

Data File : VW017332.D
Acq On : 18 Nov 2020 17:08
Operator : SY/VA
Sample : L4710-17
Misc : 5.10G/10ML/MSVOA_W/SOIL
ALS Vial : 16 Sample Multiplier: 1

Instrument :
MSVOA_W
ClientSampleId :
VHBLK01

Quant Time: Nov 19 05:04:41 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	8.85	114	421924	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	383233	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	186959	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.36	65	116210	18.60	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	74.40%
7) Chloroethane-d5	2.90	69	95599	19.27	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	77.08%
10) 1,1-Dichloroethene-d2	4.02	63	158461	14.50	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	58.00%
20) 2-Butanone-d5	7.08	46	40864	39.84	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	79.68%
24) Chloroform-d	7.65	84	213101	19.23	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	76.92%
26) 1,2-Dichloroethane-d4	8.31	65	108146	20.19	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	80.76%
29) Benzene-d6	8.28	84	437929	20.27	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	81.08%
33) 1,2-Dichloropropane-d6	9.28	67	117191	20.36	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	81.44%
37) Toluene-d8	10.33	98	409100	20.11	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	80.44%
38) trans-1,3-Dichloropropene-	10.58	79	48695	19.43	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	77.72%
39) 2-Hexanone-d5	10.93	63	31626	40.98	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	81.96%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	89523	20.53	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	82.12%
61) 1,2-Dichlorobenzene-d4	13.85	152	143378	20.77	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	83.08%

Target Compounds

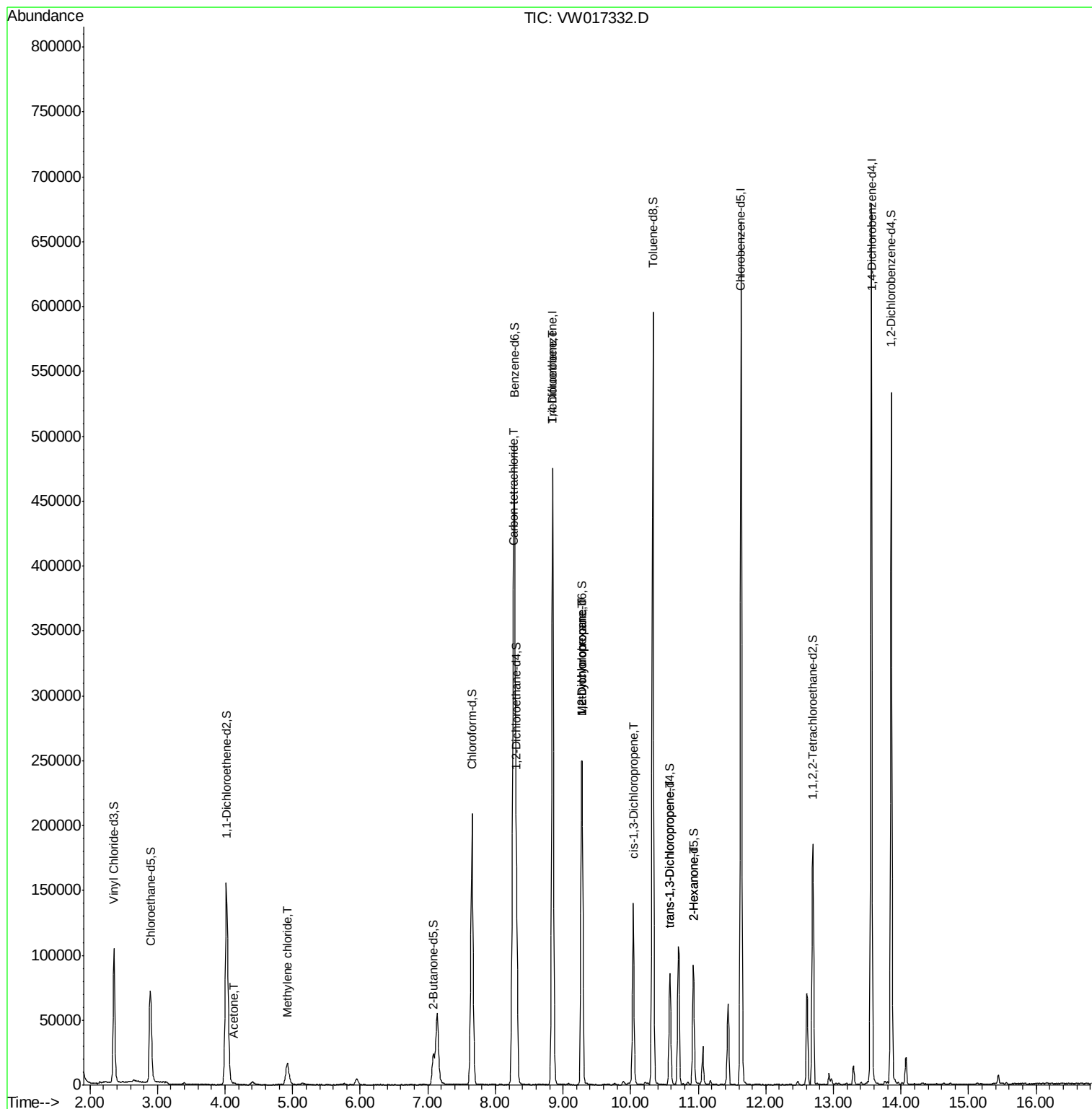
					Qvalue
13) Acetone	4.14	43	1591	2.126 ug/L	65
16) Methylene chloride	4.93	84	14954	2.072 ug/L	98
32) Carbon tetrachloride	8.26	117	2668	0.312 ug/L #	16
35) Trichloroethene	8.85	95	12427	2.029 ug/L #	2
36) Methylcyclohexane	9.27	83	30737	3.141 ug/L #	21
40) 1,2-Dichloropropane	9.28	63	13726	2.803 ug/L #	84
42) cis-1,3-Dichloropropene	10.04	75	3673	0.483 ug/L #	74
45) trans-1,3-Dichloropropene	10.58	75	2487	0.386 ug/L	93
49) 2-Hexanone	10.93	43	3746	2.561 ug/L #	62

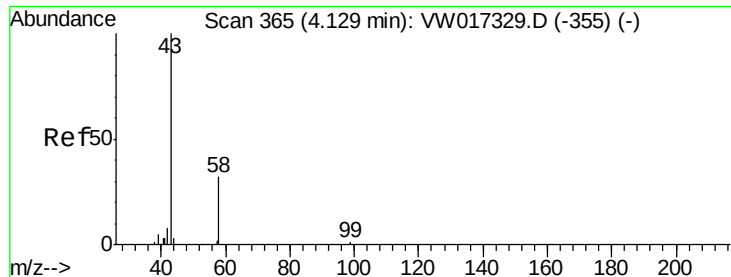
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 2.126 ug/L

RT: 4.14 min Scan# 366

Delta R.T. 0.01 min

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MSVOA_W

ClientSampleId :

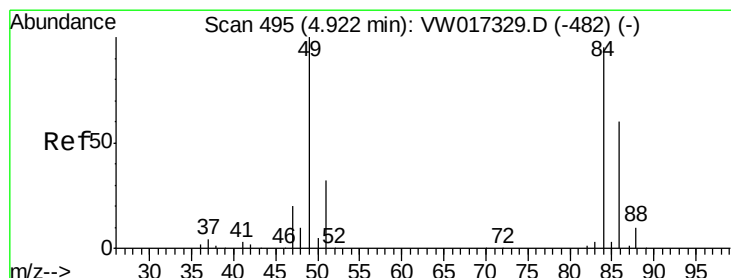
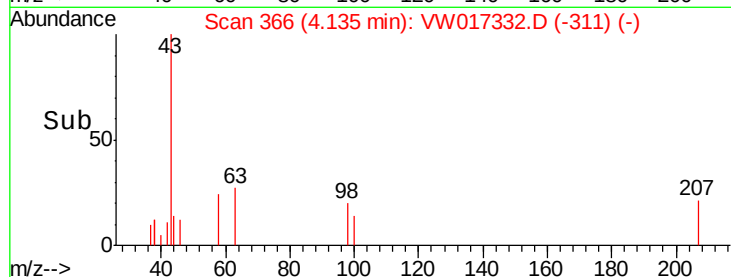
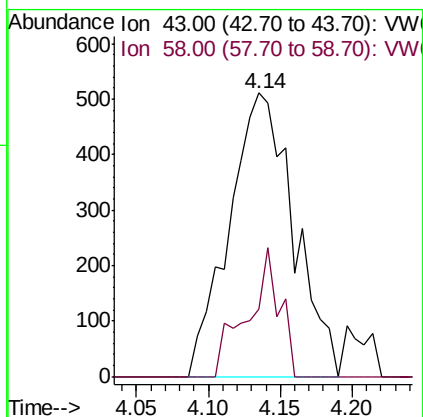
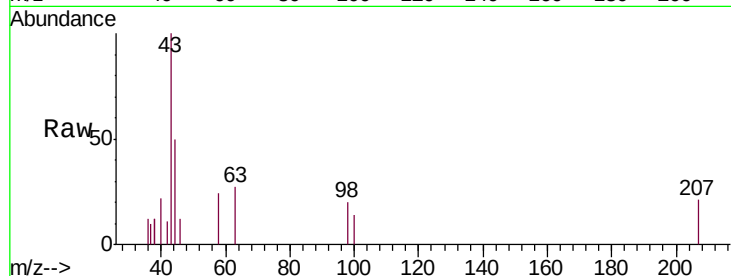
VHBLK01

Tgt Ion: 43 Resp: 1591

Ion Ratio Lower Upper

43 100

58 13.8 0.0 67.0



#16

Methylene chloride

Concen: 2.072 ug/L

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW017332.D

Acq: 18 Nov 2020 17:08

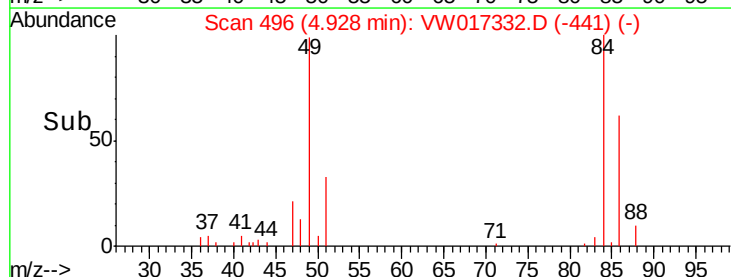
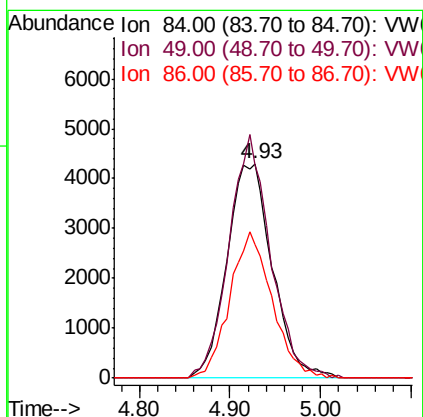
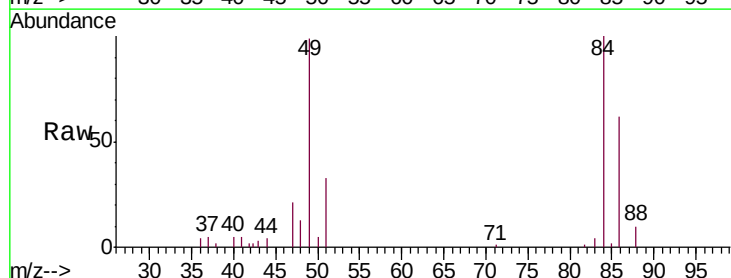
Tgt Ion: 84 Resp: 14954

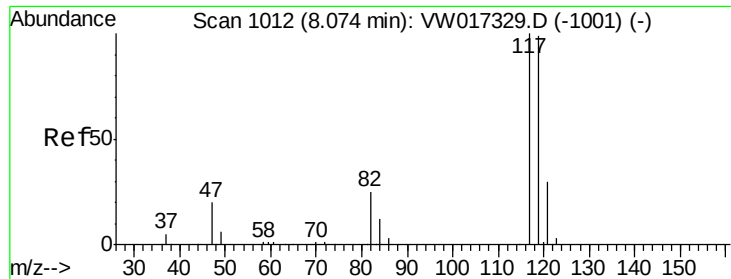
Ion Ratio Lower Upper

84 100

49 99.3 71.5 132.9

86 62.1 42.8 79.4





#32

Carbon tetrachloride

Concen: 0.312 ug/L

RT: 8.26 min Scan# 1042

Delta R.T. 0.18 min

Lab File: VW017332.D

Acq: 18 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

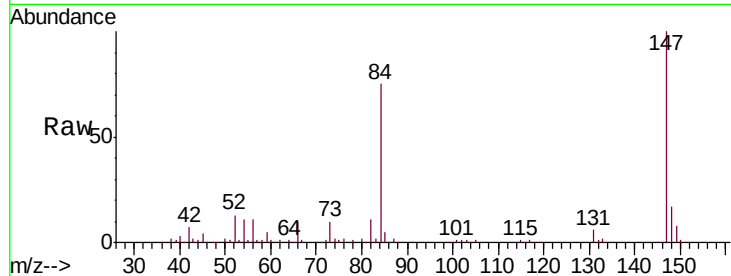
VHBLK01

Tgt Ion: 117 Resp: 2668

Ion Ratio Lower Upper

117 100

119 14.1 77.8 116.6#



Abundance Ion 117.00 (116.70 to 117.70): V

Ion 119.00 (118.70 to 119.70): V

8.26

1000

800

600

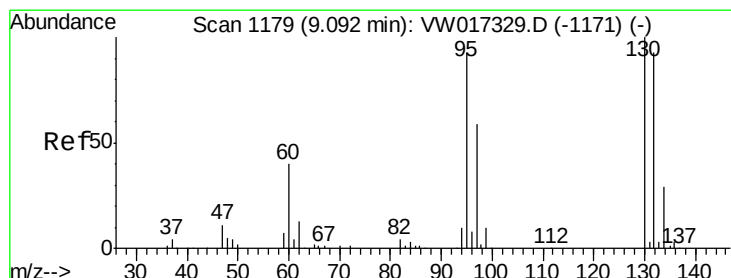
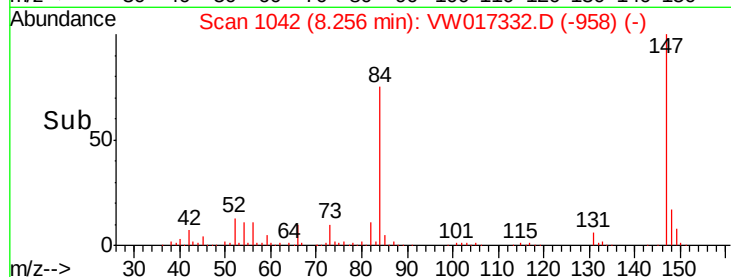
400

200

0

8.20 8.25 8.30

Time-->



#35

Trichloroethene

Concen: 2.029 ug/L

RT: 8.85 min Scan# 1139

Delta R.T. -0.24 min

Lab File: VW017332.D

Acq: 18 Nov 2020 17:08

Tgt Ion: 95 Resp: 12427

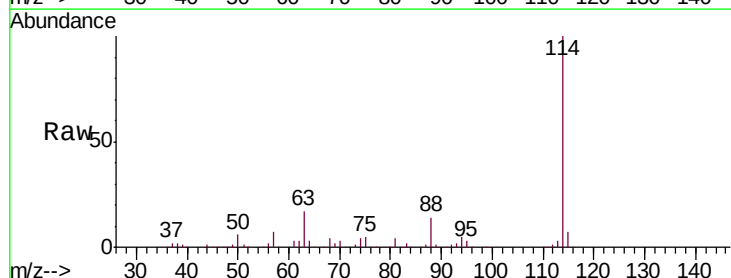
Ion Ratio Lower Upper

95 100

97 0.0 44.7 82.9#

132 0.6 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

10000

8000

6000

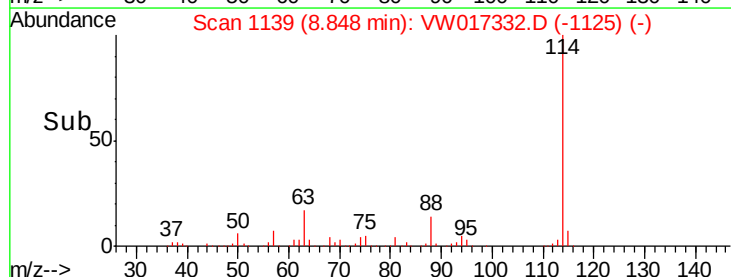
4000

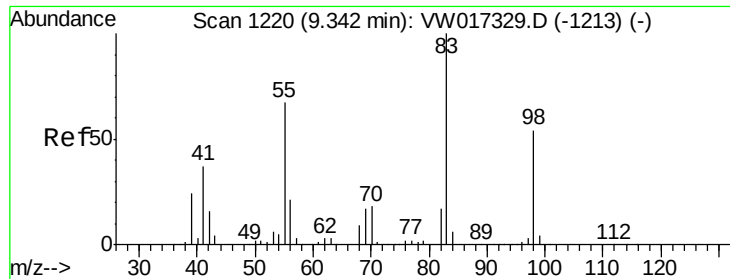
2000

0

8.80 8.85 8.90

Time-->

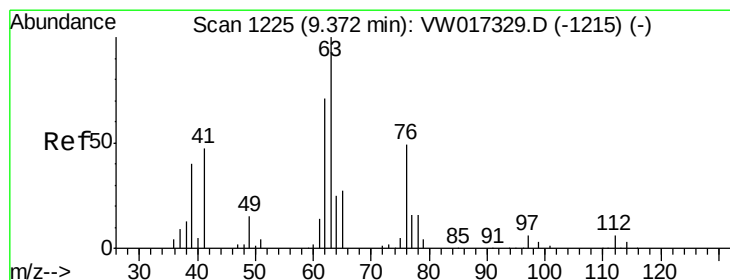
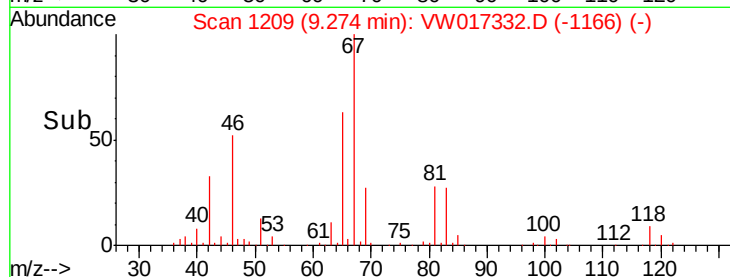
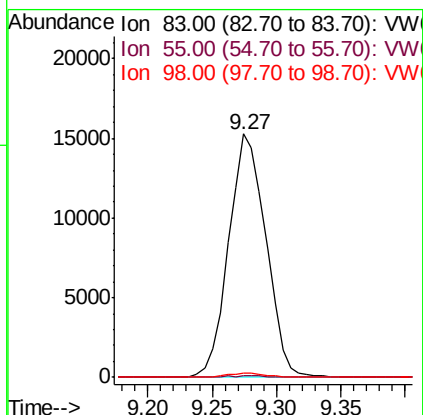
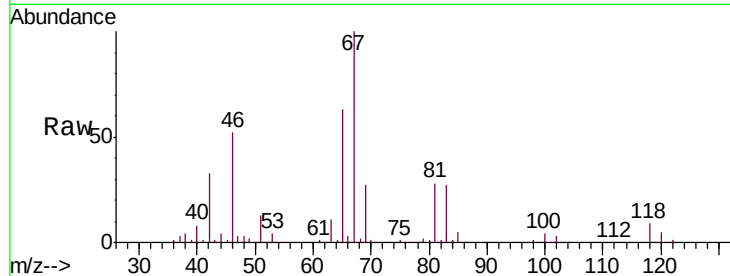




#36
Methylcyclohexane
Concen: 3.141 ug/L
RT: 9.27 min Scan# 1209
Delta R.T. -0.07 min
Lab File: VW017332.D
Acq: 18 Nov 2020 17:08

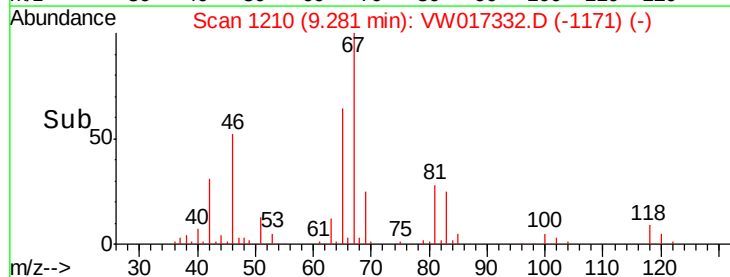
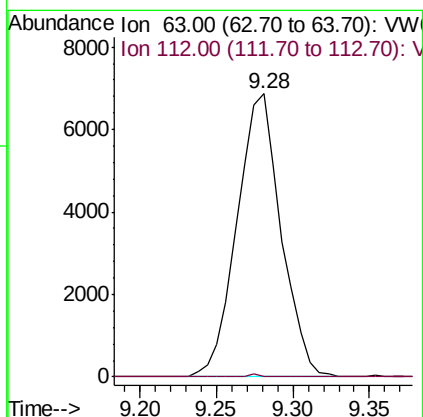
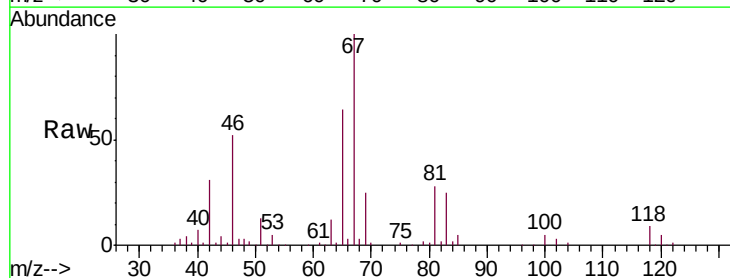
Instrument :
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VHBLK01

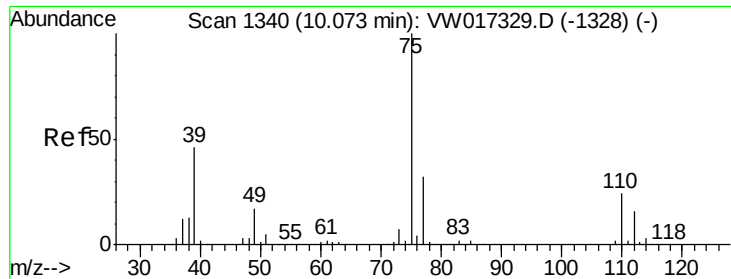
Tgt Ion: 83 Resp: 30737
Ion Ratio Lower Upper
83 100
55 0.3 54.6 81.8#
98 1.7 41.5 62.3#



#40
1,2-Dichloropropane
Concen: 2.803 ug/L
RT: 9.28 min Scan# 1210
Delta R.T. -0.09 min
Lab File: VW017332.D
Acq: 18 Nov 2020 17:08

Tgt Ion: 63 Resp: 13726
Ion Ratio Lower Upper
63 100
112 0.0 4.2 6.4#





#42

cis-1,3-Dichloropropene

Concen: 0.483 ug/L

RT: 10.04 min Scan# 1334

Delta R.T. -0.04 min

Lab File: VW017332.D

Acq: 18 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

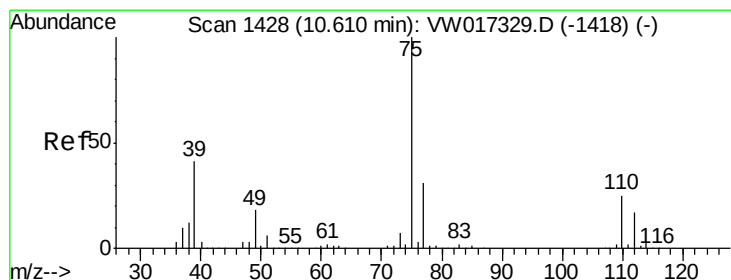
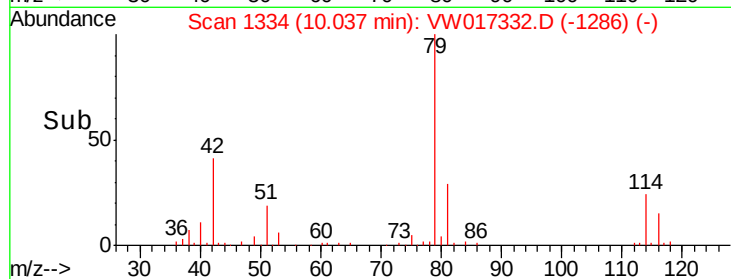
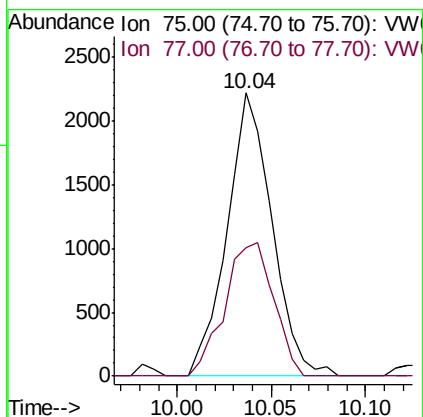
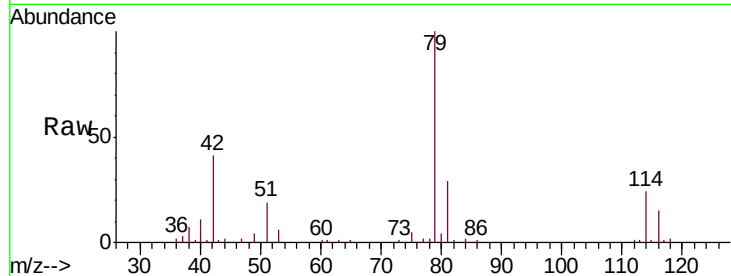
VHBLK01

Tgt Ion: 75 Resp: 3673

Ion Ratio Lower Upper

75 100

77 45.6 21.8 40.4#



#45

trans-1,3-Dichloropropene

Concen: 0.386 ug/L

RT: 10.58 min Scan# 1423

Delta R.T. -0.03 min

Lab File: VW017332.D

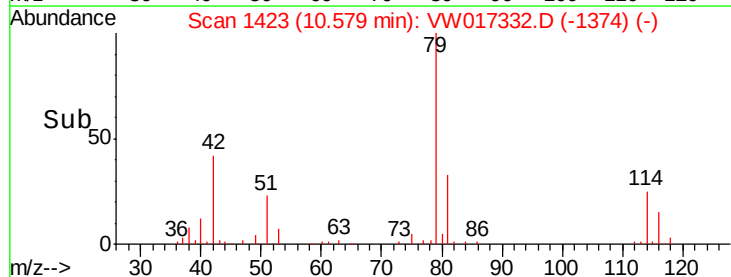
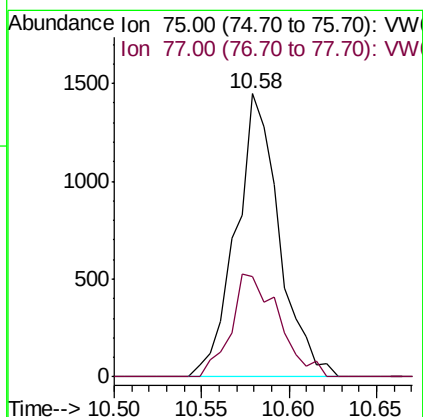
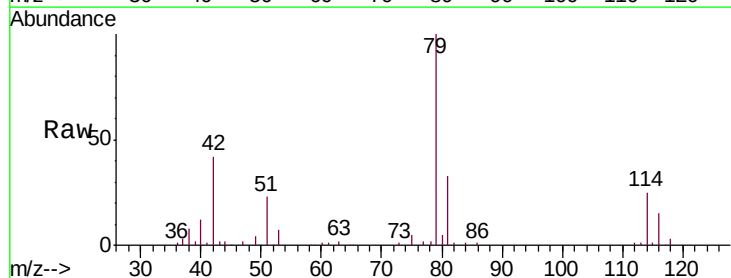
Acq: 18 Nov 2020 17:08

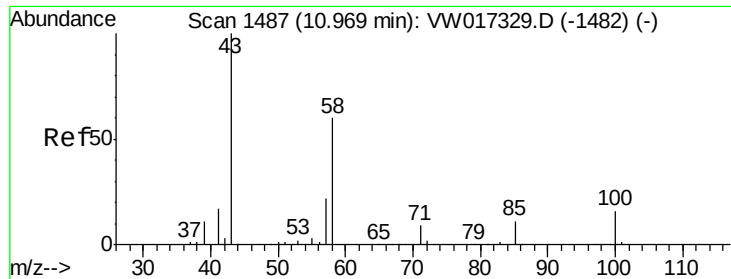
Tgt Ion: 75 Resp: 2487

Ion Ratio Lower Upper

75 100

77 35.5 22.0 40.8





#49

2-Hexanone

Concen: 2.561 ug/L

RT: 10.93 min Scan# 1480

Delta R.T. -0.04 min

Lab File: VW017332.D

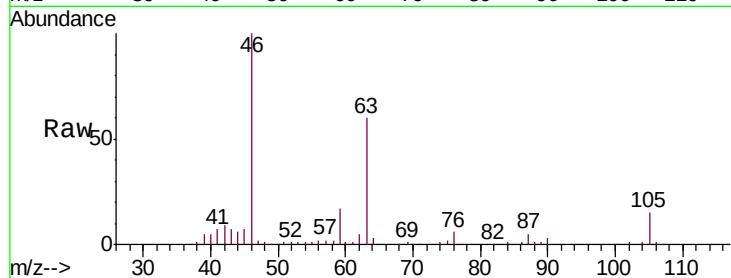
Acq: 18 Nov 2020 17:08

Instrument :

MSVOA_W

ClientSampleId :

VHBLK01



Tgt Ion: 43 Resp: 3746

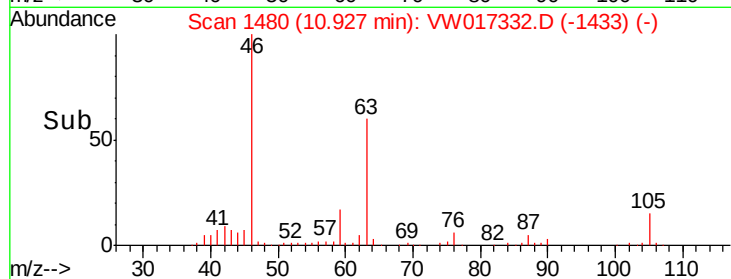
Ion Ratio Lower Upper

43 100

58 28.8 49.4 74.0#

57 33.3 17.0 25.4#

100 1.8 13.1 19.7#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW

Ion 57.00 (56.70 to 57.70): VW

Ion 100.00 (99.70 to 100.70): VW

