

Data File : VW017335.D
Acq On : 18 Nov 2020 18:18
Operator : SY/VA
Sample : L4711-21RE
Misc : 5.20G/10ML/MSVOA_W/SOIL
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
C0B07

Quant Time: Nov 19 05:06:27 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	8.84	114	382316	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	338319	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	139317	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	135833	24.00	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	96.00%
7) Chloroethane-d5	2.90	69	109086	24.26	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	97.04%
10) 1,1-Dichloroethene-d2	4.02	63	174461	17.62	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	70.48%
20) 2-Butanone-d5	7.08	46	37157	39.97	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.94%
24) Chloroform-d	7.65	84	235399	23.44	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	93.76%
26) 1,2-Dichloroethane-d4	8.31	65	119729	24.67	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	98.68%
29) Benzene-d6	8.28	84	465743	24.42	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	97.68%
33) 1,2-Dichloropropane-d6	9.27	67	126640	24.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	99.68%
37) Toluene-d8	10.33	98	433484	24.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	96.56%
38) trans-1,3-Dichloropropene-	10.58	79	49009	22.15	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	88.60%
39) 2-Hexanone-d5	10.93	63	29044	42.63	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	85.26%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	91464	23.76	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	95.04%
61) 1,2-Dichlorobenzene-d4	13.86	152	126443	24.59	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	98.36%

Target Compounds

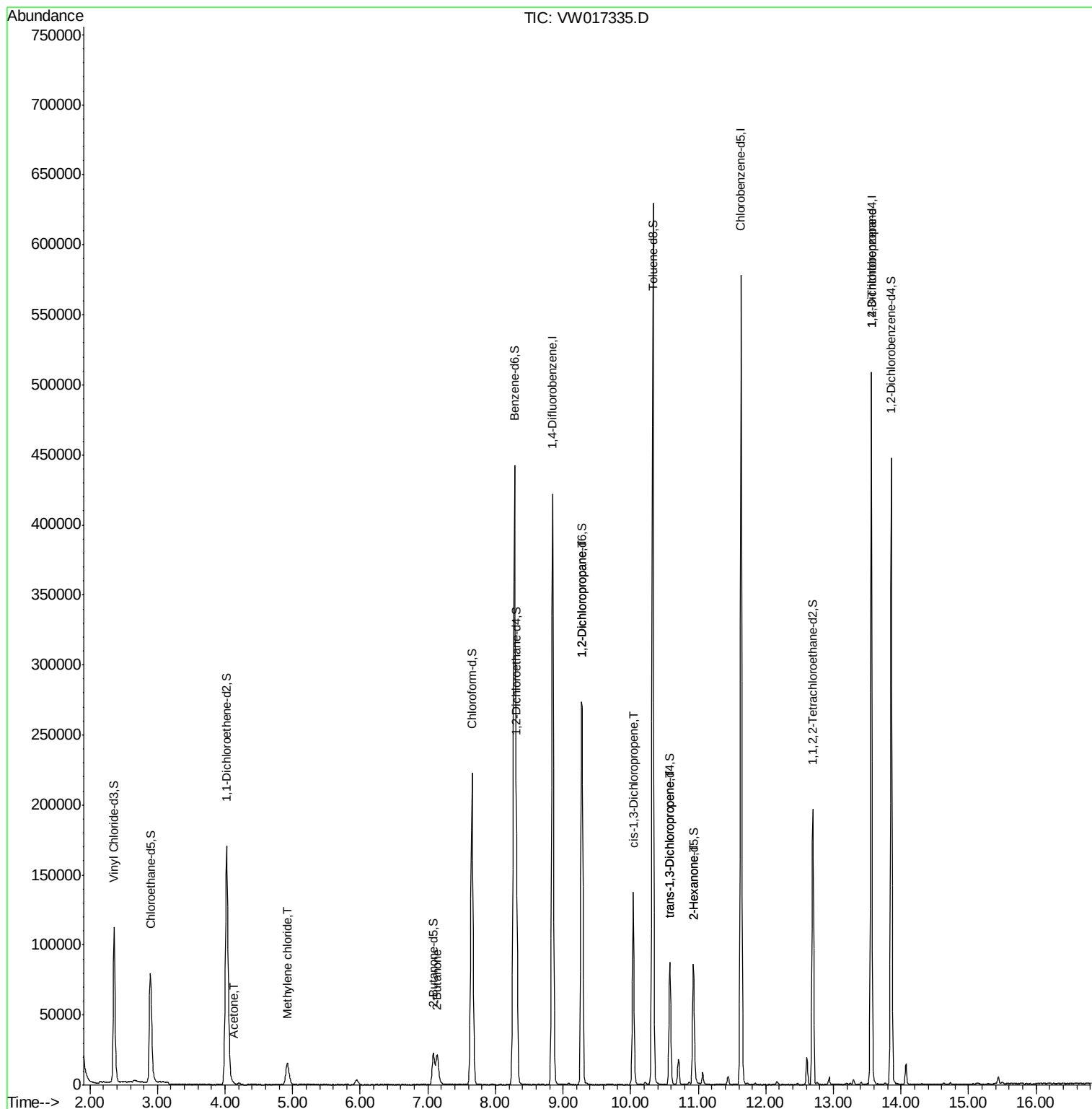
					Qvalue
13) Acetone	4.13	43	507	0.748 ug/L	92
16) Methylene chloride	4.93	84	13598	2.079 ug/L	95
21) 2-Butanone	7.13	43	1360	1.308 ug/L #	42
40) 1,2-Dichloropropane	9.28	63	14984	3.466 ug/L #	86
42) cis-1,3-Dichloropropene	10.04	75	3666	0.546 ug/L #	73
45) trans-1,3-Dichloropropene	10.59	75	2504	0.440 ug/L #	81
49) 2-Hexanone	10.93	43	3732	2.890 ug/L #	64
59) 1,2,3-Trichloropropane	13.55	75	14645	5.497 ug/L	98

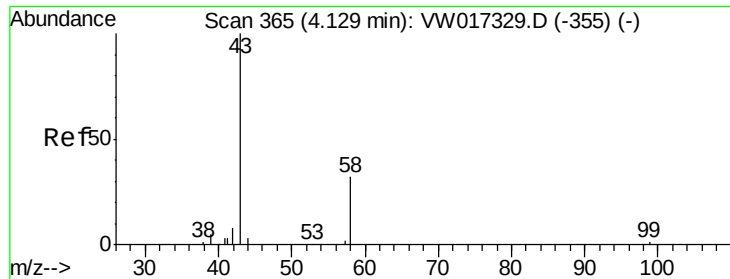
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 0.748 ug/L

RT: 4.13 min Scan# 365

Delta R.T. -0.00 min

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MSVOA_W

ClientSampleId :

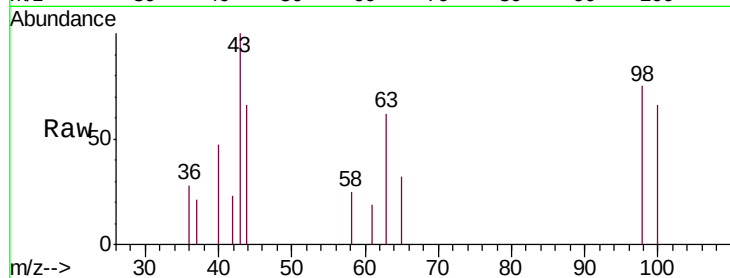
C0B07

Tgt Ion: 43 Resp: 507

Ion Ratio Lower Upper

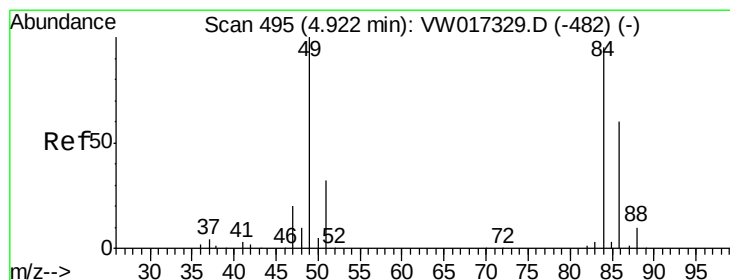
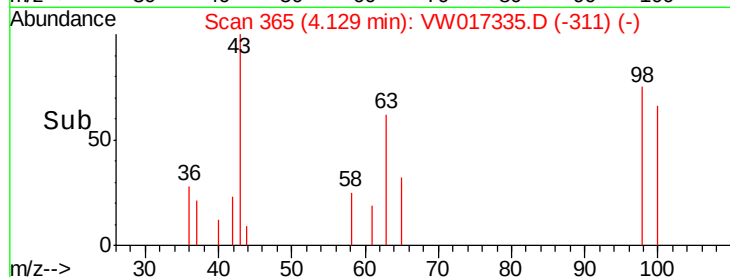
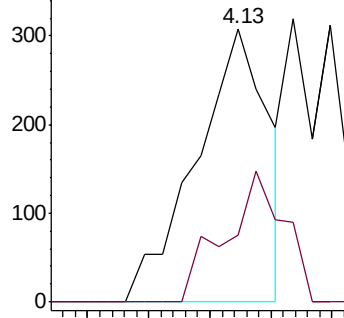
43 100

58 29.2 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: 2.079 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

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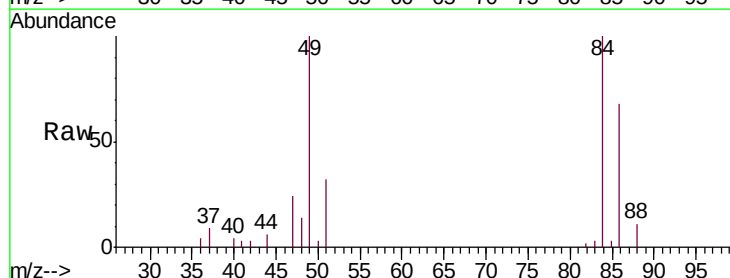
Tgt Ion: 84 Resp: 13598

Ion Ratio Lower Upper

84 100

49 100.3 71.5 132.9

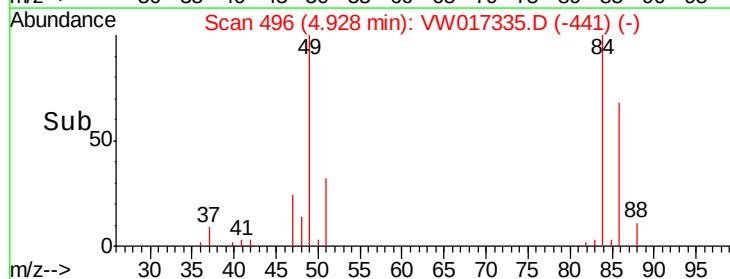
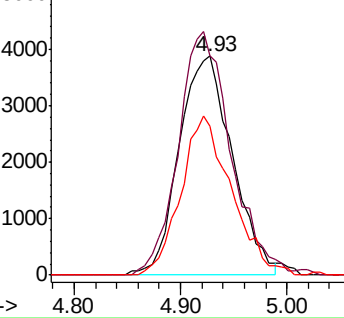
86 67.9 42.8 79.4

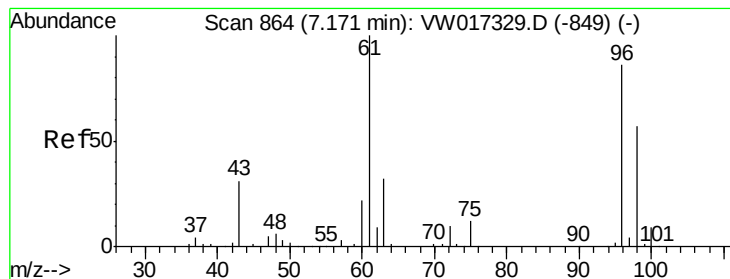


Abundance Ion 84.00 (83.70 to 84.70): VW

Ion 49.00 (48.70 to 49.70): VW

Ion 86.00 (85.70 to 86.70): VW





#21

2-Butanone

Concen: 1.308 ug/L

RT: 7.13 min Scan# 858

Delta R.T. -0.04 min

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Instrument :

MSVOA_W

ClientSampleId :

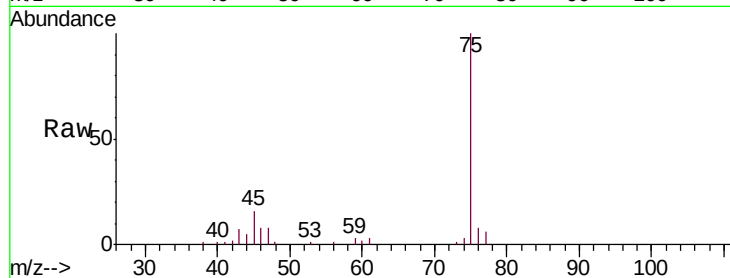
C0B07

Tgt Ion: 43 Resp: 1360

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

800

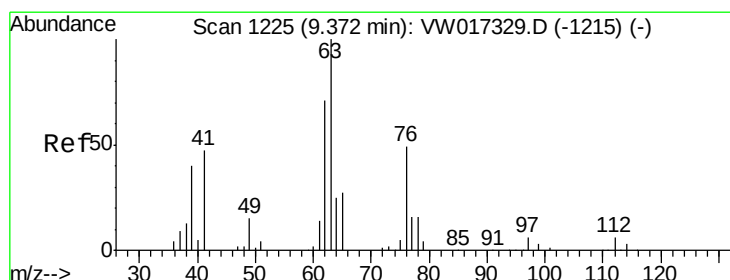
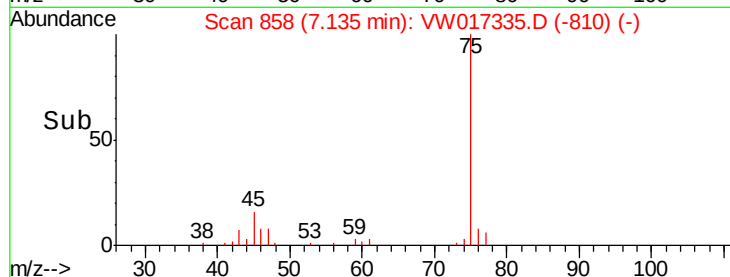
600

400

200

0

Time--> 7.05 7.10 7.15



#40

1,2-Dichloropropane

Concen: 3.466 ug/L

RT: 9.28 min Scan# 1210

Delta R.T. -0.09 min

Lab File: VW017335.D

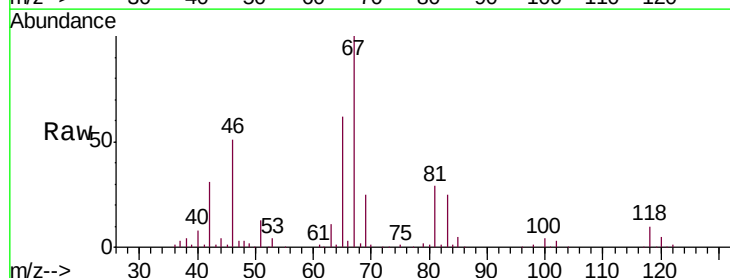
Acq: 18 Nov 2020 18:18

Tgt Ion: 63 Resp: 14984

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

9.28

8000

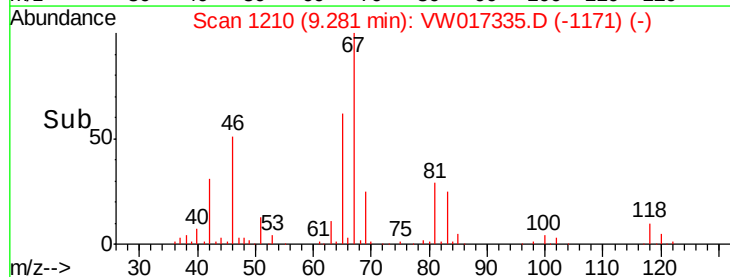
6000

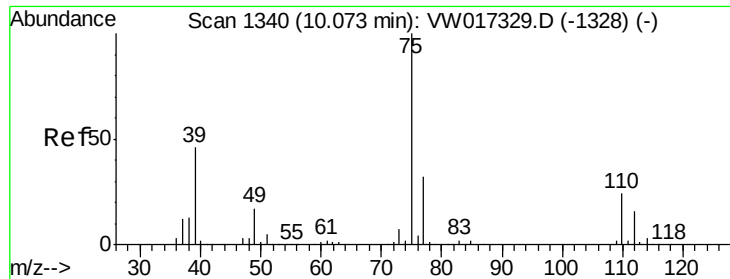
4000

2000

0

Time--> 9.20 9.25 9.30 9.35

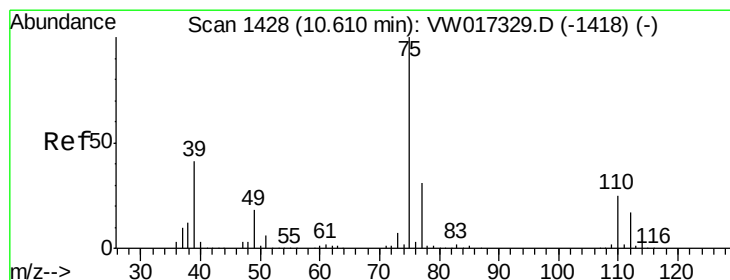
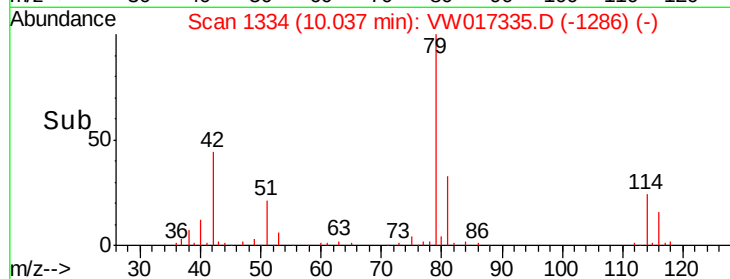
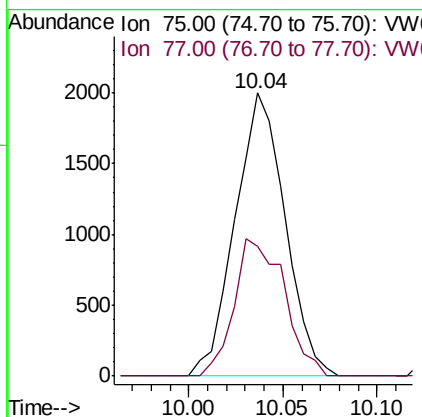
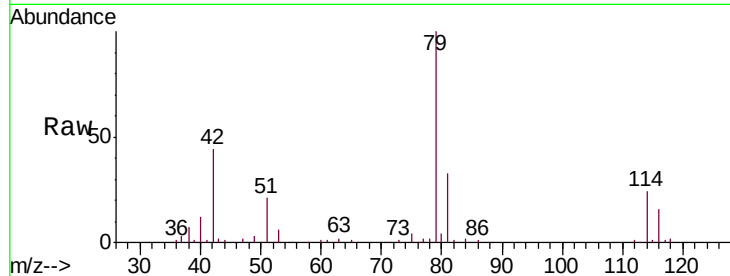




#42
 cis-1,3-Dichloropropene
 Concen: 0.546 ug/L
 RT: 10.04 min Scan# 1334
 Delta R.T. -0.04 min
 Lab File: VW017335.D
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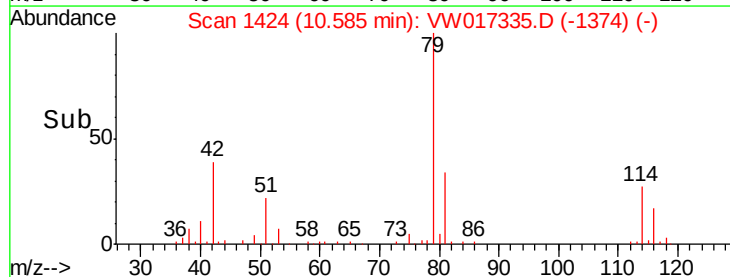
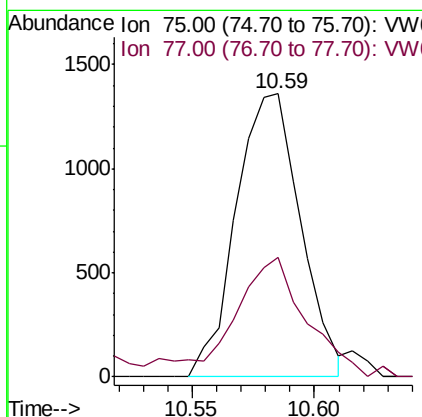
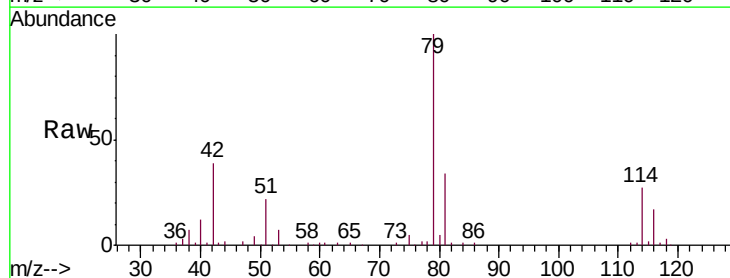
Instrument :
 MSVOA_W
 ClientSampled :
 C0B07

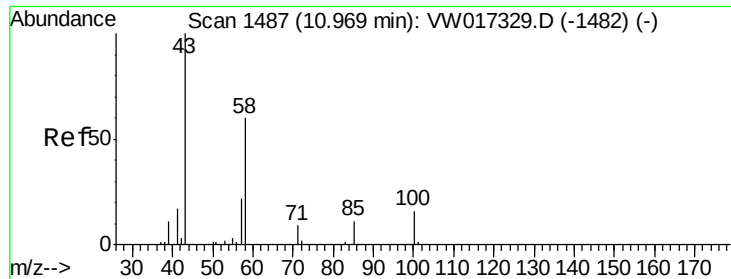
Tgt Ion: 75 Resp: 3666
 Ion Ratio Lower Upper
 75 100
 77 45.7 21.8 40.4#



#45
 trans-1,3-Dichloropropene
 Concen: 0.440 ug/L
 RT: 10.59 min Scan# 1424
 Delta R.T. -0.02 min
 Lab File: VW017335.D
 Acq: 18 Nov 2020 18:18

Tgt Ion: 75 Resp: 2504
 Ion Ratio Lower Upper
 75 100
 77 42.1 22.0 40.8#





#49

2-Hexanone

Concen: 2.890 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017335.D

Acq: 18 Nov 2020 18:18

Instrument :

MSVOA_W

ClientSampleId :

C0B07

Tgt Ion: 43 Resp: 3732

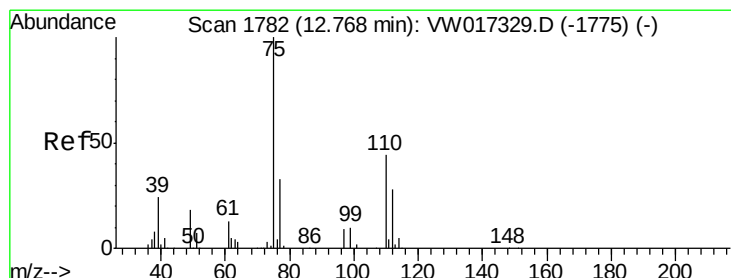
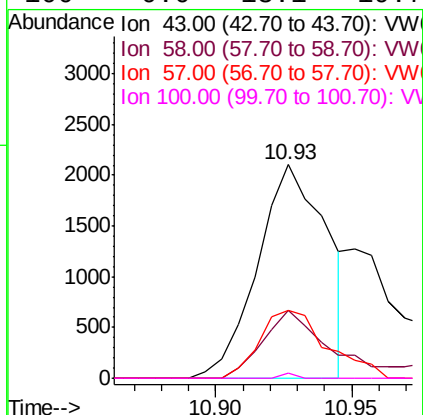
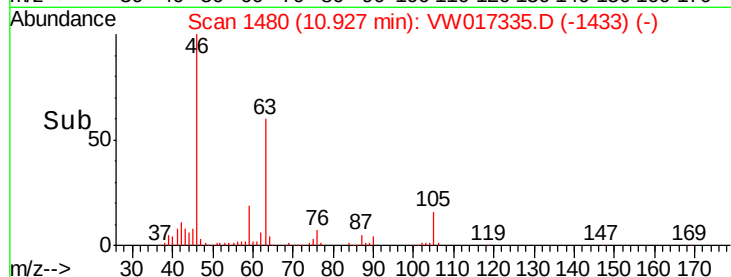
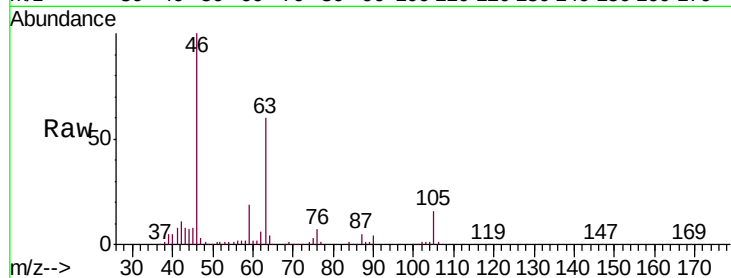
Ion Ratio Lower Upper

43 100

58 30.1 49.4 74.0#

57 31.0 17.0 25.4#

100 0.0 13.1 19.7#



#59

1,2,3-Trichloropropane

Concen: 5.497 ug/L

RT: 13.55 min Scan# 1911

Delta R.T. 0.79 min

Lab File: VW017335.D

Acq: 18 Nov 2020 18:18

Tgt Ion: 75 Resp: 14645

Ion Ratio Lower Upper

75 100

77 32.3 26.6 40.0

