100
58 43.3 33.4 50.2
100 12.6 16.3 24.5#



#59
1,2,3-Trichloropropane
Concen: 0.204 ug/L
RT: 12.60 min Scan# 1755
Delta R.T. -0.16 min
Lab File: VW017442.D
Acq: 21 Nov 2020 01:46

Tgt Ion: 75 Resp: 409
Ion Ratio Lower Upper
75 100
77 35.7 26.6 40.0

